Joe Frogge
Digitally signed by Joe Frogge
DN: CN=Joe Frogge, OU=Development, OU=LS Users, DC=COLS, DC=LOC
Date: 2022.05.23 09:37:13-05'00'

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
05/23/2022

STATE OF MISSOURI
RICHARD A. OBERTINO, JR.
NUMBER
A-2001010143
REGISTERED ARCHITECT
5.12.2022

THE Signature
AT WEST PRYOR

2100 AND 2150 NW LOWENSTEIN DR.
LEE'S SUMMIT, MISSOURI 64081

PROJECT NO.: 20-001

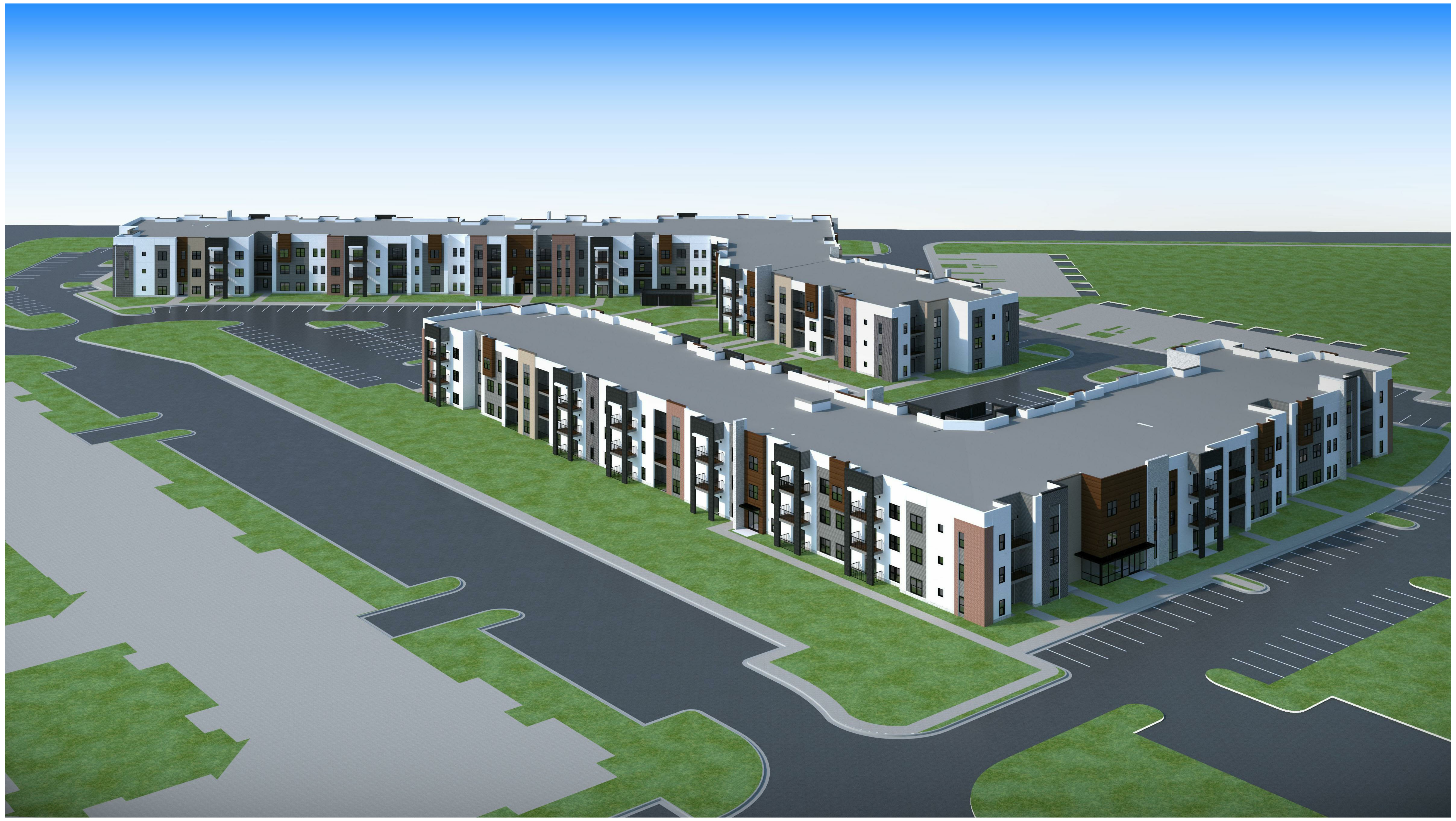
ISSUE DATE: 5.12.2022 Revision 3

GENERAL NOTES

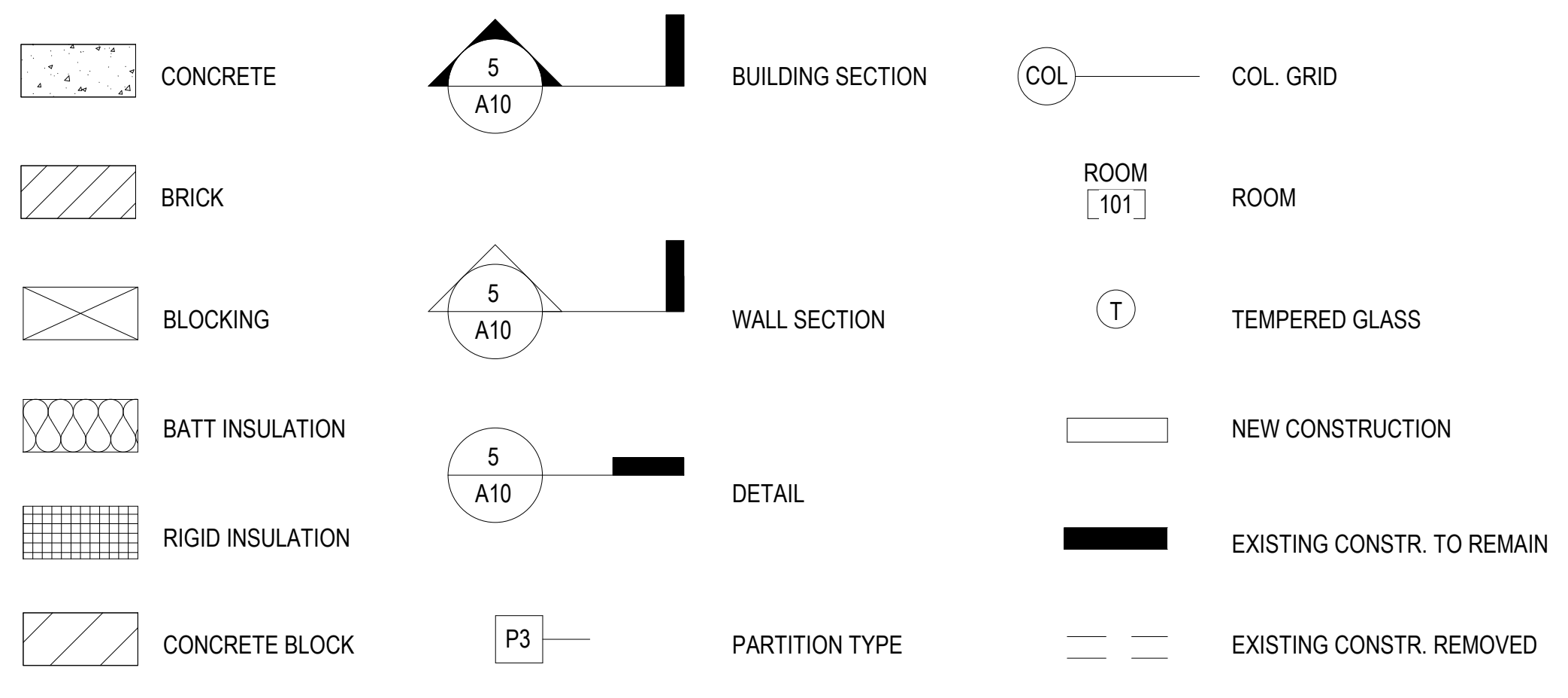
1. AIA DOCUMENT A-201 , GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, CURRENT EDITION, AND SPECIAL CONDITIONS AS NOTED IN THE PROJECT MANUAL, SHALL GOVERN THE WORK.
2. GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE START OF CONSTRUCTION AND SHALL REPORT 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



SYMBOLS



PROJECT DIRECTORY

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Contact: RICH BEARDMORE

PROJECT SUMMARY

***FOR COMPLETE CODE ANALYSIS SEE LIFE SAFETY PLAN SHEET AXXX - AXXX**

PROJECT NAME: The Signature at West Pryor

PROJECT ADDRESS:
2100 AND 2150 NW LOWENSTEIN DR.
LEE'S SUMMIT, MISSOURI 64081

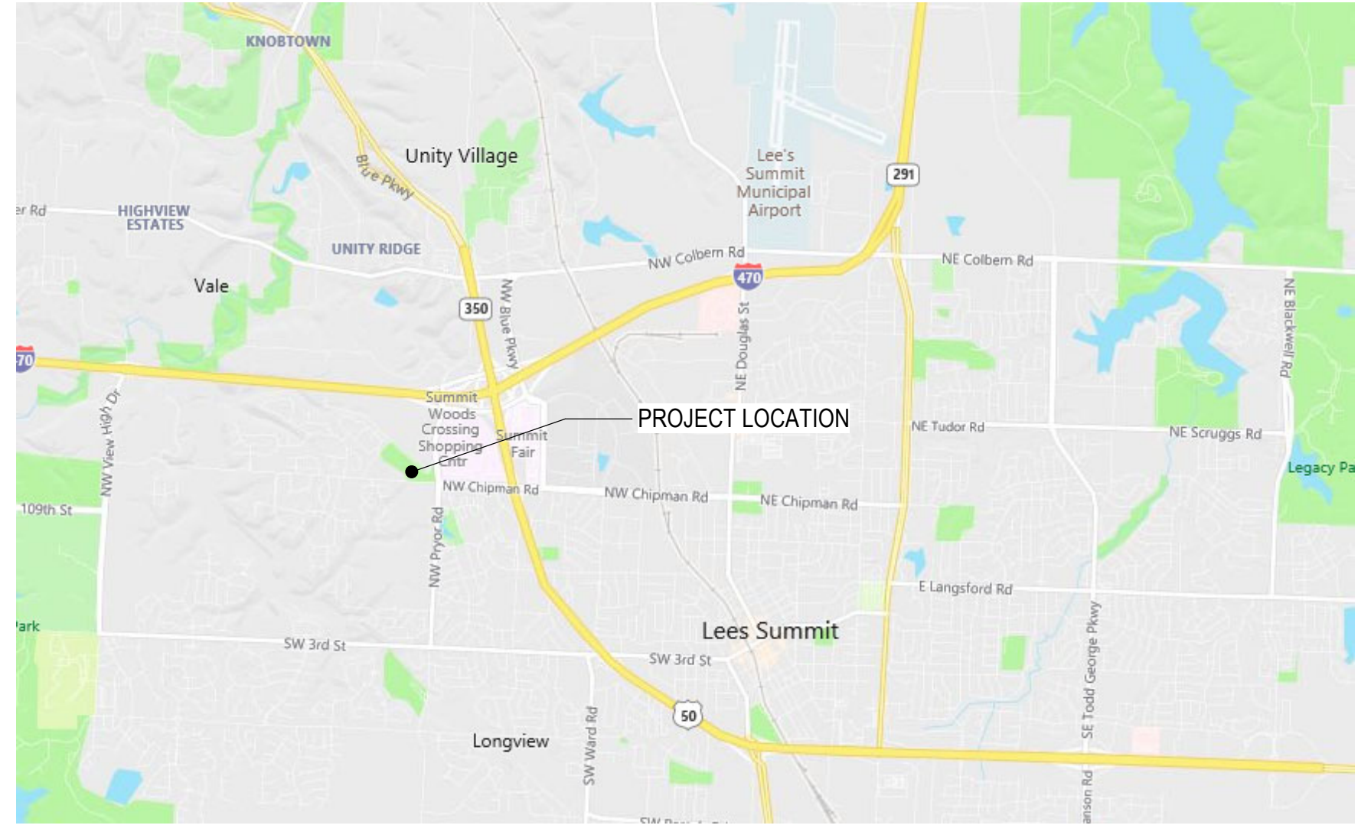
PROJECT DESCRIPTION: DESCRIPTION

BUILDING CODES:
2018 International Building Code
2017 National Electric Code
2018 International Mechanical Code
2018 International Plumbing Code
2018 International Fire Code
2018 International Energy Conservation Code

ACCESSIBILITY
2010 ADA Guidelines & 2009 ICC/ANSI A117.1 &
FAIR HOUSING ACT

OCCUPANCY TYPE / USE GROUP: R-2

LOCATION MAP



ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	SM ENGINEERING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

Tegethoff
DEVELOPMENT

The Signature at West Pryor
2100 AND 2150 NW LOWENSTEIN DR.
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DATE: 7.15.2021

REVISIONS #

5	Revision 3	5.12.2022

DWG BY MKSS

TR,i PROJECT NO. 20-001

SHEET NO.
A000
COVER SHEET

RELEASED FOR CONSTRUCTION
As Noted on Plans Review

Development Services Department
Lee's Summit, Missouri
05/23/2022

DRAWING INDEX

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

	ARCHITECTURAL	BID / PERMIT SET 7.15.2021	PERMIT COMMENTS 8.17.2021	FOUNDATION PERMIT 10.11.2021	REVISION 1 - 2.11.2022	REVISION 2 - 3.1.2022	REVISION 3 - 5.12.2022
A000	COVER SHEET	●	○	○	○	○	○
A001	SHEET INDEX	●	○	●	○	○	○
A002	ACCESSIBILITY REQUIREMENTS - TYPE A UNITS	●					
A003	ACCESSIBILITY REQUIREMENTS -TYPE B UNITS	●					
A004	SOUND TRANSMISSION ASSEMBLIES	●					
A010	BLDG 1 - LIFE SAFETY PLAN	●					
A011	BLDG 1 - LIFE SAFETY PLAN	●					
A012	BLDG 1 - LIFE SAFETY PLAN	●					
A013	BLDG 2 - LIFE SAFETY PLAN	●					●
A014	BLDG 2 - LIFE SAFETY PLAN	●					
A015	BLDG 2 - LIFE SAFETY PLAN	●					
A016	ENLARGED AMENITY LIFE SAFETY PLANS	●					
A017	UNIT LIFE SAFETY PLANS	●					
A018	MAINTENANCE / POOL HOUSE LIFE SAFETY PLAN		●		●		●
A020	ARCHITECTURAL SITE PLAN	●	●				
A021	SITE DETAILS	●					
A022	MAINTENANCE SHED / POOL HOUSE	●	●				●
A023	BLDG 1 - FIRST FLOOR ADDRESS PLAN	●	●				
A024	BLDG 1 - SECOND FLOOR ADDRESS PLAN	●					
A025	BLDG 1 - THIRD FLOOR ADDRESS PLAN	●	●				
A026	BLDG 2 - FIRST FLOOR ADDRESS PLAN	●	●				
A027	BLDG 2 - SECOND FLOOR ADDRESS PLAN	●	●				
A028	BLDG 2 - THIRD FLOOR ADDRESS PLAN	●	●				
A030	PARTITION TYPES	●			●		
A031	FLOORING / ROOFING ASSEMBLIES	●			●		
A040	DOOR SCHEDULE	●	●		●		●
A041	DOOR DETAILS	●			●		
A042	DOOR DETAILS	●	●				
A043	FIRE DOOR DETAILS	●					
A050	WINDOW SCHEDULE & DETAILS	●	●		●		
A051	WINDOW DETAILS	●					
A055	STOREFRONT SCHEDULE	●			●		
A056	STOREFRONT SCHEDULE	●			●		●
A057	STOREFRONT SCHEDULE	●			●		
A058	STOREFRONT DETAILS	●			●		●
A059	STOREFRONT DETAILS	●					
A060	UNIT SCHEDULE	●					
A101	BLDG 1 - FIRST FLOOR PLAN	●					
A101A	BLDG 1-A - ENLARGED FIRST FLOOR PLAN	●			●	●	
A101B	BLDG 1-B & C - ENLARGED FIRST FLOOR PLAN	●					
A101D	BLDG 1-D - ENLARGED FIRST FLOOR PLAN	●				●	
A102	BLDG 1 - SECOND FLOOR PLAN	●					
A102A	BLDG 1-A - ENLARGED SECOND FLOOR PLAN	●				●	
A102B	BLDG 1-B & C - ENLARGED SECOND FLOOR PLAN	●					
A102D	BLDG 1-D - ENLARGED SECOND FLOOR PLAN	●				●	
A103	BLDG 1 - THIRD FLOOR PLAN	●					
A103A	BLDG 1-A - ENLARGED THIRD FLOOR PLAN	●				●	
A103B	BLDG 1-B & C - ENLARGED THIRD FLOOR PLAN	●					
A103D	BLDG 1-D - ENLARGED THIRD FLOOR PLAN	●				●	
A110	BLDG 1 - ROOF PLAN	●	●		●		
A121	BLDG 2 - FIRST FLOOR PLAN	●					●
A121A	BLDG 2-A - ENLARGED FIRST FLOOR PLAN	●				●	●
A121B	BLDG 2-B - ENLARGED FIRST FLOOR PLAN	●			●		●
A121C	BLDG 2-C - ENLARGED FIRST FLOOR PLAN	●			●		
A122	BLDG 2 - SECOND FLOOR PLAN	●					
A122A	BLDG 2-A - ENLARGED SECOND FLOOR PLAN	●				●	
A122B	BLDG 2-B - ENLARGED SECOND FLOOR PLAN	●					
A122C	BLDG 2-C - ENLARGED SECOND FLOOR PLAN	●					
A123	BLDG 2 - THIRD FLOOR PLAN	●					
A123A	BLDG 2-A - ENLARGED THIRD FLOOR PLAN	●				●	
A123B	BLDG 2-B - ENLARGED THIRD FLOOR PLAN	●					
A123C	BLDG 2-C - ENLARGED THIRD FLOOR PLAN	●					
A124	BLDG 2 - ROOF PLAN	●	●		●		
A130	BLDG 1 - FIRST FLOOR RCP	●					
A131	BLDG 1 - SECOND FLOOR RCP	●					
A132	BLDG 1 - THIRD FLOOR RCP	●					
A140	BLDG 2 - FIRST FLOOR RCP	●					
A141	BLDG 2 - SECOND FLOOR RCP	●					
A142	BLDG 2 - THIRD FLOOR RCP	●					
A150	BLDG 1 - ENLARGED AMENITY PLAN	●					
A151	BLDG 1 - ENLARGED AMENITY RCP	●					
A160	BLDG 2 - ENLARGED AMENITY PLANS	●					
A200	BLDG 1 - OVERALL EXTERIOR ELEVATIONS	●			●		
A201	BLDG 1 - ENLARGED SOUTHWEST & WEST ELEVATIONS	●			●		
A202	BLDG 1 - ENLARGED SOUTH ELEVATIONS	●			●		
A203	BLDG 1 - ENLARGED EAST & NORTHEAST ELEVATIONS	●			●		
A204	BLDG 1 - ENLARGED NORTH & NORTHWEST ELEVATIONS	●			●	●	
A220	BLDG 2 - OVERALL EXTERIOR ELEVATIONS	●			●		●
A221	BLDG 2 - ENLARGED EAST ELEVATIONS	●			●	●	
A222	BLDG 2 - ENLARGED NORTH ELEVATIONS	●			●		●
A223	BLDG 2 - ENLARGED WEST ELEVATIONS	●			●	●	●
A224	BLDG 2 - ENLARGED SOUTH ELEVATIONS	●			●		●
A230	VENT & LOUVER ELEVATIONS	●			●		
A300	BUILDING 1 SECTIONS	●			●		
A301	BUILDING 2 SECTIONS	●			●		
A302	MAINTENANCE/POOL BUILDING & WALL SECTIONS		●				
A310	WALL SECTIONS	●			●		
A311	WALL SECTIONS	●			●		
A312	WALL SECTIONS	●			●		
A313	WALL SECTIONS	●			●		
A314	WALL SECTIONS	●			●		
A315	WALL SECTIONS	●			●		
A316	WALL SECTIONS	●			●		
A317	WALL SECTIONS	●			●		
A318	WALL SECTIONS	●			●		
A350	WALL SECTION DETAILS	●	●		●		
A351	WALL SECTION DETAILS	●			●		
A352	WALL SECTION DETAILS		●				
A360	TREX BALCONY DETAILS	●			●		
A361	CONCRETE BALCONY DETAILS	●					
A362	BALCONY RAILING DETAILS	●					
A365	BLDG 1 CANOPY PLANS & DETAILS	●					
A366	BLDG 2 CANOPY PLANS & DETAILS	●					
A370	COLUMN PLAN DETAILS	●					
A371	PLAN DETAILS	●	●				
A401	UNIT A1, A1.1 & A1.2 - PLANS AND ELEVATIONS	●					
A402	UNIT A2 - PLANS AND ELEVATIONS	●					
A403	UNIT A3 - PLANS AND ELEVATIONS	●					
A404	UNIT A4 - PLANS AND ELEVATIONS	●					
A405	UNIT A4-TYPE A - PLANS AND ELEVATIONS	●			●	●	
A406	UNIT A5 - PLANS AND ELEVATIONS	●					
A407	UNIT B1, B1.1, B1.2 & B1.3 - PLANS AND ELEVATIONS	●			●		
A408	UNIT B1 - TYPE A - PLANS AND ELEVATIONS	●			●	●	
A409	UNIT B2 - PLANS AND ELEVATIONS	●					
A410	UNIT B2-TYPE A - PLANS AND ELEVATIONS	●			●	●	
A411	UNIT B3 & B3.1 - PLANS AND ELEVATIONS	●					
A412	UNIT B4 - PLANS AND ELEVATIONS	●					
A413	UNIT C1 & C1.1 - PLANS AND ELEVATIONS	●					
A414	UNIT C2 & C2.1 - PLANS AND ELEVATIONS	●					
A415	UNIT C2 -TYPE A - PLANS AND ELEVATIONS	●			●	●	
A420	UNIT DETAILS	●					
A421	UNIT DETAILS	●					
A500	BLDG 1 STAIR A - PLAN & SECTIONS	●			●		
A501	BLDG 1 STAIR B - PLAN & SECTIONS	●			●		
A502	BLDG 1 STAIR C - PLAN & SECTIONS	●			●		
A503	BLDG 1 STAIR D - PLAN & SECTIONS	●			●		
A520	BLDG 2 STAIR A - PLAN & SECTIONS	●			●		
A521	BLDG 2 STAIR B - PLAN & SECTIONS	●			●		
A522	BLDG 2 STAIR C - PLAN & SECTIONS	●			●		
A523	BLDG 2 STAIR D - PLAN & SECTIONS	●			●		
A530	STAIR DETAILS	●					
A540	BLDG 1 ELEVATOR - PLAN & SECTIONS	●			●		

	ARCHITECTURAL	BID / PERMIT SET 7.15.2021	PERMIT COMMENTS 8.17.2021	FOUNDATION PERMIT 10.11.2021	REVISION 1 - 2.11.2022	REVISION 2 - 3.1.2022	REVISION 3 - 5.12.2022
A541	BLDG 2 ELEVATOR - PLAN & SECTIONS	●			●		
A600	BLDG 1 - INTERIOR ELEVATIONS	●	●		●		
A601	BLDG 1 - INTERIOR ELEVATIONS	●	●				
A650	BLDG 2 - INTERIOR ELEVATIONS	●	●				
A651	BLDG 2 - INTERIOR ELEVATIONS	●					
A700	FINISH SCHEDULE	●					
A701	BLDG 1 - FIRST FLOOR FINISH PLAN	●	●				
A702	BLDG 1 - SECOND FLOOR FINISH PLAN	●					
A703	BLDG 1 - THIRD FLOOR FINISH PLAN	●					
A704	BLGD 1 - ENLARGED AMENITY FINISH PLAN	●					
A720	BLDG 2 - FIRST FLOOR FINISH PLAN	●	●				
A721	BLDG 2 - SECOND FLOOR FINISH PLAN	●					
A722	BLDG 2 - THIRD FLOOR FINISH PLAN	●					
A723	BLDG 2 - ENLARGED AMENITY FINISH PLAN	●					
A750	INTERIOR DETAILS	●			●		

	STRUCTURAL	BID / PERMIT SET 7.15.2021	PERMIT COMMENTS 8.17.2021	FOUNDATION PERMIT 10.11.2021	REVISION 1 - 2.11.2022	REVISION 2 - 3.1.2022	REVISION 3 - 5.12.2022
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	●					
S022	MAINTENANCE SHED/POOL HOUSE	●	●	●			●
S023	MAINTENANCE SHED/POOL HOUSE		●				●
S101	FOUNDATION PLAN	●					
S101A	FOUNDATION PLAN - AREA A	●		●			
S101B	FOUNDATION PLAN - AREA B	●		●	●		
S101C	FOUNDATION PLAN - AREA C	●		●			
S102	SECOND FLOOR FRAMING PLAN	●					
S102A	SECOND FLOOR FRAMING PLAN- AREA A	●					
S102B	SECOND FLOOR FRAMING PLAN- AREA B	●			●		
S102C	SECOND FLOOR FRAMING PLAN- AREA C	●					
S103	THIRD FLOOR FRAMING PLAN	●					
S103A	THIRD FLOOR FRAMING PLAN- AREA A	●					
S103B	THIRD FLOOR FRAMING PLAN- AREA B	●			●		
S103C	THIRD FLOOR FRAMING PLAN- AREA C	●					
S104	ROOF FRAMING PLAN	●					
S104A	ROOF FRAMING PLAN- AREA A	●					
S104B	ROOF FRAMING PLAN- AREA B	●			●		
S104C	ROOF FRAMING PLAN- AREA C	●					
S121	BLDG 2 - FOUNDATION PLAN	●		●			
S121A	BLDG 2- FOUNDATION PLAN - AREA A	●		●			
S121B	BLDG 2- FOUNDATION PLAN - AREA B	●		●	●		
S121C	BLDG 2- FOUNDATION PLAN - AREA C	●		●			
S122	BLDG 2 - SECOND FLOOR FRAMING PLAN	●					
S122A	BLDG 2 - SECOND FLOOR FRAMING PLAN - AREA A	●					
S122B	BLDG 2- SECOND FLOOR FRAMING PLAN - AREA B	●			●		
S122C	BLDG 2- SECOND FLOOR FRAMING PLAN - AREA C	●					
S123	BLDG 2 - THIRD FLOOR FRAMING PLAN	●					
S123A	BLDG 2- THIRD FLOOR FRAMING PLAN - AREA A	●					
S123B	BLDG 2- THIRD FLOOR FRAMING PLAN - AREA B	●			●		
S123C	BLDG 2- THIRD FLOOR FRAMING PLAN - AREA C	●					
S124	BLDG 2 - ROOF FRAMING PLAN	●					
S124A	BLDG 2- ROOF FRAMING PLAN - AREA A	●					
S124B	BLDG 2- ROOF FRAMING PLAN - AREA B	●			●		
S124C	BLDG 2- ROOF FRAMING PLAN - AREA C	●					
S200	FOUNDATION SECTIONS	●		●			
S201	FOUNDATION SECTIONS	●		●			
S202	FOUNDATION SECTIONS	●		●			
S300	STEEL FRAMING SECTIONS	●					
S301	STEEL 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	●					

△ 2

	UNDERGROUND PLUMBING & ELECTRICAL	BID / PERMIT SET 7.15.2021	PERMIT COMMENTS 8.17.2021	FOUNDATION PERMIT 10.11.2021	REVISION 1 - 2.11.2022	REVISION 2 - 3.1.2022	REVISION 3 - 5.12.2022
UG101	BLDG 1-A, PARTIAL FIRST FLOOR PLAN - BELOW GRADE			●			
UG102	BLDG 1-B, PARTIAL FIRST FLOOR PLAN - BELOW GRADE			●			
UG103	BLDG 1-C, PARTIAL FIRST FLOOR PLAN - BELOW GRADE			●			
UG104	BLDG 2-A, PARTIAL FIRST FLOOR PLAN - BELOW GRADE			●			
UG105	BLDG 2-B, PARTIAL FIRST FLOOR PLAN - BELOW GRADE			●			
UG106	BLDG 2-C, PARTIAL FIRST FLOOR PLAN - BELOW GRADE			●			

	ELECTRICAL	BID / PERMIT SET 7.15.2021	PERMIT COMMENTS 8.17.2021	FOUNDATION PERMIT 10.11.2021	REVISION 1 - 2.11.2022	REVISION 2 - 3.1.2022	REVISION 3 - 5.12.2022
E001	SITE PLAN - PHOTOMETRIC	●			●		
E001a	SITE PLAN - PHOTOMETRIC				●		
E101	BLDG 1-A, PARTIAL FIRST FLOOR PLAN - ELECTRICAL	●					
E102	BLDG 1-B, PARTIAL FIRST FLOOR PLAN - ELECTRICAL	●					
E102a	BLDG 1-B, PARTIAL FIRST FLOOR PLAN - ELECTRICAL	●	●		●		
E102b	BLDG 1-B, PARTIAL FIRST FLOOR PLAN - ELECTRICAL	●					●
E103	BLDG 1-C, PARTIAL FIRST FLOOR PLAN - ELECTRICAL	●				●	
E104	BLDG 1-A, PARTIAL SECOND FLOOR PLAN - ELECTRICAL	●					
E105	BLDG 1-B, PARTIAL SECOND FLOOR PLAN - ELECTRICAL	●					
E106	BLDG 1-C, PARTIAL SECOND FLOOR PLAN - ELECTRICAL	●					
E107	BLDG 1-A, PARTIAL THIRD FLOOR PLAN - ELECTRICAL	●					
E108	BLDG 1-B, PARTIAL THIRD FLOOR PLAN - ELECTRICAL	●					
E109	BLDG 1-C, PARTIAL THIRD FLOOR PLAN - ELECTRICAL	●					
E110	BLDG 1-A, PARTIAL ROOF PLAN -ELECTRICAL	●					
E111	BLDG 1-B, PARTIAL ROOF PLAN -ELECTRICAL	●					
E112	BLDG 1-C, PARTIAL ROOF PLAN -ELECTRICAL	●					
E113	BLDG 2-A, PARTIAL FIRST FLOOR PLAN - ELECTRICAL	●				●	
E114	BLDG 2-B, PARTIAL FIRST FLOOR PLAN - ELECTRICAL	●					
E114a	BLDG 2-B, PARTIAL FIRST FLOOR PLAN - ELECTRICAL	●	●		●		●
E115	BLDG 2-C, PARTIAL FIRST FLOOR PLAN - ELECTRICAL	●					
E116	BLDG 2-A, PARTIAL SECOND FLOOR PLAN - ELECTRICAL	●					
E117	BLDG 2-B, PARTIAL SECOND FLOOR PLAN - ELECTRICA	●					
E118	BLDG 2-C, PARTIAL SECOND FLOOR PLAN - ELECTRICAL	●					
E119	BLDG 2-A, PARTIAL THIRD FLOOR PLAN - ELECTRICAL	●					
E120	BLDG 2-B, PARTIAL THIRD FLOOR PLAN - ELECTRICAL	●					
E121	BLDG 2-C, PARTIAL THIRD FLOOR PLAN - ELECTRICAL	●					
E122	BLDG 2-A, PARTIAL ROOF PLAN -ELECTRICAL	●					
E123	BLDG 2-B, PARTIAL ROOF PLAN -ELECTRICAL	●					
E124	BLDG 2-C, PARTIAL ROOF PLAN -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 DETAILS	●	●			●	
E305	ELECTRICAL DETAILS	●	●		●	●	●
E306	ELECTRICAL DETAILS	●					

	MECHANICAL	BID / PERMIT SET 7.15.2021	PERMIT COMMENTS 8.17.2021	FOUNDATION PERMIT 10.11.2021	REVISION 1 - 2.11.2022	REVISION 2 - 3.1.2022	REVISION 3 - 5.12.2022
M101	BLDG 1-A, PARTIAL FIRST FLOOR PLAN - HVAC	●					
M102	BLDG 1-B, PARTIAL FIRST FLOOR PLAN - HVAC	●					
M103	BLDG 1-C, PARTIAL FIRST FLOOR PLAN - HVAC	●					
M104	BLDG 1-A, PARTIAL SECOND FLOOR PLAN - HVAC	●					
M105	BLDG 1-B, PARTIAL SECOND FLOOR PLAN - HVAC	●					
M106	BLDG 1-C, PARTIAL SECOND FLOOR PLAN - HVAC	●					
M107	BLDG 1-A, PARTIAL THIRD FLOOR PLAN - HVAC	●					
M108	BLDG 1-B, PARTIAL THIRD FLOOR PLAN - HVAC	●					
M109	BLDG 1-C, PARTIAL THIRD FLOOR PLAN - HVAC	●					
M110	BLDG 1-A, PARTIAL ROOF PLAN -HVAC	●					
M111	BLDG 1-B, PARTIAL ROOF PLAN -HVAC	●					
M112	BLDG 1-C, PARTIAL ROOF PLAN -HVAC	●					
M113	BLDG 2-A, PARTIAL FIRST FLOOR PLAN – HVAC	●					
M114	BLDG 2-B, PARTIAL FIRST FLOOR PLAN - HVAC	●					
M115	BLDG 2-C, PARTIAL FIRST FLOOR PLAN - HVAC	●					
M116	BLDG 2-A, PARTIAL SECOND FLOOR PLAN - HVAC	●					
M117	BLDG 2-B, PARTIAL SECOND FLOOR PLAN - HVAC	●					
M118	BLDG 2-C, PARTIAL SECOND FLOOR PLAN - HVAC	●	●				
M119	BLDG 2-A, PARTIAL THIRD FLOOR PLAN - HVAC	●					
M120	BLDG 2-B, PARTIAL THIRD FLOOR PLAN - HVAC	●					
M121	BLDG 2-C, PARTIAL THIRD FLOOR PLAN - HVAC	●					
M122	BLDG 2-A, PARTIAL ROOF PLAN -HVAC	●					
M123	BLDG 2-B, PARTIAL ROOF PLAN -HVAC	●					
M124	BLDG 2-C, PARTIAL ROOF PLAN -HVAC	●					
M201	TYPICAL UNIT PLANS - HVAC	●					
M202	TYPICAL UNIT PLANS - HVAC	●					
M203	TYPICAL UNIT PLANS - HVAC	●			●		
ME101	SITE PLAN - MECH/ELEC	●	●		●		●
ME201	MAINTENANCE BLDG - PLUMBING	●	●		●	●	●
ME202	MAINTENANCE BLDG - HVAC		●			●	●
ME203	MAINTENANCE BLDG - ELECTRICAL		●		●	●	●
MP101	MECHANICAL DETAILS	●					
MP102	MECHANICAL DETAILS	●					
MP103	MECHANICAL DETAILS	●					
MP104	MECHANICAL SCHEDULES	●	●				●

	PLUMBING	BID / PERMIT SET 7.15.2021	PERMIT COMMENTS 8.17.2021	FOUNDATION PERMIT 10.11.2021	REVISION 1 - 2.11.2022	REVISION 2 - 3.1.2022	REVISION 3 - 5.12.2022
P101	BLDG 1-A, PARTIAL FIRST FLOOR PLAN - PLUMBING	●	●				
P102	BLDG 1-B, PARTIAL FIRST FLOOR PLAN - PLUMBING	●					
P103	BLDG 1-C, PARTIAL FIRST FLOOR PLAN - PLUMBING	●					
P104	BLDG 1-A, PARTIAL SECOND FLOOR PLAN - PLUMBING	●					
P105	BLDG 1-B, PARTIAL SECOND FLOOR PLAN - PLUMBING	●					
P106	BLDG 1-C, PARTIAL SECOND FLOOR PLAN - PLUMBING	●					
P107	BLDG 1-A, PARTIAL THIRD FLOOR PLAN - PLUMBING	●					
P108	BLDG 1-B, PARTIAL THIRD FLOOR PLAN - PLUMBING	●					
P109	BLDG 1-C, PARTIAL THIRD FLOOR PLAN - PLUMBING	●					
P110	BLDG 2-A, PARTIAL FIRST FLOOR PLAN - PLUMBING	●	●				
P111	BLDG 2-B, PARTIAL FIRST FLOOR PLAN - PLUMBING	●					
P112	BLDG 2-C, PARTIAL FIRST FLOOR PLAN - PLUMBING	●					
P113	BLDG 2-A, PARTIAL SECOND FLOOR PLAN - PLUMBING	●					
P114	BLDG 2-B, PARTIAL SECOND FLOOR PLAN - PLUMBING	●					
P115	BLDG 2-C, PARTIAL SECOND FLOOR PLAN - PLUMBING	●					
P116	BLDG 2-A, PARTIAL THIRD FLOOR PLAN - PLUMBING	●					
P117	BLDG 2-B, PARTIAL THIRD FLOOR PLAN - PLUMBING	●					
P118	BLDG 2-C, PARTIAL THIRD FLOOR PLAN - PLUMBING	●					
P119	PLUMBING RISERS	●					
P120	PLUMBING RISERS	●					
P121	PLUMBING RISERS	●					
P201	TYPICAL UNIT PLANS - PLUMBING	●					
P202	TYPICAL UNIT PLANS - PLUMBING	●					
P203	TYPICAL UNIT PLANS - PLUMBING	●			●		

	TELECOM	BID / PERMIT SET 7.15.2021	PERMIT COMMENTS 8.17.2021	FOUNDATION PERMIT 10.11.2021	REVISION 1 - 2.11.2022	REVISION 2 - 3.1.2022	REVISION 3 - 5.12.2022
T101	BLDG 1-A FIRST FLOOR PLAN - TELECOM	●					●
T102	BLDG 2-A, PARTIAL FIRST FLOOR PLAN - TELECOM	●					●
T201	TELECOM DETAILS	●	●				●

RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
5.12.2022

ARCHITECT	TR,i ARCHITECTS
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CIVIL ENGINEER	SM ENGINEERING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

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REVISIONS △#

2	FOUNDATION PERMIT	10.11.2021
4	Revision 2	3.1.2022

DWG BY MKSS

TR,i PROJECT NO. 20-001

SHEET NO.

A001

SHEET INDEX

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
05/23/2022

LIFE SAFETY GENERAL NOTES

1. ALL RESIDENTIAL CORRIDORS ARE 1-HOUR FIRE RATED UNLESS OTHERWISE NOTED.
2. ALL DOORS LEADING TO UNITS ARE 20 MINUTES RATED UNLESS OTHERWISE NOTED.
3. AREA OF REFUGE NOT REQUIRED IN STAIRS PER SECTION 1009.3.3 EXCEPTION 5 2018 IBC.
4. AREA OF REFUGE NOT REQUIRED AT ELEVATOR PER SECTION 1009.4.2 EXCEPTION 2 2018 IBC.
5. MAXIMUM AREA OF EXTERIOR WALL UNPROTECTED OPENING IS BASED ON FIRE SEPARATION DISTANCE AND DEGREE OF OPENING PROTECTION STATED ON TABLE 705.8 OF 2018 IBC.
6. ALL EXTERIOR LOAD BEARING WALLS (WOOD CONSTRUCTION) TO BE 1-HOUR FIRE RATED PER UL U356 UNLESS OTHERWISE NOTED.
7. ALL LOAD BEARING WALLS INSIDE UNITS TO BE 1-HOUR FIRE RATED PER UL U305. REFER TO UNIT PLANS FOR LOCATIONS.
8. GENERAL CONTRACTOR TO FURNISHED AND INSTALL A-B-C RATED FIRE EXTINGUISHERS AT 4'-0" A.F.F. AS REQUIRED BY AUTHORITY HAVING JURISDICTION. MAXIMUM TRAVEL DISTANCE OF 75'-0" FOR PLACEMENT AND PER 906 (NFPA 10). SEE PLAN FOR PROPOSED LOCATIONS. FINAL LOCATIONS AS REQUIRED BY AUTHORITY HAVING JURISDICTION
9. STEEL COLUMN WRAP DETAILS ON SHEETS A058, A059, & A370

SYMBOL LEGEND

800 SF / 40 OCC.	AREA / OCCUPANTS PER UNIT / NUMBER OF OCCUPANTS
•••••••••	**PATH OF EGRESS**
— — — —	**PROPERTY LINE**
A | 800 SF / 20 | 40	OCCUPANCY / AREA / FLOOR AREA PER OCCUPANT / NUMBER OF OCCUPANTS
▨	**1-HR STAIR SHAFT**
—‑‑—‑‑—	**1-HR FIRE PARTITION**
—·—·—	**1-HR FIRE BARRIER**
—··—··—	**2-HR FIRE WALL**
—···—···—	**2-HR SHAFT WALL**
—·····—	**1-HR INTERIOR BEARING WALL**
FEC	**FIRE EXTINGUISHER CABINET**
*	**STEEL COLUMNS TO HAVE 1 HR PROTECTION PER UL X526, STEEL BEAMS TO BE 1 HR RATED PER UL X649**
@	**STEEL COLUMNS TO HAVE 1 HR PROTECTION PER UL X650**

BUILDING CODES ADOPTED

Building Code	2018 International Building Code (IBC)
Mechanical Code	2018 International Mechanical Code (IMC)
Plumbing Code	2018 International Plumbing Code (IPC)
Fuel Gas Code	2018 International Fuel Gas Code
Electrical Code	2017 National Electrical Code
Energy Code	2018 International Energy Conservation Code (IECC)

ALLOWABLE AREA
Equation 5-2 (506.2.3)- SINGLE USE
Aa = [At + (NS x If)] x Sa

Aa = Allowable area
At= Tabular area factor (table 506.2)
NS= Tabular area factor for non sprinkler building (table 506.2)
If= area factor increase due to frontage percent per 506.3 (equation 5-5)
Sa= Number of building stories above grade plan (no more than 3, 4 with sprinkler)

Equation 5-3 (506.2.4) - MIXED USE
Aa = [At + (NS x If)]

Aa = Allowable area
At= Tabular area factor (table 506.2)
NS= Tabular area factor for non sprinkler building (table 506.2)
If= area factor increase due to frontage percent per 506.3 (equation 5-5)
-Each story of mixed use occupancy building shall be calculated separately and individually comply with the allowable area based on the most restrictive occupancy per 508.3.2 and 503.1

FONTAGE INCREASE
Equation 5-5 (506.3)
If = (F/P - 0.25) W / 30

If= Area increase due to frontage
F= Building Perimeter on public way/ open space (min. 20 ft.)
P= Building Perimeter (total)
W= Width of public way / open space

BUILDING 2A

Construction Type	5A
Use Group	R2
Fire Protection	Fully–Sprinklered (NFPA 13R)
Accessibility	2010 ADA Guidelines & 2009 ICC/ANSI A117.1
Housing Act	Fair Housing Act

GENERAL BUILDING LIMITATIONS (Chapter 5 & 6) BUILDING 2A – TYPE 5A

Allowed Building Height (504.3 & 504.4)	4 / 60' Story / Feet
Actual Building Height (504.3)	3 / 40' - 8" Story / Feet

ALLOWABLE AREA
Equation 5-2 (506.2.3)
Aa = [At + (NS x If)] x Sa

Tabular area factor: 12,000
NS area factor: 12,000

Equation 5-5 (506.3)
If = (F/P - 0.25) W / 30

F= 147+87+158=392
P= 533
W=30

If = (392 / 533 - 0.25) x 30 /30
If = (.735 -.25) x 1
If = .485

Aa = [12,000 + (12,000 x .485)] x 3
Aa = 53,460
Building 2A Total Actual Area: 32,289 SF

BUILDING 2B

Construction Type	5A
Use Group	R2, A2 & B
Fire Protection	Fully–Sprinklered (NFPA 13R)
Accessibility	2010 ADA Guidelines & 2009 ICC/ANSI A117.1
Housing Act	Fair Housing Act

GENERAL BUILDING LIMITATIONS (Chapter 5 & 6) BUILDING 2B – TYPE 5A

Allowed Building Height (504.3 & 504.4) R2:	4 / 60' Story / Feet
Allowed Building Height (504.3 & 504.4) A2:	3 / 70 Story / Feet
Allowed Building Height (504.3 & 504.4) B:	4 / 70' Story / Feet
Actual Building Height R2:	3 / 40' - 8" Story / Feet
Actual Building Height A2 / B:	1 / 10' - 8" & 21'-4"

ALLOWABLE AREA
Equation 5-3 (506.2.4)
Aa = [At + (NS x If)]

R2
Tabular area factor: 12,000
NS area factor: 12,000

A2
Tabular area factor: 34,500
NS area factor: 11,500

B
Tabular area factor: 54,000
NS area factor: 18,000

Equation 5-5 (506.3.3)
If = (F/P - 0.25) W / 30

F= 42+39+131+123=335
P= 405
W=30

If = (355 / 405 - 0.25) x 30 /30
If = (.877 -.25) x 1
If = .627

FIRST FLOOR AREA
Aa = [12,000 + (12,000 x .627)]
Aa = 19,524
First Floor Total Actual Area: 12,888 SF

SECOND FLOOR AREA
Aa = [12,000 + (12,000 x .627)]
Aa = 19,524
Second Floor Total Actual Area: 12,766 SF

THIRD FLOOR AREA
Aa = [12,000 + (12,000 x .627)]
Aa = 19,524
Third Floor Total Actual Area: 12,692 SF

BUILDING 2C

Construction Type	5A
Use Group	R2
Fire Protection	Fully–Sprinklered (NFPA 13R)
Accessibility	2010 ADA Guidelines & 2009 ICC/ANSI A117.1
Housing Act	Fair Housing Act

GENERAL BUILDING LIMITATIONS (Chapter 5 & 6) BUILDING 2C – TYPE 5A

Allowed Building Height (504.3 & 504.4)	4 / 60' Story / Feet
Actual Building Height (504.3)	3 / 40' - 8" Story / Feet

ALLOWABLE AREA
Equation 5-2 (506.2.3)
Aa = [At + (NS x If)] x Sa

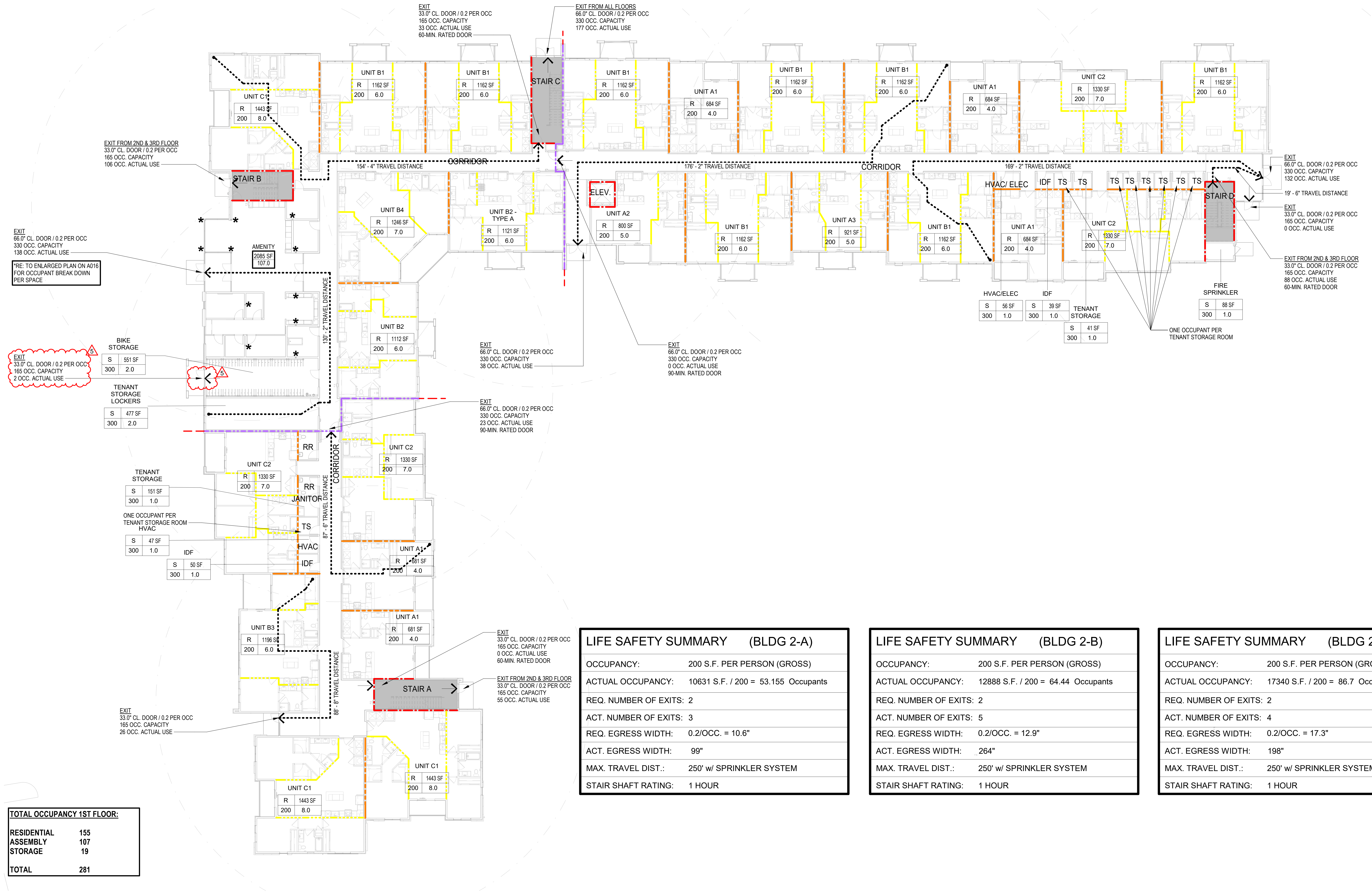
Tabular area factor: 12,000
NS area factor: 12,000

Equation 5-5 (506.3)
If = (F/P - 0.25) W / 30

F= 245+74+246=565
P= 616
W=30

If = (565 / 616 - 0.25) x 30 /30
If = (.917 -.25) x 1
If = .667

Aa = [12,000 + (12,000 x .667)] x 3
Aa = 60,012
Building 2C Total Actual Area: 52,050 SF


EXIT
33.0" CL. DOOR / 0.2 PER OCC
165 OCC. CAPACITY
33 OCC. ACTUAL USE
60-MIN. RATED DOOR
EXIT FROM ALL FLOORS
66.0" CL. DOOR / 0.2 PER OCC
330 OCC. CAPACITY
177 OCC. ACTUAL USE
STAIR C
UNIT C1
R 1443 SF 200 8.0
UNIT B1
R 1162 SF 200 6.0
UNIT A1
R 684 SF 200 4.0
UNIT C2
R 1330 SF 200 7.0
EXIT FROM 2ND & 3RD FLOOR
33.0" CL. DOOR / 0.2 PER OCC
165 OCC. CAPACITY
106 OCC. ACTUAL USE
STAIR B
154' - 4" TRAVEL DISTANCE
CORRIDOR
176' - 2" TRAVEL DISTANCE
CORRIDOR
169' - 2" TRAVEL DISTANCE
EXIT
66.0" CL. DOOR / 0.2 PER OCC
330 OCC. CAPACITY
132 OCC. ACTUAL USE
19' - 6" TRAVEL DISTANCE
EXIT
33.0" CL. DOOR / 0.2 PER OCC
165 OCC. CAPACITY
0 OCC. ACTUAL USE
EXIT FROM 2ND & 3RD FLOOR
33.0" CL. DOOR / 0.2 PER OCC
165 OCC. CAPACITY
88 OCC. ACTUAL USE
60-MIN. RATED DOOR
UNIT B4
R 1246 SF 200 7.0
UNIT B2 - TYPE A
R 1121 SF 200 6.0
ELEV.
UNIT A2
R 800 SF 200 5.0
UNIT A3
R 921 SF 200 5.0
HVAC/ ELEC
IDF
TS
STAIR D
HVAC/ELEC
S 56 SF 300 1.0
IDF
S 39 SF 300 1.0
TENANT STORAGE
S 41 SF 300 1.0
ONE OCCUPANT PER TENANT STORAGE ROOM
FIRE SPRINKLER
S 88 SF 300 1.0
EXIT
66.0" CL. DOOR / 0.2 PER OCC
330 OCC. CAPACITY
138 OCC. ACTUAL USE
*RE: TO ENLARGED PLAN ON A016 FOR OCCUPANT BREAK DOWN PER SPACE
AMENITY
2085 SF 107.0
130' - 2" TRAVEL DISTANCE
UNIT B2
R 1112 SF 200 6.0
EXIT
66.0" CL. DOOR / 0.2 PER OCC
330 OCC. CAPACITY
38 OCC. ACTUAL USE
EXIT
66.0" CL. DOOR / 0.2 PER OCC
330 OCC. CAPACITY
0 OCC. ACTUAL USE
90-MIN. RATED DOOR
BIKE STORAGE
S 551 SF 300 2.0
EXIT
33.0" CL. DOOR / 0.2 PER OCC
165 OCC. CAPACITY
2 OCC. ACTUAL USE
5
TENANT STORAGE LOCKERS
S 477 SF 300 2.0
EXIT
66.0" CL. DOOR / 0.2 PER OCC
330 OCC. CAPACITY
23 OCC. ACTUAL USE
90-MIN. RATED DOOR
RR
CORRIDOR
RR
JANITOR
TS
HVAC
IDF
TENANT STORAGE
S 151 SF 300 1.0
ONE OCCUPANT PER TENANT STORAGE ROOM
HVAC
S 47 SF 300 1.0
IDF
S 50 SF 300 1.0
87' - 6" TRAVEL DISTANCE
UNIT A1
R 681 SF 200 4.0
UNIT B3
R 1196 SF 200 6.0
88' - 8" TRAVEL DISTANCE
EXIT
33.0" CL. DOOR / 0.2 PER OCC
165 OCC. CAPACITY
0 OCC. ACTUAL USE
60-MIN. RATED DOOR
EXIT FROM 2ND & 3RD FLOOR
33.0" CL. DOOR / 0.2 PER OCC
165 OCC. CAPACITY
55 OCC. ACTUAL USE
STAIR A
EXIT
33.0" CL. DOOR / 0.2 PER OCC
165 OCC. CAPACITY
26 OCC. ACTUAL USE
UNIT C1
R 1443 SF 200 8.0

TOTAL OCCUPANCY 1ST FLOOR:

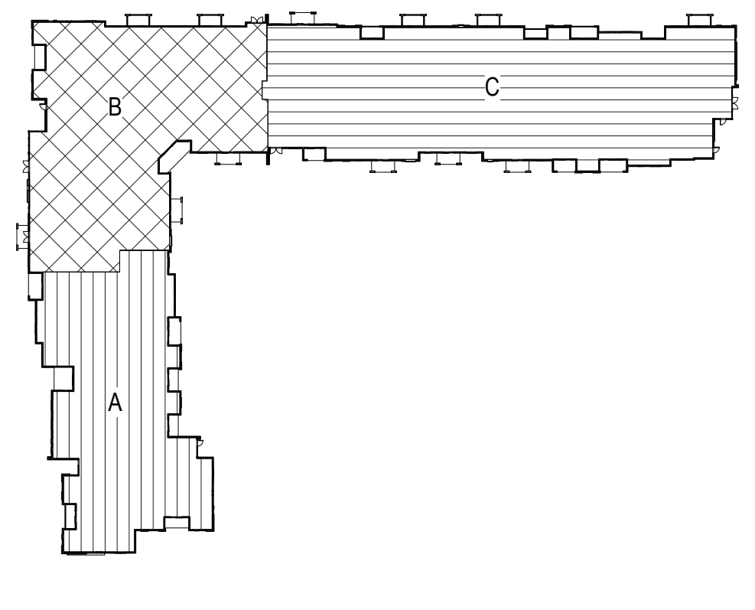
RESIDENTIAL	155
ASSEMBLY	107
STORAGE	19
TOTAL	281

LIFE SAFETY SUMMARY	(BLDG 2-A)
OCCUPANCY:	200 S.F. PER PERSON (GROSS)
ACTUAL OCCUPANCY:	10631 S.F. / 200 = 53.155 Occupants
REQ. NUMBER OF EXITS:	2
ACT. NUMBER OF EXITS:	3
REQ. EGRESS WIDTH:	0.2/OCC. = 10.6"
ACT. EGRESS WIDTH:	99"
MAX. TRAVEL DIST.:	250' w/ SPRINKLER SYSTEM
STAIR SHAFT RATING:	1 HOUR

LIFE SAFETY SUMMARY	(BLDG 2-B)
OCCUPANCY:	200 S.F. PER PERSON (GROSS)
ACTUAL OCCUPANCY:	12888 S.F. / 200 = 64.44 Occupants
REQ. NUMBER OF EXITS:	2
ACT. NUMBER OF EXITS:	5
REQ. EGRESS WIDTH:	0.2/OCC. = 12.9"
ACT. EGRESS WIDTH:	264"
MAX. TRAVEL DIST.:	250' w/ SPRINKLER SYSTEM
STAIR SHAFT RATING:	1 HOUR

LIFE SAFETY SUMMARY	(BLDG 2-C)
OCCUPANCY:	200 S.F. PER PERSON (GROSS)
ACTUAL OCCUPANCY:	17340 S.F. / 200 = 86.7 Occupants
REQ. NUMBER OF EXITS:	2
ACT. NUMBER OF EXITS:	4
REQ. EGRESS WIDTH:	0.2/OCC. = 17.3"
ACT. EGRESS WIDTH:	198"
MAX. TRAVEL DIST.:	250' w/ SPRINKLER SYSTEM
STAIR SHAFT RATING:	1 HOUR

4 **BLDG 2 FIRST FLOOR - LIFE SAFETY PLAN**
SCALE: 1/16" = 1'-0"



KEYPLAN BLDG 2

RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
5.12.2022

ARCHITECT	TR,i ARCHITECTS
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GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

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DATE: 7.15.2021

REVISIONS #

5	Revision 3	5.12.2022

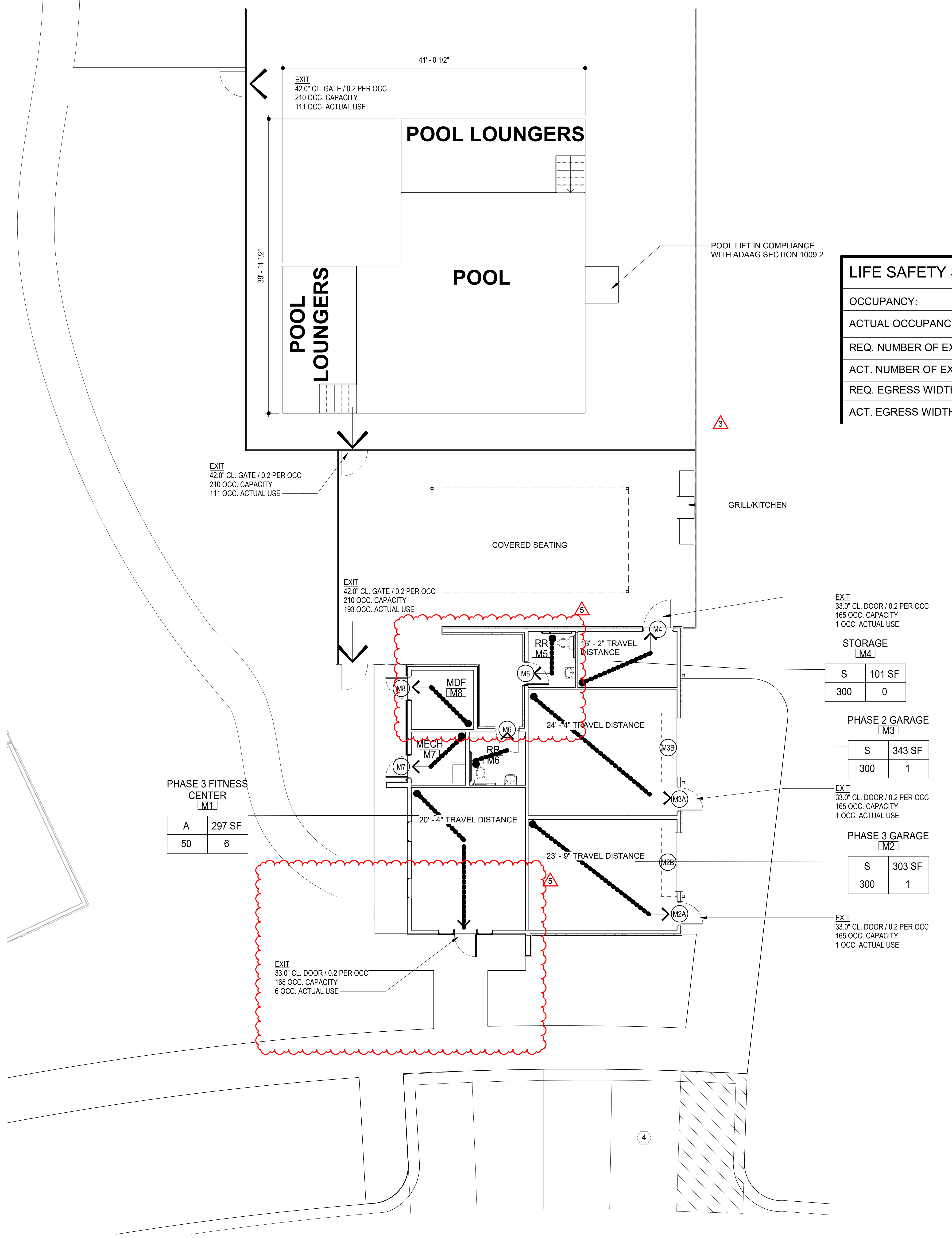
DWG BY MKSS

TR,i PROJECT NO. 20-001

SHEET NO.

A013

BLDG 2 - LIFE SAFETY PLAN


EXIT
42.0" CL. GATE / 0.2 PER OCC
210 OCC. CAPACITY
111 OCC. ACTUAL USE
41' - 0 1/2"
39' - 11 1/2"
POOL LOUNGERS
POOL
POOL LOUNGERS
POOL LIFT IN COMPLIANCE WITH ADAAG SECTION 1009.2
3
EXIT
42.0" CL. GATE / 0.2 PER OCC
210 OCC. CAPACITY
111 OCC. ACTUAL USE
GRILL/KITCHEN
COVERED SEATING
EXIT
42.0" CL. GATE / 0.2 PER OCC
210 OCC. CAPACITY
193 OCC. ACTUAL USE
5
EXIT
33.0" CL. DOOR / 0.2 PER OCC
165 OCC. CAPACITY
1 OCC. ACTUAL USE
M4
RR M5
M5
13' - 2" TRAVEL DISTANCE
STORAGE M4
S | 101 SF
300 | 0
M8
MDF M8
M6
24' - 4" TRAVEL DISTANCE
PHASE 2 GARAGE M3
S | 343 SF
300 | 1
M3B
MECH M7
RR M6
M7
M3A
EXIT
33.0" CL. DOOR / 0.2 PER OCC
165 OCC. CAPACITY
1 OCC. ACTUAL USE
PHASE 3 FITNESS CENTER M1
A | 297 SF
50 | 6
20' - 4" TRAVEL DISTANCE
23' - 9" TRAVEL DISTANCE
PHASE 3 GARAGE M2
S | 303 SF
300 | 1
M2B
M2A
5
EXIT
33.0" CL. DOOR / 0.2 PER OCC
165 OCC. CAPACITY
1 OCC. ACTUAL USE
EXIT
33.0" CL. DOOR / 0.2 PER OCC
165 OCC. CAPACITY
6 OCC. ACTUAL USE
4

LIFE SAFETY SUMMARY (POOL & DECK)

OCCUPANCY: DECK 15 S.F. / PERSON POOL 20 S.F. / PERSON

ACTUAL OCCUPANCY: DECK 2340 S.F. / 15 = 156 OCC.
POOL 1319 S.F. /20 = 66 OCC.
TOTAL = 222 OCC.

REQ. NUMBER OF EXITS: 2

ACT. NUMBER OF EXITS: 2

REQ. EGRESS WIDTH: 222 OCC. * 0.2 / OCC. = 44"

ACT. EGRESS WIDTH: 126"

LIFE SAFETY SUMMARY (SEATING)

OCCUPANCY: 15 S.F. PER PERSON (GROSS)

ACTUAL OCCUPANCY: 1235 S.F. / 15 = 82 Occupants

REQ. NUMBER OF EXITS: 1

ACT. NUMBER OF EXITS: 1

REQ. EGRESS WIDTH: 0.2/OCC. = 16.5"

ACT. EGRESS WIDTH: 42"

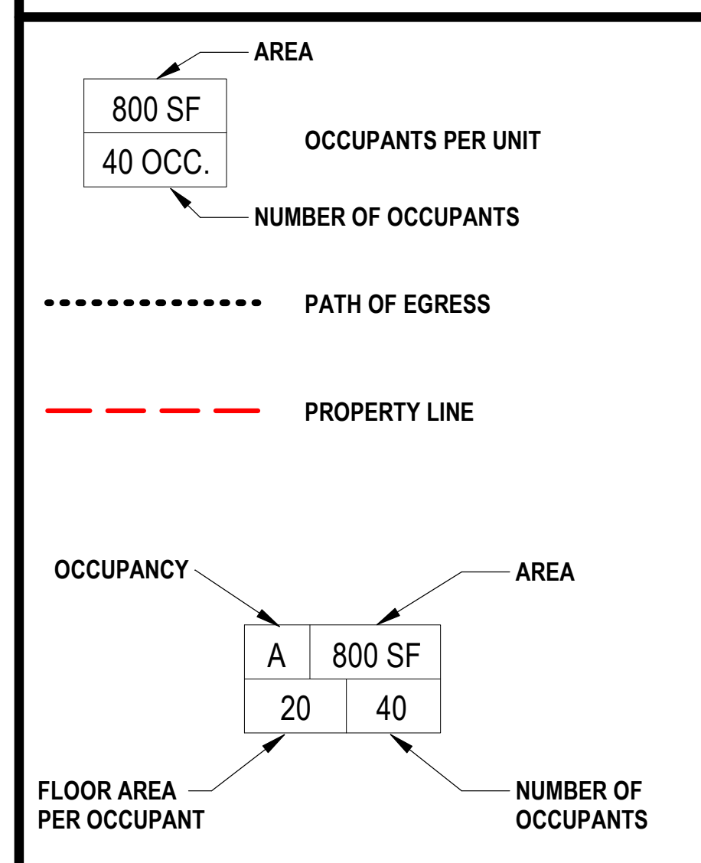
4 MAINTENANCE / POOL HOUSE LIFE SAFETY PLAN

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

LIFE SAFETY GENERAL NOTES

1. ALL RESIDENTIAL CORRIDORS ARE 1-HOUR FIRE RATED UNLESS OTHERWISE NOTED.
2. ALL DOORS LEADING TO UNITS ARE 20 MINUTES RATED UNLESS OTHERWISE NOTED.
3. AREA OF REFUGE NOT REQUIRED IN STAIRS PER SECTION 1009.3.3 EXCEPTION 5 2018 IBC.
4. AREA OF REFUGE NOT REQUIRED AT ELEVATOR PER SECTION 1009.4.2 EXCEPTION 2 2018 IBC.
5. MAXIMUM AREA OF EXTERIOR WALL UNPROTECTED OPENING IS BASED ON FIRE SEPARATION DISTANCE AND DEGREE OF OPENING PROTECTION STATED ON TABLE 705.8 OF 2018 IBC.
6. ALL EXTERIOR LOAD BEARING WALLS (WOOD CONSTRUCTION) TO BE 1-HOUR FIRE RATED PER UL U356 UNLESS OTHERWISE NOTED.
7. ALL LOAD BEARING WALLS INSIDE UNITS TO BE 1-HOUR FIRE RATED PER UL U305. REFER TO UNIT PLANS FOR LOCATIONS.
8. GENERAL CONTRACTOR TO FURNISHED AND INSTALL A-B-C RATED FIRE EXTINGUISHERS AT 4'-0" A.F.F. AS REQUIRED BY AUTHORITY HAVING JURISDICTION. MAXIMUM TRAVEL DISTANCE OF 75'-0" FOR PLACEMENT AND PER 906 (NFPA 10). SEE PLAN FOR PROPOSED LOCATIONS. FINAL LOCATIONS AS REQUIRED BY AUTHORITY HAVING JURISDICTION
9. STEEL COLUMN WRAP DETAILS ON SHEETS A058, A059, & A370

SYMBOL LEGEND


AREA
800 SF
40 OCC.
OCCUPANTS PER UNIT
NUMBER OF OCCUPANTS
OCCUPANCY
AREA
A
800 SF
20
40
FLOOR AREA PER OCCUPANT
NUMBER OF OCCUPANTS

••••••••••	PATH OF EGRESS
— — — —	PROPERTY LINE
▨	1-HR STAIR SHAFT
— - - - —	1-HR FIRE PARTITION
—·—·—	1-HR FIRE BARRIER
—··—··—	2-HR FIRE WALL
—···—···—	2-HR SHAFT WALL
—·····—	1-HR INTERIOR BEARING WALL
FEC	FIRE EXTINGUISHER CABINET
*	STEEL COLUMNS TO HAVE 1 HR PROTECTION PER UL X526, STEEL BEAMS TO BE 1 HR RATED PER UL X649
@	STEEL COLUMNS TO HAVE 1 HR PROTECTION PER UL X650

BUILDING CODES ADOPTED

Building Code	2018 International Building Code (IBC)
Mechanical Code	2018 International Mechanical Code (IMC)
Plumbing Code	2018 International Plumbing Code (IPC)
Fuel Gas Code	2018 International Fuel Gas Code
Electrical Code	2017 National Electrical Code
Energy Code	2018 International Energy Conservation Code (IECC)

ALLOWABLE AREA
Equation 5-1 (506.2.2) - MIXED USE
Aa = At + (NS x If)

Aa = Allowable area
At= Tabular area factor (table 506.2)
NS= Tabular area factor for non sprinkler building (table 506.2)
If= area factor increase due to frontage percent per 506.3 (equation 5-5)
-Each story of mixed use occupancy building shall be calculated separately and individually comply with the allowable area based on the most restrictive occupancy per 508.3.2 and 503.1

FONTAGE INCREASE
Equation 5-5 (506.3)
If = (F/P - 0.25) W / 30

If= Area increase due to frontage
F= Building Perimeter on public way/ open space (min. 20 ft.)
P= Building Perimeter (total)
W= Width of public way / open space

MAINTENANCE/ POOL HOUSE

Construction Type	5A
Use Group	S-1, & B
Fire Protection	Fully–Sprinklered (NFPA 13R)
Accessibility	2010 ADA Guidelines & 2009 ICC/ANSI A117.1
Housing Act	Fair Housing Act

GENERAL BUILDING LIMITATIONS (Chapter 5 & 6)

Allowed Building Height (504.3 & 504.4) S-1:	3 / 50' Story / Feet
Allowed Building Height (504.3 & 504.4) B:	3 / 50' Story / Feet
Actual Building Height:	1 / 17' - 11" Story / Feet

ALLOWABLE AREA
Equation 5-1 (506.2.2)
Aa = At + (NS x If)

B
Tabular area factor: 18,000
NS area factor: 18,000

S-1
Tabular area factor: 14,000
NS area factor: 14,000

Equation 5-5 (506.3.3)
If = (F/P - 0.25) W / 30

F= 33 + 33
P= 222
W=30

If = (66 / 222 - 0.25) x 30 /30
If = (.30 -.25) x 1
If = .05

FLOOR AREA
Aa = [14,000 + (14,000 x .05)]
Aa = 14,700
S-1 Floor Total Actual Area: 1,443 SF

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
05/23/2022

RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
5.12.2022

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	SM ENGINEERING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

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The Signature at West Pryor

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DATE: 7.15.2021

REVISIONS #

1	PERMIT COMMENTS	8.17.2021
3	Revision 1	2.11.2022
5	Revision 3	5.12.2022

DWG BY Author

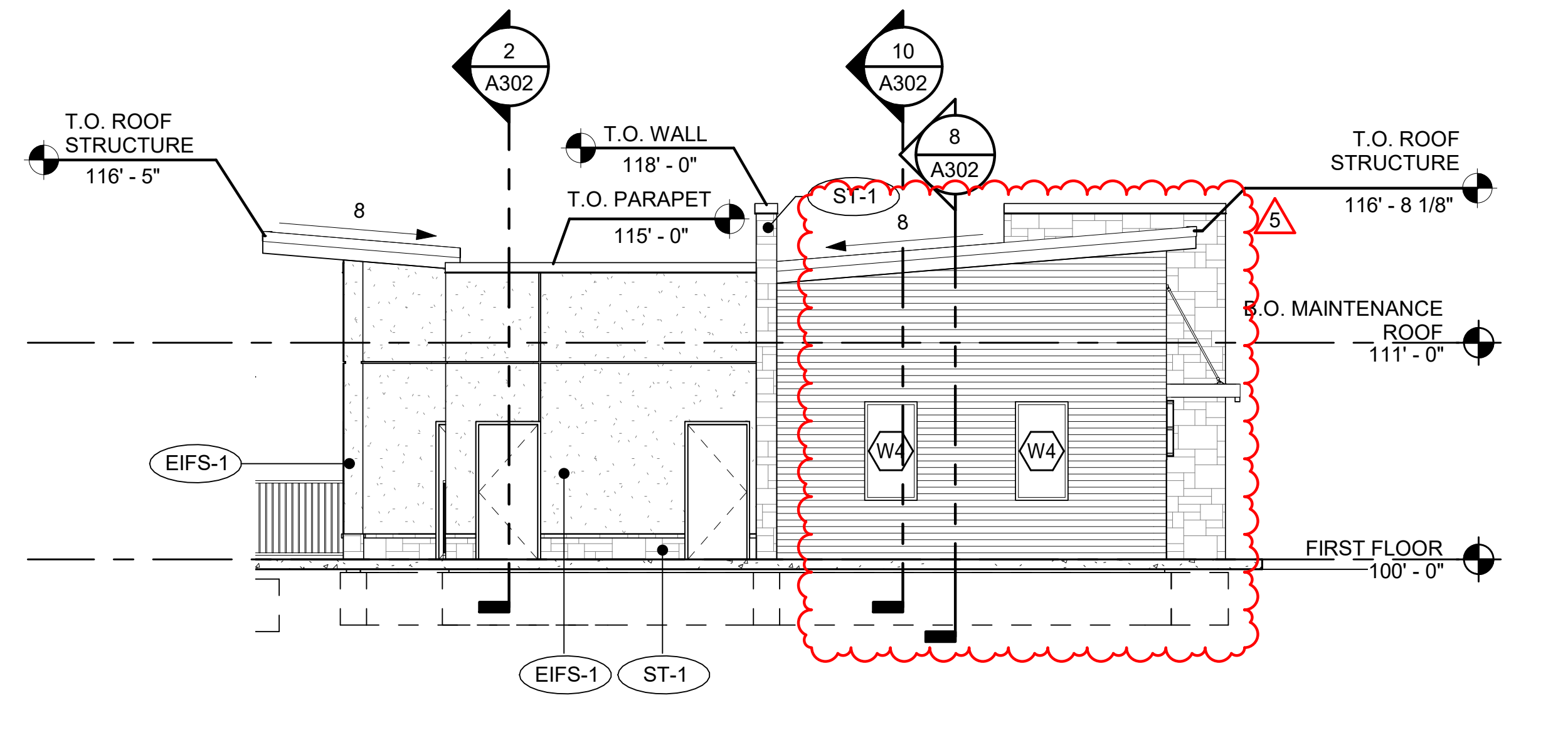
TR,i PROJECT NO. 20-001

SHEET NO. 1

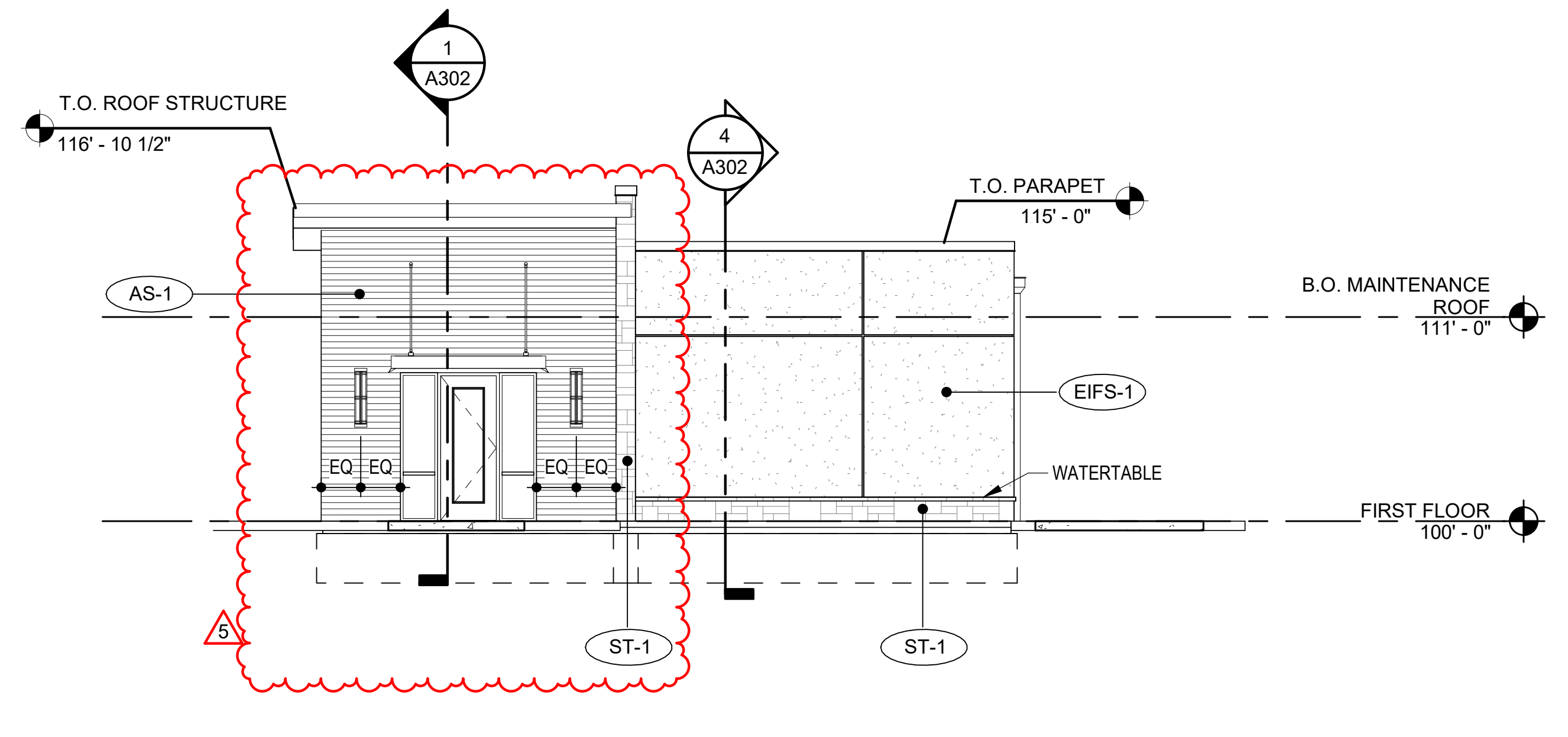
A018

MAINTENANCE / POOL HOUSE LIFE SAFETY PLAN

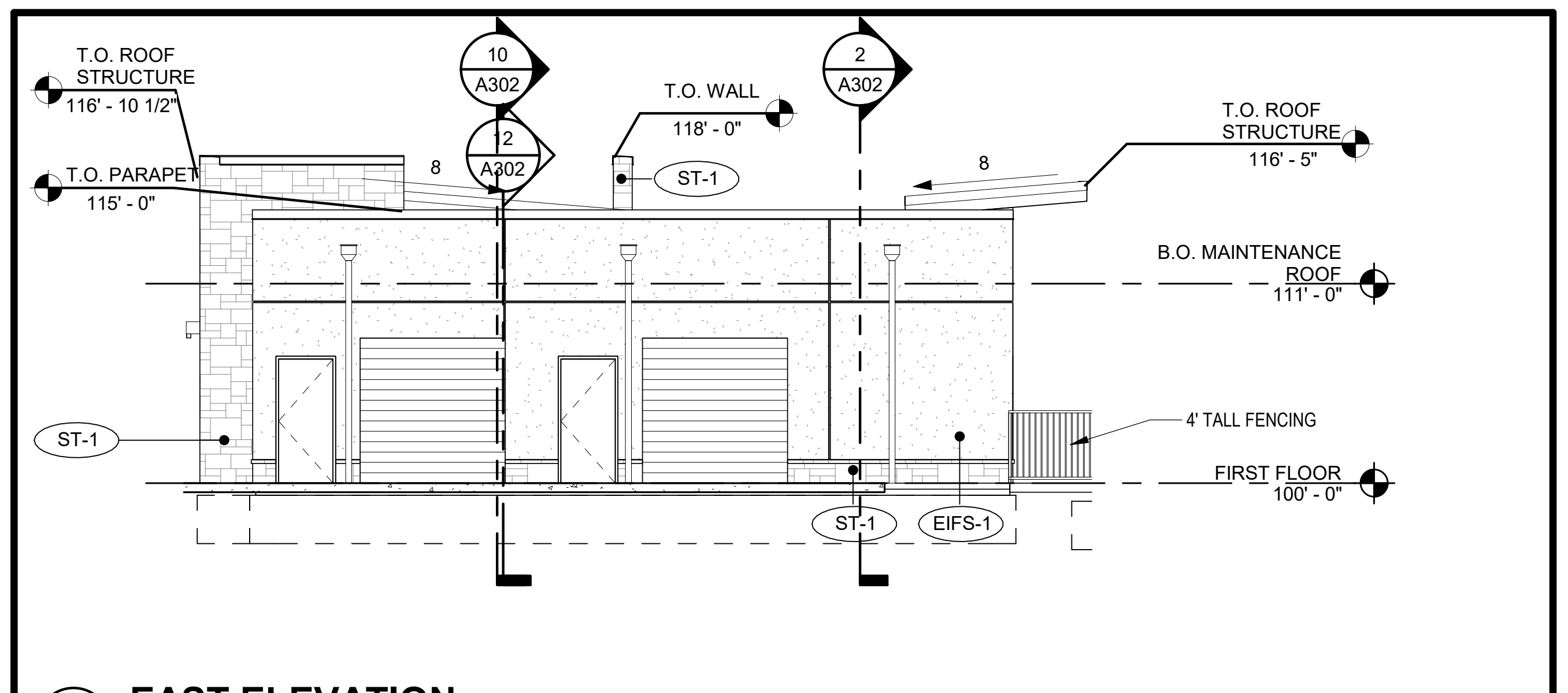
RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
05/23/2022


T.O. ROOF STRUCTURE 116' - 5"
T.O. WALL 118' - 0"
T.O. PARAPET 115' - 0"
T.O. ROOF STRUCTURE 116' - 8 1/8"
B.O. MAINTENANCE ROOF 111' - 0"
FIRST FLOOR 100' - 0"
2 A302
10 A302
8 A302
8
EIFS-1
ST-1
W4
5

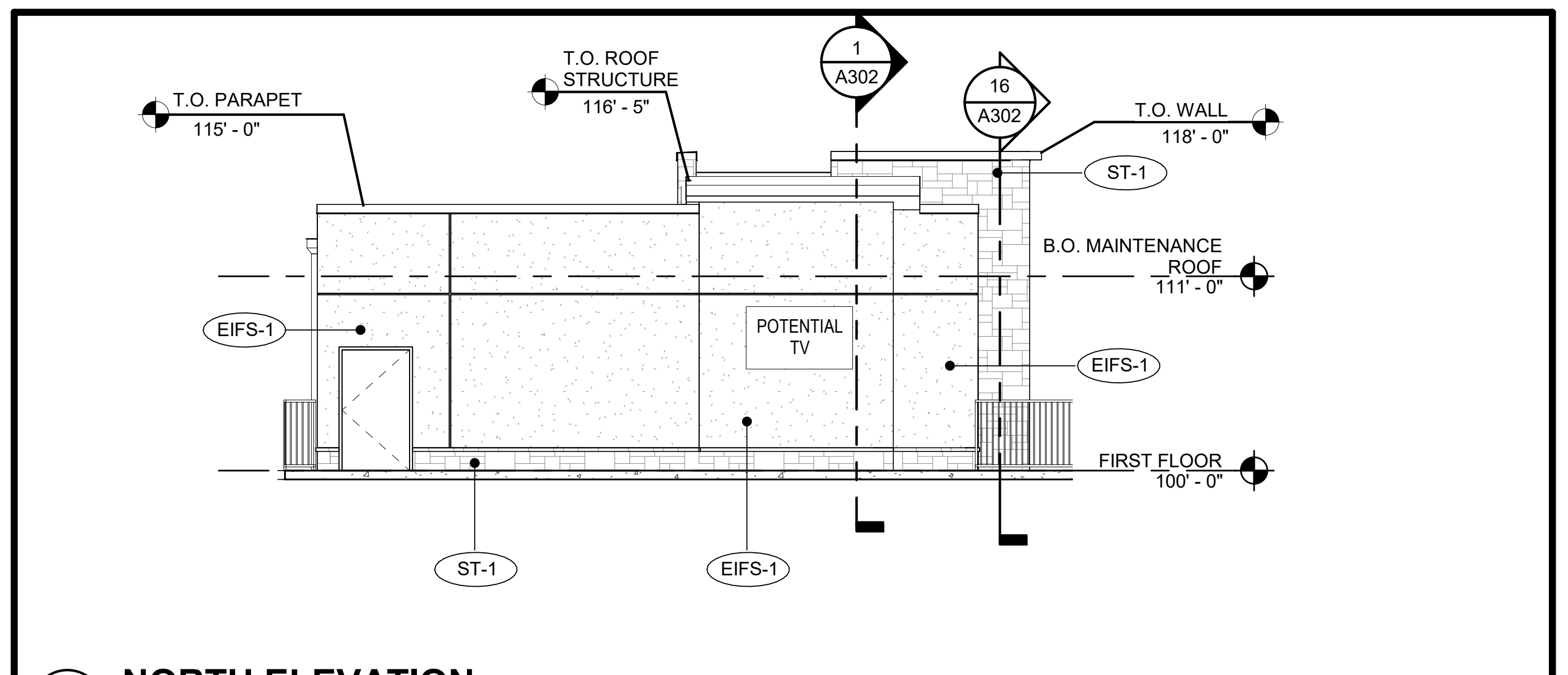
9 WEST ELEVATION
SCALE: 1/8" = 1'-0"


T.O. ROOF STRUCTURE 116' - 10 1/2"
T.O. PARAPET 115' - 0"
B.O. MAINTENANCE ROOF 111' - 0"
FIRST FLOOR 100' - 0"
1 A302
4 A302
AS-1
EIFS-1
WATERTABLE
EQ EQ
EQ EQ
ST-1
5

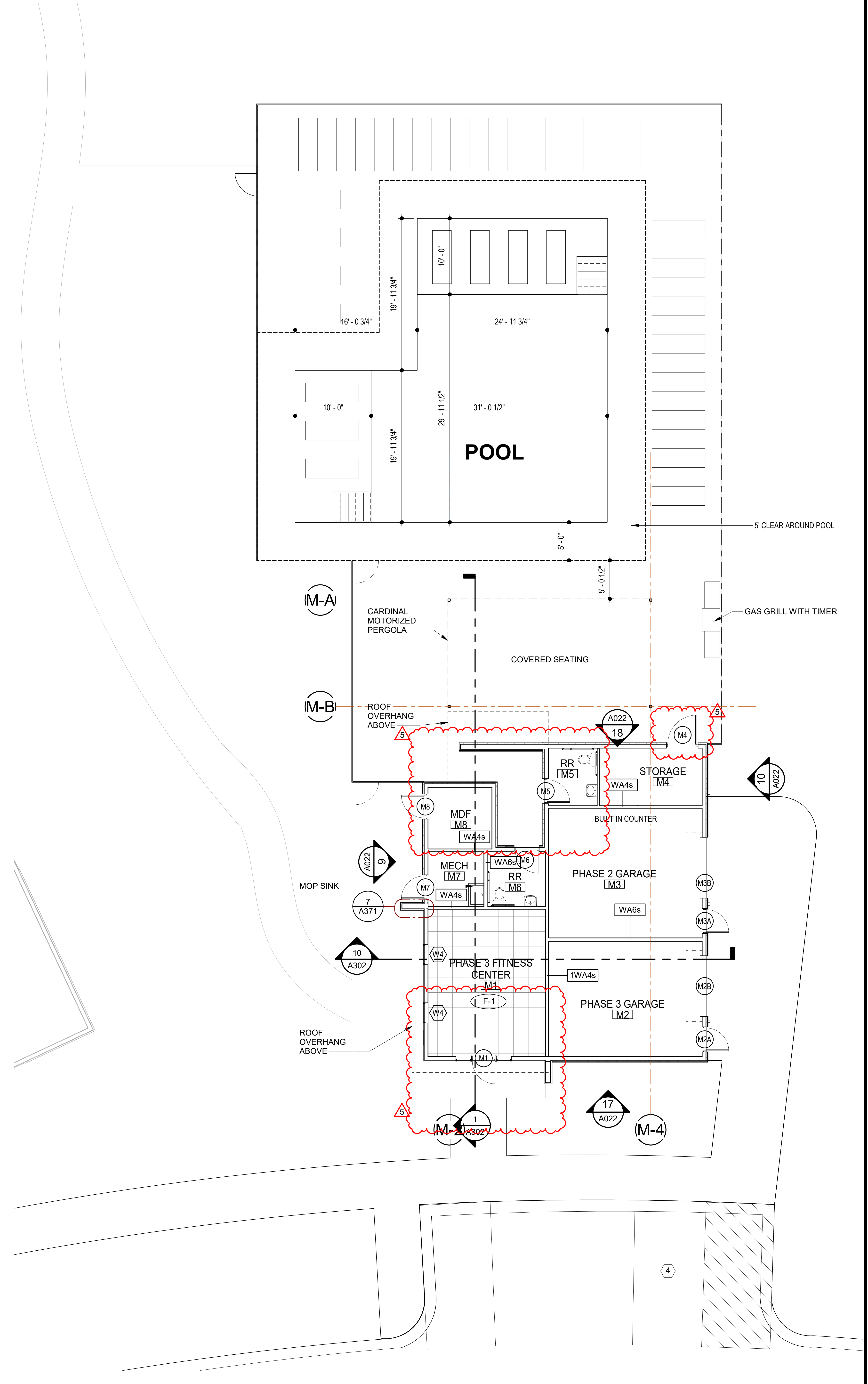
17 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"


T.O. ROOF STRUCTURE 116' - 10 1/2"
T.O. PARAPET 115' - 0"
T.O. WALL 118' - 0"
T.O. ROOF STRUCTURE 116' - 5"
B.O. MAINTENANCE ROOF 111' - 0"
FIRST FLOOR 100' - 0"
10 A302
2 A302
8
ST-1
EIFS-1
4' TALL FENCING

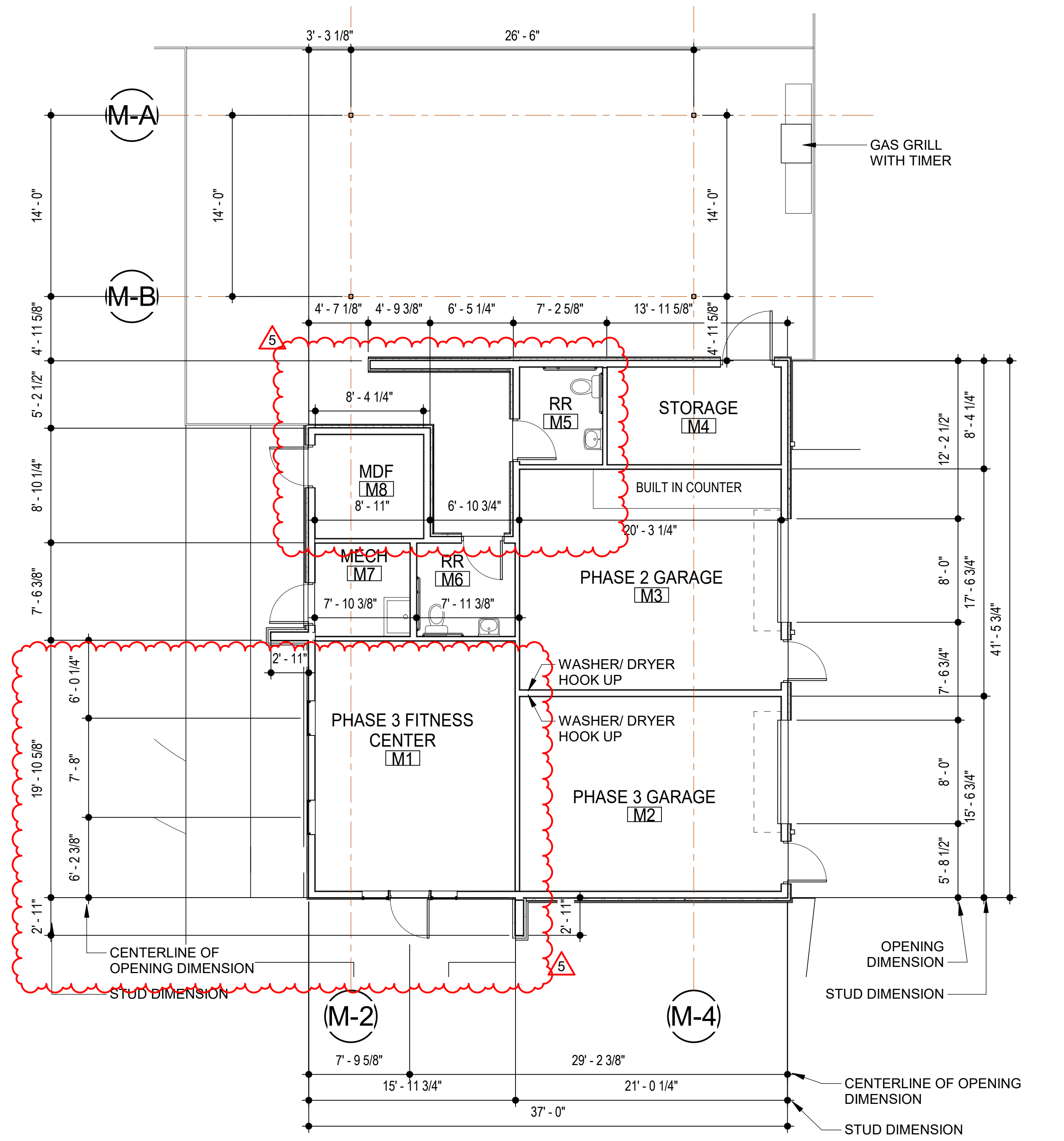
10 EAST ELEVATION
SCALE: 1/8" = 1'-0"


T.O. PARAPET 115' - 0"
T.O. ROOF STRUCTURE 116' - 5"
T.O. WALL 118' - 0"
B.O. MAINTENANCE ROOF 111' - 0"
FIRST FLOOR 100' - 0"
1 A302
16 A302
EIFS-1
ST-1
POTENTIAL TV

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


POOL
16' - 0 3/4"
24' - 11 3/4"
19' - 11 3/4"
10' - 0"
29' - 11 1/2"
31' - 0 1/2"
5' - 0"
5' - 0 1/2"
5' CLEAR AROUND POOL
M-A
M-B
M-2
M-4
CARDINAL MOTORIZED PERGOLA
COVERED SEATING
GAS GRILL WITH TIMER
ROOF OVERHANG ABOVE
A022 18
10 A022
9 A022
7 A371
10 A302
1 A302
17 A022
MOP SINK
RR M5
STORAGE M4
MDF M8
MECH M7
RR M6
BUILT IN COUNTER
PHASE 2 GARAGE M3
PHASE 3 FITNESS CENTER M1
PHASE 3 GARAGE M2
WA4s
WA6s
M1
M2A
M2B
M3A
M3B
F-1
W4
4
5

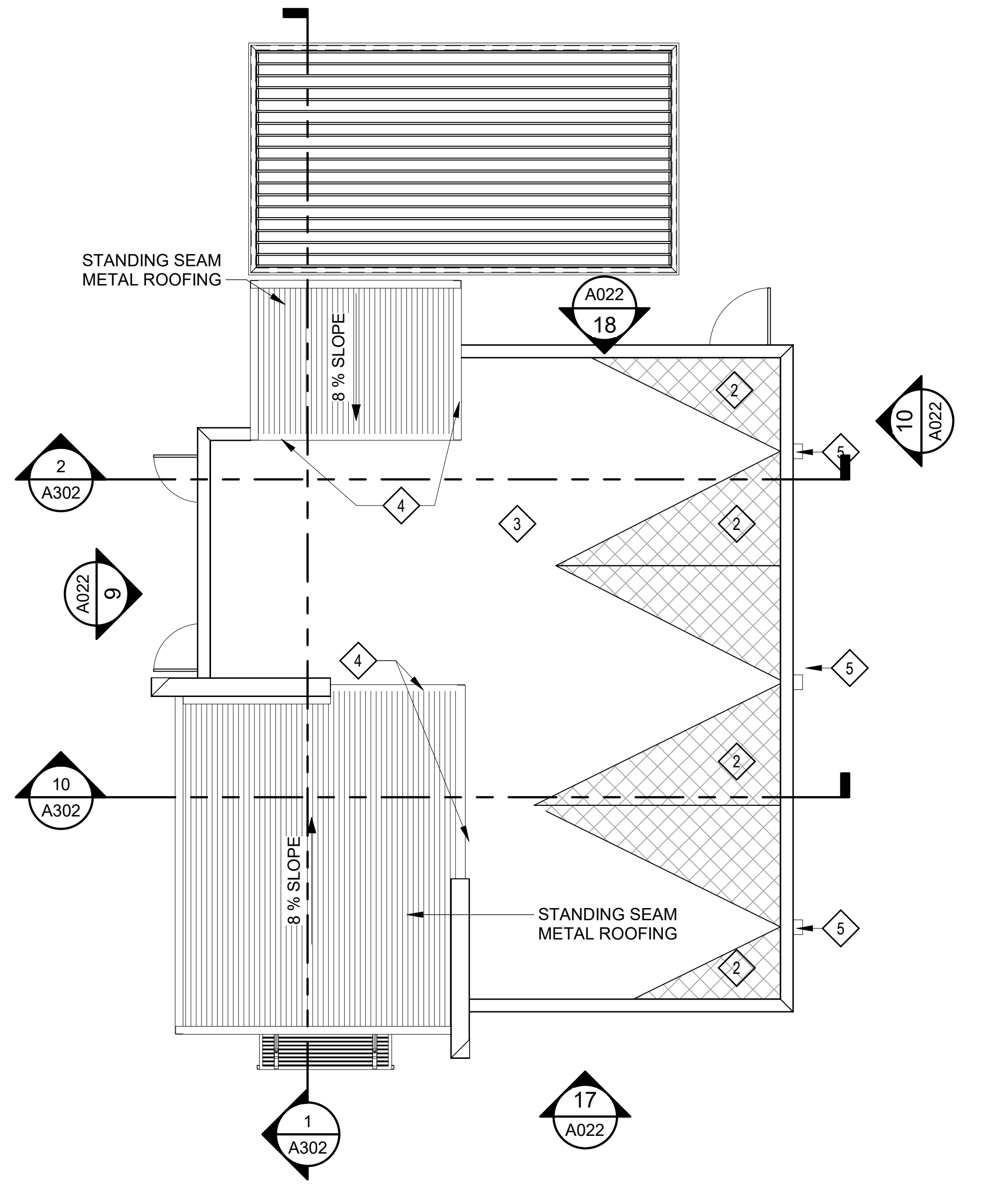
4 MAINTENANCE / POOL HOUSE SITE PLAN
SCALE: 1/8" = 1'-0"


3' - 3 1/8"
26' - 6"
M-A
M-B
M-2
M-4
14' - 0"
GAS GRILL WITH TIMER
4' - 7 1/8"
4' - 9 3/8"
6' - 5 1/4"
7' - 2 5/8"
13' - 11 5/8"
8' - 4 1/4"
RR M5
STORAGE M4
MDF M8
8' - 11"
6' - 10 3/4"
BUILT IN COUNTER
20' - 3 1/4"
MECH M7
RR M6
7' - 10 3/8"
7' - 11 3/8"
PHASE 2 GARAGE M3
WASHER/ DRYER HOOK UP
PHASE 3 FITNESS CENTER M1
PHASE 3 GARAGE M2
CENTERLINE OF OPENING DIMENSION
STUD DIMENSION
OPENING DIMENSION
7' - 9 5/8"
29' - 2 3/8"
15' - 11 3/4"
21' - 0 1/4"
37' - 0"
41' - 5 3/4"
19' - 10 5/8"
5

CENTERLINE OF OPENING DIMENSION
STUD DIMENSION

MAINTENANCE / POOL HOUSE ROOM FINISHES					
ROOM NUMBER	NAME	CEILING FINISH	FLOOR FINISH	WALL FINISH	BASE FINISH
M1	PHASE 3 FITNESS CENTER	PT-2	F-1	PT-3	PT-2
M2	PHASE 3 GARAGE	PT-2	SEALED CONCRETE	PT-2 EPOXY	VB-1
M3	PHASE 2 GARAGE	PT-2	SEALED CONCRETE	PT-2 EPOXY	VB-1
M4	STORAGE	PT-2	SEALED CONCRETE	PT-2 EPOXY	VB-1
M5	RR	PT-2	SEALED CONCRETE	PT-2 EPOXY	VB-1
M6	RR	PT-2	SEALED CONCRETE	PT-2 EPOXY	VB-1
M7	MECH	PT-2	SEALED CONCRETE	PT-2 EPOXY	VB-1
M8	MDF	PT-2	SEALED CONCRETE	PT-2 EPOXY	VB-1

12 MAINTENANCE / POOL HOUSE PLAN
SCALE: 1/8" = 1'-0"


STANDING SEAM METAL ROOFING
8 % SLOPE
A022 18
10 A022
9 A022
2 A302
10 A302
1 A302
17 A022
1
2
3
4
5
STANDING SEAM METAL ROOFING

DOWNSPOUT CALCS

1,792 S.F. / 3 DOWNSPOUTS = 597 S.F./D.S.
(SMACNA) TABLE 1-2 - 100 YEAR S.F./S.I. = 120
597 /120 = 4.975 SQUARE INCHES OF DOWNSPOUT AREA
USE (3) 4" SQ. DOWNSPOUTS

ROOF KEYED NOTES

1. PROVIDE TAPERED CRICKETS AT ALL ROOF TOP UNITS, SLOPE 1/2" PER FOOT MINIMUM. INSTALL FLASHING AND COUNTER FLASHING PER ROOFING MANUFACTURER'S WRITTEN RECOMMENDATIONS.
2. TAPERED CRICKETS AS REQUIRED. SLOPE 1/2" PER FOOT MINIMUM. ▨
3. FULLY ADHERED T.P.O. ROOF MEMBRANE.
4. CHANGE IN ROOF SLOPE AND/OR ELEVATION.
5. THRU-WALL ROOF SCUPPER WITH OVERFLOW.

20 MAINTENANCE / POOL HOUSE ROOF PLAN
SCALE: 1/8" = 1'-0"

TR,i ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
SM ENGINEERING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

Tegethoff DEVELOPMENT

The Signature at West Pryor

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DATE: 7.15.2021

REVISIONS #

1	PERMIT COMMENTS	8.17.2021
5	Revision 3	5.12.2022

DWG BY MKSS

TR,i PROJECT NO. 20-001

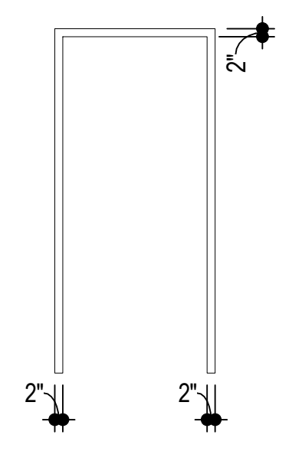
SHEET NO.

A022

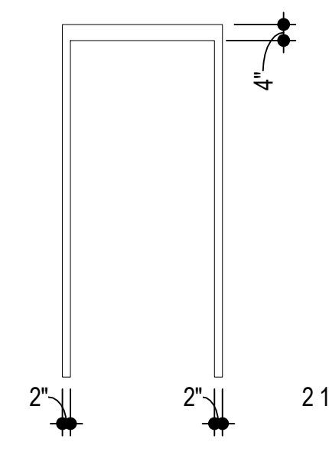
MAINTENANCE SHED / POOL HOUSE

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
05/23/2022

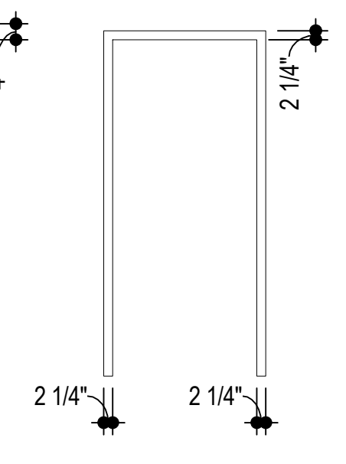
DOOR FRAME TYPES



1

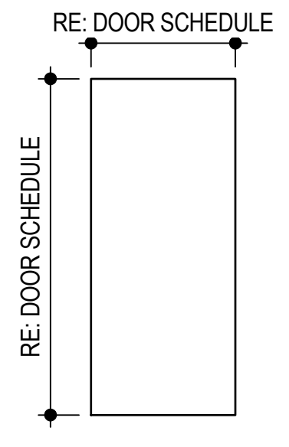


2

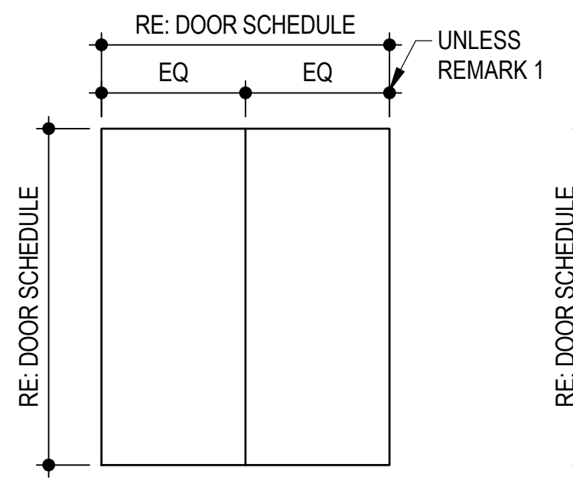


3

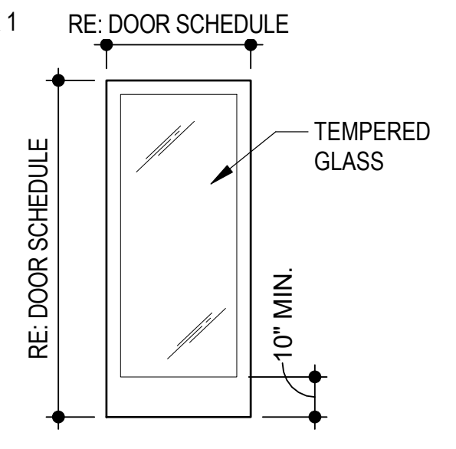
DOOR TYPES



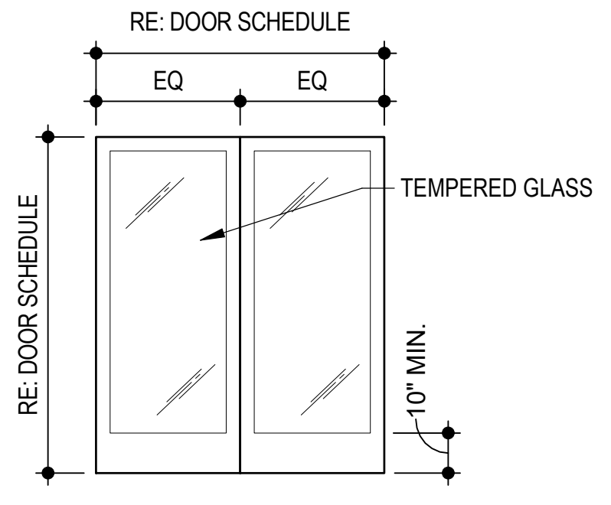
A
FLUSH
HOLLOW METAL/ WOOD



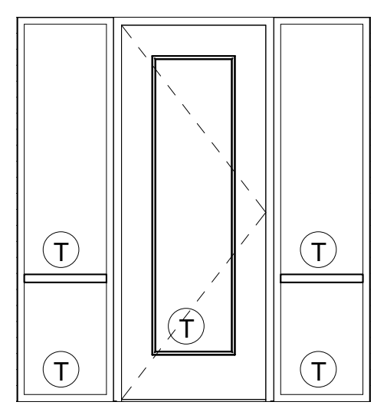
B
FLUSH
HOLLOW METAL/ WOOD



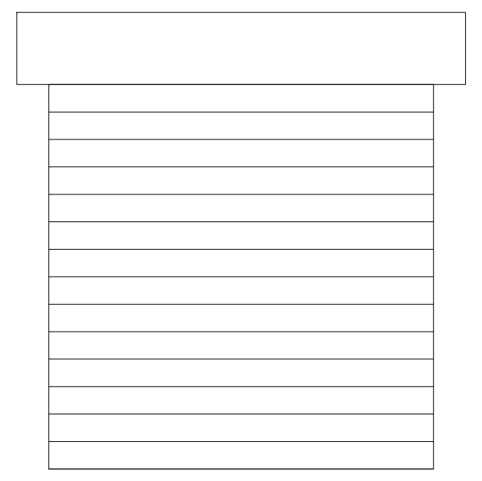
C
MEDIUM STYLE
ALUM/GLASS DOOR



D
MEDIUM STYLE
ALUM/GLASS DOOR



E
WOOD DOOR WITH
SIDELIGHTS, EXTERIOR
CLAD IN ALUMINUM



F
OVERHEAD COILING
DOOR

DOOR SCHEDULE REMARKS

1. (1) 3'-0" AND (1) 2'-4" DOOR.
2. CREATE DOOR ALCOVE. RE: A042
3. DOOR TO HAVE ACCESS CONTROL, G.C. TO COORD. W/ OWNER'S VENDOR.
4. DOOR TO BE SMOKE AND DRAFT CONTROL RATED.

MAINTENANCE SHED DOOR SCHEDULE

MAINTENANCE SHED DOOR SCHEDULE

DOORS									FRAMES					
NO.	TYPE	MAT'L.	WIDTH	HEIGHT	THICKNESS	HW SET	LABEL	REMARKS	TYPE	MAT'L.	HEAD	JAMBS	SILL	LABEL
M1	E	WD	3' - 0"	7' - 10"	0' - 1 3/4"	8.0	-	PELLA DOOR IN SPEC	-	WD	1/A042 SIM	2/A042 SIM	17/A041	-
M2A	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	8.0	-		1	HM	1/A041	10/A041	17/A041	-
M2B	F	STL	8' - 0"	8' - 0"	0' - 2"	9.0	-	-	-	STL	5/A042	6/A042		-
M3A	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	8.0	-		1	HM	1/A041	10/A041	17/A041	-
M3B	F	STL	8' - 0"	8' - 0"	0' - 2"	9.0	-	-	-	STL	5/A042	6/A042		-
M4	202	HM	3' - 10"	7' - 0"	0' - 2"	23.0	-		1	HM	1/A041	10/A041	17/A041	-
M5	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	22.0	-		1	HM	1/A041	10/A041	17/A041	-
M6	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	22.0	-		1	HM	1/A041	10/A041	17/A041	-
M7	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	6.0	-		1	HM	1/A041	10/A041	17/A041	-
M8	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	6.0	-		1	HM	1/A041	10/A041	17/A041	-

BUILDING 1 DOOR SCHEDULES

DOOR SCHEDULE BLDG 1 - FIRST FLOOR

DOORS									FRAMES					
NO.	TYPE	MAT'L.	WIDTH	HEIGHT	THICKNESS	HW SET	LABEL	REMARKS	TYPE	MAT'L.	HEAD	JAMBS	SILL	LABEL
101A	C	AL/GL	3' - 0"	8' - 0"		4.0			-	AL	MANF	MANF	17/A041	
101B	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	17.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
103	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
103a	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
104	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
105	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
106	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
107	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
108A	C	AL/GL	3' - 0"	8' - 0"		4.0			-	AL	MANF	MANF	17/A041	
108B	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	17.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
109	C	AL/GL	3' - 0"	8' - 0"		4.0			-	AL	MANF	MANF	17/A041	
109B	B	WD	6' - 0"	7' - 0"	0' - 1 3/4"	26.0	90 MIN		1	HM	9/A041	9/A041	17/A041	90 MIN
110A	C	WD	3' - 0"	7' - 0"	0' - 1 3/4"	17.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
110B	C	WD	3' - 0"	7' - 0"	0' - 1 3/4"	17.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
111	B	WD	5' - 4"	7' - 0"	0' - 1 3/4"	20.0	90 MIN	1	1	HM	9/A041	9/A041	17/A041	90 MIN
112	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
113	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
114	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
115	B	WD	6' - 0"	7' - 0"	0' - 1 3/4"	26.0	90 MIN		1	HM	9/A041	9/A041	17/A041	90 MIN
116	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	6.0			2	HM	1/A041	10/A041	17/A041	
116A	D	AL/GL	6' - 0"	8' - 0"		2.0			-	AL	MANF	MANF	17/A041	
116B	D	AL/GL	6' - 0"	8' - 0"		11.0			-	AL	MANF	MANF	17/A041	
117A	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	1.0			2	HM	1/A042	2/A042	17/A041	
117B	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	21.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
118A	D	AL/GL	6' - 0"	8' - 0"		2.0			-	AL	MANF	MANF	17/A041	
118B	D	AL/GL	6' - 0"	8' - 0"		11.0			-	AL	MANF	MANF	17/A041	
121	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
122	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
123	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
124A	C	AL/GL	3' - 0"	8' - 0"		5.0			-	AL	MANF	MANF	17/A041	
124B	C	AL/GL	3' - 0"	8' - 0"		12.0			-	AL	MANF	MANF	17/A041	
125A	C	AL/GL	3' - 0"	8' - 0"		5.0			-	AL	MANF	MANF	17/A041	
125B	C	AL/GL	3' - 0"	8' - 0"		12.0			-	AL	MANF	MANF	17/A041	
126A	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	1.0			2	HM	2/A041	6/A041	17/A041	
126B	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	21.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
150	D	AL/GL	6' - 0"	7' - 0"		3.0			-	AL	MANF	MANF	17/A041	
150B	D	AL/GL	6' - 0"	7' - 0"		10.0			-	AL	MANF	MANF	17/A041	
151	D	AL/GL	6' - 0"	7' - 0"		13.0	20 MIN		-	AL	MANF	MANF	17/A041	20 MIN
152	C	AL/GL	3' - 0"	7' - 0"		14.0			-	AL	MANF	MANF	17/A041	
153	D	AL/GL	6' - 0"	7' - 0"		13.0			-	AL	MANF	MANF	17/A041	
154	C	WD	3' - 0"	7' - 0"	0' - 1 3/4"	21.0			1	HM	9/A041	9/A041	17/A041	
155	C	WD	3' - 0"	7' - 0"	0' - 1 3/4"	21.0			1	HM	9/A041	9/A041	17/A041	
156	C	WD	3' - 0"	7' - 0"	0' - 1 3/4"	21.0			1	HM	9/A041	9/A041	17/A041	
157	C	AL/GL	3' - 0"	8' - 0"		2.0		EXIT ONLY	-	AL	MANF	MANF	17/A041	
158	C	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0			1	HM	9/A041	9/A041	17/A041	
159	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0			1	HM	9/A041	9/A041	17/A041	
160	C	AL/GL	3' - 0"	7' - 0"		16.0			-	AL	MANF	MANF	17/A041	
161	C	AL/GL	3' - 0"	7' - 0"		16.0			-	AL	MANF	MANF	17/A041	
162	D	WD	6' - 0"	7' - 0"	0' - 1 3/4"	19.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
163	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	24.0			1	HM	9/A041	9/A041	17/A041	
164	C	AL/GL	3' - 0"	7' - 0"		14.0			-	AL	MANF	MANF	17/A041	
165	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	22.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
166	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	22.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
167	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	22.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
168	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	22.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN

DOOR SCHEDULE BLDG 1 - SECOND FLOOR

DOORS									FRAMES					
NO.	TYPE	MAT'L.	WIDTH	HEIGHT	THICKNESS	HW SET	LABEL	REMARKS	TYPE	MAT'L.	HEAD	JAMBS	SILL	LABEL
201	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	17.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
203	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
203a	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
204	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
205	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
206	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
207	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
208	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	17.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
209	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
210	B	WD	6' - 0"	7' - 0"	0' - 1 3/4"	26.0	90 MIN		1	HM	9/A041	9/A041	17/A041	90 MIN
211	B	WD	5' - 4"	7' - 0"	0' - 1 3/4"	20.0	90 MIN	1	1	HM	9/A041	9/A041	17/A041	90 MIN
215	B	WD	6' - 0"	7' - 0"	0' - 1 3/4"	26.0	90 MIN		1	HM	9/A041	9/A041	17/A041	90 MIN
217	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	17.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
218	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
221	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
222	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
223	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
224	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
226	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	17.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
230	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	25.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
231	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
232	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
233	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
234	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
235	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
236	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
237	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
238	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
239	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
240	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN

DOOR SCHEDULE BLDG 1 - THIRD FLOOR

DOORS									FRAMES					
NO.	TYPE	MAT'L.	WIDTH	HEIGHT	THICKNESS	HW SET	LABEL	REMARKS	TYPE	MAT'L.	HEAD	JAMBS	SILL	LABEL
301	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	17.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
303	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
303a	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
304	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
305	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
306	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
307	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
308	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	17.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
309	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
310	B	WD	6' - 0"	7' - 0"	0' - 1 3/4"	26.0	90 MIN		1	HM	9/A041	9/A041	17/A041	90 MIN
311	B	WD	5' - 4"	7' - 0"	0' - 1 3/4"	20.0	90 MIN	1	1	HM	9/A041	9/A041	17/A041	90 MIN
315	B	WD	6' - 0"	7' - 0"	0' - 1 3/4"	26.0	90 MIN		1	HM	9/A041	9/A041	17/A041	90 MIN
317	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	17.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
318	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
321	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
322	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
323	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
324	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
325	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
326	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	17.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
330	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
331	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
332	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
333	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
334	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
335	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
336	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
337	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
338	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN

BUILDING 2 DOOR SCHEDULES

DOOR SCHEDULE BLDG 2 - FIRST FLOOR

DOORS									FRAMES					
NO.	TYPE	MAT'L.	WIDTH	HEIGHT	THICKNESS	HW SET	LABEL	REMARKS	TYPE	MAT'L.	HEAD	JAMBS	SILL	LABEL
100A	C	AL/GL	3' - 0"	8' - 0"		4.0			-	AL	MANF	MANF	17/A041	
100B	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	17.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
101	C	AL/GL	3' - 0"	8' - 0"		5.0			-	AL	MANF	MANF	17/A041	
102	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
103	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
104	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
105	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
106	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	22.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
107	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	22.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
108	B	WD	6' - 0"	7' - 0"	0' - 1 3/4"	26.0	90 MIN		1	HM	9/A041	9/A041	17/A041	90 MIN
109A	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
109B	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
110A	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	1.0			2	HM	2/A041	6/A041	17/A041	
110B	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	17.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
111	B	WD	6' - 0"	7' - 0"	0' - 1 3/4"	26.0	90 MIN		1	HM	9/A041	9/A041	17/A041	90 MIN
111B	D	AL/GL	6' - 0"	8' - 0"		2.0			-	AL	MANF	MANF	17/A041	
112A	D	AL/GL	6' - 0"	8' - 0"		2.0			-	AL	MANF	MANF	17/A041	
112B	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	17.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
114A	D	AL/GL	6' - 0"	7' - 0"		7.0			-	AL	MANF	MANF	17/A041	
114B	C	AL/GL	3' - 0"	7' - 0"		2.0			-	AL	MANF	MANF	17/A041	
115	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
116	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
117	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
118	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
119	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
120	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
121	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
122	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
123	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
124	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
125	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	18.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
126	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	6.0			2	HM	1/A041	10/A041	17/A041	
150	D	AL/GL	6' - 0"	7' - 0"		3.0			-	AL	MANF	MANF	17/A041	
151	D	AL/GL	6' - 0"	7' - 0"		10.0			-	AL	MANF	MANF	17/A041	
152	D	AL/GL	6' - 0"	7' - 0"		13.0	20 MIN		-	AL	MANF	MANF	17/A041	20 MIN
153	C	WD	3' - 0"	7' - 0"	0' - 1 3/4"	21.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
154	C	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0			1	HM	9/A041	9/A041	17/A041	
155	C	WD	3' - 0"	7' - 0"	0' - 1 3/4"	21.0			1	HM	9/A041	9/A041	17/A041	
156	C	WD	3' - 0"	7' - 0"	0' - 1 3/4"	21.0			1	HM	9/A041	9/A041	17/A041	
157	C	WD	3' - 0"	7' - 0"	0' - 1 3/4"	21.0			1	HM	9/A041	9/A041	17/A041	
158	C	WD	3' - 0"	7' - 0"	0' - 1 3/4"	21.0			1	HM	9/A041	9/A041	17/A041	
159A	C	AL/GL	3' - 0"	7' - 0"		16.0			-	AL	MANF	MANF	17/A041	20 MIN
159B	C	AL/GL	3' - 0"	7' - 0"		16.0	20 MIN		-	AL	MANF	MANF	17/A041	20 MIN
160	C	AL/GL	3' - 0"	7' - 0"		16.0	20 MIN		-	AL	MANF	MANF	17/A041	20 MIN

DOOR SCHEDULE BLDG 2 - SECOND FLOOR

DOORS									FRAMES					
NO.	TYPE	MAT'L.	WIDTH	HEIGHT	THICKNESS	HW SET	LABEL	REMARKS	TYPE	MAT'L.	HEAD	JAMBS	SILL	LABEL
200	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	17.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
201	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
202	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
203	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
204	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
205	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
206	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
207	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
208	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
209	B	WD	6' - 0"	7' - 0"	0' - 1 3/4"	26.0	90 MIN		1	HM	9/A041	9/A041	17/A041	90 MIN
210	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	17.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
211	B	WD	6' - 0"	7' - 0"	0' - 1 3/4"	26.0	90 MIN		1	HM	9/A041	9/A041	17/A041	90 MIN
212	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	17.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
213B	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
215	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
216	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
217	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
218	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
219	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
220	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
221	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
222	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
223	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
224	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
225	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	17.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
230	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
231	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
232	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
233	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
234	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
235	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
236	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
237	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
238	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
239	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN

DOOR SCHEDULE BLDG 2 - THIRD FLOOR

DOORS									FRAMES					
NO.	TYPE	MAT'L.	WIDTH	HEIGHT	THICKNESS	HW SET	LABEL	REMARKS	TYPE	MAT'L.	HEAD	JAMBS	SILL	LABEL
300	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	17.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
301	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
302	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
303	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
304	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
305	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
306	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
307	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
308	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
309	B	WD	6' - 0"	7' - 0"	0' - 1 3/4"	26.0	90 MIN		1	HM	9/A041	9/A041	17/A041	90 MIN
310	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	17.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
311	B	WD	6' - 0"	7' - 0"	0' - 1 3/4"	26.0	90 MIN		1	HM	9/A041	9/A041	17/A041	90 MIN
312	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	17.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
313B	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
315	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
316	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
317	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
318	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
319	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
320	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
321	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
322	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
323	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
324	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
325	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	17.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
330	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
331	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
332	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
333	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
334	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
335	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
336	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
337	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
338	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
339	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	15.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	SM ENGINEERING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

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DATE: 7.15.2021

REVISIONS #

1	PERMIT COMMENTS	8.17.2021
3	Revision 1	2.11.2022
5	Revision 3	5.12.2022

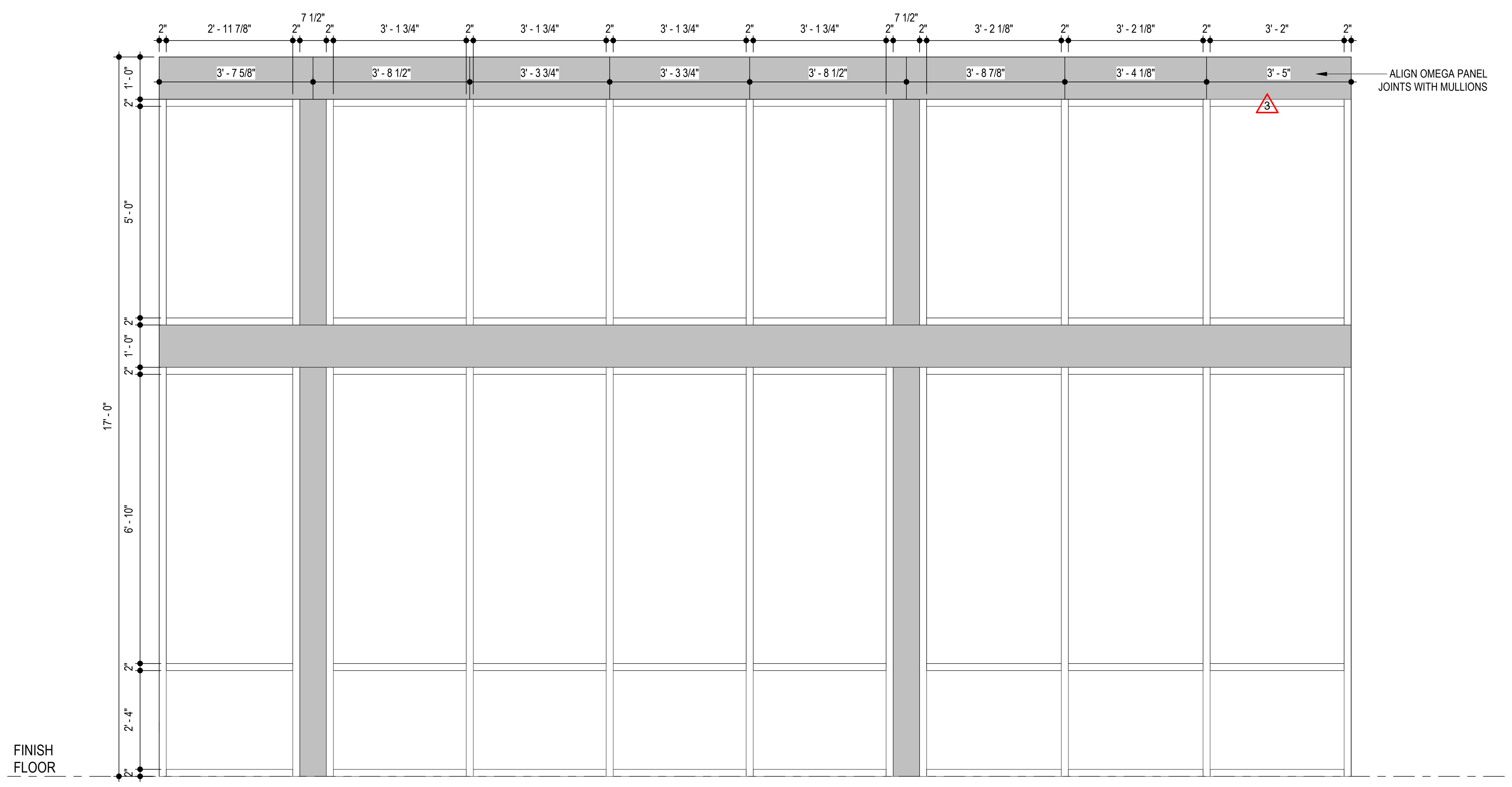
DWG BY MKSS

TR,i PROJECT NO. 20-001

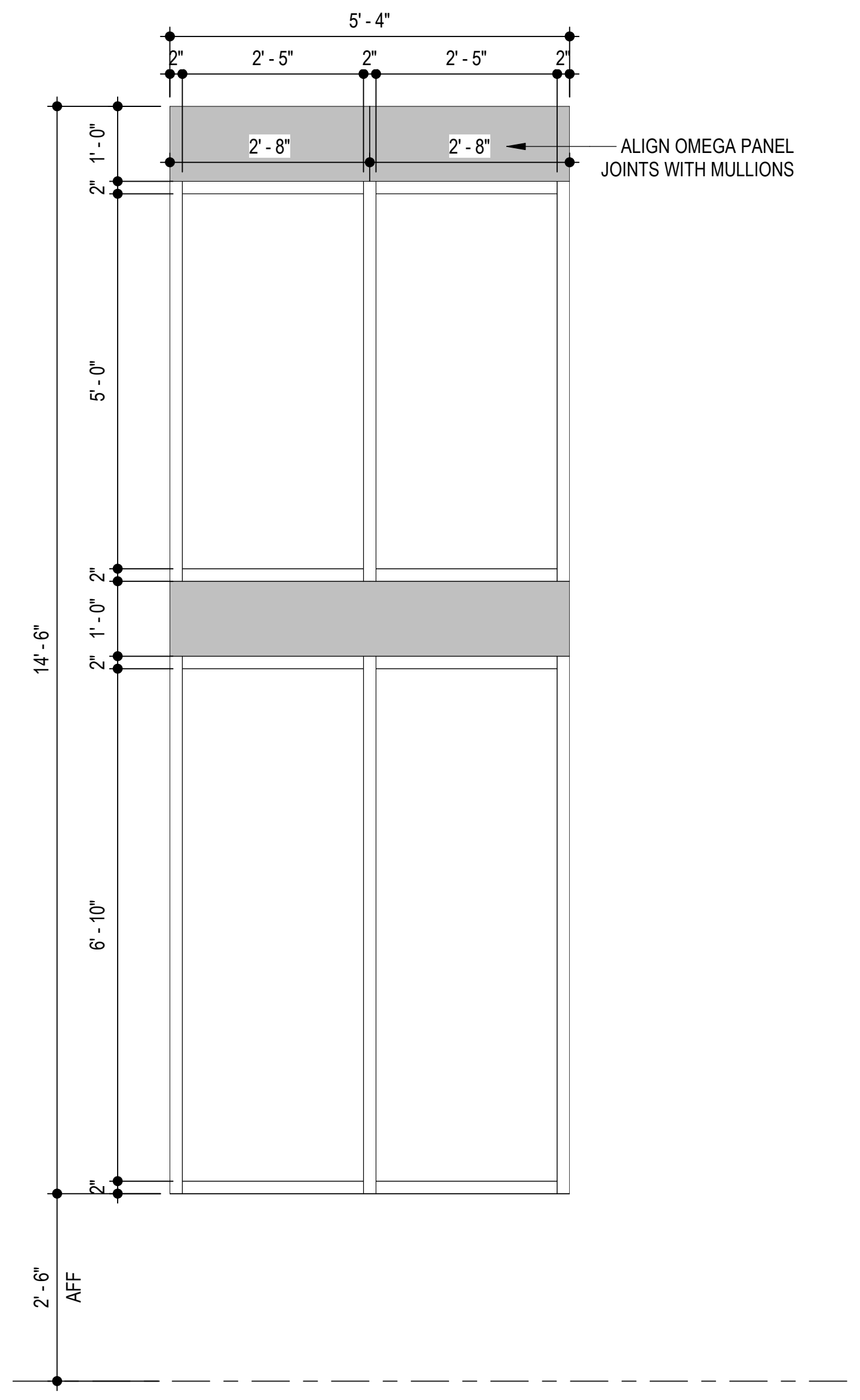
SHEET NO.

A040

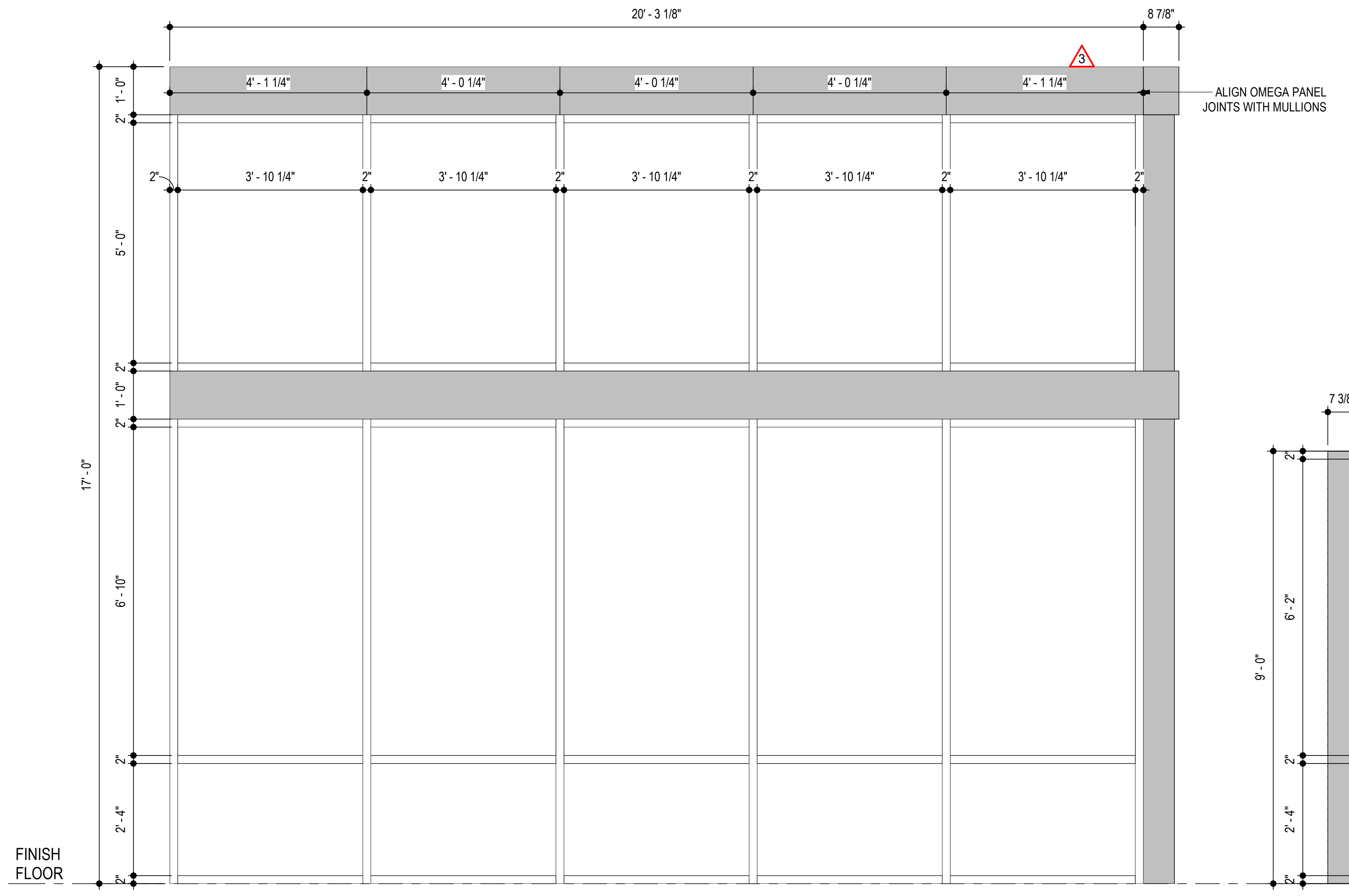
DOOR SCHEDULE


2"
2' - 11 7/8"
7 1/2"
3' - 1 3/4"
3' - 2 1/8"
3' - 2"
3' - 7 5/8"
3' - 8 1/2"
3' - 3 3/4"
3' - 8 7/8"
3' - 4 1/8"
3' - 5"
ALIGN OMEGA PANEL JOINTS WITH MULLIONS
3
1' - 0"
5' - 0"
6' - 10"
2' - 4"
17' - 0"
FINISH FLOOR

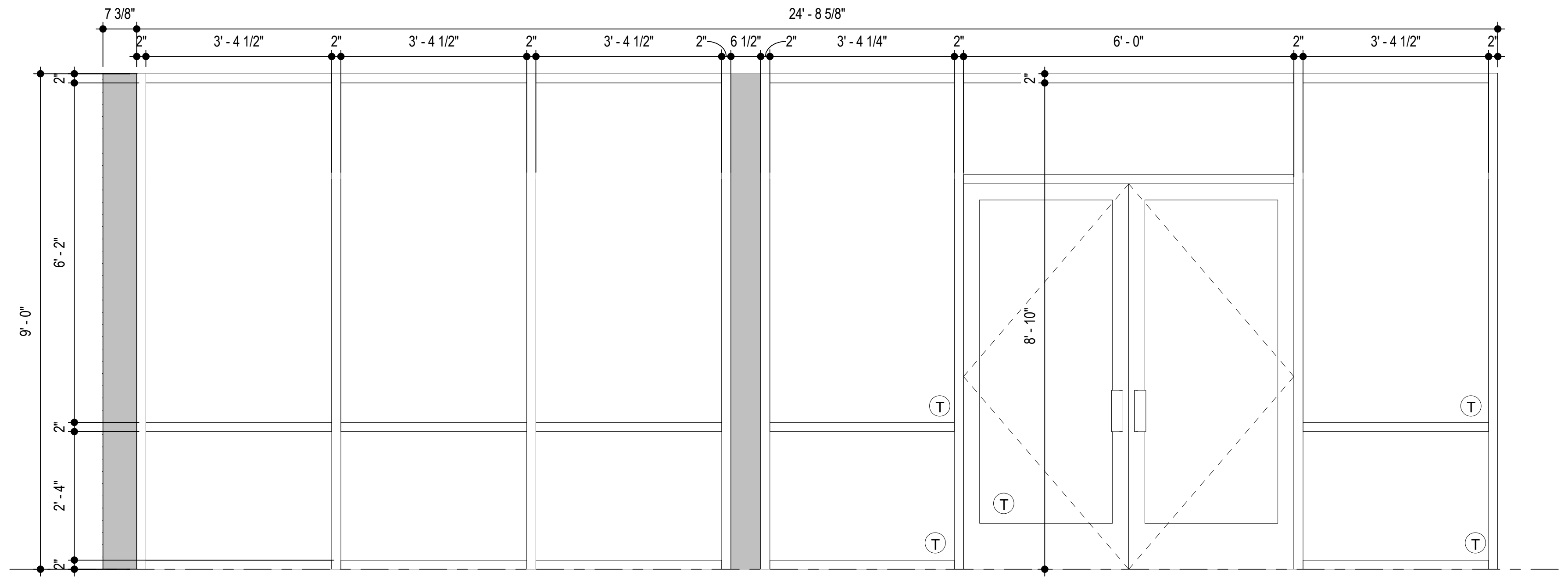
S13


5' - 4"
2"
2' - 5"
2' - 8"
ALIGN OMEGA PANEL JOINTS WITH MULLIONS
1' - 0"
5' - 0"
6' - 10"
14' - 6"
2' - 6"
AFF

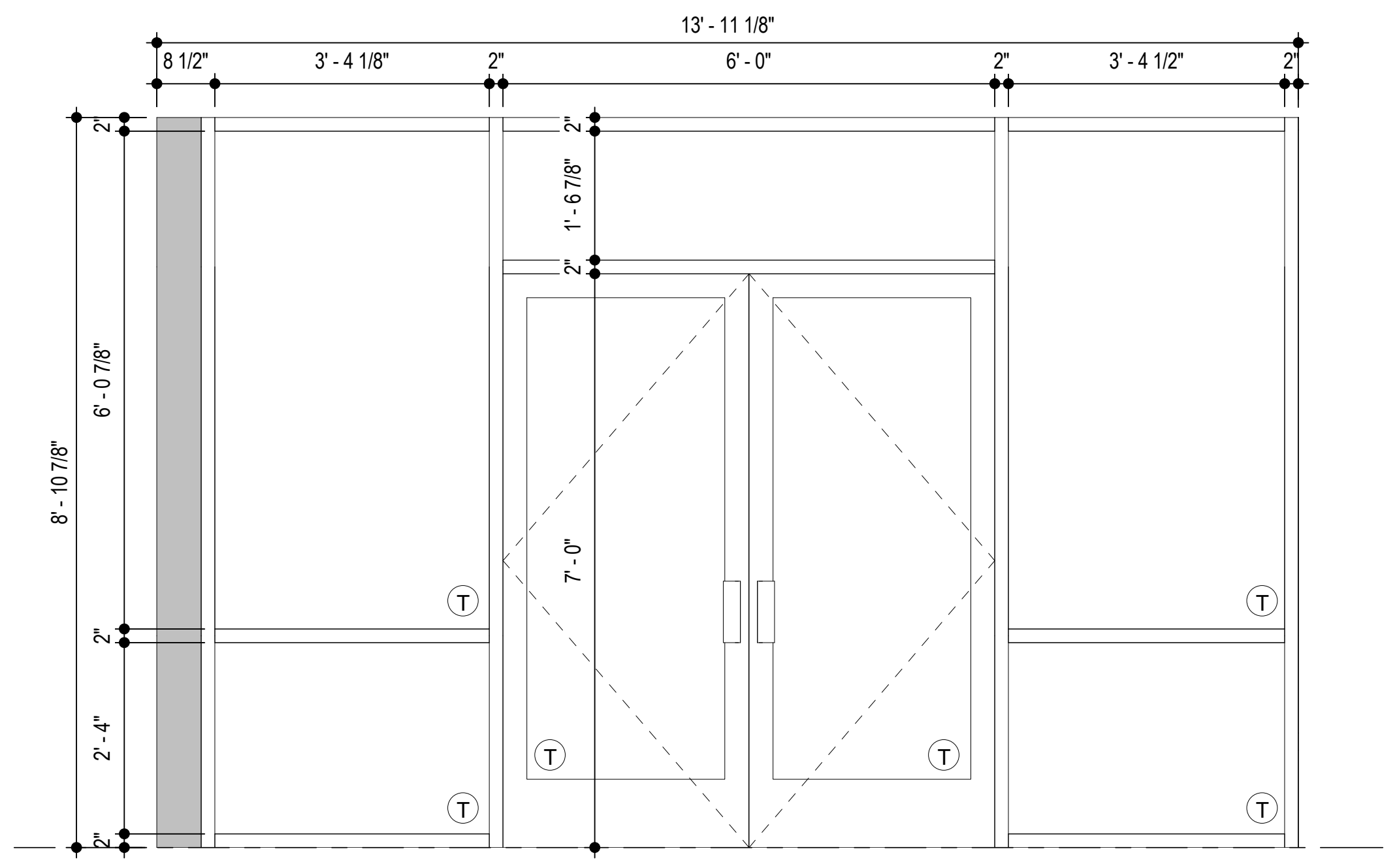
S14


20' - 3 1/8"
8 7/8"
3
4' - 1 1/4"
4' - 0 1/4"
ALIGN OMEGA PANEL JOINTS WITH MULLIONS
2"
3' - 10 1/4"
1' - 0"
5' - 0"
6' - 10"
2' - 4"
17' - 0"
FINISH FLOOR

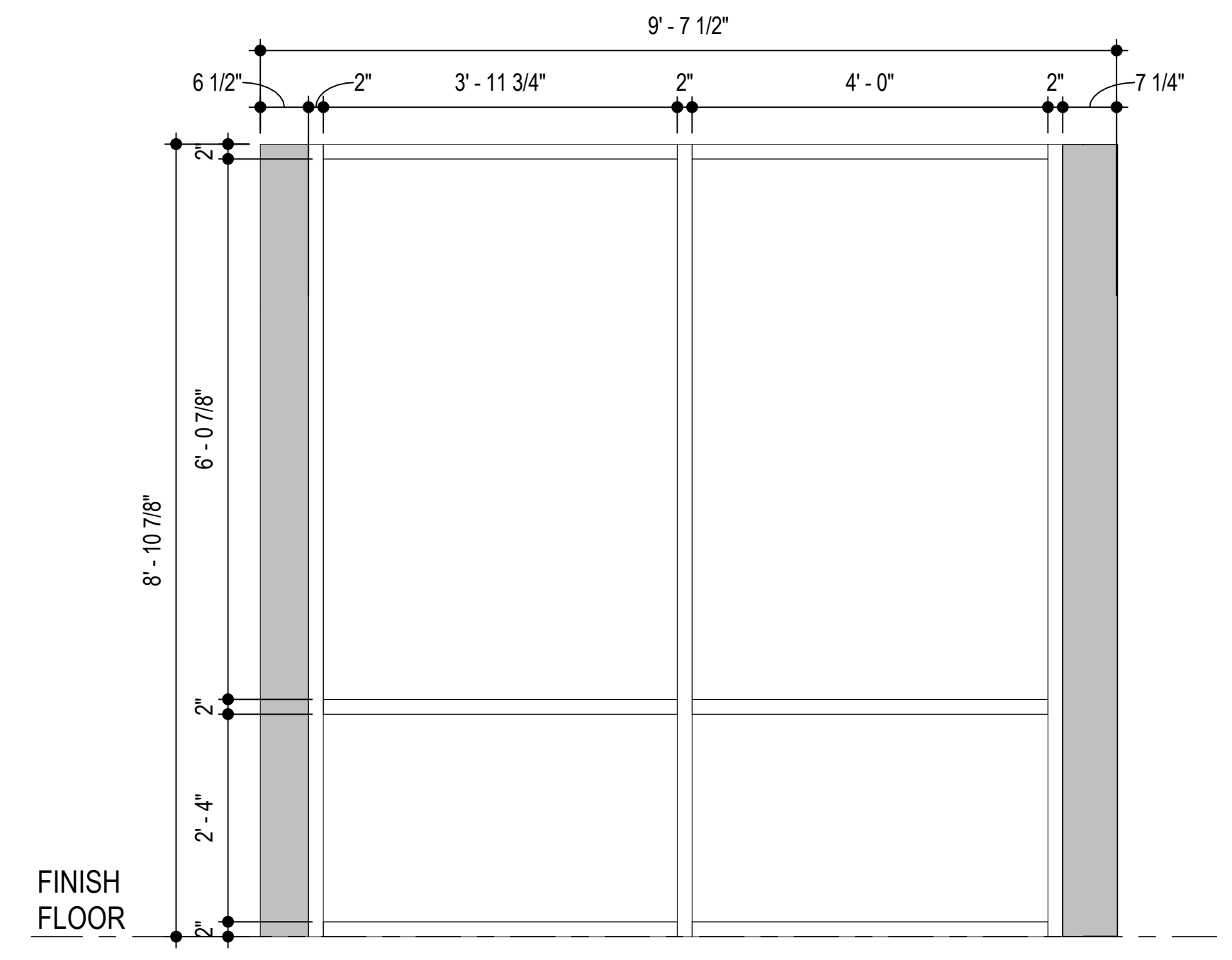
S15


7 3/8"
24' - 8 5/8"
3' - 4 1/2"
6 1/2"
3' - 4 1/4"
6' - 0"
2"
6' - 2"
9' - 0"
8' - 10"
2' - 4"
T

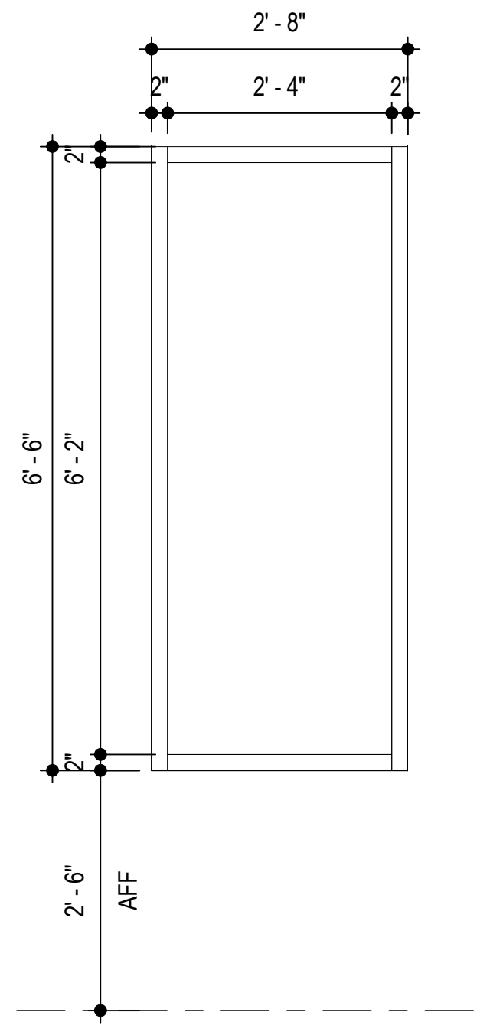
S16


8 1/2"
13' - 11 1/8"
3' - 4 1/8"
6' - 0"
3' - 4 1/2"
1' - 6 7/8"
6' - 0 7/8"
8' - 10 7/8"
7' - 0"
2' - 4"
T

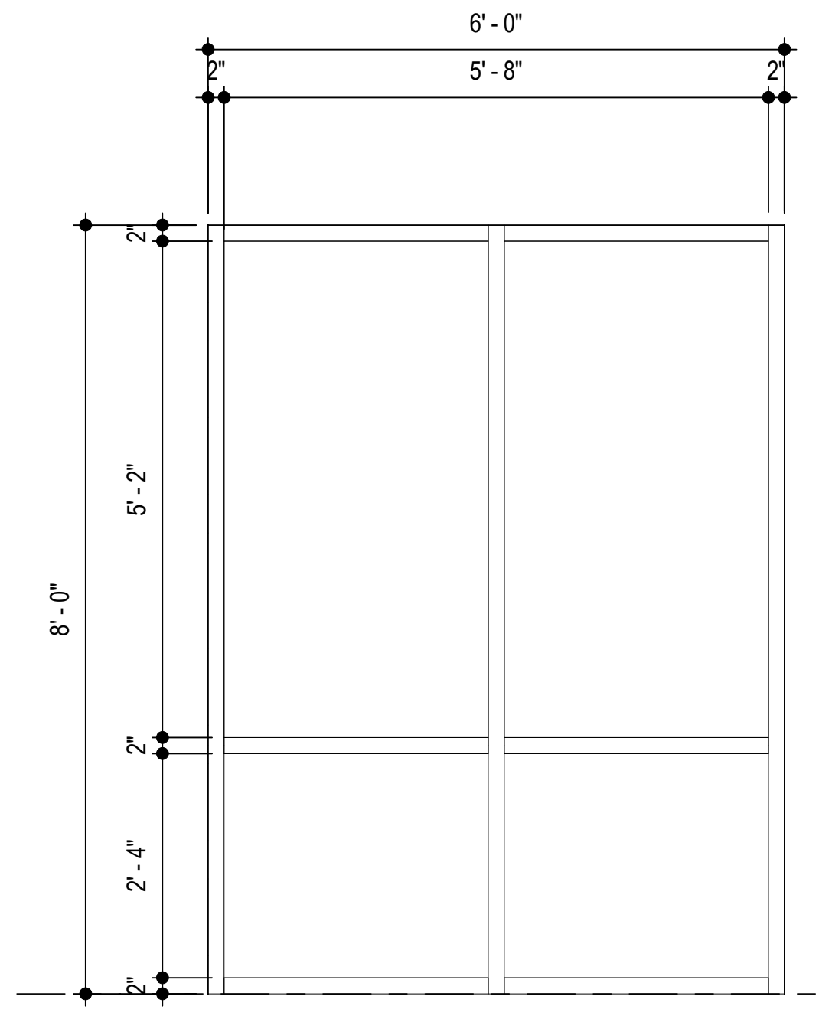
S17


9' - 7 1/2"
6 1/2"
2"
3' - 11 3/4"
4' - 0"
7 1/4"
6' - 0 7/8"
8' - 10 7/8"
2' - 4"
FINISH FLOOR

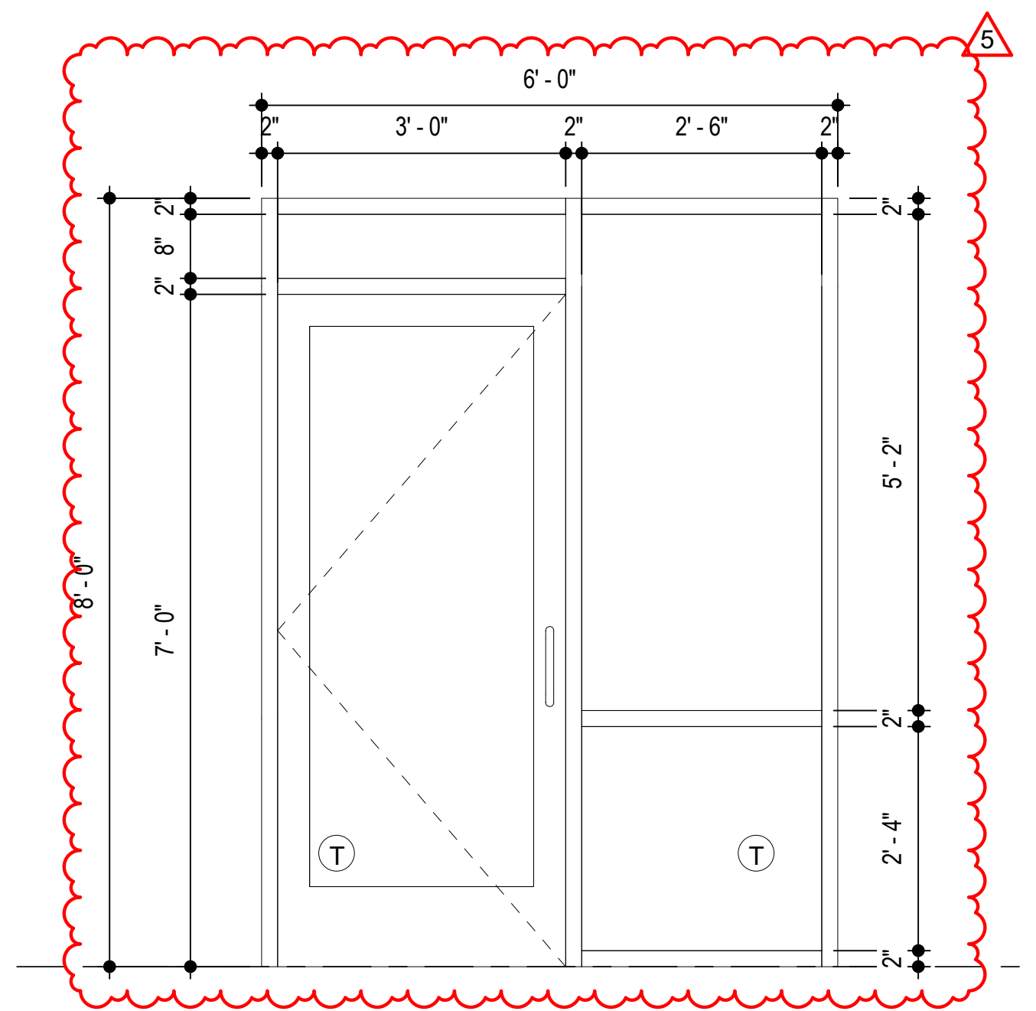
S18


2' - 8"
2"
2' - 4"
6' - 6"
6' - 2"
2' - 6"
AFF

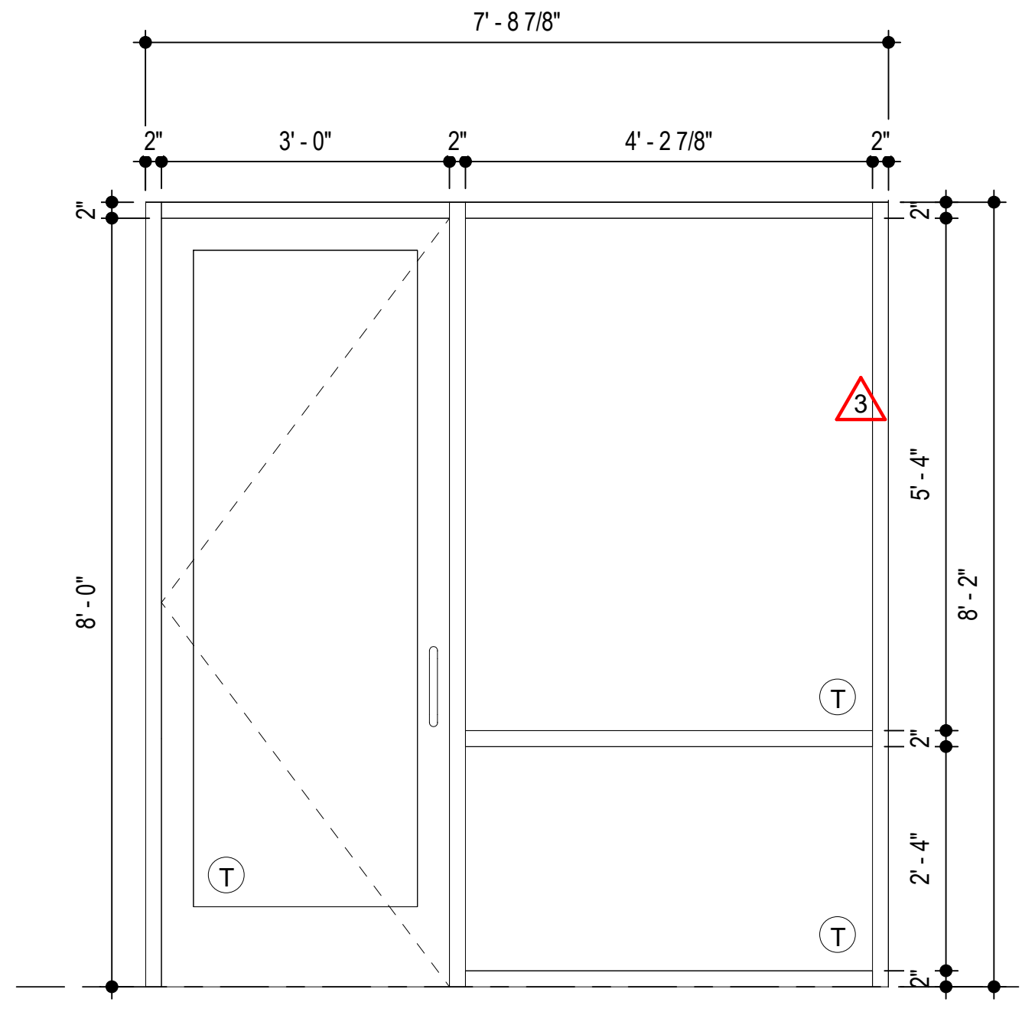
S19


6' - 0"
5' - 8"
2"
5' - 2"
8' - 0"
2' - 4"

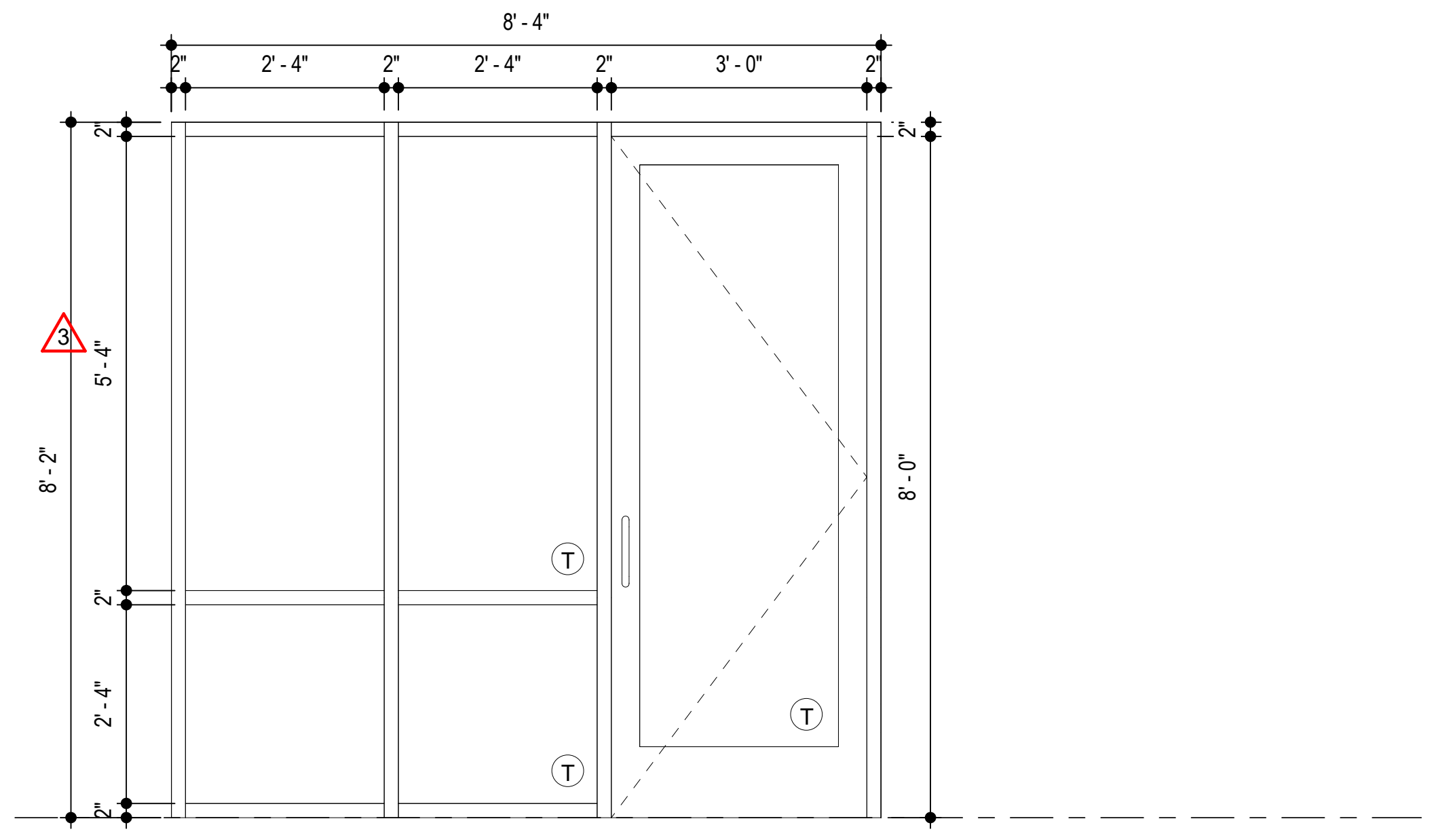
S20


5
6' - 0"
3' - 0"
2' - 6"
2"
8"
5' - 2"
7' - 0"
8' - 0"
2' - 4"
T

S21


7' - 8 7/8"
3' - 0"
4' - 2 7/8"
2"
5' - 4"
8' - 2"
2' - 4"
3
T

S22


8' - 4"
2' - 4"
3' - 0"
2"
5' - 4"
8' - 2"
8' - 0"
2' - 4"
3
T

S23

STOREFRONT SCHEDULE

TYPE	BUILDING	LOCATION	HEIGHT	LENGTH	COMMENTS
S1	BLDG 1	AMENITY ENTRY	17' - 0"	24' - 2 5/8"	
S2	BLDG 1	AMENITY VESTIBULE	16' - 0"	13' - 1 1/8"	
S3	BLDG 1	AMENITY VESTIBULE	16' - 0"	8' - 5 5/8"	
S4	BLDG 1	MEETING ROOM	14' - 6"	2' - 8"	
S5	BLDG 1	MEETING ROOM	17' - 0"	3' - 5 1/2"	
S6	BLDG 1	ENTRY CORRIDOR	8' - 2"	6' - 4"	
S7	BLDG 1	ENTRY CORRIDOR	8' - 2"	6' - 10"	
S8	BLDG 1	ENTRY CORRIDOR	8' - 2"	7' - 1 7/8"	
S9	BLDG 1	ENTRY CORRIDOR	8' - 2"	6' - 9"	
S10	BLDG 1	ENTRY CORRIDOR	8' - 2"	7' - 4 7/8"	
S11	BLDG 1	ENTRY CORRIDOR	8' - 2"	6' - 5"	
S12	BLDG 1	ENTRY CORRIDOR	8' - 2"	6' - 7 1/2"	
S13	BLDG 1	FITNESS	17' - 0"	28' - 2"	
S14	BLDG 1	FITNESS	14' - 6"	5' - 4"	
S15	BLDG 1	AMENITY LOBBY	17' - 0"	20' - 3 1/8"	
S30	BLDG 1	MAILROOM	8' - 2"	5' - 4"	
S31	BLDG 1	YOGA ROOM	7' - 2"	13' - 6 1/4"	
S32	BLDG 1	AMENITY ENTRY	7' - 2"	6' - 4"	
S33	BLDG 1	BLDG 1	7' - 2"	10' - 2 5/8"	
S34	BLDG 1	OFFICES	7' - 2"	20' - 1 1/4"	
S35	BLDG 1	CYBER LOUNGE	7' - 2"	9' - 3"	
S36	BLDG 1	MEETING ROOM	7' - 2"	15' - 1 5/8"	
S37	BLDG 1	MEETING ROOM	7' - 2"	3' - 11 7/8"	
S16	BLDG 2	AMENITY ENTRY	9' - 0"	24' - 8 5/8"	
S17	BLDG 2	AMENITY VESTIBULE	8' - 10 7/8"	13' - 11 1/8"	
S18	BLDG 2	AMENITY VESTIBULE	8' - 10 7/8"	9' - 0 1/4"	
S19	BLDG 2	AMENITY	6' - 6"	2' - 8"	
S20	BLDG 2	AMENITY	8' - 0"	6' - 0"	
S21	BLDG 2	BIKE STORAGE OR TENANT STORAGE LOCKERS	8' - 0"	6' - 0"	
S22	BLDG 2	ENTRY CORRIDOR	8' - 2"	7' - 8 7/8"	
S23	BLDG 2	ENTRY CORRIDOR	8' - 2"	8' - 4"	
S24	BLDG 2	ENTRY CORRIDOR	8' - 2"	6' - 4"	
S25	BLDG 2	ENTRY CORRIDOR	8' - 10 7/8"	8' - 6 1/8"	
S26	BLDG 2	ENTRY CORRIDOR	8' - 10 7/8"	15' - 8 3/4"	
S27	BLDG 2	ENTRY CORRIDOR	8' - 2"	6' - 4"	
S28	BLDG 2	AMENITY LOBBY	9' - 0"	7' - 11 1/2"	
S29	BLDG 2	BIKE STORAGE OR TENANT STORAGE LOCKERS	8' - 10 7/8"	6' - 0"	
S38	BLDG 2	AMENITY ENTRY	7' - 2"	13' - 3 1/2"	

* THE GREY HATCH ON THE STOREFRONT ELEVATIONS REPRESENTS STEEL COLUMNS & BEAMS AND WALL FRAMING THAT IS WRAPPED IN BREAK METAL TO MATCH STOREFRONT FINISH

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
05/23/2022

RICHARD A. OBERTINO, JR.
NUMBER
A-2001010143
5.12.2022

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	SM ENGINEERING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

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DEVELOPMENT

The Signature at West Pryor

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www.triarchitects.com

DATE: 7.15.2021

REVISIONS #

3	Revision 1	2.11.2022
5	Revision 3	5.12.2022

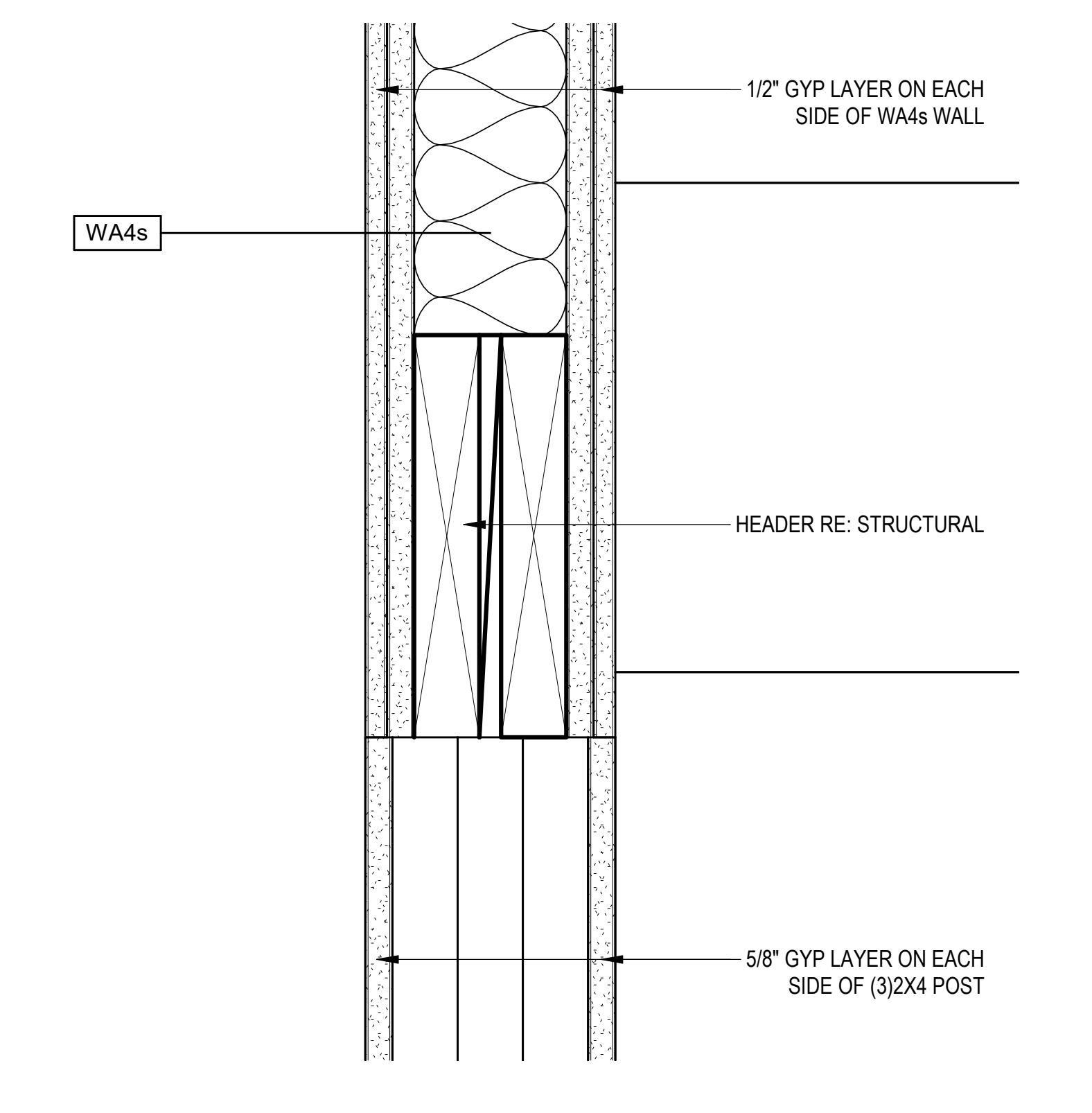
DWG BY MKSS

TR,i PROJECT NO. 20-001

SHEET NO.

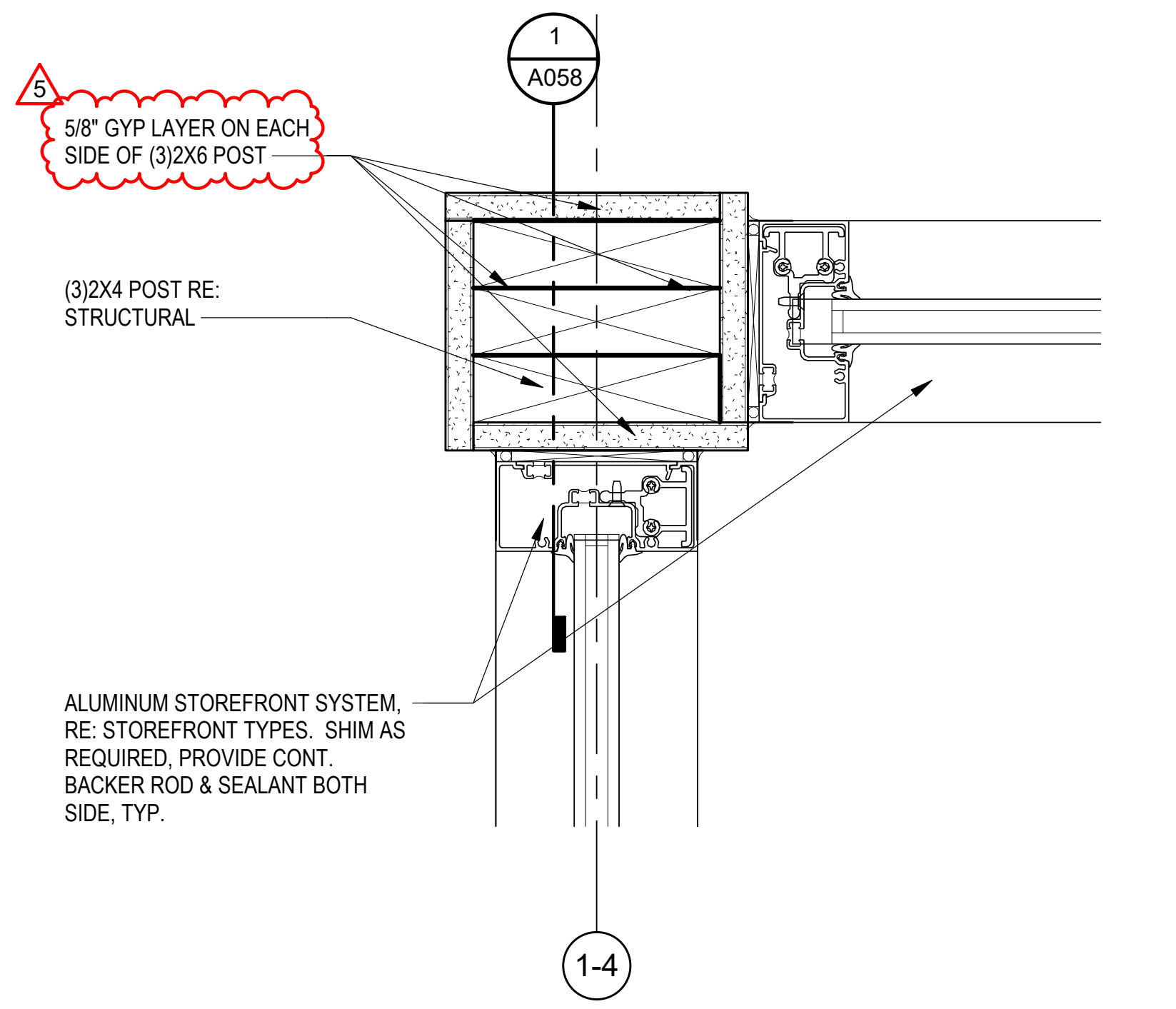
A056

STOREFRONT SCHEDULE


1/2" GYP LAYER ON EACH SIDE OF WA4s WALL
WA4s
HEADER RE: STRUCTURAL
5/8" GYP LAYER ON EACH SIDE OF (3)2X4 POST

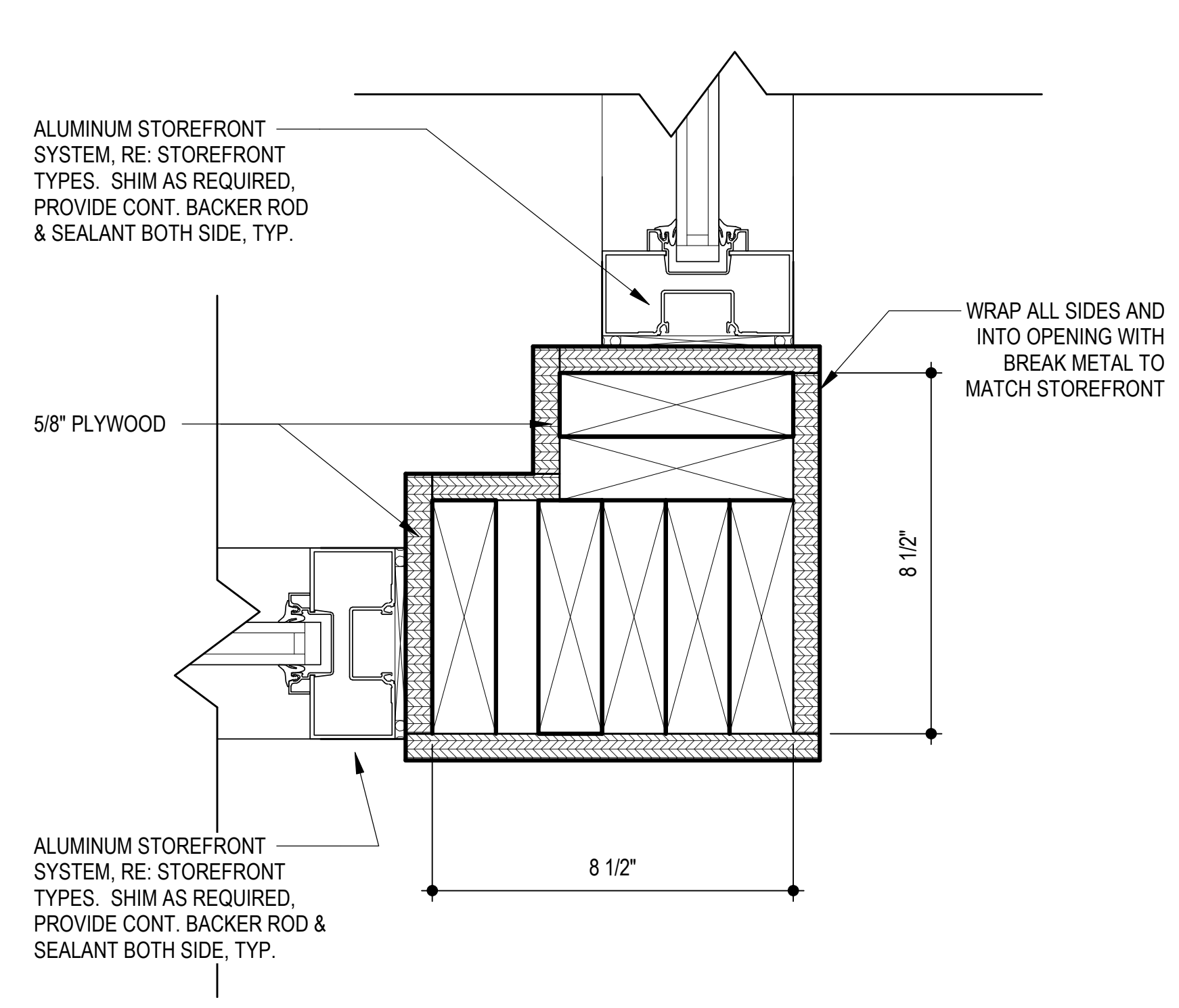
1 HEADER @ WOOD POST IN STOREFRONT

SCALE: 3" = 1'-0"


1
A058
5
5/8" GYP LAYER ON EACH SIDE OF (3)2X6 POST
(3)2X4 POST RE: STRUCTURAL
ALUMINUM STOREFRONT SYSTEM, RE: STOREFRONT TYPES. SHIM AS REQUIRED, PROVIDE CONT. BACKER ROD & SEALANT BOTH SIDE, TYP.
1-4

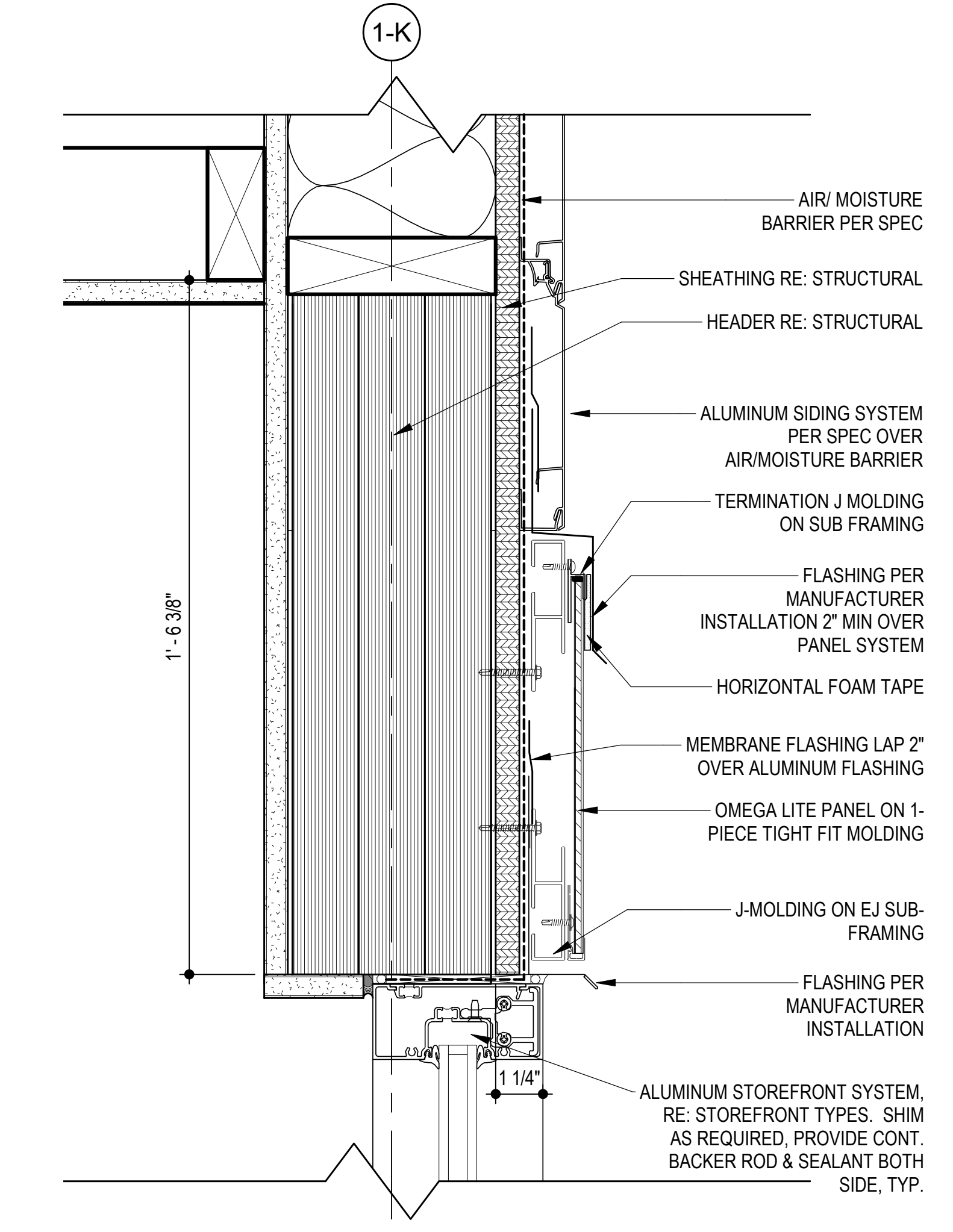
5 PLAN DETAIL AT (3)2X4 POST @ STOREFRONT CORNER

SCALE: 3" = 1'-0"


ALUMINUM STOREFRONT SYSTEM, RE: STOREFRONT TYPES. SHIM AS REQUIRED, PROVIDE CONT. BACKER ROD & SEALANT BOTH SIDE, TYP.
WRAP ALL SIDES AND INTO OPENING WITH BREAK METAL TO MATCH STOREFRONT
5/8" PLYWOOD
8 1/2"
8 1/2"
ALUMINUM STOREFRONT SYSTEM, RE: STOREFRONT TYPES. SHIM AS REQUIRED, PROVIDE CONT. BACKER ROD & SEALANT BOTH SIDE, TYP.

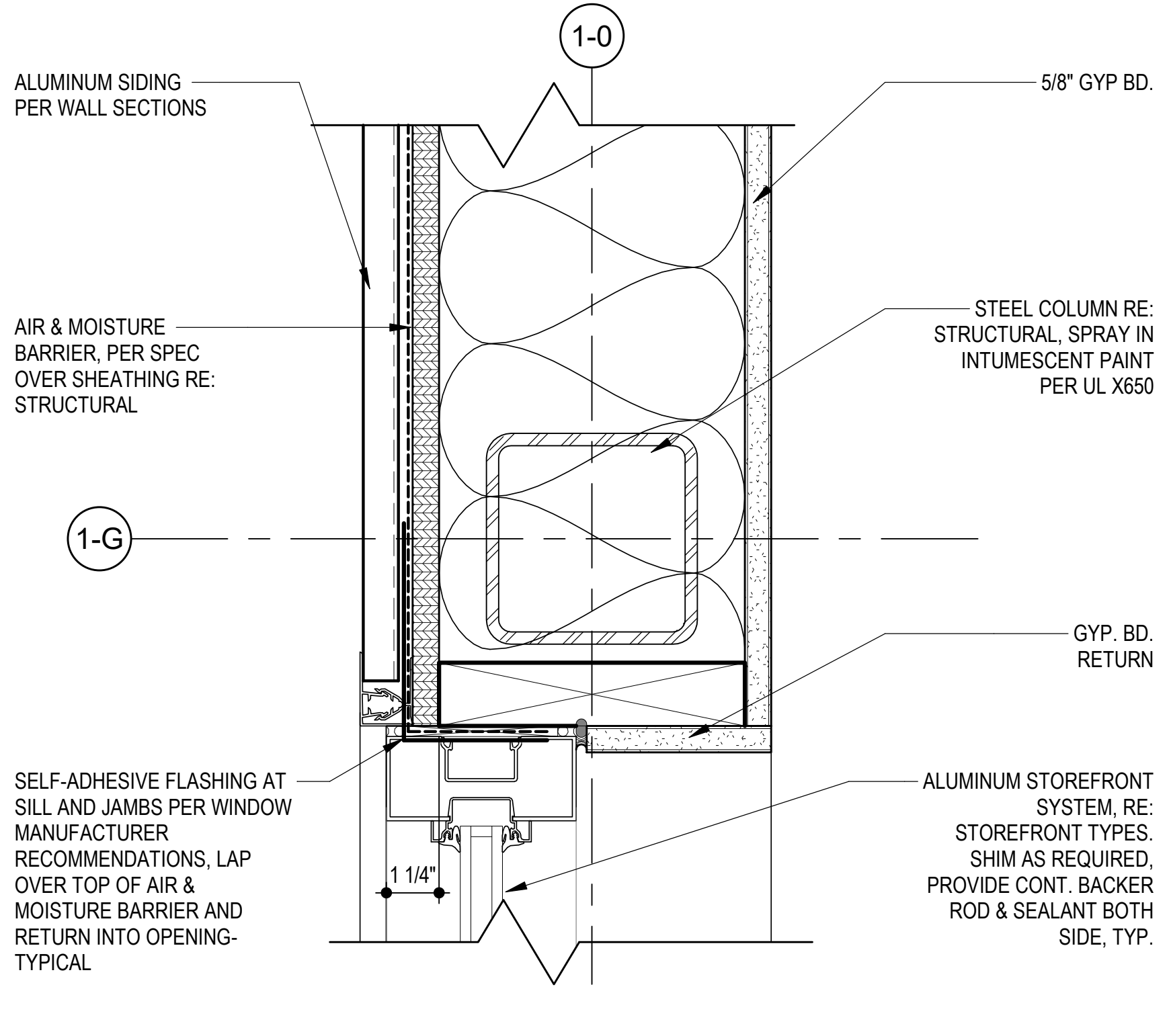
17 STOREFRONT 25 & 26 CORNER

SCALE: 3" = 1'-0"


1-K
AIR/ MOISTURE BARRIER PER SPEC
SHEATHING RE: STRUCTURAL
HEADER RE: STRUCTURAL
ALUMINUM SIDING SYSTEM PER SPEC OVER AIR/MOISTURE BARRIER
TERMINATION J MOLDING ON SUB FRAMING
FLASHING PER MANUFACTURER INSTALLATION 2" MIN OVER PANEL SYSTEM
HORIZONTAL FOAM TAPE
MEMBRANE FLASHING LAP 2" OVER ALUMINUM FLASHING
OMEGA LITE PANEL ON 1-PIECE TIGHT FIT MOLDING
J-MOLDING ON EJ SUB-FRAMING
FLASHING PER MANUFACTURER INSTALLATION
1' - 6 3/8"
1 1/4"
ALUMINUM STOREFRONT SYSTEM, RE: STOREFRONT TYPES. SHIM AS REQUIRED, PROVIDE CONT. BACKER ROD & SEALANT BOTH SIDE, TYP.

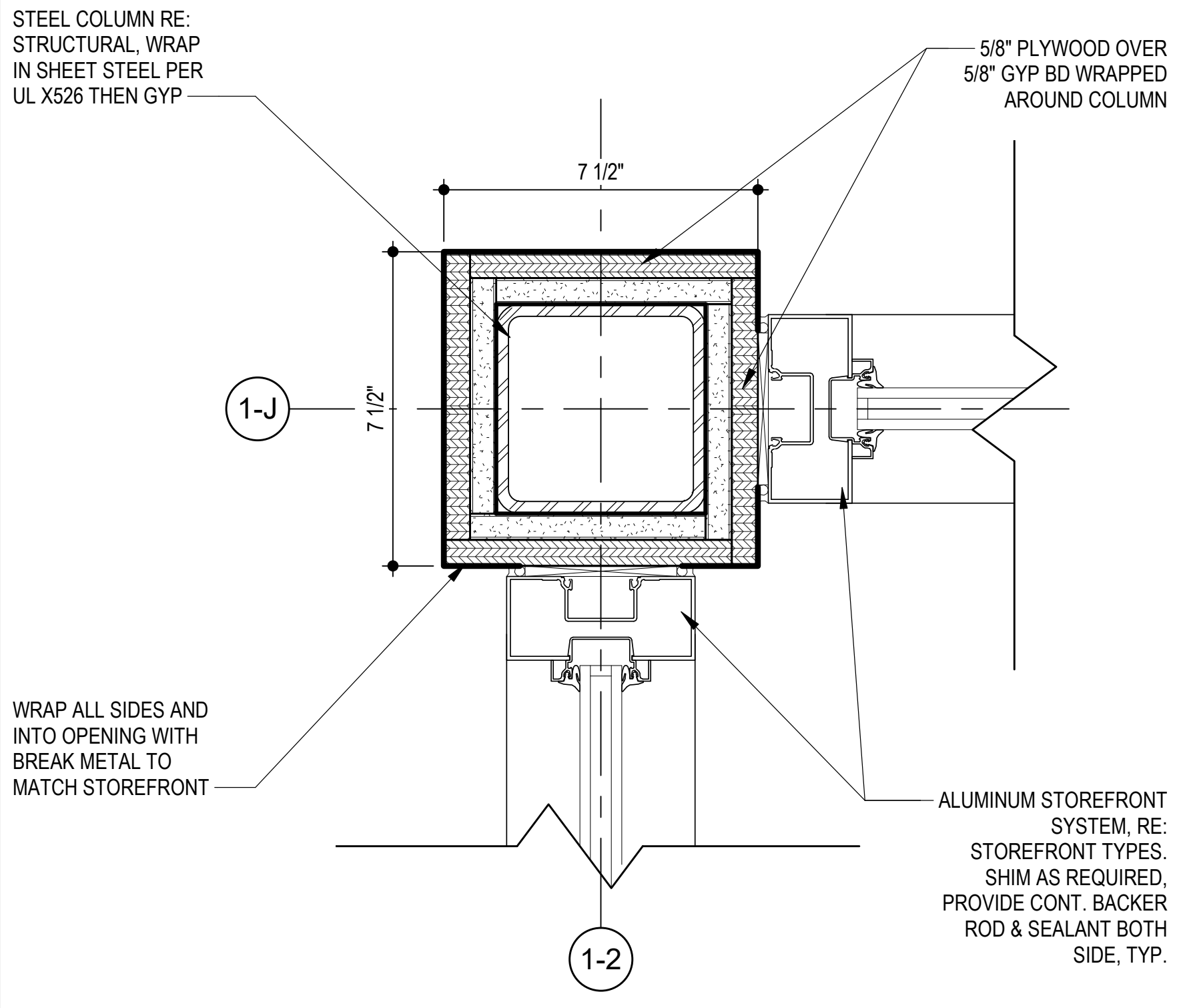
3 STOREFRONT HEAD @ 2 STORY AMENITY @ ALUMINUM SIDING

SCALE: 3" = 1'-0"


1-0
ALUMINUM SIDING PER WALL SECTIONS
5/8" GYP BD.
AIR & MOISTURE BARRIER, PER SPEC OVER SHEATHING RE: STRUCTURAL
STEEL COLUMN RE: STRUCTURAL, SPRAY IN INTUMESCENT PAINT PER UL X650
1-G
GYP. BD. RETURN
SELF-ADHESIVE FLASHING AT SILL AND JAMBS PER WINDOW MANUFACTURER RECOMMENDATIONS, LAP OVER TOP OF AIR & MOISTURE BARRIER AND RETURN INTO OPENING-TYPICAL
1 1/4"
ALUMINUM STOREFRONT SYSTEM, RE: STOREFRONT TYPES. SHIM AS REQUIRED, PROVIDE CONT. BACKER ROD & SEALANT BOTH SIDE, TYP.

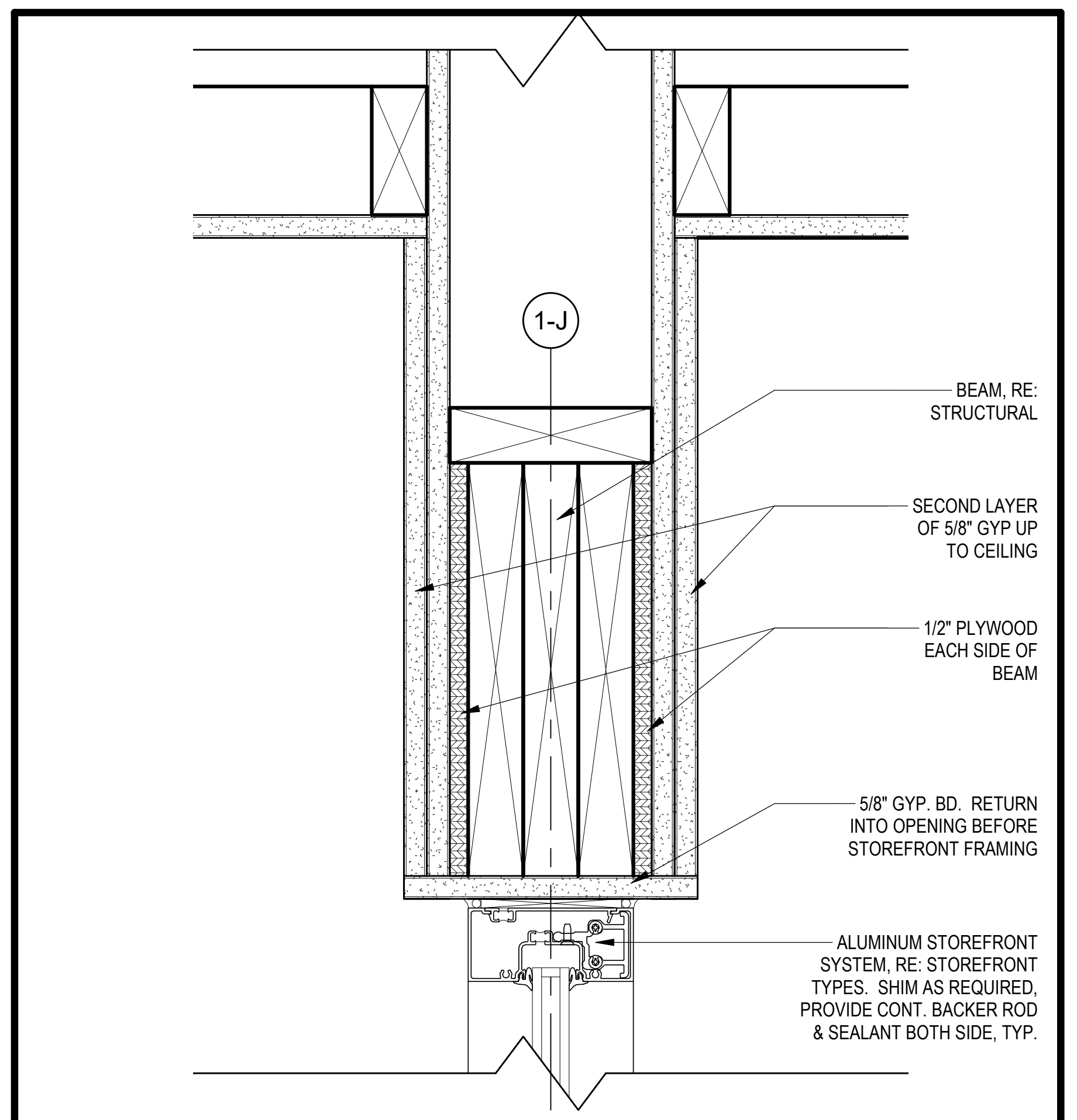
7 STOREFRONT JAMB @ ALUMINUM SIDING

SCALE: 3" = 1'-0"


STEEL COLUMN RE: STRUCTURAL, WRAP IN SHEET STEEL PER UL X526 THEN GYP
5/8" PLYWOOD OVER 5/8" GYP BD WRAPPED AROUND COLUMN
7 1/2"
7 1/2"
1-J
WRAP ALL SIDES AND INTO OPENING WITH BREAK METAL TO MATCH STOREFRONT
ALUMINUM STOREFRONT SYSTEM, RE: STOREFRONT TYPES. SHIM AS REQUIRED, PROVIDE CONT. BACKER ROD & SEALANT BOTH SIDE, TYP.
1-2

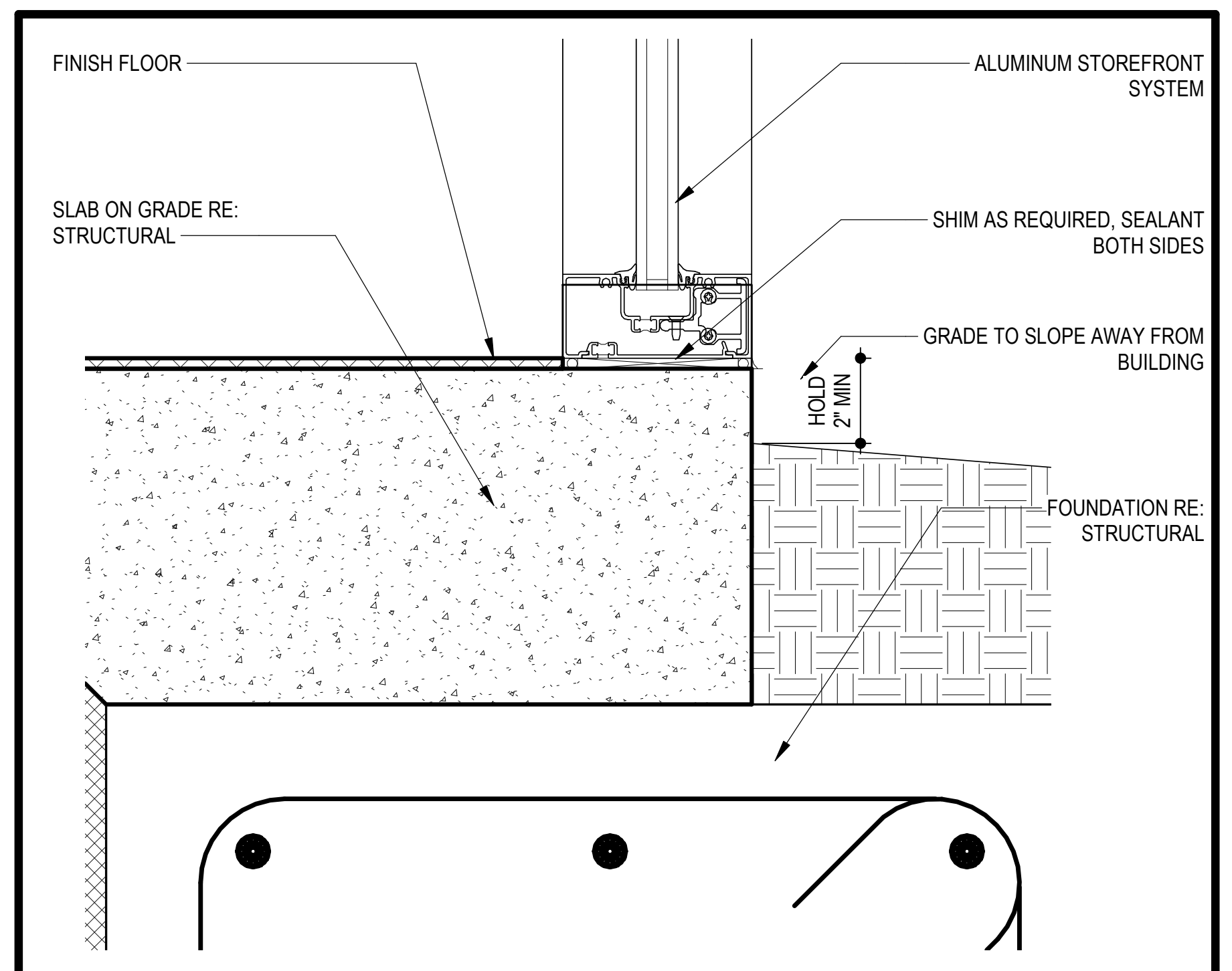
11 PLAN DETAIL @ VESTIBULE CORNER

SCALE: 3" = 1'-0"


1-J
BEAM, RE: STRUCTURAL
SECOND LAYER OF 5/8" GYP UP TO CEILING
1/2" PLYWOOD EACH SIDE OF BEAM
5/8" GYP. BD. RETURN INTO OPENING BEFORE STOREFRONT FRAMING
ALUMINUM STOREFRONT SYSTEM, RE: STOREFRONT TYPES. SHIM AS REQUIRED, PROVIDE CONT. BACKER ROD & SEALANT BOTH SIDE, TYP.

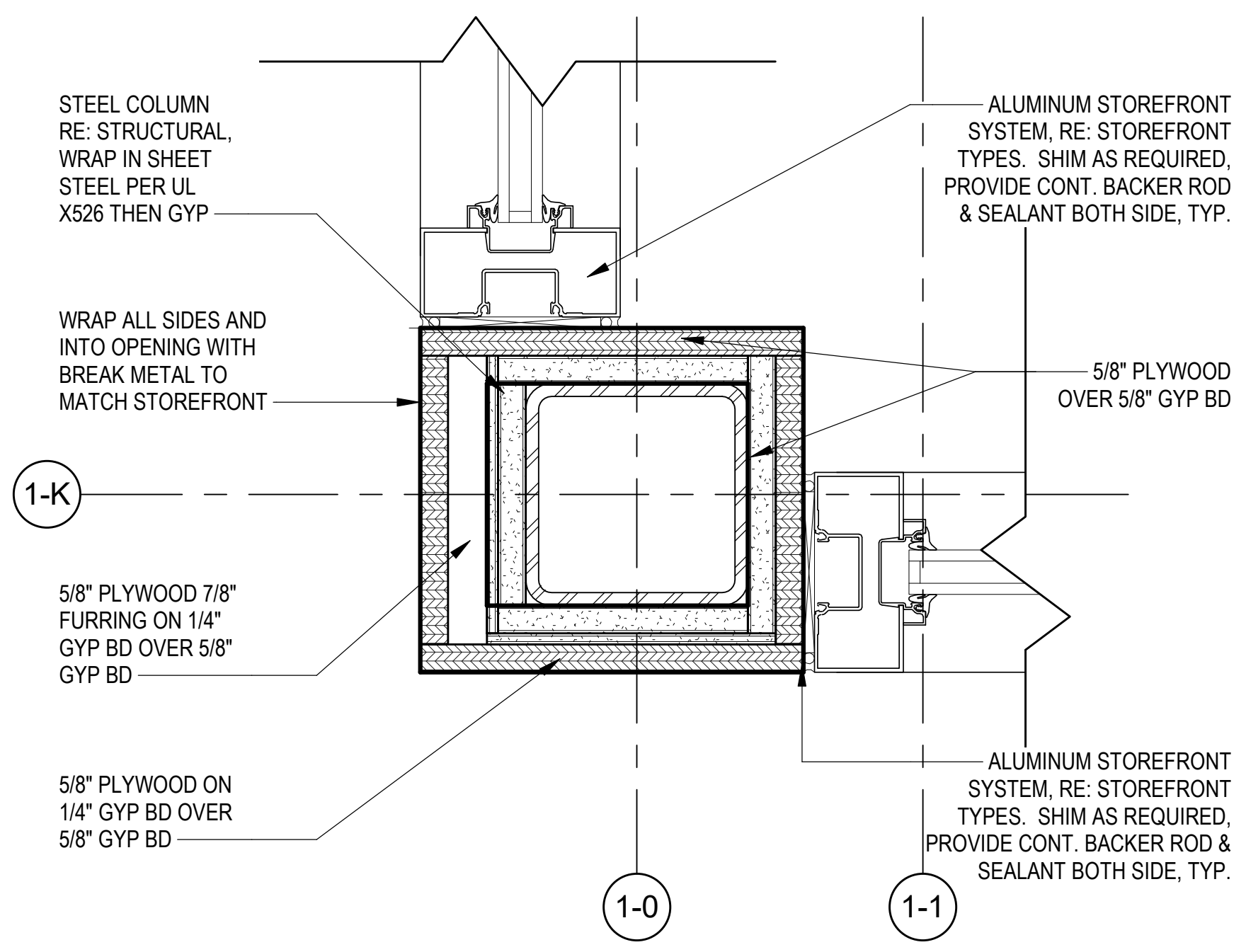
19 VESTIBULE STOREFRONT HEAD

SCALE: 3" = 1'-0"


FINISH FLOOR
ALUMINUM STOREFRONT SYSTEM
SLAB ON GRADE RE: STRUCTURAL
SHIM AS REQUIRED, SEALANT BOTH SIDES
GRADE TO SLOPE AWAY FROM BUILDING
HOLD 2" MIN
FOUNDATION RE: STRUCTURAL

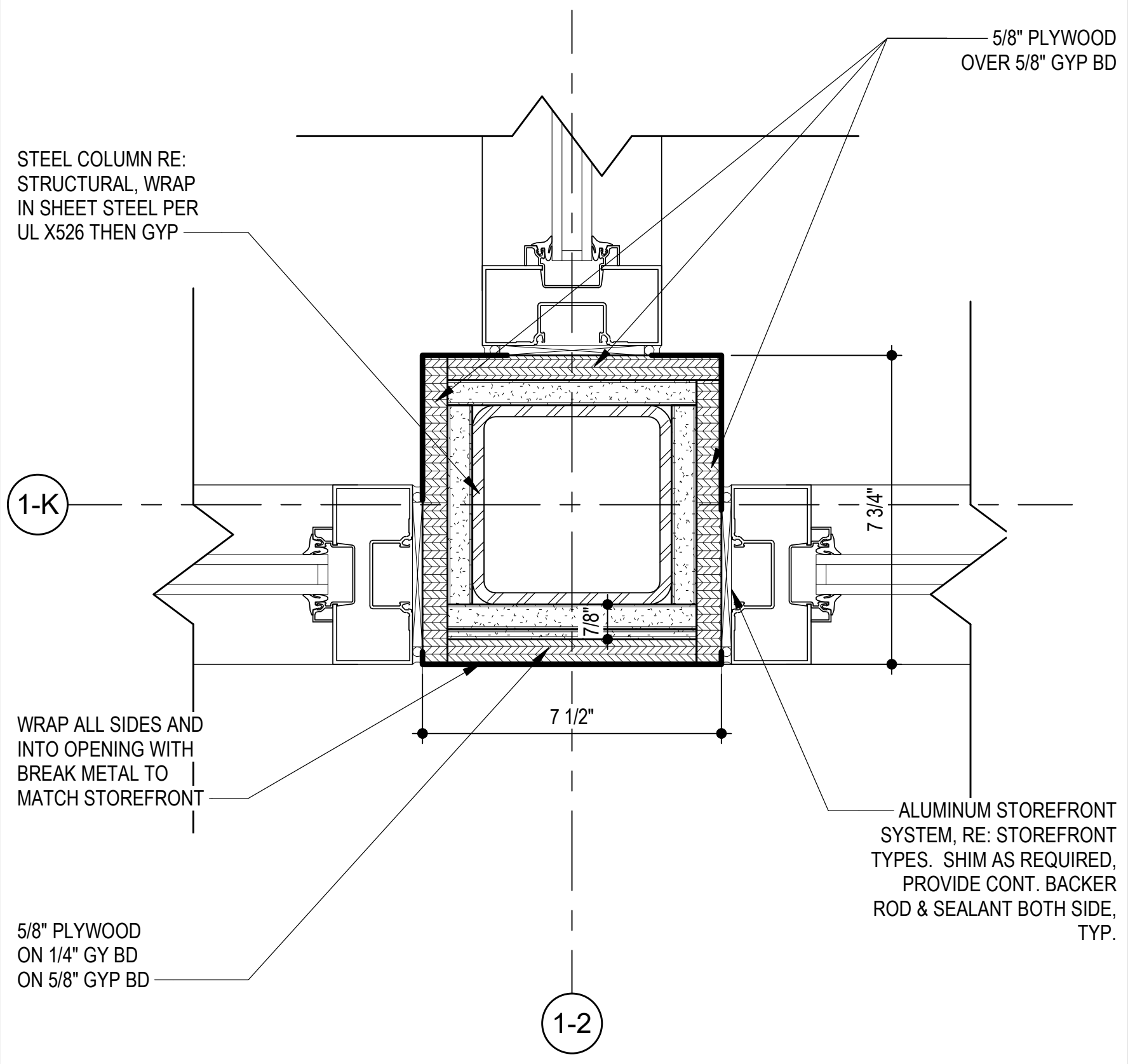
4 STOREFRONT SILL

SCALE: 3" = 1'-0"


STEEL COLUMN RE: STRUCTURAL, WRAP IN SHEET STEEL PER UL X526 THEN GYP
ALUMINUM STOREFRONT SYSTEM, RE: STOREFRONT TYPES. SHIM AS REQUIRED, PROVIDE CONT. BACKER ROD & SEALANT BOTH SIDE, TYP.
WRAP ALL SIDES AND INTO OPENING WITH BREAK METAL TO MATCH STOREFRONT
5/8" PLYWOOD OVER 5/8" GYP BD
1-K
5/8" PLYWOOD 7/8" FURRING ON 1/4" GYP BD OVER 5/8" GYP BD
5/8" PLYWOOD ON 1/4" GYP BD OVER 5/8" GYP BD
ALUMINUM STOREFRONT SYSTEM, RE: STOREFRONT TYPES. SHIM AS REQUIRED, PROVIDE CONT. BACKER ROD & SEALANT BOTH SIDE, TYP.
1-0
1-1

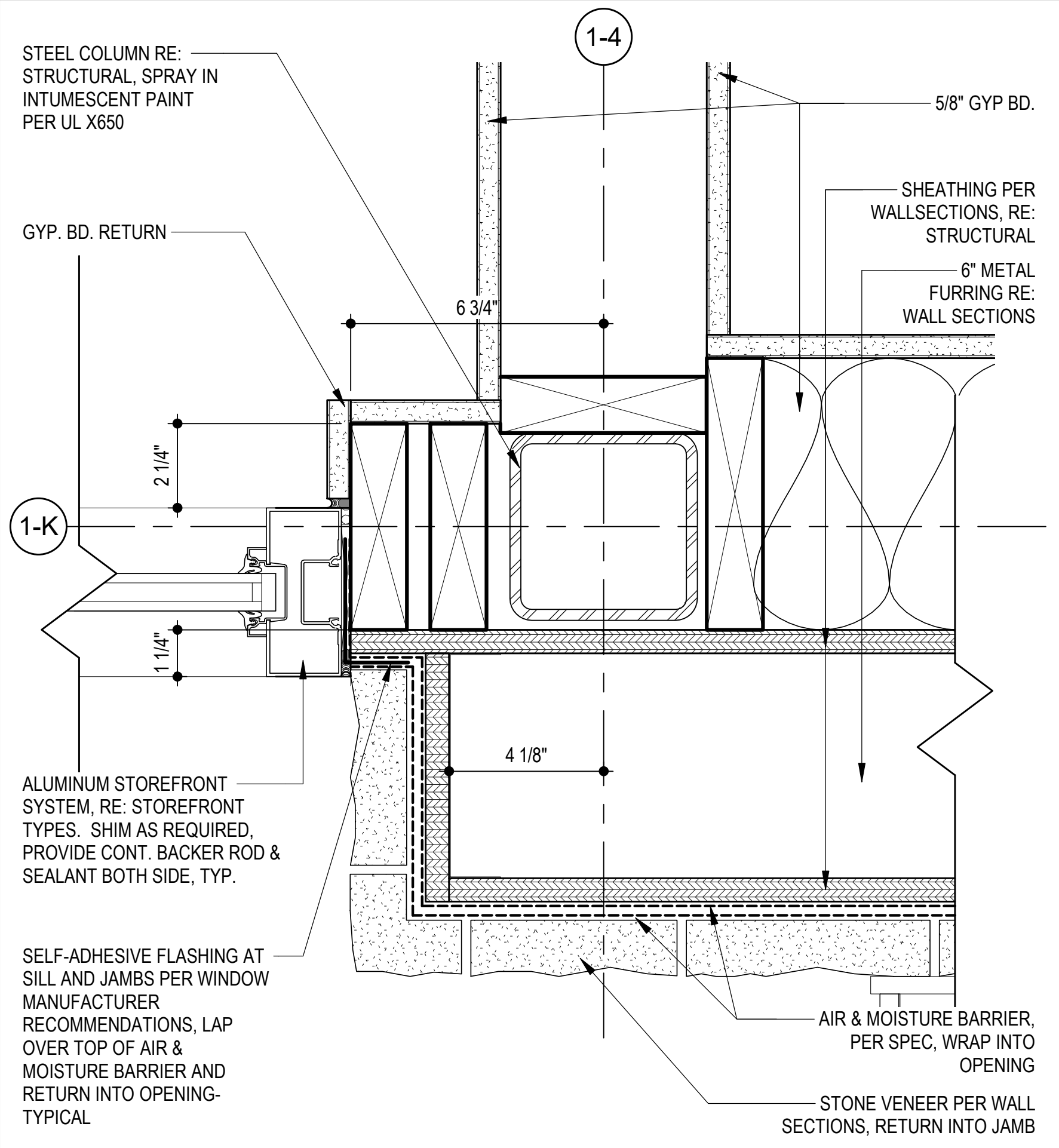
8 PLAN DETAIL @ STOREFRONT CORNER

SCALE: 3" = 1'-0"


5/8" PLYWOOD OVER 5/8" GYP BD
STEEL COLUMN RE: STRUCTURAL, WRAP IN SHEET STEEL PER UL X526 THEN GYP
1-K
7 3/4"
7/8"
7 1/2"
WRAP ALL SIDES AND INTO OPENING WITH BREAK METAL TO MATCH STOREFRONT
ALUMINUM STOREFRONT SYSTEM, RE: STOREFRONT TYPES. SHIM AS REQUIRED, PROVIDE CONT. BACKER ROD & SEALANT BOTH SIDE, TYP.
5/8" PLYWOOD ON 1/4" GY BD ON 5/8" GYP BD
1-2

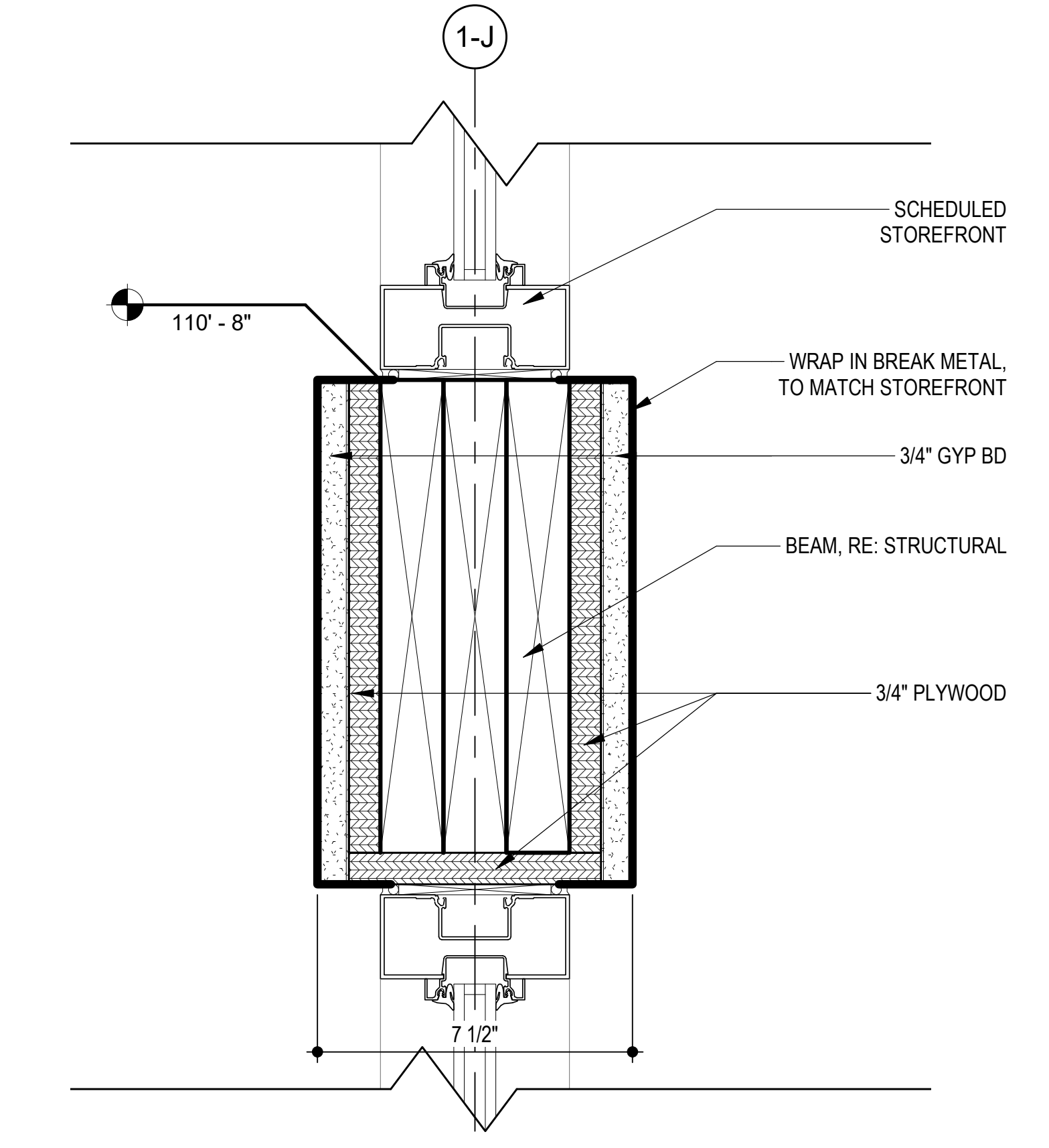
12 PLAN DETAIL @ VESTIBULE STOREFRONT

SCALE: 3" = 1'-0"


1-4
STEEL COLUMN RE: STRUCTURAL, SPRAY IN INTUMESCENT PAINT PER UL X650
5/8" GYP BD.
SHEATHING PER WALLSECTIONS, RE: STRUCTURAL
GYP. BD. RETURN
6" METAL FURRING RE: WALL SECTIONS
6 3/4"
2 1/4"
1-K
1 1/4"
4 1/8"
ALUMINUM STOREFRONT SYSTEM, RE: STOREFRONT TYPES. SHIM AS REQUIRED, PROVIDE CONT. BACKER ROD & SEALANT BOTH SIDE, TYP.
SELF-ADHESIVE FLASHING AT SILL AND JAMBS PER WINDOW MANUFACTURER RECOMMENDATIONS, LAP OVER TOP OF AIR & MOISTURE BARRIER AND RETURN INTO OPENING-TYPICAL
AIR & MOISTURE BARRIER, PER SPEC, WRAP INTO OPENING
STONE VENEER PER WALL SECTIONS, RETURN INTO JAMB

16 STOREFRONT JAMB @ STONE VENEER @ VESTIBULE

SCALE: 3" = 1'-0"


1-J
SCHEDULED STOREFRONT
110' - 8"
WRAP IN BREAK METAL, TO MATCH STOREFRONT
3/4" GYP BD
BEAM, RE: STRUCTURAL
3/4" PLYWOOD
7 1/2"

20 STOREFRONT @ WOOD BEAM @ VESTIBULE

SCALE: 3" = 1'-0"

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
05/23/2022

RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
5.12.2022

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	SM ENGINEERING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

Tegethoff
DEVELOPMENT

The Signature at West Pryor

2100 AND 2150 NW LOWENSTEIN DR.
LEE'S SUMMIT, MISSOURI 64081

TR,i ARCHITECTS

TR,i Architects
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DATE: 7.15.2021

REVISIONS #

3	Revision 1	2.11.2022
5	Revision 3	5.12.2022

DWG BY MKSS

TR,i PROJECT NO. 20-001

SHEET NO.

A058

STOREFRONT DETAILS

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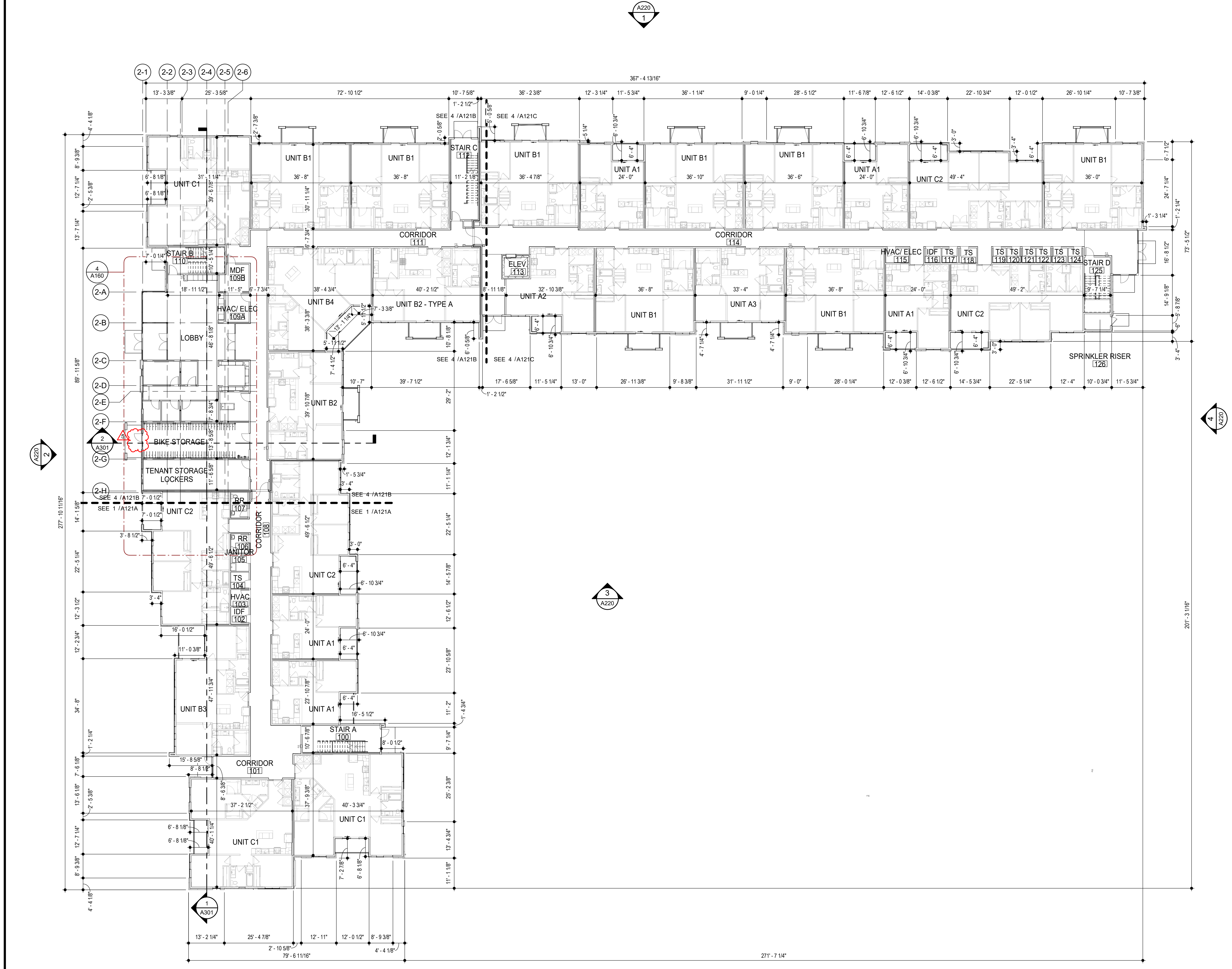
Development Services Department
Lee's Summit, Missouri
05/23/2022


UNIT B1
UNIT A1
UNIT C2
UNIT C1
STAIR C 112
STAIR B 110
CORRIDOR 111
CORRIDOR 114
ELEV 113
UNIT A2
UNIT B4
UNIT B2 - TYPE A
UNIT A3
MDF 109B
HVAC/ ELEC 109A
HVAC/ ELEC 115
IDF 116
TS 117
TS 118
TS 119
TS 120
TS 121
TS 122
TS 123
TS 124
STAIR D 125
SPRINKLER RISER 126
LOBBY
UNIT B2
BIKE STORAGE
TENANT STORAGE LOCKERS
RR 107
RR 106
JANITOR 105
TS 104
HVAC 103
IDF 102
CORRIDOR 108
UNIT B3
STAIR A 100
CORRIDOR 101
367' - 4 13/16"
277' - 10 11/16"
271' - 7 1/4"
201' - 3 1/16"
79' - 6 11/16"
SEE 4 /A121B
SEE 4 /A121C
SEE 1 /A121A
1 A220
2 A220
3 A220
4 A220
4 A160
1 A301
2 A301
2-1
2-2
2-3
2-4
2-5
2-6
2-A
2-B
2-C
2-D
2-E
2-F
2-G
2-H

4 **BLDG 2 - FIRST FLOOR PLAN**
SCALE: 1/16" = 1'-0"

GENERAL NOTES

A. DIMENSIONS ARE TO FACE OF STUD OR FACE OF MASONRY.

B. FOR DOOR SCHEDULE SEE SHEET A040 XXX

C. FOR WINDOW SCHEDULE SEE SHEET A050 X

D. FOR PARTITION TYPES SEE SHEET A030 X

E. FOR UNIT INTERIOR PARTITION TYPES AND LOCATIONS REFER TO UNIT SHEETS (A400 THROUGH A415).

F. GENERAL CONTRACTOR WILL FURNISH & INSTALL 5 LB MULTIPURPOSE DRY CHEMICAL 2A:10B:C RATED FIRE EXTINGUISHERS w/ MOUNTING BRACKETS & ACCESSORIES @ 4'-0" A.F.F. AS REQUIRED BY GOVERNMENTAL AUTHORITIES. MAXIMUM TRAVEL DISTANCE OF 75'-0" FOR PLACEMENT IN PUBLIC SPACES AND CORRIDORS. A MINIMUM RATED 1A:10B:C FIRE EXTINGUISHER TO BE PROVIDED IN EACH UNIT.

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 1WF6s UNIT ENTRY RECESS PARTITION TYPE TO BE 1WA4s, AND PARTITION TYPE BEHIND REFRIGERATOR TO BE 1WF4s.

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.

L. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO COORDINATE, LOCATE AND CONFIRM ALL FLOOR SINK, UNDERGROUND / OVERHEAD PLUMBING AND ELECTRICAL STUB-UPS, SPOT GRADING AT PERIMETER FOUNDATIONS

M. THE ARCHITECT ASSUMES THE GENERAL CONTRACTOR HAS INCLUDED IN HIS BID THE HIGHEST QUALITY AND GREATEST QUANTITY FOR THE PURPOSE OF RESOLVING ANY CONFLICTS IN THE CONSTRUCTION DOCUMENTS WHICH ARE IMPLIED OR UNDEFINED.

N. * ASSUMED FINISH FLOOR ELEVATION = 100.00'* VERIFY ACTUAL FINISH FLOOR ELEVATION WITH CIVIL DRAWINGS.

O. GENERAL CONTRACTOR TO CAULK AND SEAL EXPANSION JOINTS AT ALL EXTERIOR/INTERIOR CONCRETE - SEE MASONRY SPECIFICATIONS.

P. GENERAL CONTRACTOR SHALL VERIFY GOVERNMENTAL REQUIREMENTS PRIOR TO BID AND INCLUDE IN BID ALL COSTS ASSOCIATED WITH FIRE ALARM SYSTEM INCLUDING AUDIO/VISUAL DEVICES AND PULL STATIONS WHERE REQUIRED.

Q. ALL WINDOW AND SLIDER DOOR DIMENSIONS ARE TO CENTERLINE

FLOOR PLAN KEYED NOTES

1. FINISH FLOOR ELEVATION ASSUMED ELEVATION 100'-0" TYPICAL U.N.O. RE: CIVIL DRAWINGS FOR ALL GRADE INFORMATION.
2. 4" CONCRETE FLOOR SLAB WITH 6"x6" - W2.9xW2.9 W.W.F. ON 10 MIL POLY FILM VAPOR BARRIER ON 4" GRANULAR FILL. RE: STRUCTURAL DWGS.

RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
5.12.2022

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	SM ENGINEERING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

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DATE: 7.15.2021

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5	Revision 3	5.12.2022

DWG BY MKSS

TR,i PROJECT NO. 20-001

SHEET NO.

A121

BLDG 2 - FIRST FLOOR PLAN

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Lee's Summit, Missouri
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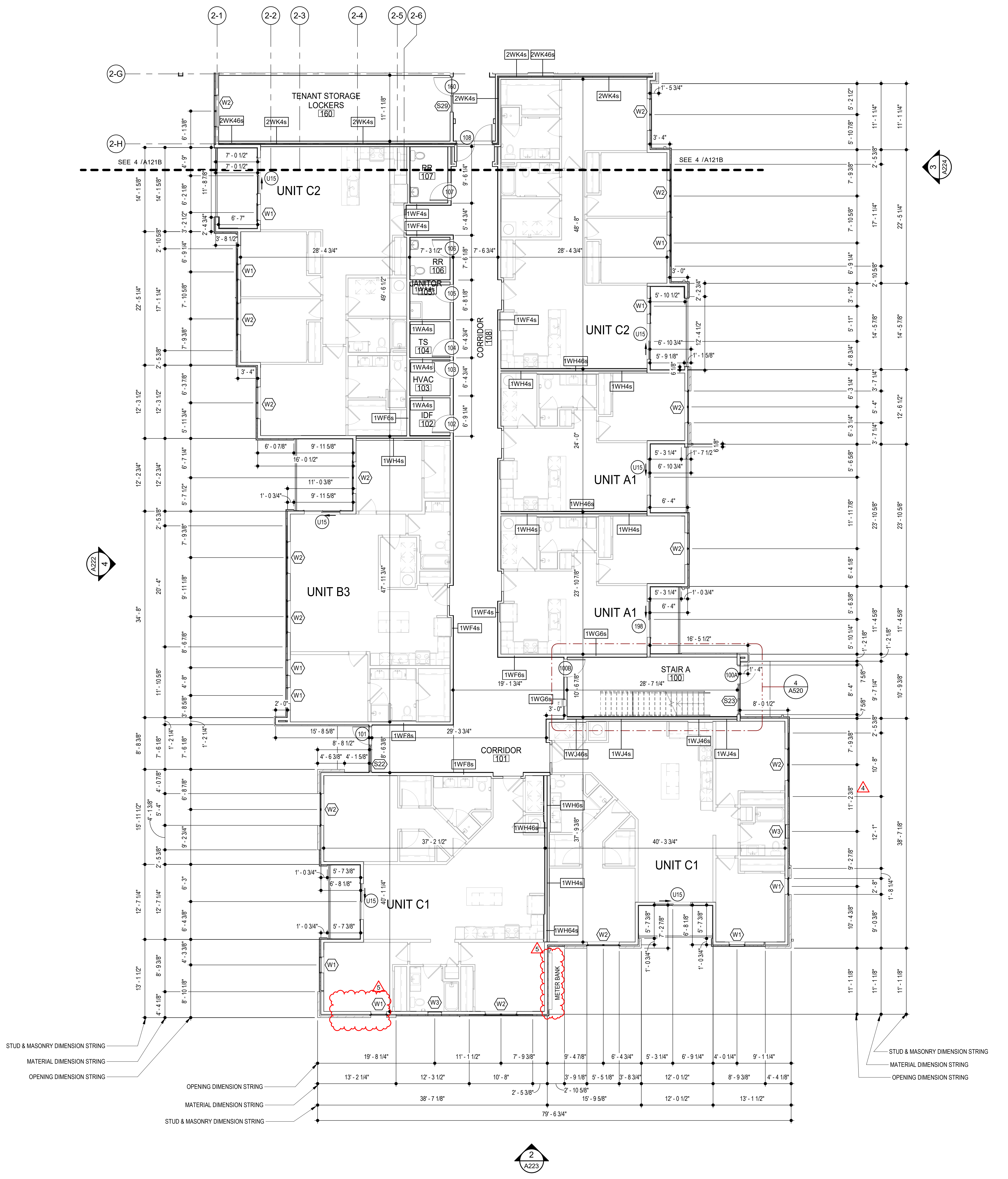

2-1
2-2
2-3
2-4
2-5
2-6
2-G
2-H
SEE 4 /A121B
TENANT STORAGE LOCKERS
160
UNIT C2
RR 107
RR 106
JANITOR 105
TS 104
HVAC 103
IDF 102
CORRIDOR 108
UNIT B3
UNIT A1
STAIR A 100
CORRIDOR 101
UNIT C1
METER BANK
2WK4s
2WK46s
1WF4s
1WA4s
1WF6s
1WH4s
1WH46s
1WG6s
1WF8s
1WJ4s
1WJ46s
1WH6s
1WH64s
W1
W2
W3
U15
S22
S23
S29
4 A520
3 A224
4 A222
2 A223
28' - 4 3/4"
37' - 2 1/2"
40' - 3 3/4"
79' - 6 3/4"
34' - 8"
STUD & MASONRY DIMENSION STRING
MATERIAL DIMENSION STRING
OPENING DIMENSION STRING

1 BLDG 2-A - ENLARGED FIRST FLOOR PLAN

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

GENERAL NOTES

A. DIMENSIONS ARE TO FACE OF STUD OR FACE OF MASONRY.

B. FOR DOOR SCHEDULE SEE SHEET A040 XXX

C. FOR WINDOW SCHEDULE SEE SHEET A050 X

D. FOR PARTITION TYPES SEE SHEET A030 X

E. FOR UNIT INTERIOR PARTITION TYPES AND LOCATIONS REFER TO UNIT SHEETS (A400 THROUGH A415).

F. GENERAL CONTRACTOR WILL FURNISH & INSTALL 5 LB MULTIPURPOSE DRY CHEMICAL 2A:10B:C RATED FIRE EXTINGUISHERS w/ MOUNTING BRACKETS & ACCESSORIES @ 4'-0" A.F.F. AS REQUIRED BY GOVERNMENTAL AUTHORITIES. MAXIMUM TRAVEL DISTANCE OF 75'-0" FOR PLACEMENT IN PUBLIC SPACES AND CORRIDORS. A MINIMUM RATED 1A:10B:C FIRE EXTINGUISHER TO BE PROVIDED IN EACH UNIT.

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 1WF6s UNIT ENTRY RECESS PARTITION TYPE TO BE 1WA4s, AND PARTITION TYPE BEHIND REFRIGERATOR TO BE 1WF4s.

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.

L. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO COORDINATE, LOCATE AND CONFIRM ALL FLOOR SINK, UNDERGROUND / OVERHEAD PLUMBING AND ELECTRICAL STUB-UPS, SPOT GRADING AT PERIMETER FOUNDATIONS

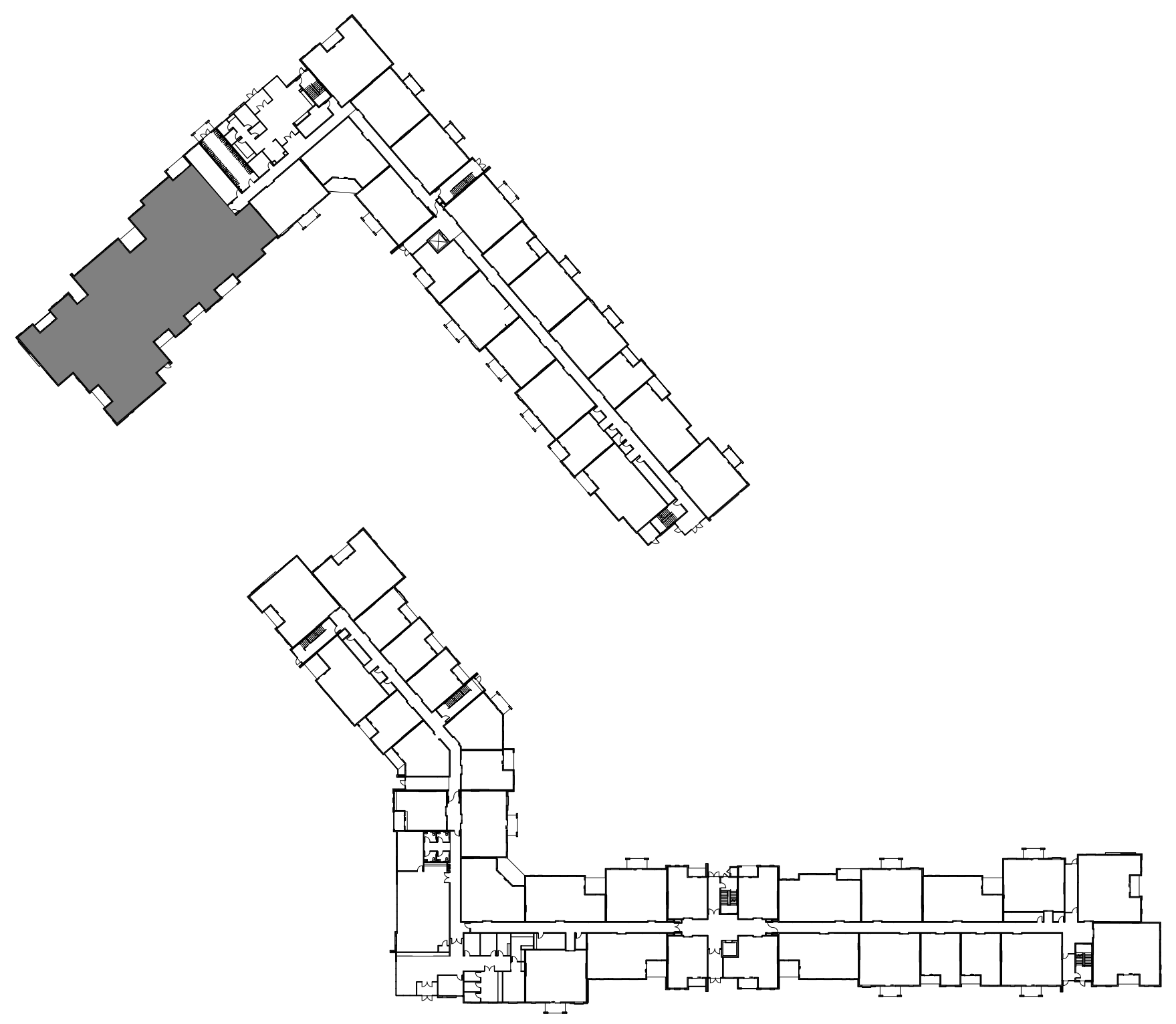
M. THE ARCHITECT ASSUMES THE GENERAL CONTRACTOR HAS INCLUDED IN HIS BID THE HIGHEST QUALITY AND GREATEST QUANTITY FOR THE PURPOSE OF RESOLVING ANY CONFLICTS IN THE CONSTRUCTION DOCUMENTS WHICH ARE IMPLIED OR UNDEFINED.

N. * ASSUMED FINISH FLOOR ELEVATION = 100.00'* VERIFY ACTUAL FINISH FLOOR ELEVATION WITH CIVIL DRAWINGS.

O. GENERAL CONTRACTOR TO CAULK AND SEAL EXPANSION JOINTS AT ALL EXTERIOR/INTERIOR CONCRETE - SEE MASONRY SPECIFICATIONS.

P. GENERAL CONTRACTOR SHALL VERIFY GOVERNMENTAL REQUIREMENTS PRIOR TO BID AND INCLUDE IN BID ALL COSTS ASSOCIATED WITH FIRE ALARM SYSTEM INCLUDING AUDIO/VISUAL DEVICES AND PULL STATIONS WHERE REQUIRED.

Q. ALL WINDOW AND SLIDER DOOR DIMENSIONS ARE TO CENTERLINE



LOCATION PLAN

RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
5.12.2022

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	SM ENGINEERING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

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REVISIONS #

4	Revision 2	3.1.2022
5	Revision 3	5.12.2022

DWG BY MKSS

TR,i PROJECT NO. 20-001

SHEET NO.

A121A

BLDG 2-A - ENLARGED FIRST FLOOR PLAN

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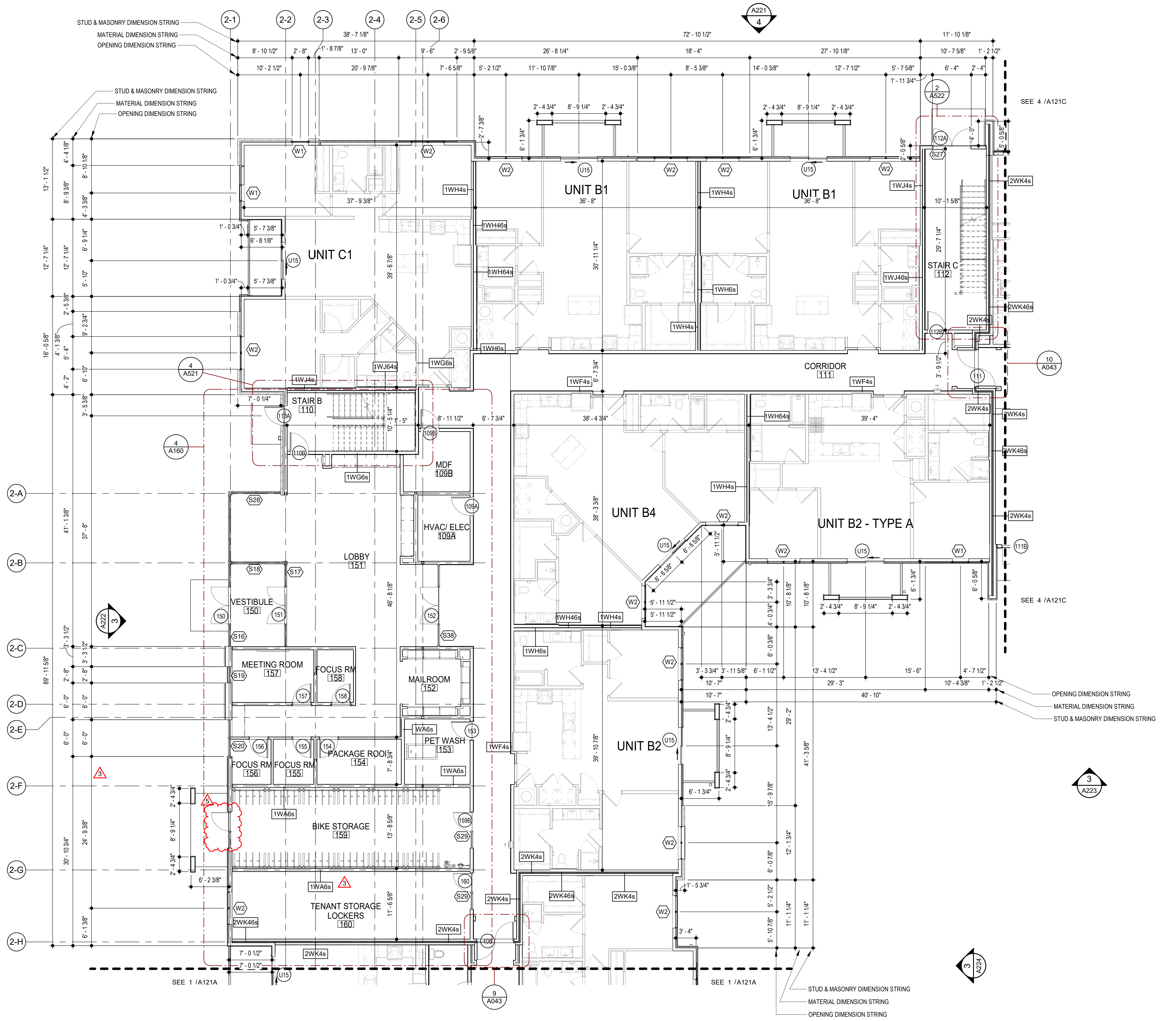

STUD & MASONRY DIMENSION STRING
MATERIAL DIMENSION STRING
OPENING DIMENSION STRING
2-1
2-2
2-3
2-4
2-5
2-6
A221
4
72' - 10 1/2"
11' - 10 1/8"
UNIT C1
UNIT B1
36' - 8"
UNIT B1
36' - 8"
STAIR C
112
CORRIDOR
111
STAIR B
110
MDF
109B
HVAC/ ELEC
109A
LOBBY
151
VESTIBULE
150
UNIT B4
UNIT B2 - TYPE A
UNIT B2
MEETING ROOM
157
FOCUS RM
158
MAILROOM
152
FOCUS RM
156
FOCUS RM
155
PACKAGE ROOM
154
PET WASH
153
BIKE STORAGE
159
TENANT STORAGE LOCKERS
160
2-A
2-B
2-C
2-D
2-E
2-F
2-G
2-H
SEE 4 /A121C
SEE 1 /A121A
10
A043
9
A043
4
A521
4
A160
2
A522
3
A223
3
A224
3
A222

4 BLDG 2-B - ENLARGED FIRST FLOOR PLAN

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

GENERAL NOTES

A. DIMENSIONS ARE TO FACE OF STUD OR FACE OF MASONRY.

B. FOR DOOR SCHEDULE SEE SHEET A040 XXX

C. FOR WINDOW SCHEDULE SEE SHEET A050 X

D. FOR PARTITION TYPES SEE SHEET A030 X

E. FOR UNIT INTERIOR PARTITION TYPES AND LOCATIONS REFER TO UNIT SHEETS (A400 THROUGH A415).

F. GENERAL CONTRACTOR WILL FURNISH & INSTALL 5 LB MULTIPURPOSE DRY CHEMICAL 2A:10B:C RATED FIRE EXTINGUISHERS w/ MOUNTING BRACKETS & ACCESSORIES @ 4'-0" A.F.F. AS REQUIRED BY GOVERNMENTAL AUTHORITIES. MAXIMUM TRAVEL DISTANCE OF 75'-0" FOR PLACEMENT IN PUBLIC SPACES AND CORRIDORS. A MINIMUM RATED 1A:10B:C FIRE EXTINGUISHER TO BE PROVIDED IN EACH UNIT.

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 1WF6s UNIT ENTRY RECESS PARTITION TYPE TO BE 1WA4s, AND PARTITION TYPE BEHIND REFRIGERATOR TO BE 1WF4s.

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.

L. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO COORDINATE, LOCATE AND CONFIRM ALL FLOOR SINK, UNDERGROUND / OVERHEAD PLUMBING AND ELECTRICAL STUB-UPS, SPOT GRADING AT PERIMETER FOUNDATIONS

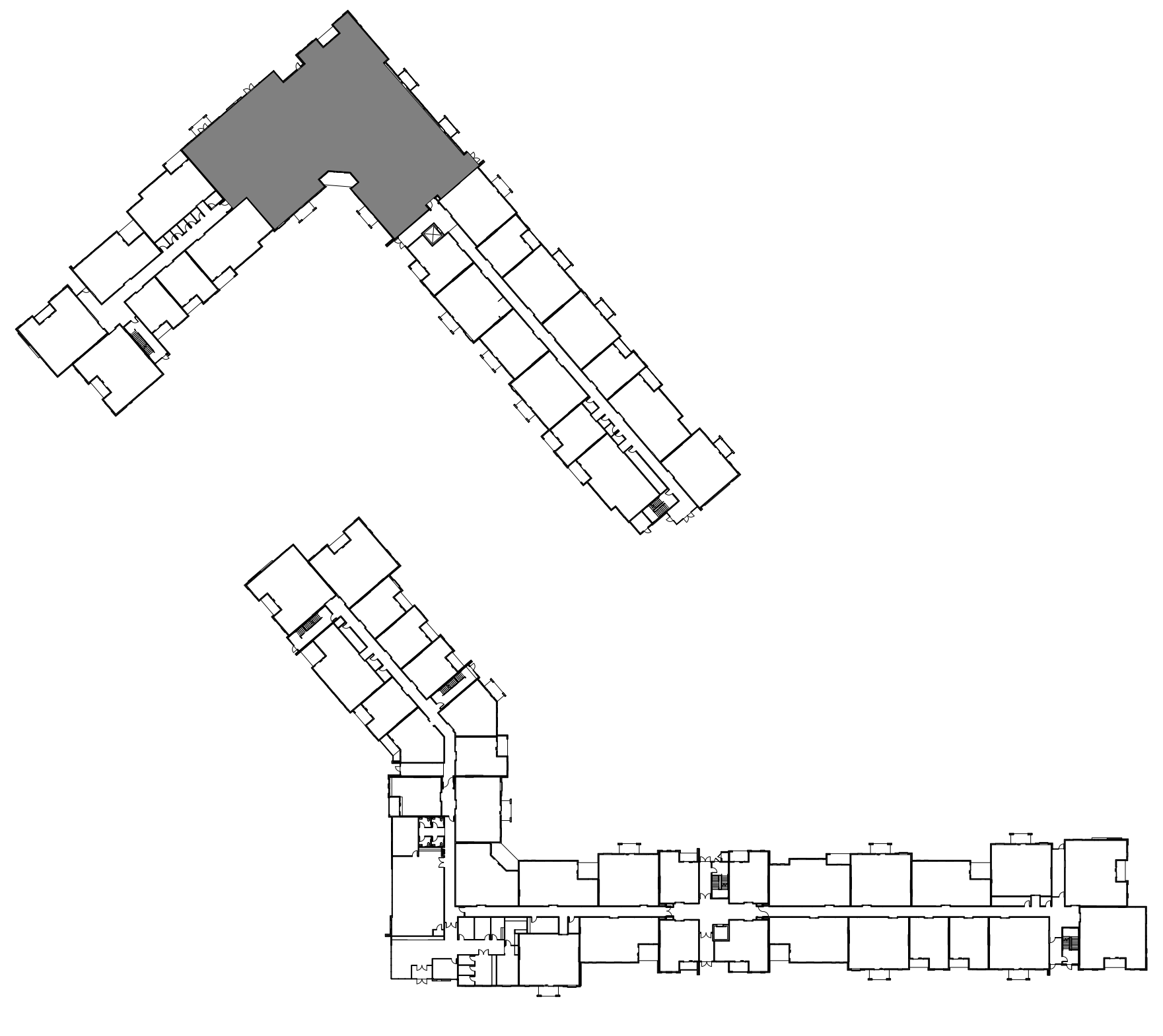
M. THE ARCHITECT ASSUMES THE GENERAL CONTRACTOR HAS INCLUDED IN HIS BID THE HIGHEST QUALITY AND GREATEST QUANTITY FOR THE PURPOSE OF RESOLVING ANY CONFLICTS IN THE CONSTRUCTION DOCUMENTS WHICH ARE IMPLIED OR UNDEFINED.

N. * ASSUMED FINISH FLOOR ELEVATION = 100.00'* VERIFY ACTUAL FINISH FLOOR ELEVATION WITH CIVIL DRAWINGS.

O. GENERAL CONTRACTOR TO CAULK AND SEAL EXPANSION JOINTS AT ALL EXTERIOR/INTERIOR CONCRETE - SEE MASONRY SPECIFICATIONS.

P. GENERAL CONTRACTOR SHALL VERIFY GOVERNMENTAL REQUIREMENTS PRIOR TO BID AND INCLUDE IN BID ALL COSTS ASSOCIATED WITH FIRE ALARM SYSTEM INCLUDING AUDIO/VISUAL DEVICES AND PULL STATIONS WHERE REQUIRED.

Q. ALL WINDOW AND SLIDER DOOR DIMENSIONS ARE TO CENTERLINE



LOCATION PLAN

RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
5.12.2022

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	SM ENGINEERING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

Tegethoff
DEVELOPMENT

The Signature at West Pryor

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DATE: 7.15.2021

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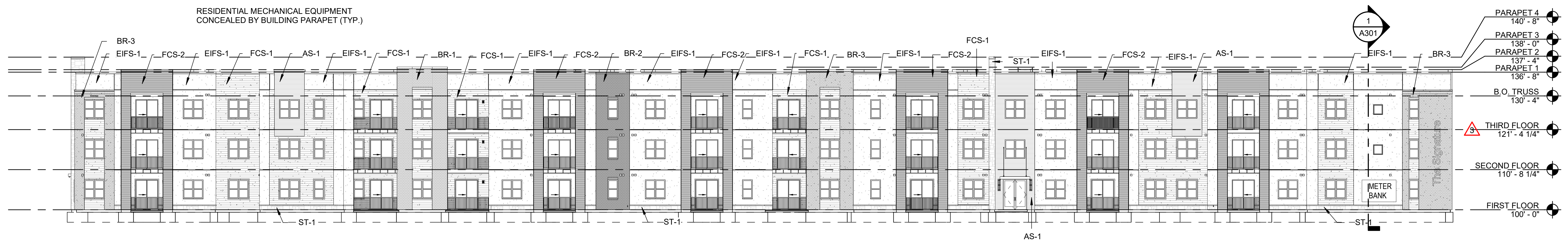
SHEET NO.

A121B

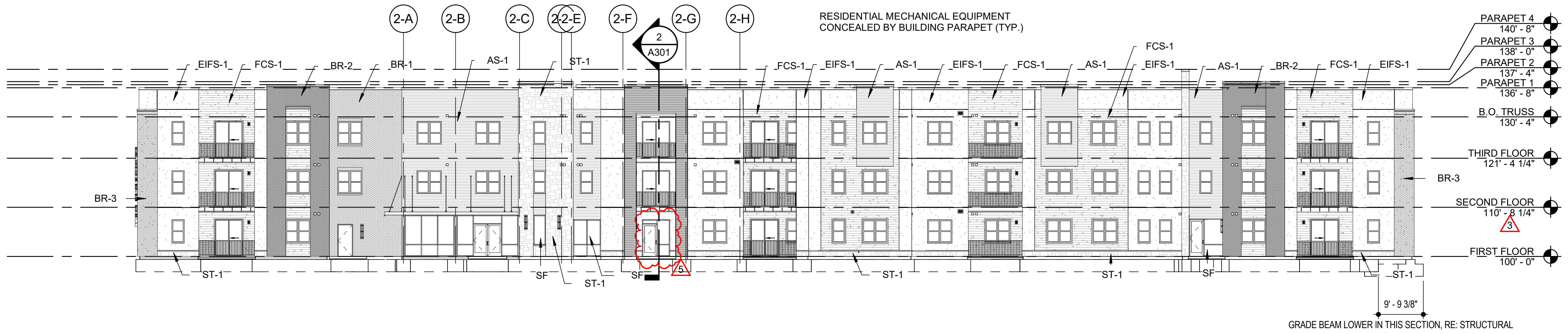
BLDG 2-B - ENLARGED FIRST FLOOR PLAN


RESIDENTIAL MECHANICAL EQUIPMENT
CONCEALED BY BUILDING PARAPET (TYP.)
BR-3
EIFS-1
FCS-2
EIFS-1
FCS-1
AS-1
EIFS-1
FCS-1
BR-1
FCS-1
EIFS-1
FCS-2
BR-2
EIFS-1
FCS-2
EIFS-1
FCS-1
BR-3
EIFS-1
FCS-1
FCS-2
ST-1
EIFS-1
FCS-2
EIFS-1
AS-1
EIFS-1
BR-3
1
A301
PARAPET 4
140' - 8"
PARAPET 3
138' - 0"
PARAPET 2
137' - 4"
PARAPET 1
136' - 8"
B.O. TRUSS
130' - 4"
3
THIRD FLOOR
121' - 4 1/4"
SECOND FLOOR
110' - 8 1/4"
FIRST FLOOR
100' - 0"
The Signature
METER BANK
ST-1
ST-1
AS-1
ST-1

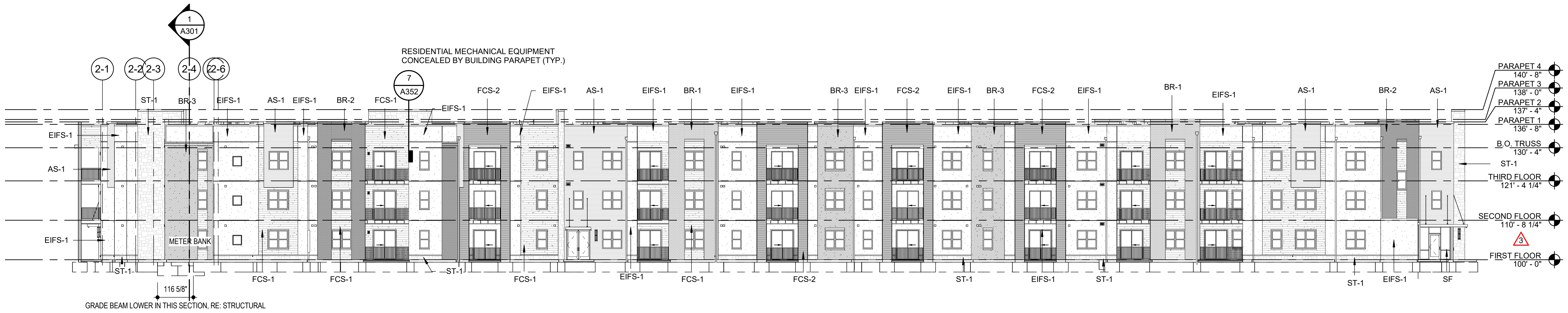
1 **BLDG 2 EAST ELEVATION**
SCALE: 1/16" = 1'-0"

EXTERIOR MATERIAL LEGEND

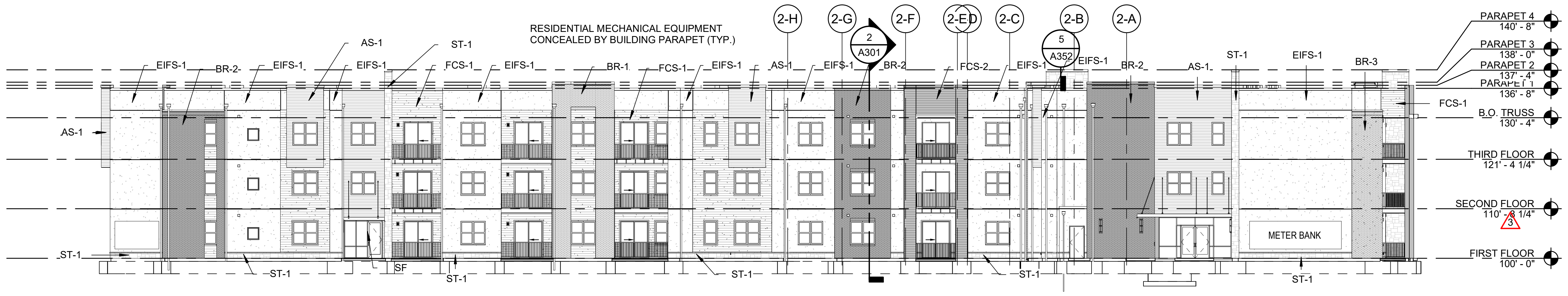
▨	EIFS-1	EIFS	MFR: DRYVIT, COLOR: MOONLIGHT, TEXTURE: SAND PEBBLE
☰	AS-1	ALUMINUM SIDING	MFR: FASTPLANK, COLOR: DARK WALNUT
☰	FCS-1	FIBER CEMENT SIDING	MFR: JAMES HARDIE, SIZE: 5" COLOR: AGED PEWTER FCT-1: TRIM THICKNESS: 1" - WIDTH: 3 1/2"
▤	FCS-2	FIBER CEMENT SIDING	MFR: JAMES HARDIE, SIZE: 5" COLOR: IRON GRAY FCT-2: TRIM THICKNESS: 1" - WIDTH: 3 1/2"
☐	FCT-3	FIBER CEMENT TRIM	MFR: JAMES HARDIE, THICKNESS: 1", WIDTH: 3 1/2" COLOR: ARTIC WHITE
▦	BR-1	BRICK	MFR: HEBRON, COLOR: SEA GRAY #6, SIZE: MODULAR
▦	BR-2	BRICK	MFR: ENDICOTT, COLOR: DARK IRONSPOT, SIZE: MODULAR
▦	BR-3	BRICK	MFR: HEBRON, COLOR: MAROON, SIZE: MODULAR, TEXTURE: SMOOTH
▦	ST-1	STONE VENEER	MFR: ELDORADO STONE, SERIES: LEDGECUT, COLOR: BIRCH
	SF	STOREFRONT	COLOR: BLACK GLASS: 1" CLEAR LOW-E GLASS, RE: SPEC


2-A
2-B
2-C
2-2-E
2-F
2-G
2-H
2
A301
RESIDENTIAL MECHANICAL EQUIPMENT
CONCEALED BY BUILDING PARAPET (TYP.)
EIFS-1
FCS-1
BR-2
BR-1
AS-1
ST-1
FCS-1
EIFS-1
AS-1
EIFS-1
FCS-1
AS-1
FCS-1
EIFS-1
AS-1
BR-2
FCS-1
EIFS-1
PARAPET 4
140' - 8"
PARAPET 3
138' - 0"
PARAPET 2
137' - 4"
PARAPET 1
136' - 8"
B.O. TRUSS
130' - 4"
THIRD FLOOR
121' - 4 1/4"
BR-3
BR-3
SECOND FLOOR
110' - 8 1/4"
3
FIRST FLOOR
100' - 0"
ST-1
SF
ST-1
SF
5
ST-1
ST-1
SF
ST-1
9' - 9 3/8"
GRADE BEAM LOWER IN THIS SECTION, RE: STRUCTURAL

2 **BLDG 2 NORTH ELEVATION**
SCALE: 1/16" = 1'-0"


1
A301
2-1
2-2
2-3
2-4
2-6
RESIDENTIAL MECHANICAL EQUIPMENT
CONCEALED BY BUILDING PARAPET (TYP.)
7
A352
ST-1
BR-3
EIFS-1
AS-1
EIFS-1
BR-2
FCS-1
EIFS-1
FCS-2
EIFS-1
AS-1
EIFS-1
BR-1
EIFS-1
BR-3
EIFS-1
FCS-2
EIFS-1
BR-3
FCS-2
EIFS-1
BR-1
EIFS-1
AS-1
BR-2
AS-1
EIFS-1
AS-1
EIFS-1
METER BANK
PARAPET 4
140' - 8"
PARAPET 3
138' - 0"
PARAPET 2
137' - 4"
PARAPET 1
136' - 8"
B.O. TRUSS
130' - 4"
ST-1
THIRD FLOOR
121' - 4 1/4"
SECOND FLOOR
110' - 8 1/4"
3
FIRST FLOOR
100' - 0"
ST-1
FCS-1
FCS-1
ST-1
FCS-1
EIFS-1
FCS-1
FCS-2
ST-1
EIFS-1
ST-1
ST-1
EIFS-1
SF
116 5/8"
GRADE BEAM LOWER IN THIS SECTION, RE: STRUCTURAL

3 **BLDG 2 WEST ELEVATION**
SCALE: 1/16" = 1'-0"


RESIDENTIAL MECHANICAL EQUIPMENT
CONCEALED BY BUILDING PARAPET (TYP.)
2-H
2-G
2-F
2-E
D
2-C
2-B
2-A
2
A301
5
A352
AS-1
ST-1
EIFS-1
BR-2
EIFS-1
EIFS-1
FCS-1
EIFS-1
BR-1
FCS-1
EIFS-1
AS-1
EIFS-1
BR-2
FCS-2
EIFS-1
EIFS-1
BR-2
AS-1
ST-1
EIFS-1
BR-3
FCS-1
AS-1
PARAPET 4
140' - 8"
PARAPET 3
138' - 0"
PARAPET 2
137' - 4"
PARAPET 1
136' - 8"
B.O. TRUSS
130' - 4"
THIRD FLOOR
121' - 4 1/4"
SECOND FLOOR
110' - 8 1/4"
3
FIRST FLOOR
100' - 0"
METER BANK
ST-1
ST-1
SF
ST-1
ST-1
ST-1
ST-1

4 **BLDG 2 SOUTH ELEVATION**
SCALE: 1/16" = 1'-0"

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
05/23/2022

RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
5.12.2022

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	SM ENGINEERING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

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BLDG 2 - OVERALL EXTERIOR ELEVATIONS

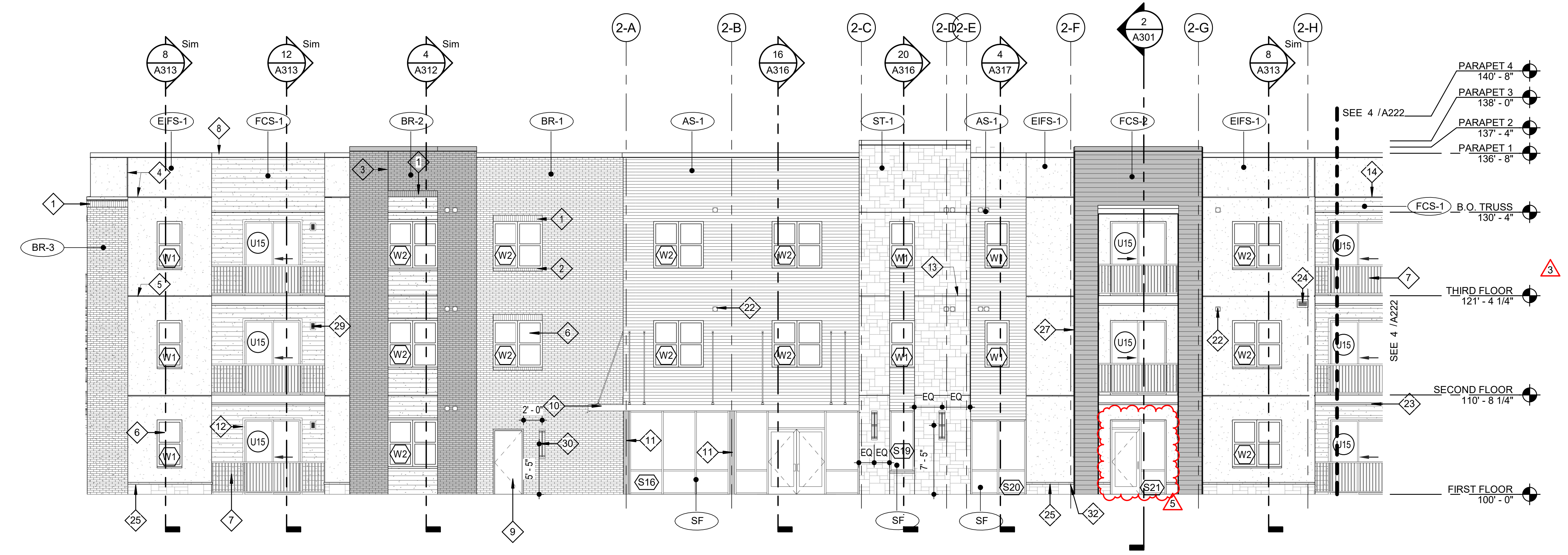
RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
05/23/2022

EXTERIOR MATERIAL LEGEND

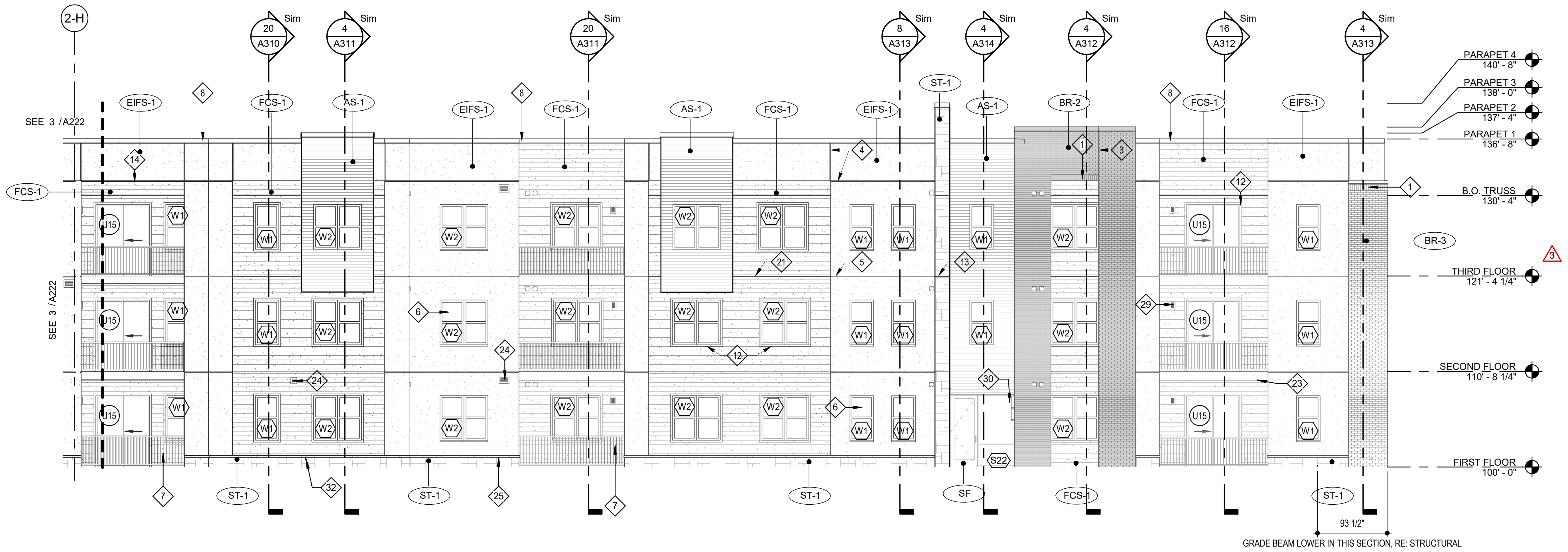
▨	EIFS-1	EIFS	MFR: DRYVIT, COLOR: MOONLIGHT, TEXTURE: SAND PEBBLE
▤	AS-1	ALUMINUM SIDING	MFR: FASTPLANK, COLOR: DARK WALNUT
▤	FCS-1	FIBER CEMENT SIDING	MFR: JAMES HARDIE, SIZE: 5" COLOR: AGED PEWTER FCT-1: TRIM THICKNESS: 1" - WIDTH: 3 1/2"
▤	FCS-2	FIBER CEMENT SIDING	MFR: JAMES HARDIE, SIZE: 5" COLOR: IRON GRAY FCT-2: TRIM THICKNESS: 1" - WIDTH: 3 1/2"
	FCT-3	FIBER CEMENT TRIM	MFR: JAMES HARDIE, THICKNESS: 1", WIDTH: 3 1/2" COLOR: ARTIC WHITE
▦	BR-1	BRICK	MFR: HEBRON, COLOR: SEA GRAY #6, SIZE: MODULAR
▦	BR-2	BRICK	MFR: ENDICOTT, COLOR: DARK IRONSPOT, SIZE: MODULAR
▦	BR-3	BRICK	MFR: HEBRON, COLOR: MAROON, SIZE: MODULAR, TEXTURE: SMOOTH
▦	ST-1	STONE VENEER	MFR: ELDORADO STONE, SERIES: LEDGECUT, COLOR: BIRCH
	SF	STOREFRONT	COLOR: BLACK GLASS: 1" CLEAR LOW-E GLASS, RE: SPEC

KEYED NOTES ◇#

1. BRICK SOLDIER COURSE PROJECTED 1/2".
2. BRICK ROWLOCK COURSE.
3. MASONRY VENEER CONTROL JOINT
4. EIFS REVEAL.
5. EIFS EXPANSION JOINT AT EACH FLOOR LEVEL, COORDINATE WITH MANUF. DETAILS AND REQUIREMENTS.
6. VINYL WINDOW SYSTEM (BLACK).
7. PREFINISHED GUARDRAIL (BLACK).
8. PRE-FINISHED SHEET METAL COPING. COLOR TO MATCH ADJACENT MATERIAL (EIFS, FIBER CEMENT SIDING, STONE, ALUMINUM SIDING).
9. HOLLOW METAL DOOR AND FRAMES TO BE PAINTED TO MATCH ADJACENT FINISH.
10. PREMANUFACTURED ALUM. CANOPY - COLOR BLACK.
11. BRAKE METAL TO MATCH STOREFRONT.
12. 3 1/2" WIDE HARDIE TRIM, TO MATCH ADJACENT FIBER CEMENT SIDING. TRIM AT SLIDER DOORS IN EIFS TO BE FCT-3
13. STONE VENEER EXPANSION JOINT AT EACH FLOOR LEVEL
14. 9 1/4" WIDE HARDIE TRIM TO MATCH ADJACENT FIBER CEMENT SIDING
15. PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH EIFS-1
16. PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH FCS-1
17. PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH FCS-2
18. PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH AS-1
19. PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH BR-1
20. PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH BR-2
21. SIDING EXPANSION JOINT AT EACH FLOOR LEVEL, COORDINATE WITH MFG. DETAILS AND REQUIREMENTS.
22. UNIT VENT CAP HEIGHTS PER DETAILS ON A230. TO MATCH ADJACENT MATERIAL
23. 1X12 TREX FASCIA
24. LOUVER TO MATCH ADJACENT MATERIAL
25. STONE WATERTABLE
26. METAL PANEL SYSTEM TO MATCH STOREFRONT
27. 11 1/4" WIDE HARDIE TRIM TO MATCH ADJACENT FIBER CEMENT SIDING
28. PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH BR-3
29. UNIT PATIO LIGHT RE: UNIT LIGHTING SCHEDULE ON UNIT SHEETS
30. EXTERIOR SCONCE RE: LIGHTING SCHEDULE
31. FIRE DEPARTMENT CONNECTION
32. WALL HYDRANT AT 11" ABOVE GRADE


2-A
2-B
2-C
2-D
2-E
2-F
2-G
2-H
8 A313 Sim
12 A313 Sim
4 A312 Sim
16 A316
20 A316
4 A317
2 A301
EIFS-1
FCS-1
BR-2
BR-1
AS-1
ST-1
FCS-2
BR-3
SF
W1
W2
U15
S16
S19
S20
S21
EQ
2' - 0"
7' - 5"
SEE 4 /A222
PARAPET 4
140' - 8"
PARAPET 3
138' - 0"
PARAPET 2
137' - 4"
PARAPET 1
136' - 8"
FCS-1
B.O. TRUSS
130' - 4"
3
THIRD FLOOR
121' - 4 1/4"
SECOND FLOOR
110' - 8 1/4"
FIRST FLOOR
100' - 0"
5

3 **BLDG 2 NORTH ELEVATION - EAST HALF**
SCALE: 1/8" = 1'-0"


2-H
20 A310 Sim
4 A311 Sim
20 A311 Sim
8 A313 Sim
4 A314 Sim
4 A312 Sim
16 A312 Sim
4 A313 Sim
SEE 3 /A222
EIFS-1
FCS-1
AS-1
ST-1
BR-2
BR-3
SF
W1
W2
U15
S22
PARAPET 4
140' - 8"
PARAPET 3
138' - 0"
PARAPET 2
137' - 4"
PARAPET 1
136' - 8"
B.O. TRUSS
130' - 4"
3
THIRD FLOOR
121' - 4 1/4"
SECOND FLOOR
110' - 8 1/4"
FIRST FLOOR
100' - 0"
93 1/2"
GRADE BEAM LOWER IN THIS SECTION, RE: STRUCTURAL

4 **BLDG 2 NORTH ELEVATION - WEST HALF**
SCALE: 1/8" = 1'-0"

RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
5.12.2022

TR,i ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
SM ENGINEERING	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: 7.15.2021

REVISIONS △#

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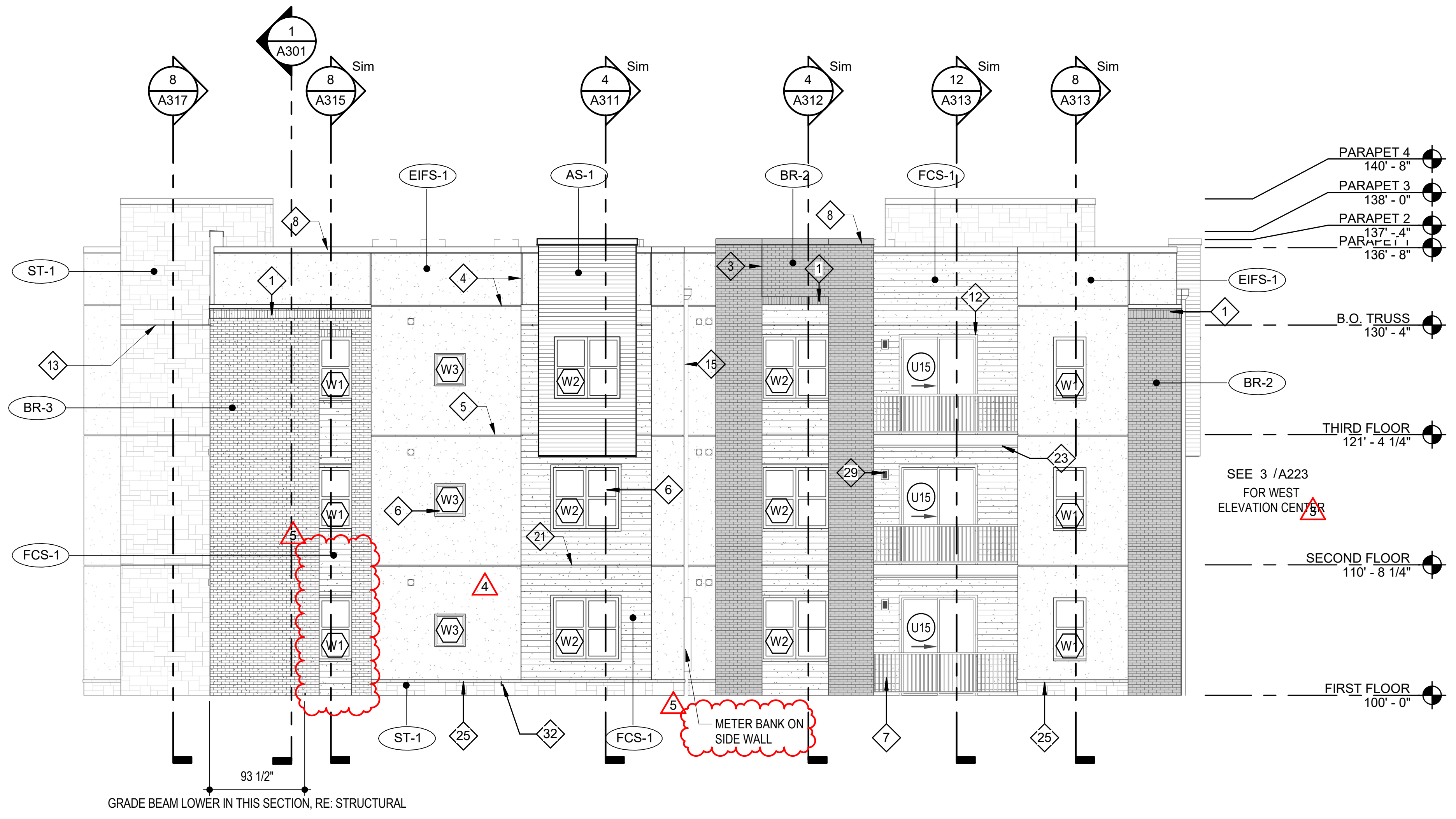
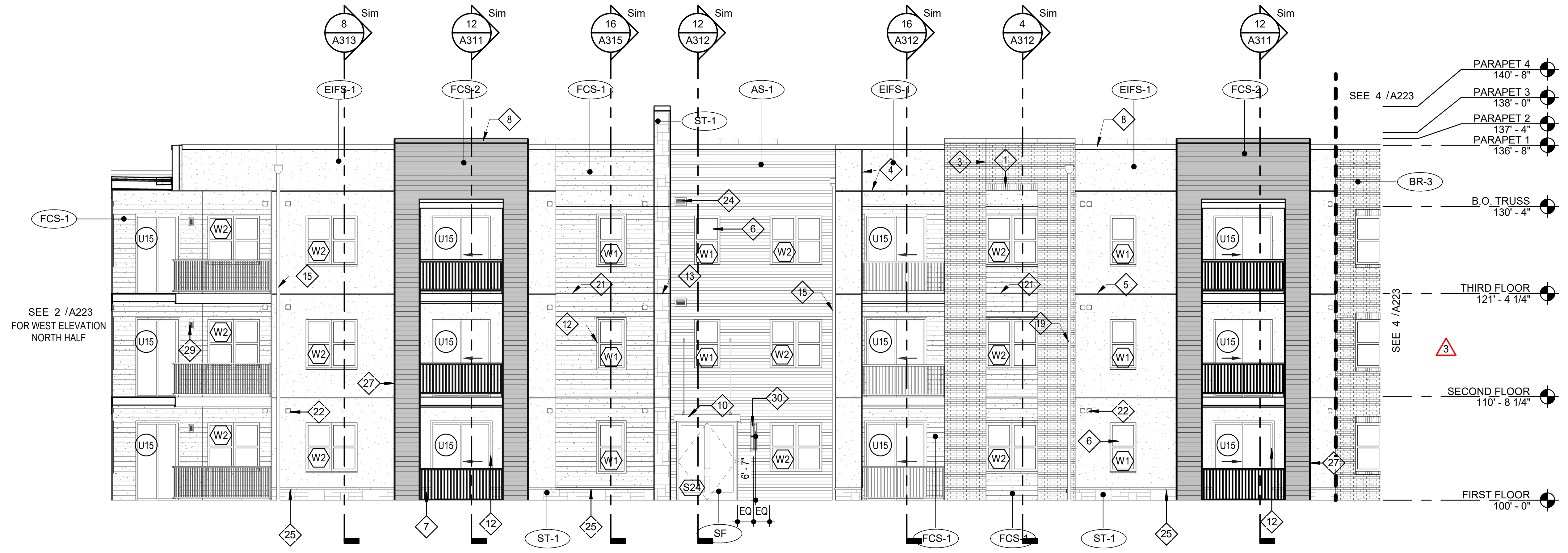
DWG BY MKSS
TR,i PROJECT NO. 20-001
SHEET NO.
A222
BLDG 2 - ENLARGED NORTH ELEVATIONS


PARAPET 4
140' - 8"
PARAPET 3
138' - 0"
PARAPET 2
137' - 4"
PARAPET 1
136' - 8"
B.O. TRUSS
130' - 4"
THIRD FLOOR
121' - 4 1/4"
SECOND FLOOR
110' - 8 1/4"
FIRST FLOOR
100' - 0"
SEE 3 /A223 FOR WEST ELEVATION CENTER
METER BANK ON SIDE WALL
93 1/2"
GRADE BEAM LOWER IN THIS SECTION, RE: STRUCTURAL
EIFS-1
AS-1
BR-2
FCS-1
ST-1
BR-3
Sim

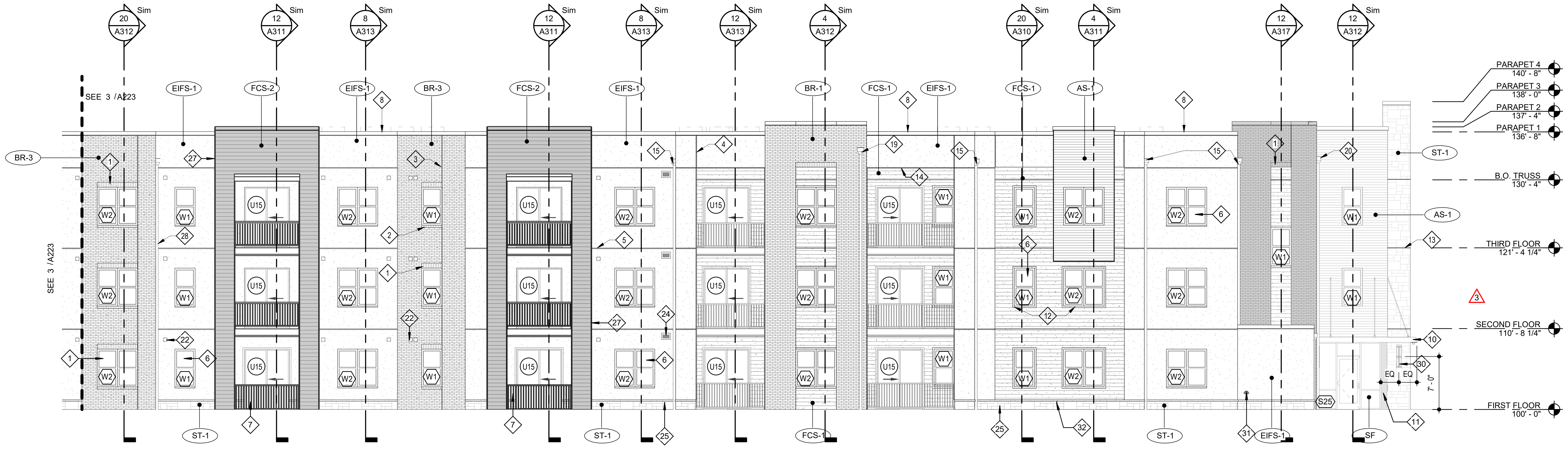
2 BLDG 2 WEST ELEVATION - NORTH HALF

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


PARAPET 4
140' - 8"
PARAPET 3
138' - 0"
PARAPET 2
137' - 4"
PARAPET 1
136' - 8"
B.O. TRUSS
130' - 4"
THIRD FLOOR
121' - 4 1/4"
SECOND FLOOR
110' - 8 1/4"
FIRST FLOOR
100' - 0"
SEE 4 /A223
SEE 2 /A223 FOR WEST ELEVATION NORTH HALF
FCS-1
FCS-2
EIFS-1
AS-1
ST-1
BR-3
SF
EQ EQ
Sim

3 BLDG 2 WEST ELEVATION - CENTER

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


PARAPET 4
140' - 8"
PARAPET 3
138' - 0"
PARAPET 2
137' - 4"
PARAPET 1
136' - 8"
B.O. TRUSS
130' - 4"
THIRD FLOOR
121' - 4 1/4"
SECOND FLOOR
110' - 8 1/4"
FIRST FLOOR
100' - 0"
SEE 3 /A223
BR-3
EIFS-1
FCS-2
BR-1
FCS-1
AS-1
ST-1
SF
EQ EQ
Sim

4 BLDG 2 WEST ELEVATION - SOUTH HALF

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

EXTERIOR MATERIAL LEGEND

▨	EIFS-1	EIFS	MFR: DRYVIT, COLOR: MOONLIGHT, TEXTURE: SAND PEBBLE
▤	AS-1	ALUMINUM SIDING	MFR: FASTPLANK, COLOR: DARK WALNUT
▤	FCS-1	FIBER CEMENT SIDING	MFR: JAMES HARDIE, SIZE: 5" COLOR: AGED PEWTER FCT-1: TRIM THICKNESS: 1" - WIDTH: 3 1/2"
▤	FCS-2	FIBER CEMENT SIDING	MFR: JAMES HARDIE, SIZE: 5" COLOR: IRON GRAY FCT-2: TRIM THICKNESS: 1" - WIDTH: 3 1/2"
	FCT-3	FIBER CEMENT TRIM	MFR: JAMES HARDIE, THICKNESS: 1", WIDTH: 3 1/2" COLOR: ARTIC WHITE
▦	BR-1	BRICK	MFR: HEBRON, COLOR: SEA GRAY #6, SIZE: MODULAR
▦	BR-2	BRICK	MFR: ENDICOTT, COLOR: DARK IRONSPOT, SIZE: MODULAR
▦	BR-3	BRICK	MFR: HEBRON, COLOR: MAROON, SIZE: MODULAR, TEXTURE: SMOOTH
▦	ST-1	STONE VENEER	MFR: ELDORADO STONE, SERIES: LEDGECUT, COLOR: BIRCH
	SF	STOREFRONT	COLOR: BLACK GLASS: 1" CLEAR LOW-E GLASS, RE: SPEC

KEYED NOTES ◇#

1. BRICK SOLDIER COURSE PROJECTED 1/2".
2. BRICK ROWLOCK COURSE.
3. MASONRY VENEER CONTROL JOINT
4. EIFS REVEAL.
5. EIFS EXPANSION JOINT AT EACH FLOOR LEVEL, COORDINATE WITH MANUF. DETAILS AND REQUIREMENTS.
6. VINYL WINDOW SYSTEM (BLACK).
7. PREFINISHED GUARDRAIL (BLACK).
8. PRE-FINISHED SHEET METAL COPING. COLOR TO MATCH ADJACENT MATERIAL (EIFS, FIBER CEMENT SIDING, STONE, ALUMINUM SIDING).
9. HOLLOW METAL DOOR AND FRAMES TO BE PAINTED TO MATCH ADJACENT FINISH.
10. PREMANUFACTURED ALUM. CANOPY - COLOR BLACK.
11. BRAKE METAL TO MATCH STOREFRONT.
12. 3 1/2" WIDE HARDIE TRIM, TO MATCH ADJACENT FIBER CEMENT SIDING. TRIM AT SLIDER DOORS IN EIFS TO BE FCT-3
13. STONE VENEER EXPANSION JOINT AT EACH FLOOR LEVEL
14. 9 1/4" WIDE HARDIE TRIM TO MATCH ADJACENT FIBER CEMENT SIDING
15. PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH EIFS-1
16. PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH FCS-1
17. PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH FCS-2
18. PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH AS-1
19. PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH BR-1
20. PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH BR-2
21. SIDING EXPANSION JOINT AT EACH FLOOR LEVEL, COORDINATE WITH MFG. DETAILS AND REQUIREMENTS.
22. UNIT VENT CAP HEIGHTS PER DETAILS ON A230. TO MATCH ADJACENT MATERIAL
23. 1X12 TREX FASCIA
24. LOUVER TO MATCH ADJACENT MATERIAL
25. STONE WATERTABLE
26. METAL PANEL SYSTEM TO MATCH STOREFRONT
27. 11 1/4" WIDE HARDIE TRIM TO MATCH ADJACENT FIBER CEMENT SIDING
28. PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH BR-3
29. UNIT PATIO LIGHT RE: UNIT LIGHTING SCHEDULE ON UNIT SHEETS
30. EXTERIOR SCONCE RE: LIGHTING SCHEDULE
31. FIRE DEPARTMENT CONNECTION
32. WALL HYDRANT AT 11" ABOVE GRADE

RELEASED FOR CONSTRUCTION
As Noted on Plans Review

Development Services Department
Lee's Summit, Missouri
05/23/2022

RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
5.12.2022

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	SM ENGINEERING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

Tegethoff DEVELOPMENT

The Signature at West Pryor

2100 AND 2150 NW LOWENSTEIN DR.
LEE'S SUMMIT, MISSOURI 64081

TR,i ARCHITECTS

TR,i Architects
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www.triarchitects.com

DATE: 7.15.2021

REVISIONS △#

3	Revision 1	2.11.2022
4	Revision 2	3.1.2022
5	Revision 3	5.12.2022

DWG BY MKSS

TR,i PROJECT NO. 20-001

SHEET NO.

A223

BLDG 2 - ENLARGED WEST ELEVATIONS

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
05/23/2022

KEYED NOTES

1. BRICK SOLDIER COURSE PROJECTED 1/2".
2. BRICK ROWLOCK COURSE.
3. MASONRY VENEER CONTROL JOINT
4. EIFS REVEAL.
5. EIFS EXPANSION JOINT AT EACH FLOOR LEVEL, COORDINATE WITH MANUF. DETAILS AND REQUIREMENTS.
6. VINYL WINDOW SYSTEM (BLACK).
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9. HOLLOW METAL DOOR AND FRAMES TO BE PAINTED TO MATCH ADJACENT FINISH.
10. PREMANUFACTURED ALUM. CANOPY - COLOR BLACK.
11. BRAKE METAL TO MATCH STOREFRONT.
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16. PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH FCS-1
17. PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH FCS-2
18. PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH AS-1
19. PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH BR-1
20. PREFINISHED SCUPPER AND/OR DOWNSPOUT COLOR TO MATCH BR-2
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23. 1X12 TREX FASCIA
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29. UNIT PATIO LIGHT RE: UNIT LIGHTING SCHEDULE ON UNIT SHEETS
30. EXTERIOR SCONCE RE: LIGHTING SCHEDULE
31. FIRE DEPARTMENT CONNECTION
32. WALL HYDRANT AT 11" ABOVE GRADE

EXTERIOR MATERIAL LEGEND

▨	EIFS-1	EIFS	MFR: DRYVIT, COLOR: MOONLIGHT, TEXTURE: SAND PEBBLE
▤	AS-1	ALUMINUM SIDING	MFR: FASTPLANK, COLOR: DARK WALNUT
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▤	FCS-2	FIBER CEMENT SIDING	MFR: JAMES HARDIE, SIZE: 5" COLOR: IRON GRAY FCT-2: TRIM THICKNESS: 1" - WIDTH: 3 1/2"
	FCT-3	FIBER CEMENT TRIM	MFR: JAMES HARDIE, THICKNESS: 1", WIDTH: 3 1/2" COLOR: ARTIC WHITE
▦	BR-1	BRICK	MFR: HEBRON, COLOR: SEA GRAY #6, SIZE: MODULAR
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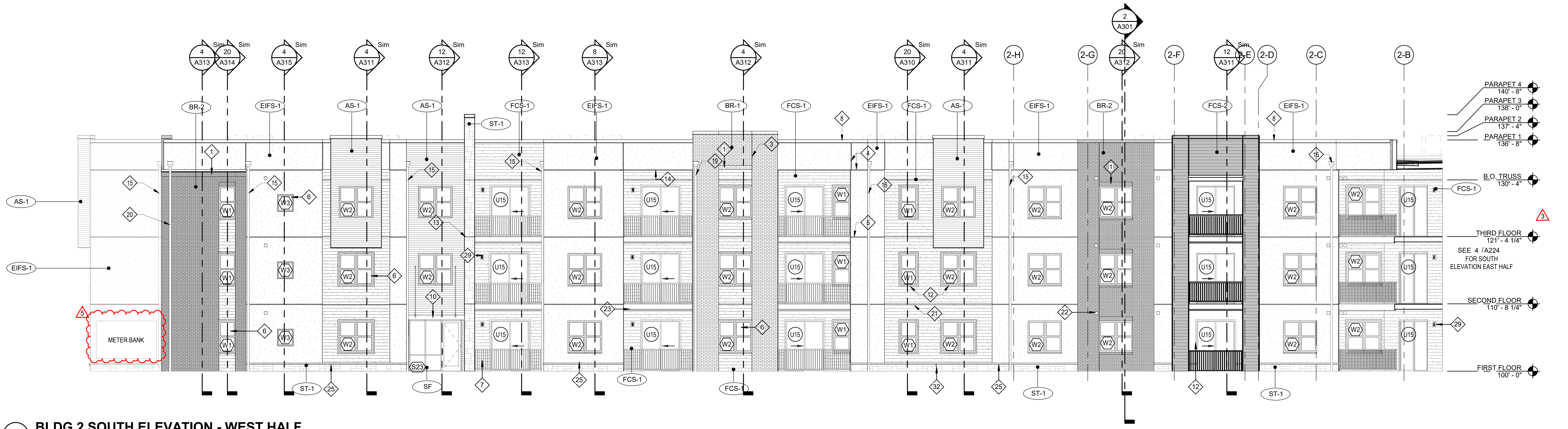
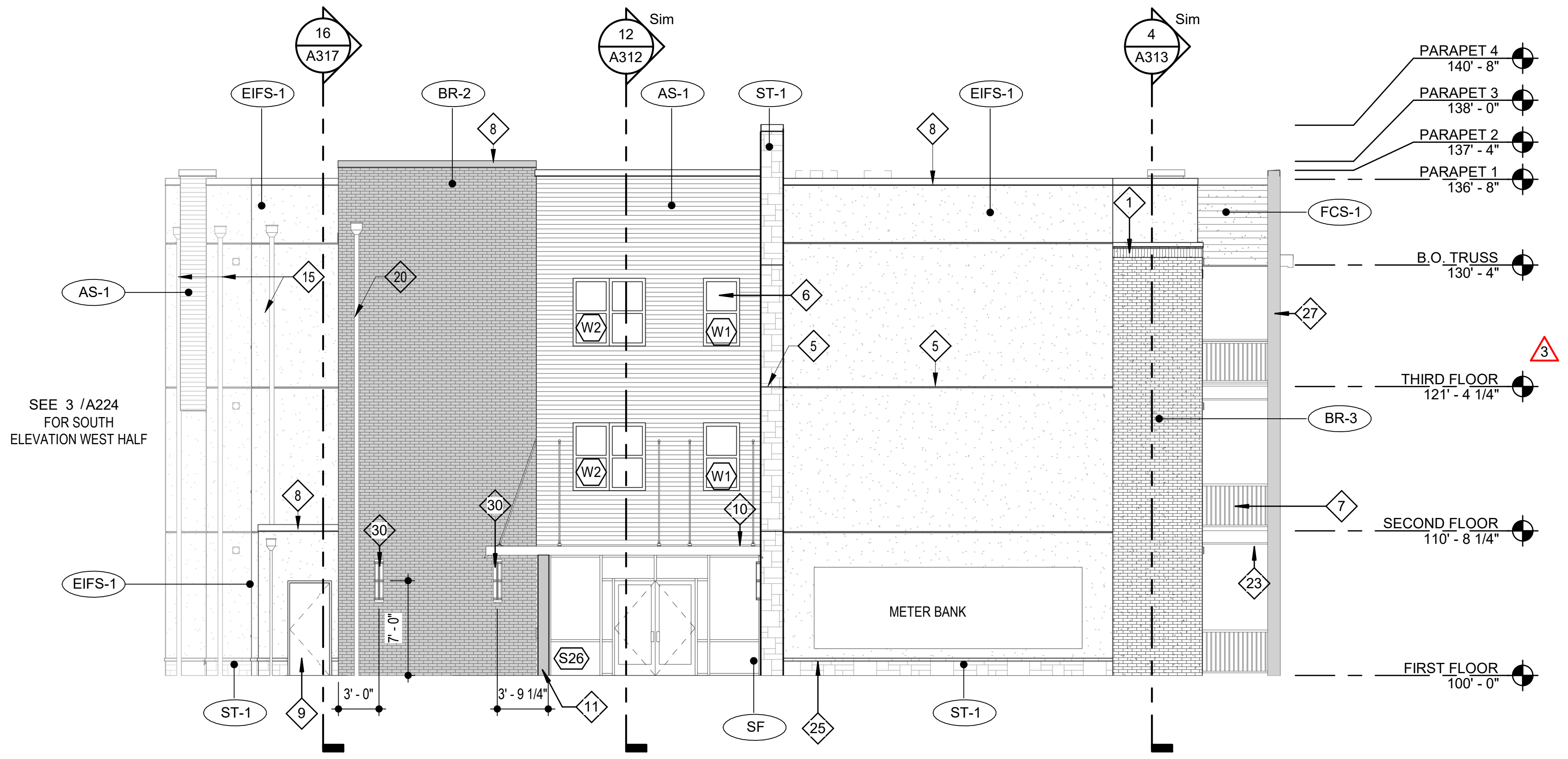
▦	ST-1	STONE VENEER	MFR: ELDORADO STONE, SERIES: LEDGECUT, COLOR: BIRCH
	SF	STOREFRONT	COLOR: BLACK GLASS: 1" CLEAR LOW-E GLASS, RE: SPEC


PARAPET 4
140' - 8"
PARAPET 3
138' - 0"
PARAPET 2
137' - 4"
PARAPET 1
136' - 8"
B.O. TRUSS
130' - 4"
THIRD FLOOR
121' - 4 1/4"
SECOND FLOOR
110' - 8 1/4"
FIRST FLOOR
100' - 0"
SEE 4 /A224 FOR SOUTH ELEVATION EAST HALF
METER BANK
AS-1
EIFS-1
BR-2
BR-1
FCS-1
FCS-2
ST-1
SF
2-H
2-G
2-F
2-E
2-D
2-C
2-B

3 BLDG 2 SOUTH ELEVATION - WEST HALF

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


PARAPET 4
140' - 8"
PARAPET 3
138' - 0"
PARAPET 2
137' - 4"
PARAPET 1
136' - 8"
B.O. TRUSS
130' - 4"
THIRD FLOOR
121' - 4 1/4"
SECOND FLOOR
110' - 8 1/4"
FIRST FLOOR
100' - 0"
SEE 3 /A224 FOR SOUTH ELEVATION WEST HALF
METER BANK
EIFS-1
BR-2
AS-1
ST-1
FCS-1
BR-3
SF
3' - 0"
3' - 9 1/4"
7' - 0"

4 BLDG 2 SOUTH ELEVATION - EAST HALF

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

STATE OF MISSOURI
RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
REGISTERED ARCHITECT
5.12.2022

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	SM ENGINEERING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
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DATE: 7.15.2021

REVISIONS #

3	Revision 1	2.11.2022
5	Revision 3	5.12.2022

DWG BY MKSS

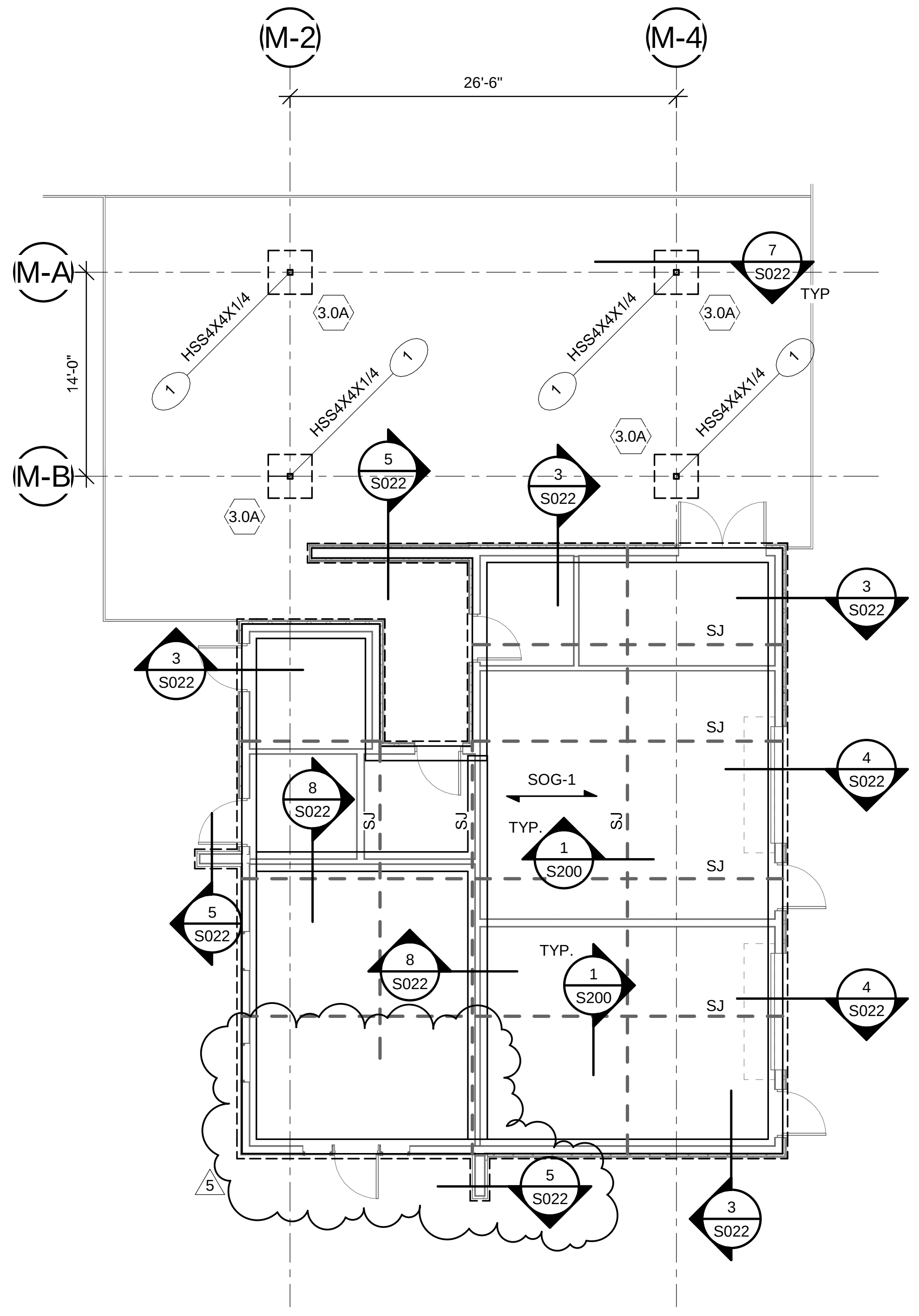
TR,i PROJECT NO. 20-001

SHEET NO.

A224

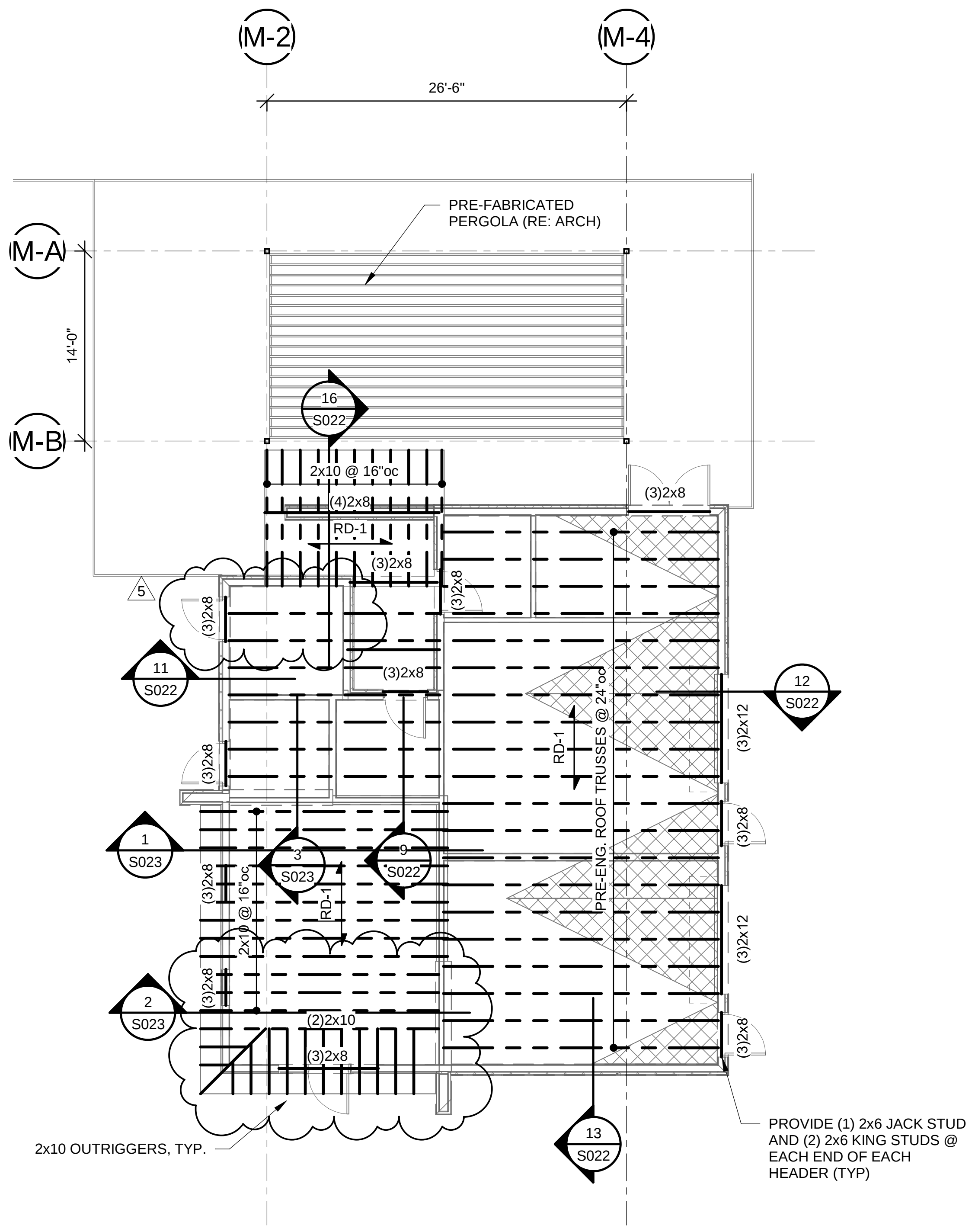
BLDG 2 - ENLARGED SOUTH ELEVATIONS

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
05/23/2022



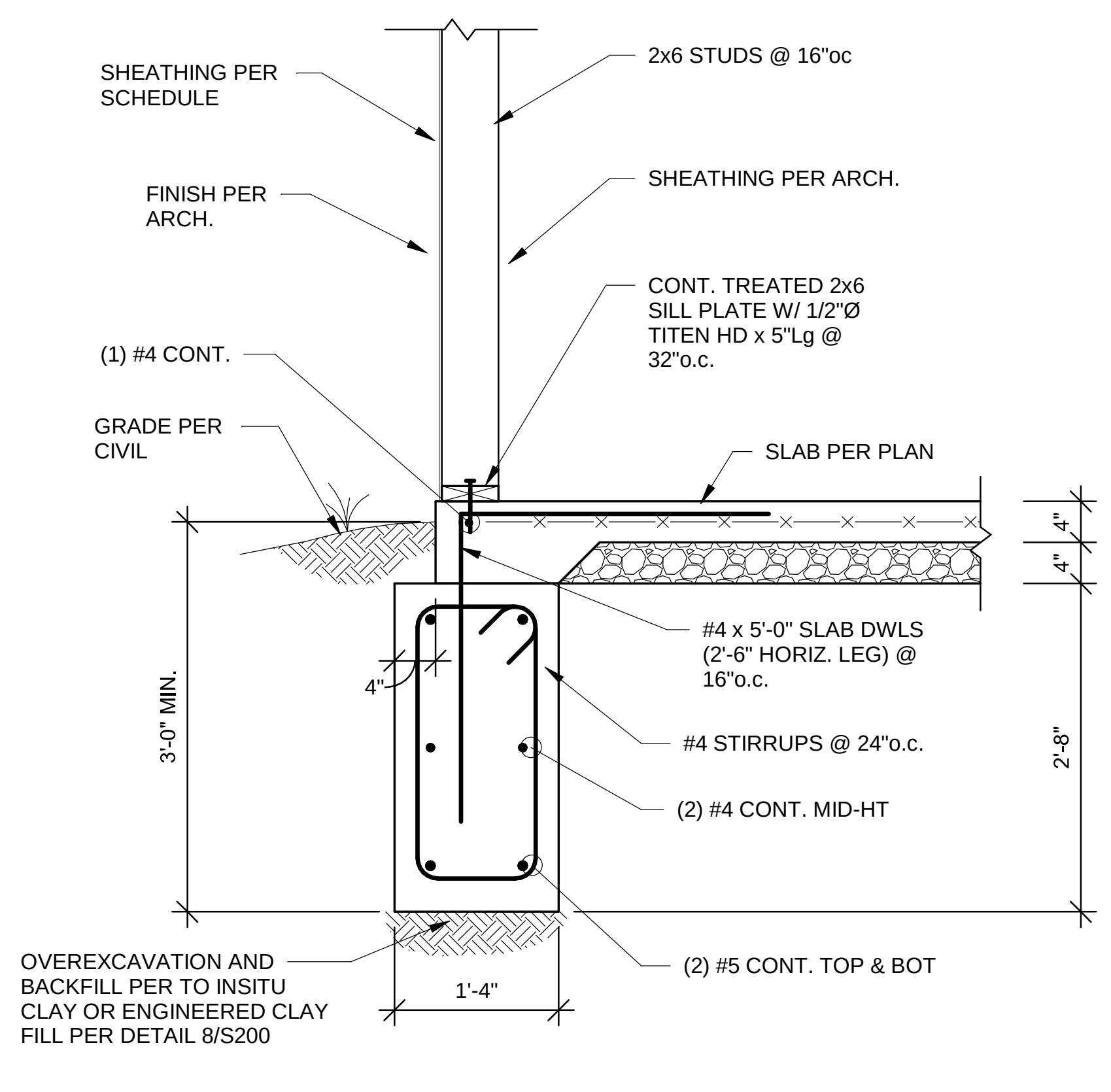
M-2
M-4
26'-6"
M-A
M-B
14'-0"
HSS4X4X1/4
HSS4X4X1/4
HSS4X4X1/4
HSS4X4X1/4
3.0A
3.0A
3.0A
3.0A
1
7 S022
TYP
5 S022
3 S022
3 S022
3 S022
SJ
SJ
SJ
SJ
SJ
SJ
SOG-1
4 S022
8 S022
TYP.
1 S200
5 S022
TYP.
8 S022
1 S200
4 S022
5 S022
3 S022
5

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



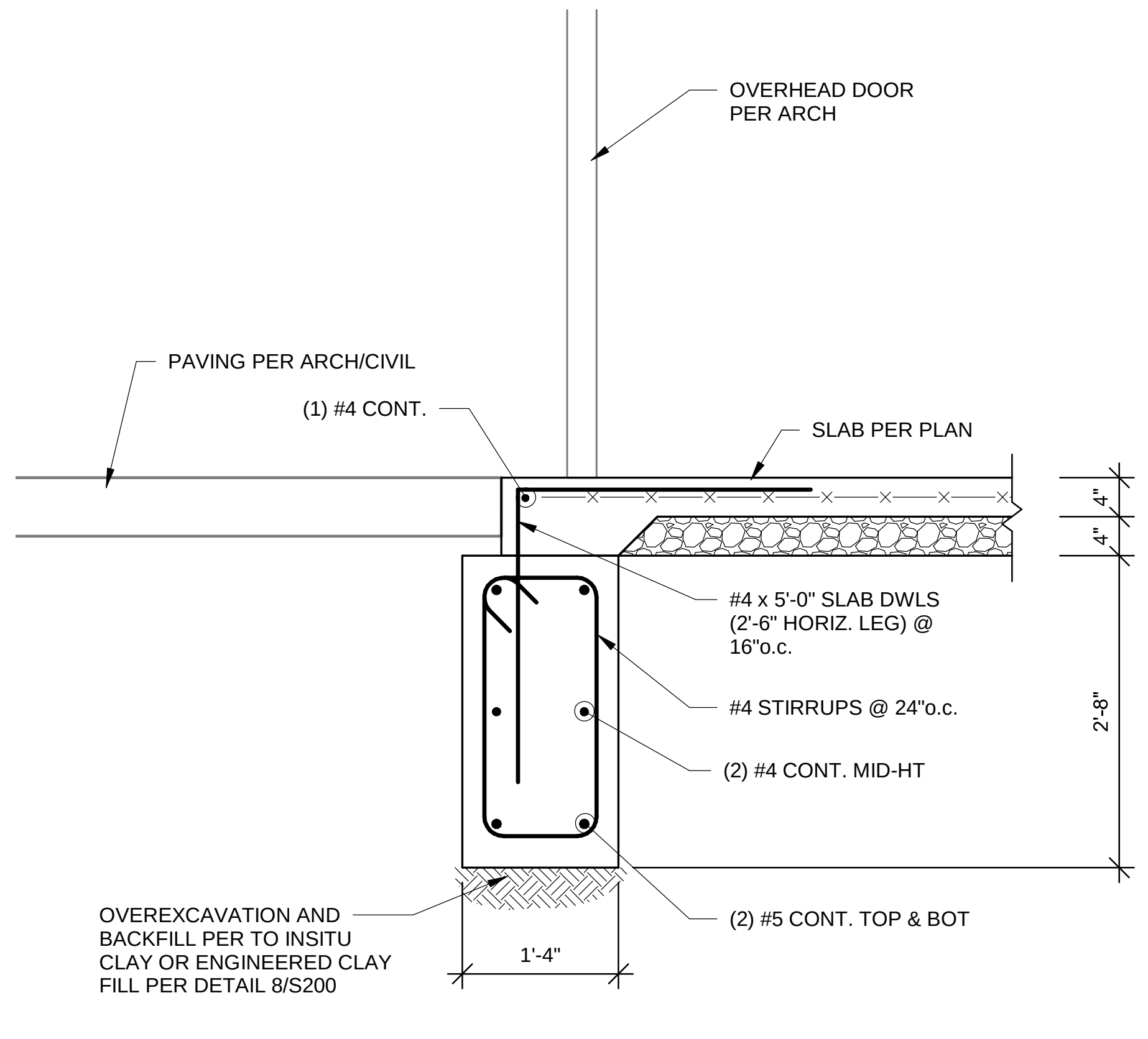
M-2
M-4
26'-6"
M-A
M-B
14'-0"
PRE-FABRICATED PERGOLA (RE: ARCH)
16 S022
2x10 @ 16"oc
(4)2x8
RD-1
(3)2x8
(3)2x8
(3)2x8
11 S022
12 S022
RD-1
PRE-ENG. ROOF TRUSSES @ 24"o.c.
(3)2x12
(3)2x8
(3)2x8
(3)2x12
(3)2x8
1 S023
3 S023
4 S022
2x10 @ 16"oc
RD-1
2 S023
(2)2x10
(3)2x8
13 S022
2x10 OUTRIGGERS, TYP.
PROVIDE (1) 2x6 JACK STUD AND (2) 2x6 KING STUDS @ EACH END OF EACH HEADER (TYP)
5

2 ROOF FRAMING PLAN
1/8" = 1'-0"



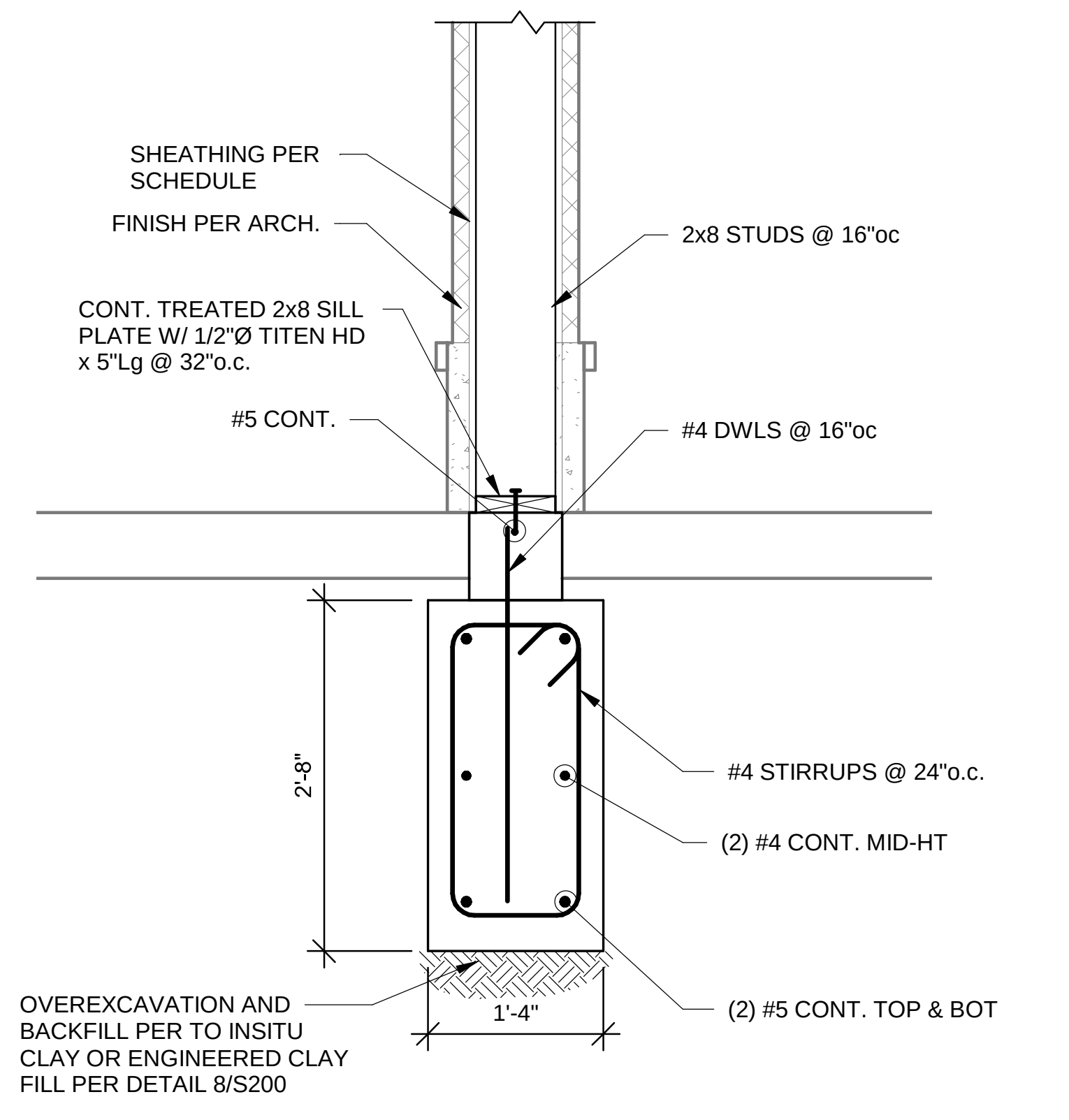
SHEATHING PER SCHEDULE
2x6 STUDS @ 16"oc
FINISH PER ARCH.
SHEATHING PER ARCH.
CONT. TREATED 2x6 SILL PLATE W/ 1/2"Ø TITEN HD x 5"Lg @ 32"o.c.
(1) #4 CONT.
GRADE PER CIVIL
SLAB PER PLAN
4"
4"
#4 x 5'-0" SLAB DWLS (2'-6" HORIZ. LEG) @ 16"o.c.
4"
3'-0" MIN.
2'-8"
#4 STIRRUPS @ 24"o.c.
(2) #4 CONT. MID-HT
OVEREXCAVATION AND BACKFILL PER TO INSITU CLAY OR ENGINEERED CLAY FILL PER DETAIL 8/S200
1'-4"
(2) #5 CONT. TOP & BOT

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



OVERHEAD DOOR PER ARCH
PAVING PER ARCH/CIVIL
(1) #4 CONT.
SLAB PER PLAN
4"
4"
#4 x 5'-0" SLAB DWLS (2'-6" HORIZ. LEG) @ 16"o.c.
#4 STIRRUPS @ 24"o.c.
2'-8"
(2) #4 CONT. MID-HT
OVEREXCAVATION AND BACKFILL PER TO INSITU CLAY OR ENGINEERED CLAY FILL PER DETAIL 8/S200
1'-4"
(2) #5 CONT. TOP & BOT

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

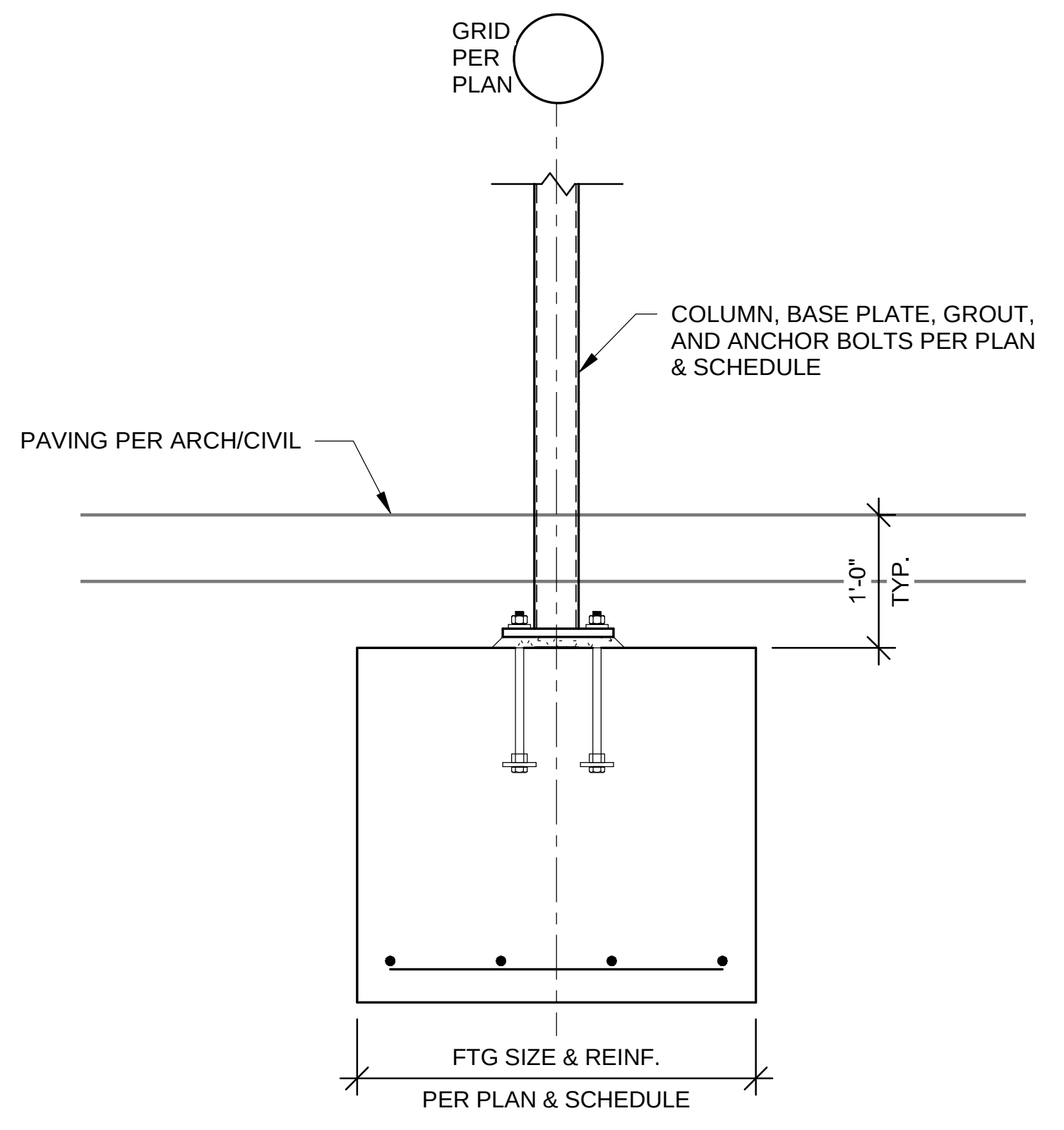


SHEATHING PER SCHEDULE
FINISH PER ARCH.
2x8 STUDS @ 16"oc
CONT. TREATED 2x8 SILL PLATE W/ 1/2"Ø TITEN HD x 5"Lg @ 32"o.c.
#5 CONT.
#4 DWLS @ 16"oc
2'-8"
#4 STIRRUPS @ 24"o.c.
(2) #4 CONT. MID-HT
OVEREXCAVATION AND BACKFILL PER TO INSITU CLAY OR ENGINEERED CLAY FILL PER DETAIL 8/S200
1'-4"
(2) #5 CONT. TOP & BOT

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

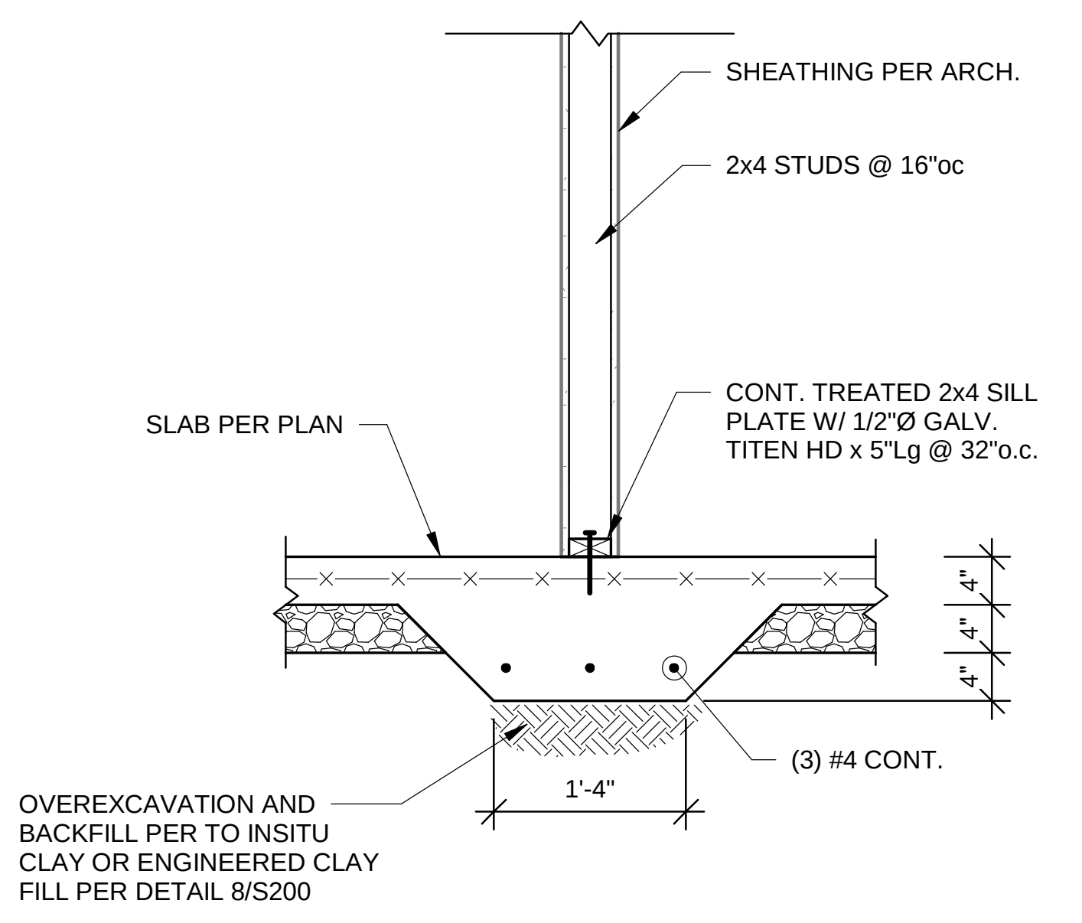
5 NOT USED

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



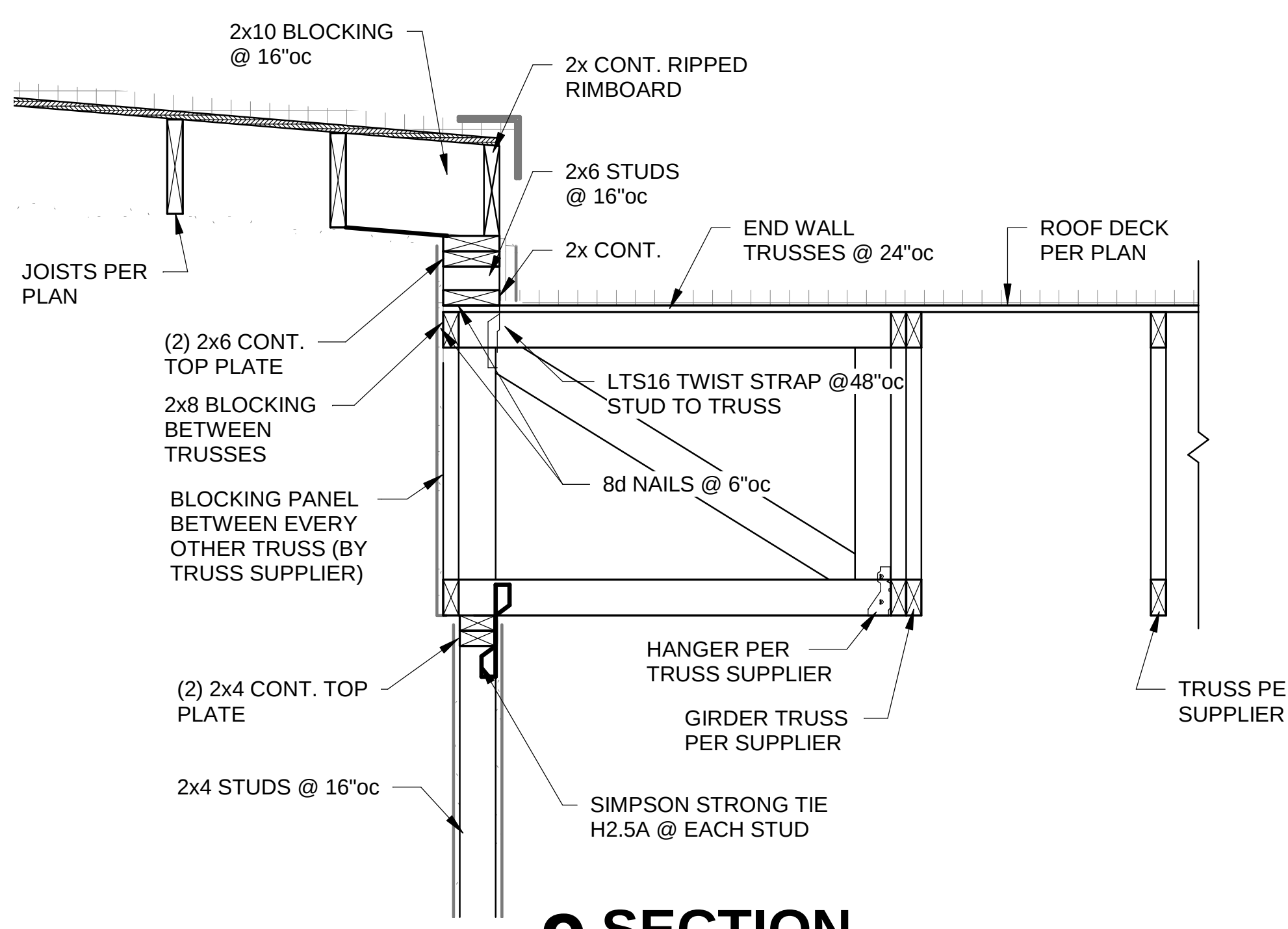
GRID PER PLAN
COLUMN, BASE PLATE, GROUT, AND ANCHOR BOLTS PER PLAN & SCHEDULE
PAVING PER ARCH/CIVIL
1'-0" TYP.
FTG SIZE & REINF. PER PLAN & SCHEDULE

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



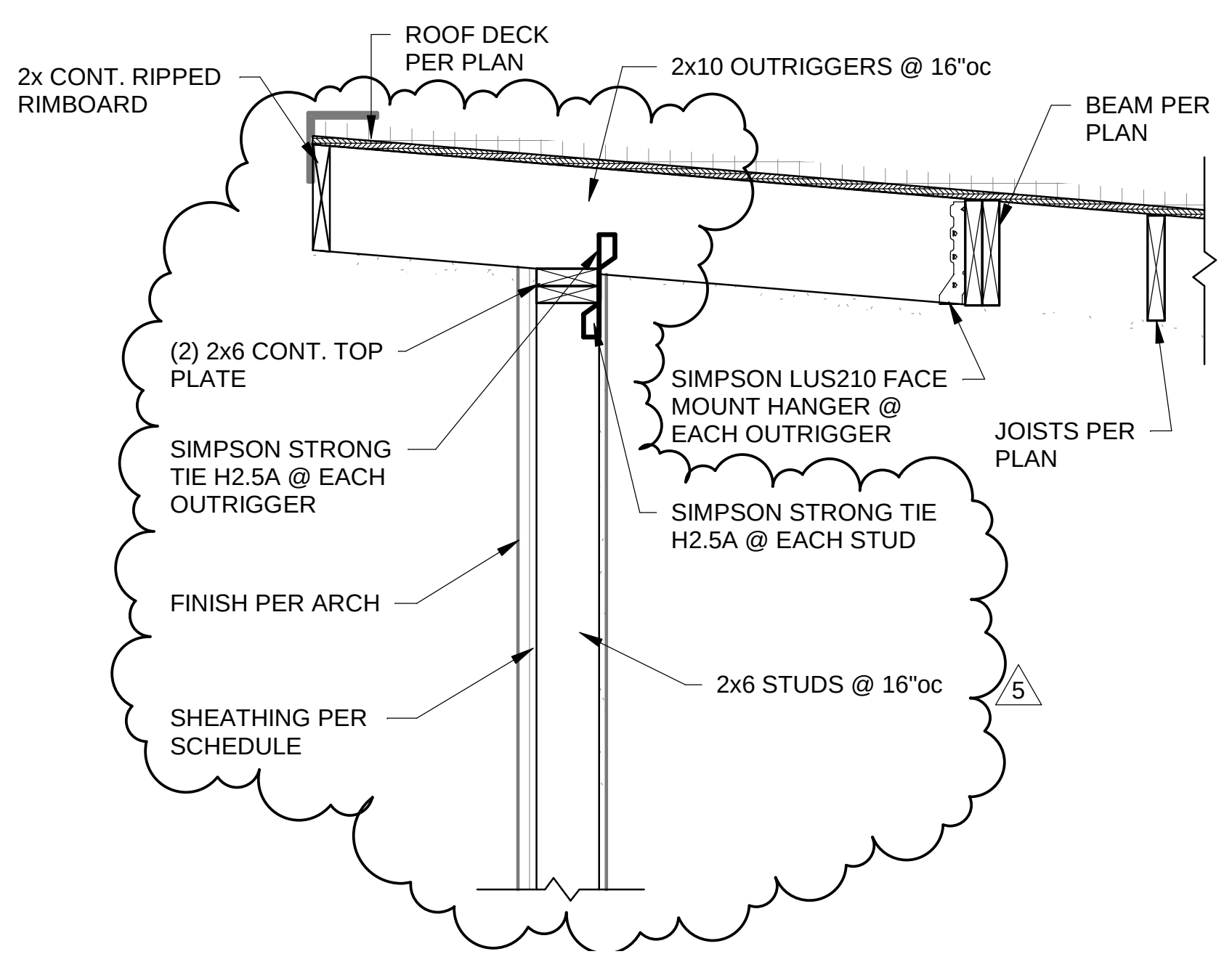
SHEATHING PER ARCH.
2x4 STUDS @ 16"oc
CONT. TREATED 2x4 SILL PLATE W/ 1/2"Ø GALV. TITEN HD x 5"Lg @ 32"o.c.
SLAB PER PLAN
4"
4"
4"
OVEREXCAVATION AND BACKFILL PER TO INSITU CLAY OR ENGINEERED CLAY FILL PER DETAIL 8/S200
1'-4"
(3) #4 CONT.

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



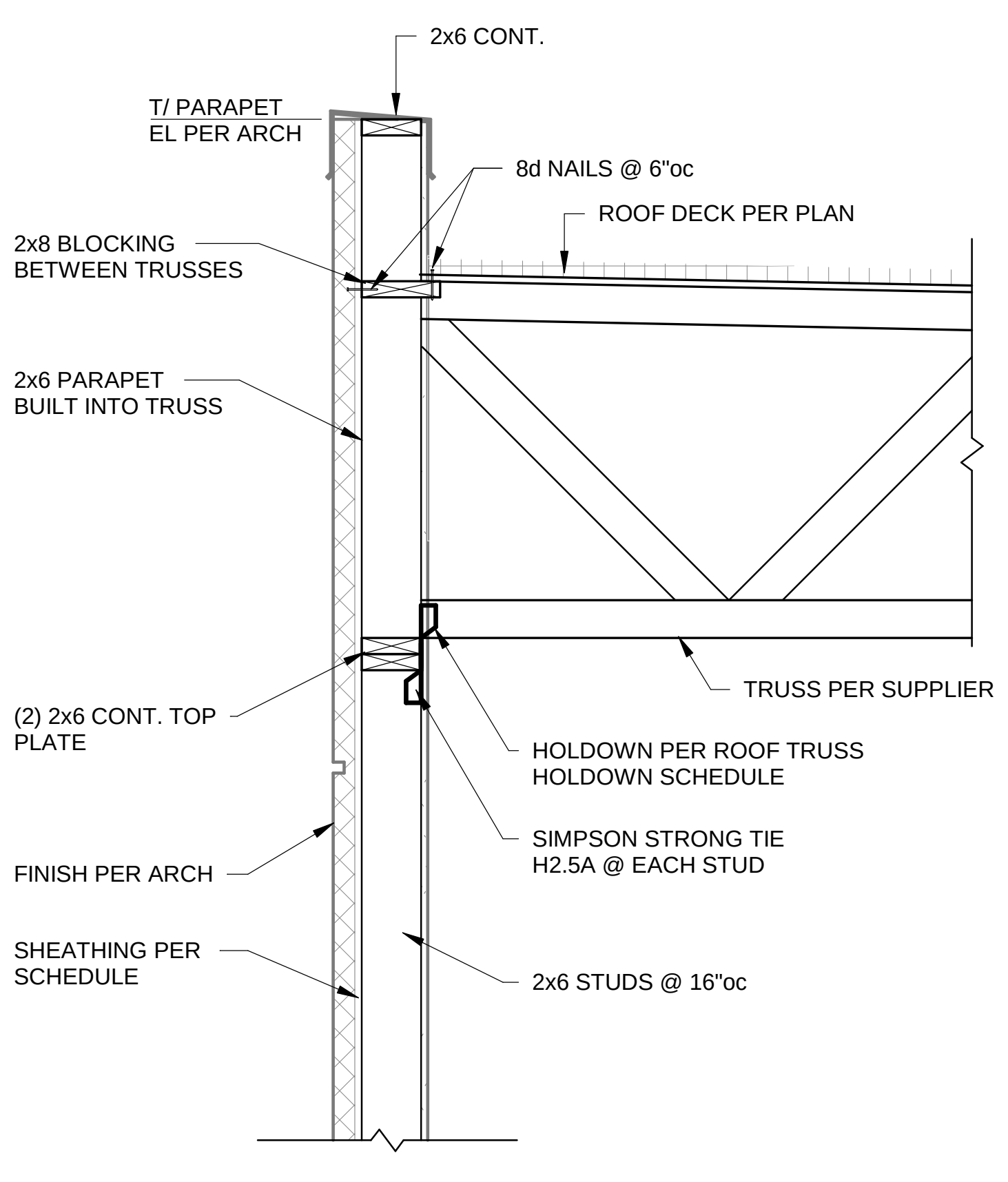
2x10 BLOCKING @ 16"oc
2x CONT. RIPPED RIMBOARD
2x6 STUDS @ 16"oc
2x CONT.
END WALL TRUSSES @ 24"oc
ROOF DECK PER PLAN
JOISTS PER PLAN
(2) 2x6 CONT. TOP PLATE
2x8 BLOCKING BETWEEN TRUSSES
LTS16 TWIST STRAP @48"oc STUD TO TRUSS
8d NAILS @ 6"oc
BLOCKING PANEL BETWEEN EVERY OTHER TRUSS (BY TRUSS SUPPLIER)
HANGER PER TRUSS SUPPLIER
GIRDER TRUSS PER SUPPLIER
TRUSS PER SUPPLIER
(2) 2x4 CONT. TOP PLATE
2x4 STUDS @ 16"oc
SIMPSON STRONG TIE H2.5A @ EACH STUD

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



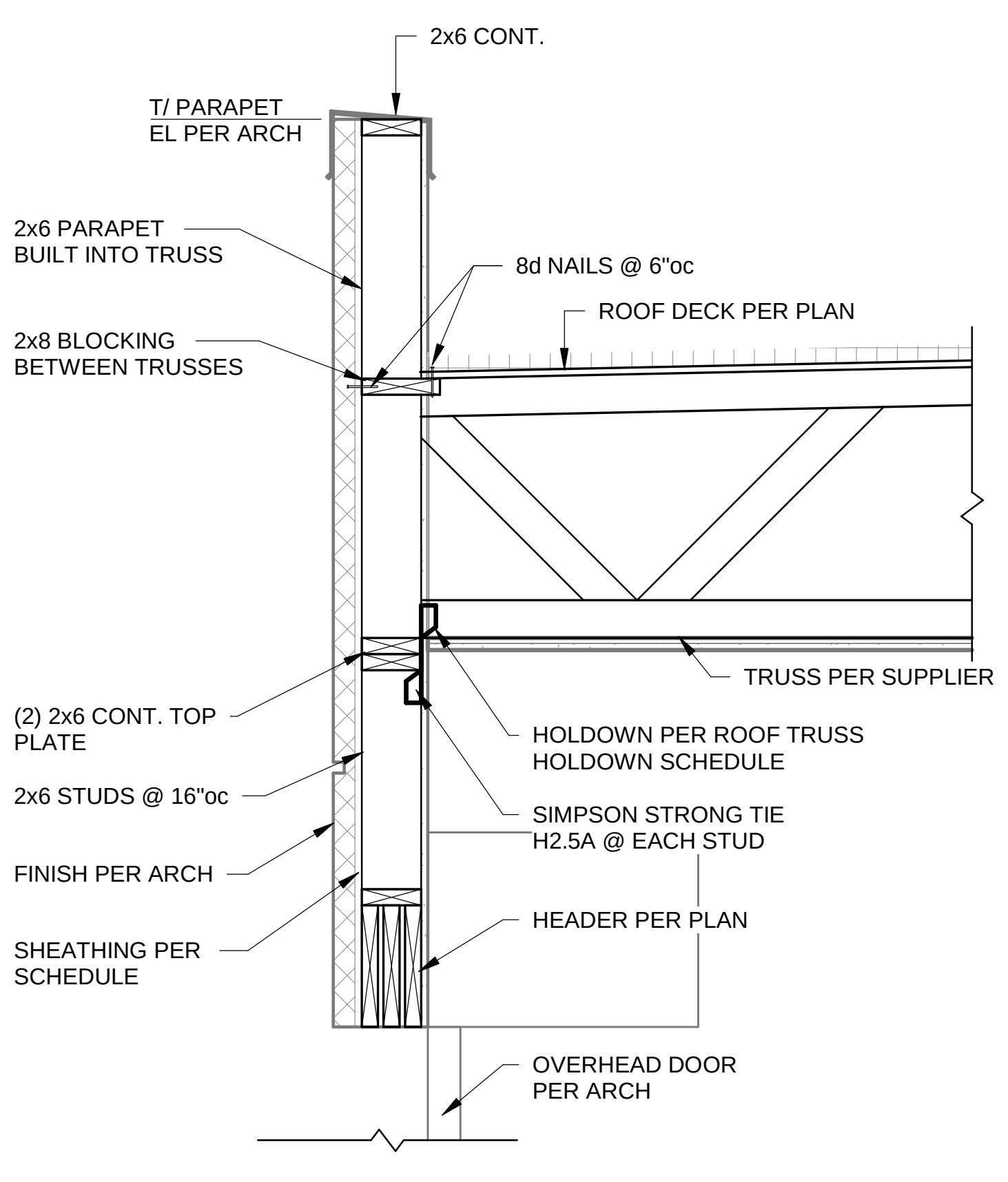
ROOF DECK PER PLAN
2x CONT. RIPPED RIMBOARD
2x10 OUTRIGGERS @ 16"oc
BEAM PER PLAN
(2) 2x6 CONT. TOP PLATE
SIMPSON LUS210 FACE MOUNT HANGER @ EACH OUTRIGGER
SIMPSON STRONG TIE H2.5A @ EACH OUTRIGGER
JOISTS PER PLAN
SIMPSON STRONG TIE H2.5A @ EACH STUD
FINISH PER ARCH
2x6 STUDS @ 16"oc
SHEATHING PER SCHEDULE
5

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



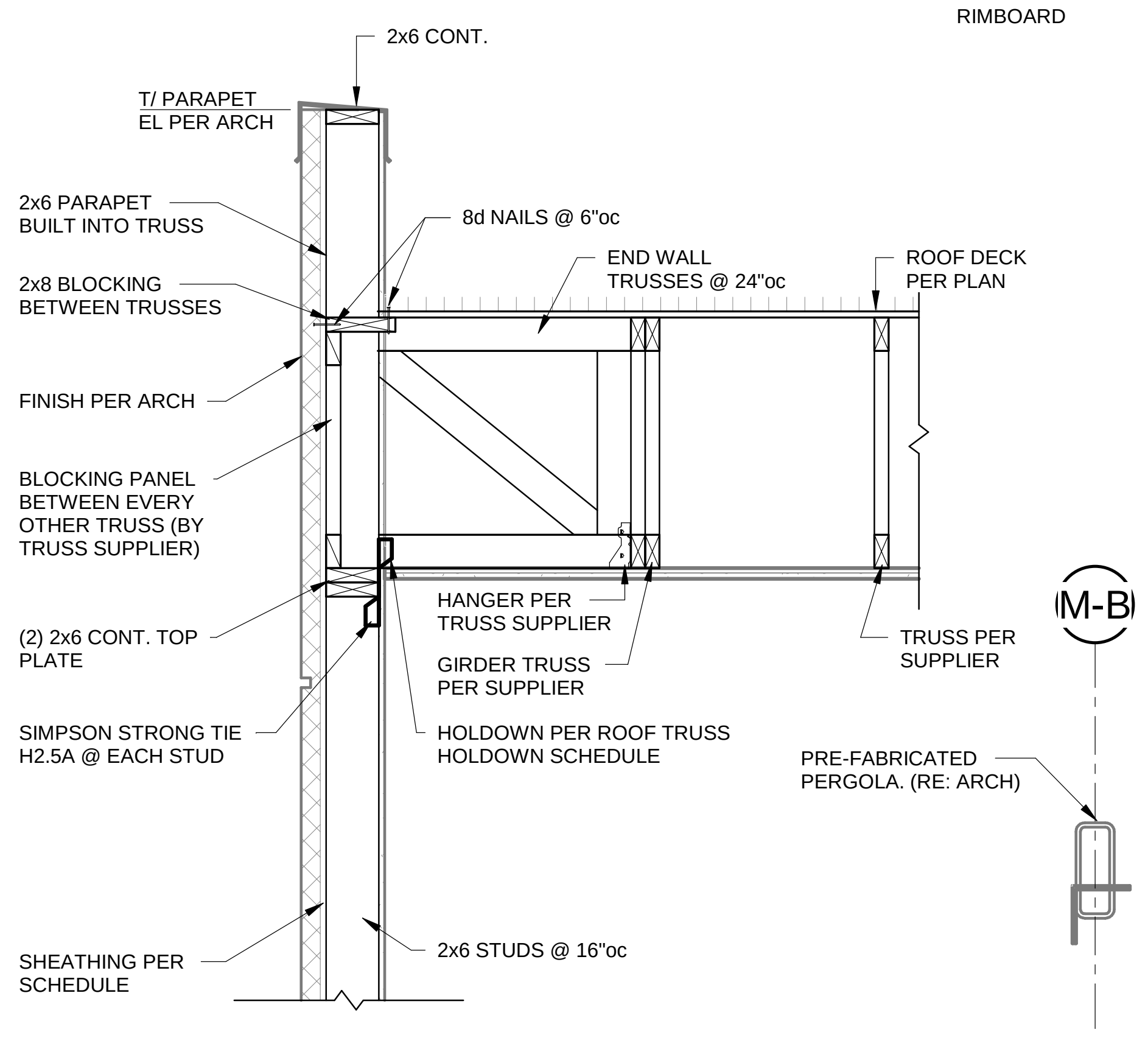
2x6 CONT.
T/ PARAPET EL PER ARCH
8d NAILS @ 6"oc
2x8 BLOCKING BETWEEN TRUSSES
ROOF DECK PER PLAN
2x6 PARAPET BUILT INTO TRUSS
TRUSS PER SUPPLIER
(2) 2x6 CONT. TOP PLATE
HOLDOWN PER ROOF TRUSS HOLDOWN SCHEDULE
SIMPSON STRONG TIE H2.5A @ EACH STUD
FINISH PER ARCH
SHEATHING PER SCHEDULE
2x6 STUDS @ 16"oc

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



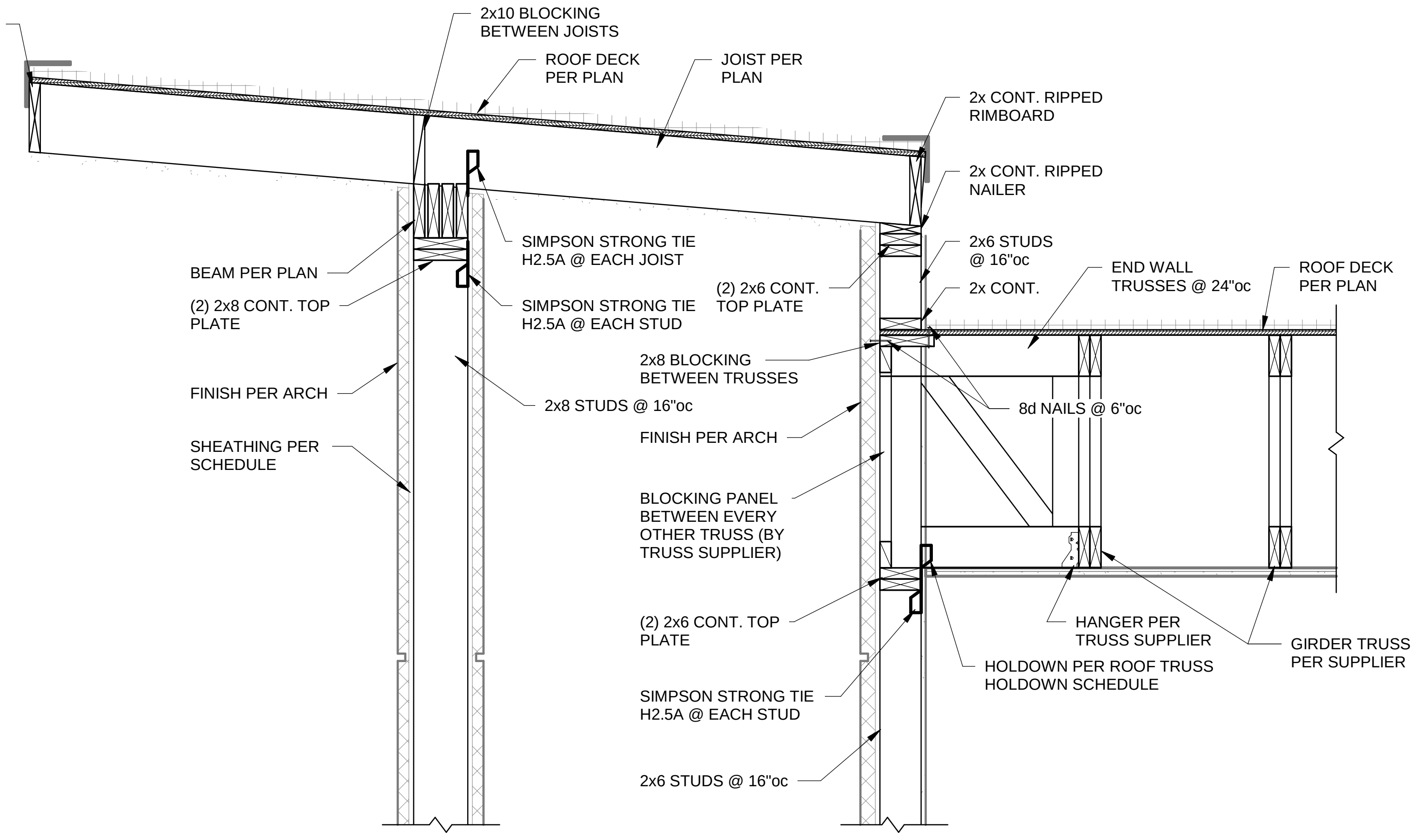
2x6 CONT.
T/ PARAPET EL PER ARCH
2x6 PARAPET BUILT INTO TRUSS
8d NAILS @ 6"oc
2x8 BLOCKING BETWEEN TRUSSES
ROOF DECK PER PLAN
TRUSS PER SUPPLIER
(2) 2x6 CONT. TOP PLATE
HOLDOWN PER ROOF TRUSS HOLDOWN SCHEDULE
2x6 STUDS @ 16"oc
SIMPSON STRONG TIE H2.5A @ EACH STUD
FINISH PER ARCH
HEADER PER PLAN
SHEATHING PER SCHEDULE
OVERHEAD DOOR PER ARCH

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



2x6 CONT.
T/ PARAPET EL PER ARCH
2x6 PARAPET BUILT INTO TRUSS
8d NAILS @ 6"oc
2x8 BLOCKING BETWEEN TRUSSES
END WALL TRUSSES @ 24"oc
ROOF DECK PER PLAN
FINISH PER ARCH
BLOCKING PANEL BETWEEN EVERY OTHER TRUSS (BY TRUSS SUPPLIER)
HANGER PER TRUSS SUPPLIER
TRUSS PER SUPPLIER
M-B
(2) 2x6 CONT. TOP PLATE
GIRDER TRUSS PER SUPPLIER
SIMPSON STRONG TIE H2.5A @ EACH STUD
HOLDOWN PER ROOF TRUSS HOLDOWN SCHEDULE
PRE-FABRICATED PERGOLA. (RE: ARCH)
SHEATHING PER SCHEDULE
2x6 STUDS @ 16"oc

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



2x CONT. RIPPED RIMBOARD
2x10 BLOCKING BETWEEN JOISTS
ROOF DECK PER PLAN
JOIST PER PLAN
2x CONT. RIPPED RIMBOARD
2x CONT. RIPPED NAILER
SIMPSON STRONG TIE H2.5A @ EACH JOIST
2x6 STUDS @ 16"oc
BEAM PER PLAN
(2) 2x8 CONT. TOP PLATE
SIMPSON STRONG TIE H2.5A @ EACH STUD
(2) 2x6 CONT. TOP PLATE
2x CONT.
END WALL TRUSSES @ 24"oc
ROOF DECK PER PLAN
2x8 BLOCKING BETWEEN TRUSSES
FINISH PER ARCH
2x8 STUDS @ 16"oc
8d NAILS @ 6"oc
SHEATHING PER SCHEDULE
FINISH PER ARCH
BLOCKING PANEL BETWEEN EVERY OTHER TRUSS (BY TRUSS SUPPLIER)
(2) 2x6 CONT. TOP PLATE
HANGER PER TRUSS SUPPLIER
GIRDER TRUSS PER SUPPLIER
HOLDOWN PER ROOF TRUSS HOLDOWN SCHEDULE
SIMPSON STRONG TIE H2.5A @ EACH STUD
2x6 STUDS @ 16"oc

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

CLARK ANDREW BASINGER
NUMBER PE-2010026832
05/12/22

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	SM ENGINEERING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

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DATE: 7.15.2021

REVISIONS #

1	PERMIT COMMENTS	8.17.2021
5	Revision 3	5.12.2022

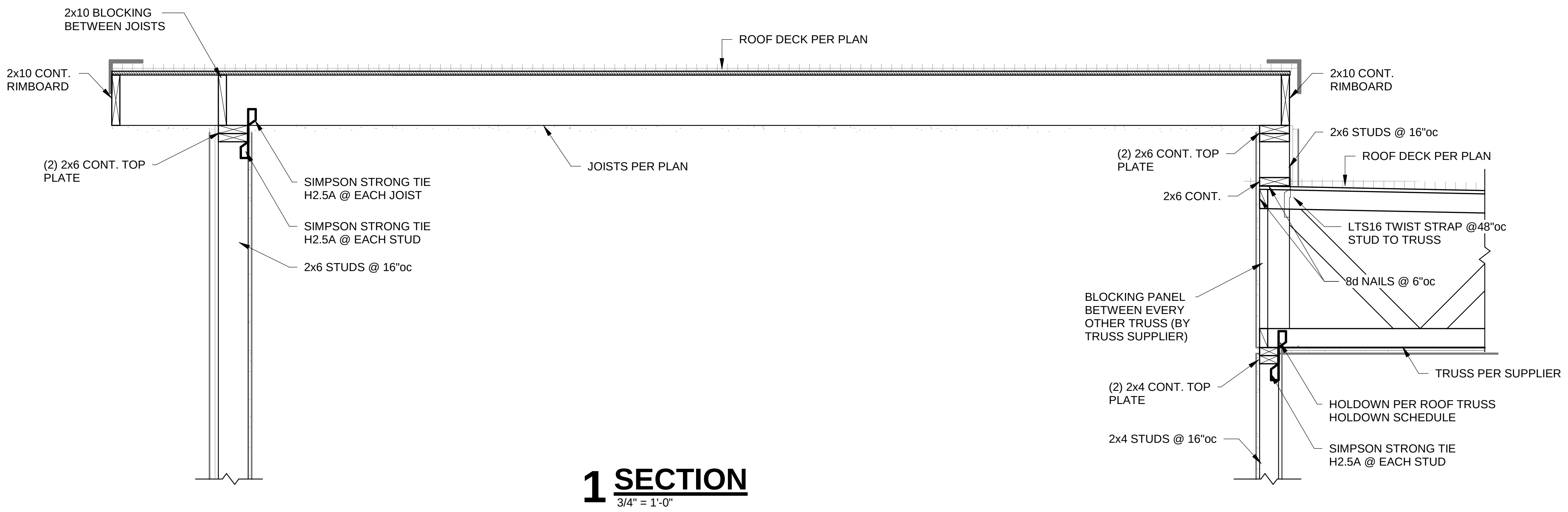
DWG BY CB

TR,i PROJECT NO. 20-001

SHEET NO.

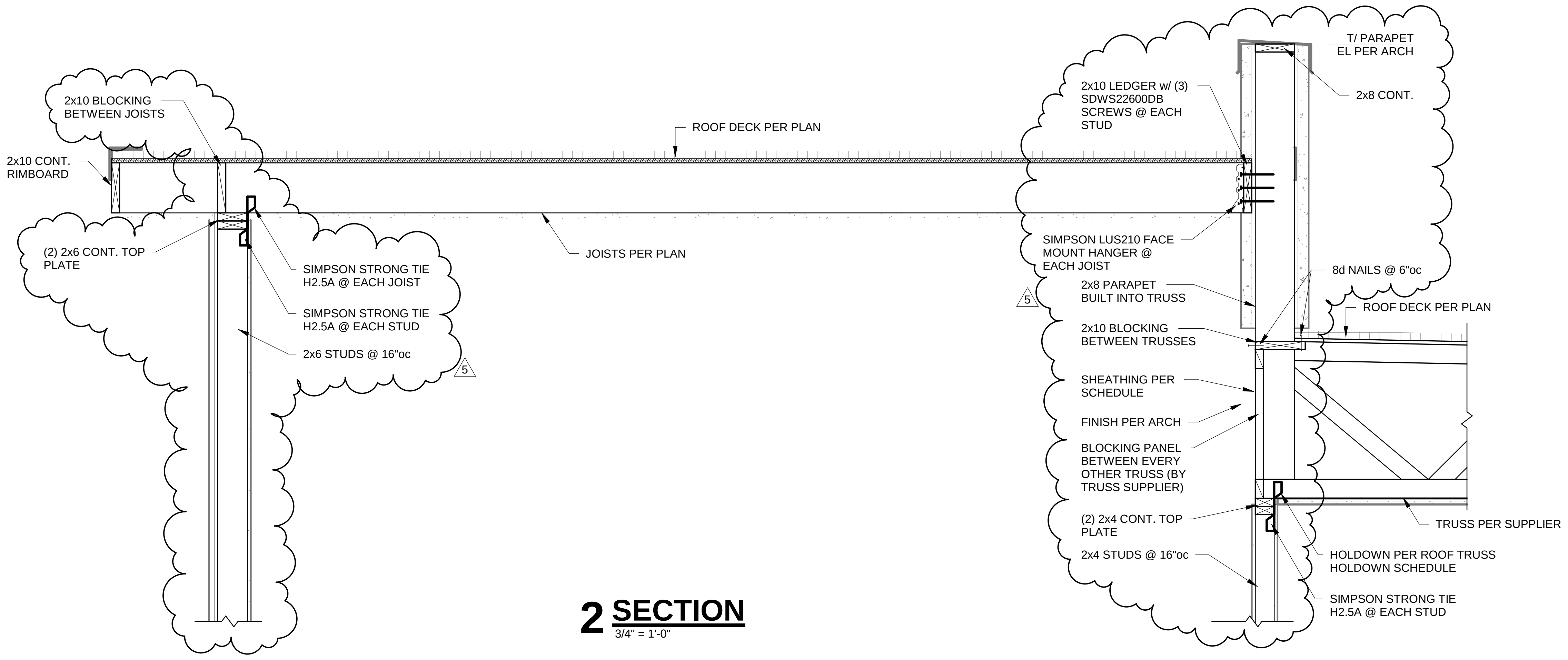
S022

1 **MAINTENANCE SHED/POOL HOUSE**


2x10 BLOCKING
BETWEEN JOISTS
ROOF DECK PER PLAN
2x10 CONT.
RIMBOARD
2x10 CONT.
RIMBOARD
(2) 2x6 CONT. TOP
PLATE
JOISTS PER PLAN
SIMPSON STRONG TIE
H2.5A @ EACH JOIST
SIMPSON STRONG TIE
H2.5A @ EACH STUD
2x6 STUDS @ 16"oc
2x6 STUDS @ 16"oc
(2) 2x6 CONT. TOP
PLATE
ROOF DECK PER PLAN
2x6 CONT.
LTS16 TWIST STRAP @48"oc
STUD TO TRUSS
8d NAILS @ 6"oc
BLOCKING PANEL
BETWEEN EVERY
OTHER TRUSS (BY
TRUSS SUPPLIER)
TRUSS PER SUPPLIER
(2) 2x4 CONT. TOP
PLATE
HOLDOWN PER ROOF TRUSS
HOLDOWN SCHEDULE
2x4 STUDS @ 16"oc
SIMPSON STRONG TIE
H2.5A @ EACH STUD

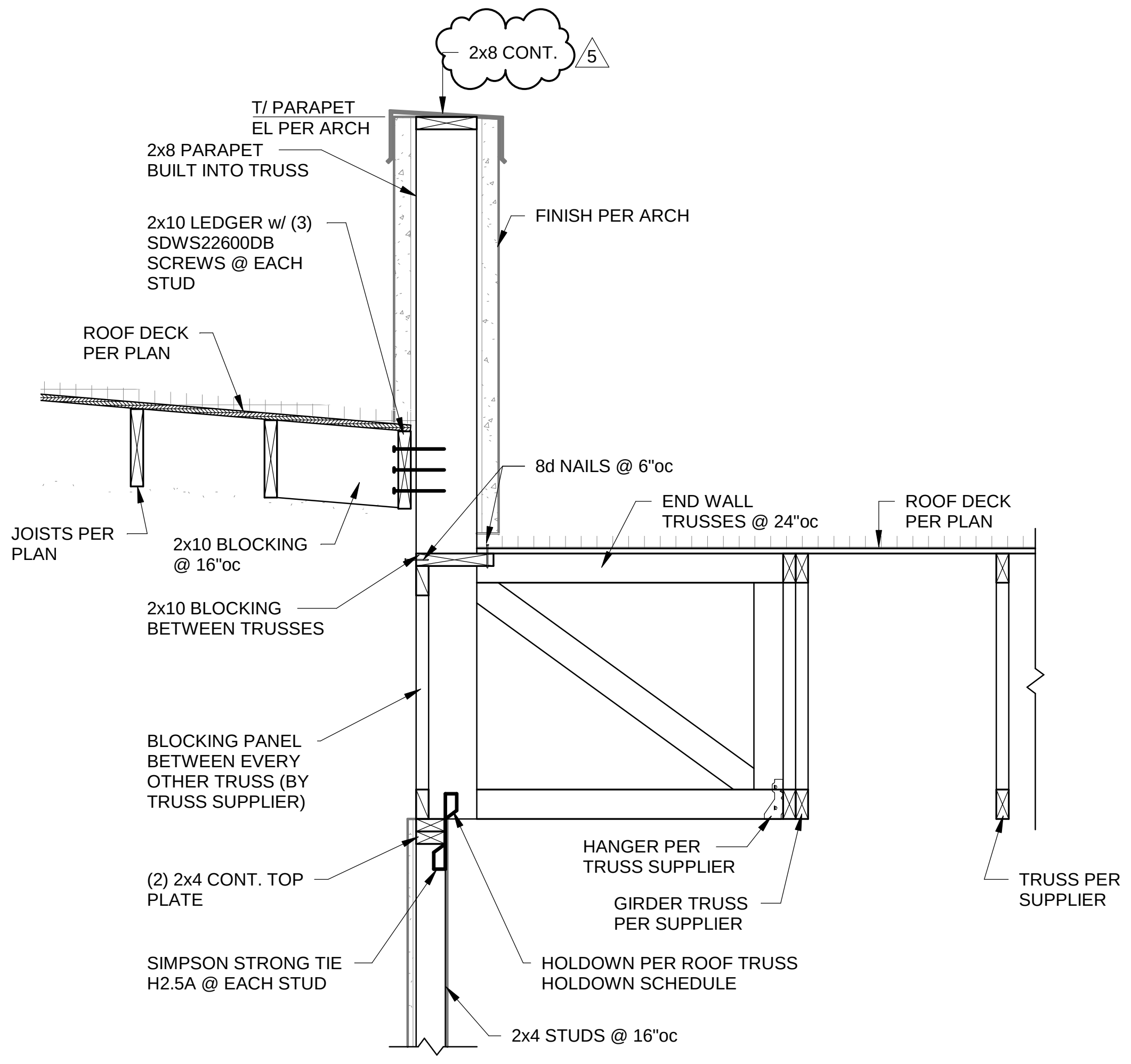
1 SECTION

3/4" = 1'-0"


2x10 BLOCKING
BETWEEN JOISTS
ROOF DECK PER PLAN
2x10 CONT.
RIMBOARD
(2) 2x6 CONT. TOP
PLATE
SIMPSON STRONG TIE
H2.5A @ EACH JOIST
JOISTS PER PLAN
SIMPSON STRONG TIE
H2.5A @ EACH STUD
2x6 STUDS @ 16"oc
5
T/ PARAPET
EL PER ARCH
2x10 LEDGER w/ (3)
SDWS22600DB
SCREWS @ EACH
STUD
2x8 CONT.
SIMPSON LUS210 FACE
MOUNT HANGER @
EACH JOIST
8d NAILS @ 6"oc
5
2x8 PARAPET
BUILT INTO TRUSS
ROOF DECK PER PLAN
2x10 BLOCKING
BETWEEN TRUSSES
SHEATHING PER
SCHEDULE
FINISH PER ARCH
BLOCKING PANEL
BETWEEN EVERY
OTHER TRUSS (BY
TRUSS SUPPLIER)
TRUSS PER SUPPLIER
(2) 2x4 CONT. TOP
PLATE
HOLDOWN PER ROOF TRUSS
HOLDOWN SCHEDULE
2x4 STUDS @ 16"oc
SIMPSON STRONG TIE
H2.5A @ EACH STUD

2 SECTION

3/4" = 1'-0"


2x8 CONT.
5
T/ PARAPET
EL PER ARCH
2x8 PARAPET
BUILT INTO TRUSS
FINISH PER ARCH
2x10 LEDGER w/ (3)
SDWS22600DB
SCREWS @ EACH
STUD
ROOF DECK
PER PLAN
8d NAILS @ 6"oc
END WALL
TRUSSES @ 24"oc
ROOF DECK
PER PLAN
JOISTS PER
PLAN
2x10 BLOCKING
@ 16"oc
2x10 BLOCKING
BETWEEN TRUSSES
BLOCKING PANEL
BETWEEN EVERY
OTHER TRUSS (BY
TRUSS SUPPLIER)
HANGER PER
TRUSS SUPPLIER
(2) 2x4 CONT. TOP
PLATE
GIRDER TRUSS
PER SUPPLIER
TRUSS PER
SUPPLIER
SIMPSON STRONG TIE
H2.5A @ EACH STUD
HOLDOWN PER ROOF TRUSS
HOLDOWN SCHEDULE
2x4 STUDS @ 16"oc

3 SECTION

3/4" = 1'-0"

RELEASED FOR
CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
05/23/2022

CLARK ANDREW
BASINGER
NUMBER
PE-2010026832
05/12/22

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
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MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

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DATE: 7.15.2021

REVISIONS #

1	PERMIT COMMENTS	8.17.2021
5	Revision 3	5.12.2022

DWG BY CB

TR,i PROJECT NO. 20-001

SHEET NO.

S023

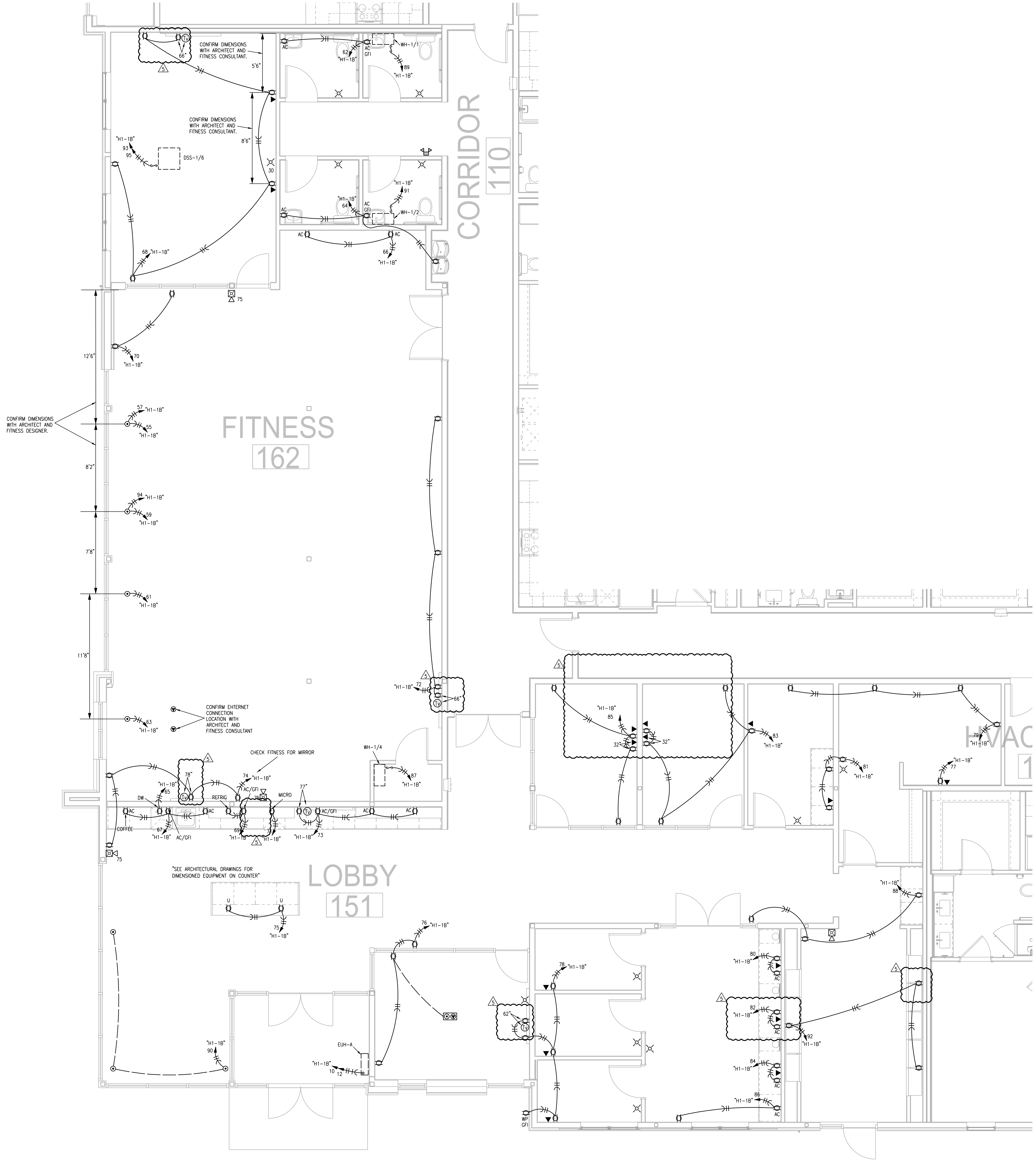
1 **MAINTENANCE SHED/POOL HOUSE**

NOTES:

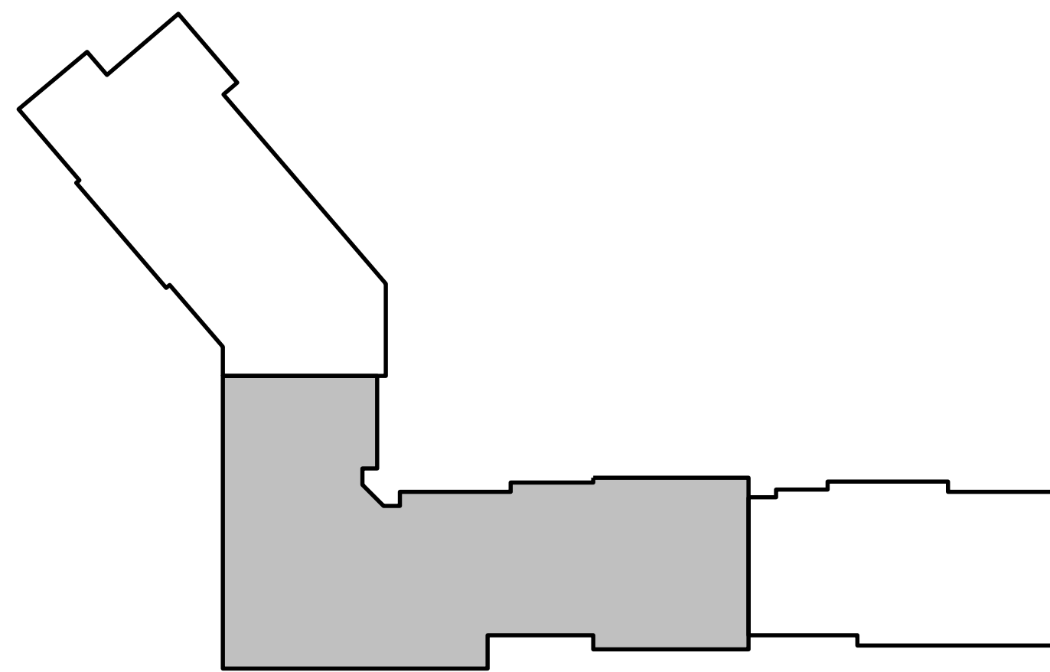
1. ALL STAIR LIGHTS ARE TYPE "A2" UNLESS NOTED OTHERWISE.
2. ALL ⊗ ARE TYPE "X1" UNLESS NOTED OTHERWISE.
3. ALL ⊗ ARE TYPE "X2" UNLESS NOTED OTHERWISE.
4. ALL ⊔ ARE TYPE "X5" UNLESS NOTED OTHERWISE.
5. CONNECT FIRE/SMOKE DAMPERS SHOWN ON MECHANICAL PLANS TO 120V. AND FIRE ALARM RELAY TO SHUT UPON SMOKE DETECTION IN CORRIDORS.
6. SEE UNIT PLANS FOR FURTHER WORK.
7. LIGHTS AT APT. ENTRY DOORS CONNECT TO APT. HOT CIRCUIT.
8. ALL AHU'S HAVE AUTO DAMPER/THERMOSTAT SYSTEM TO WIRE. SEE HVAC PLANS.
9. EXIT SIGNS SHALL BE READILY VISIBLE TO OCCUPANTS.
10. SEE ARCH. REFLECTED CEILING PLANS FOR DIMENSIONS.
11. "DP-1" DENOTES DISTRIBUTION PANEL.

LEGEND:

⟨1⟩ ROUTE CIRCUIT THRU PHOTOCELL.


CONFIRM DIMENSIONS WITH ARCHITECT AND FITNESS CONSULTANT.
66"
5
5'6"
8'6"
CONFIRM DIMENSIONS WITH ARCHITECT AND FITNESS CONSULTANT.
"H1-1B"
93
95
DSS-1/6
30
AC
AC GFI
62
"H1-1B"
WH-1/1
89
"H1-1B"
91
64
WH-1/2
AC
66
"H1-1B"
68 "H1-1B"
75
CORRIDOR
110
12'6"
70
"H1-1B"
CONFIRM DIMENSIONS WITH ARCHITECT AND FITNESS DESIGNER.
57 "H1-1B"
55 "H1-1B"
8'2"
FITNESS
162
94 "H1-1B"
59 "H1-1B"
7'8"
61 "H1-1B"
11'8"
63 "H1-1B"
"H1-1B" 72
66"
CONFIRM EHTERNET CONNECTION LOCATION WITH ARCHITECT AND FITNESS CONSULTANT
CHECK FITNESS FOR MIRROR
WH-1/4
87 "H1-1B"
78"
"H1-1B" 65
74 "H1-1B"
AC/GFI
DW
REFRIG
MICRO
77"
AC
AC/GFI
COFFEE
67 "H1-1B"
69 "H1-1B"
71 "H1-1B"
73 "H1-1B"
75
"SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONED EQUIPMENT ON COUNTER"
LOBBY
151
U
75 "H1-1B"
76 "H1-1B"
"H1-1B" 90
EUH-A
"H1-1B" 10 12
"H1-1B" 85
32"
83 "H1-1B"
81 "H1-1B"
HVAC
79 "H1-1B"
77 "H1-1B"
"H1-1B" 88
78 "H1-1B"
62"
WP GFI
80 "H1-1B"
82 "H1-1B"
92 "H1-1B"
84 "H1-1B"
86 "H1-1B"

① **BLDG 1-B, PARTIAL FIRST FLOOR PLAN**
1/4"=1'-0"
POWER
NORTH



KEY PLAN
NO SCALE
NORTH

LS&A
Latimer Sommers & Associates, P.A.
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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. 2104008

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
05/23/2022

STATE OF MISSOURI
RICHARD R. BEARDMORE
PROFESSIONAL ENGINEER
5-12-22

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

TR,i ARCHITECTS
STRUCTURAL
CIVIL
GENERAL CONTRACTOR
ENGINEER
PLUMBING
ELECTRICAL

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DATE: 7.15.2021

REVISIONS #

5	REVISION 3	05-12-22

DWG BY CAD/RRB

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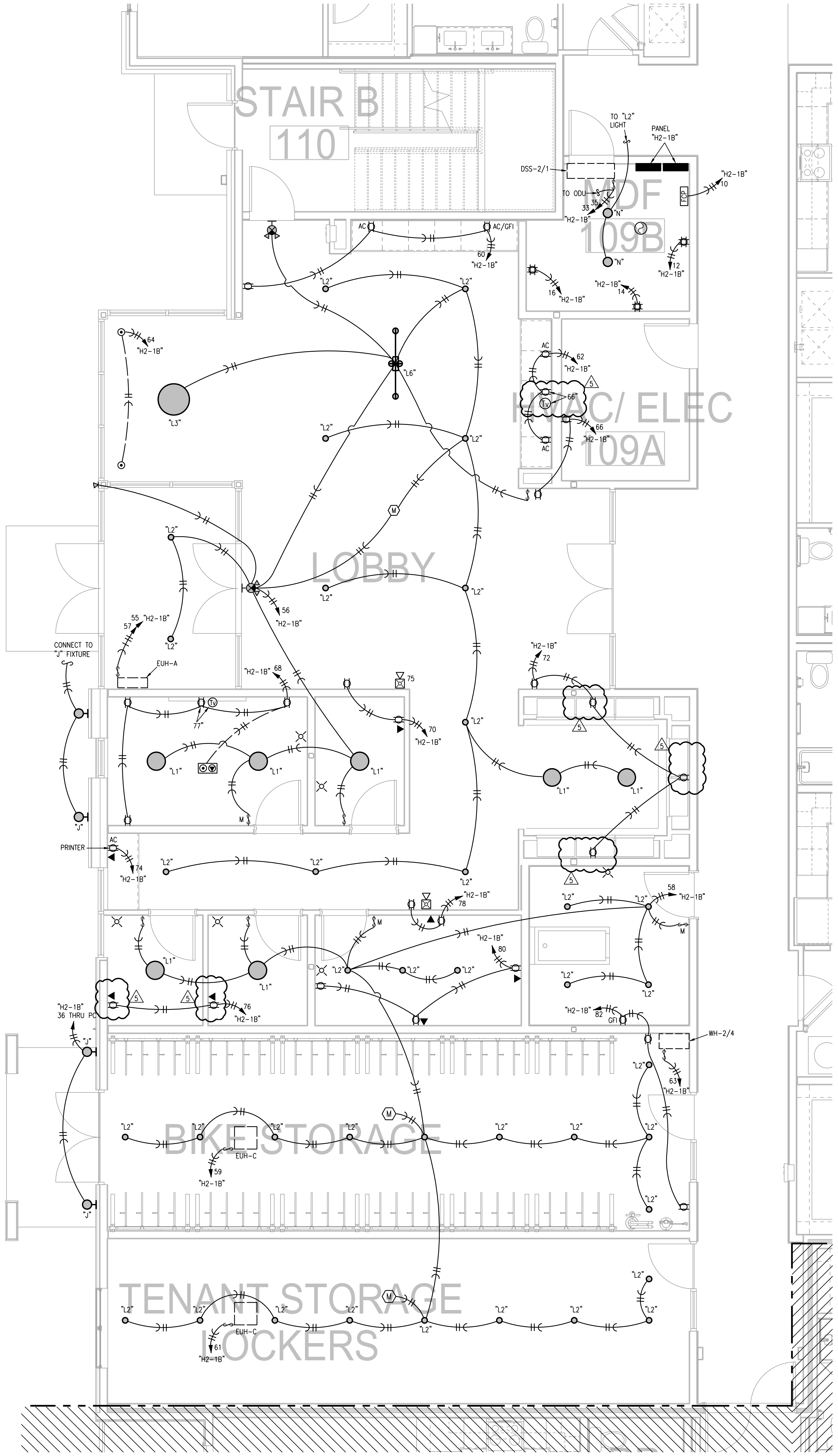
SHEET NO.

E102b

BLDG 1-B, PARTIAL FIRST FLOOR PLAN - ELECTRICAL

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
05/23/2022


STAIR B
110
MDF
109B
HVAC/ ELEC
109A
LOBBY
BIKE STORAGE
TENANT STORAGE
LOCKERS
TO "L2" LIGHT
PANEL "H2-1B"
DSS-2/1
TO ODU
FCP
"N"
AC
AC/GFI
"L2"
"L3"
"L6"
"L1"
"J"
"H2-1B"
CONNECT TO "J" FIXTURE
EUH-A
EUH-C
PRINTER
GFI
WH-2/4
"H2-1B" 36 THRU PC
M
Tv
5

1 BLDG 2-B, PARTIAL FIRST FLOOR PLAN

1/4"=1'-0"

ELECTRICAL

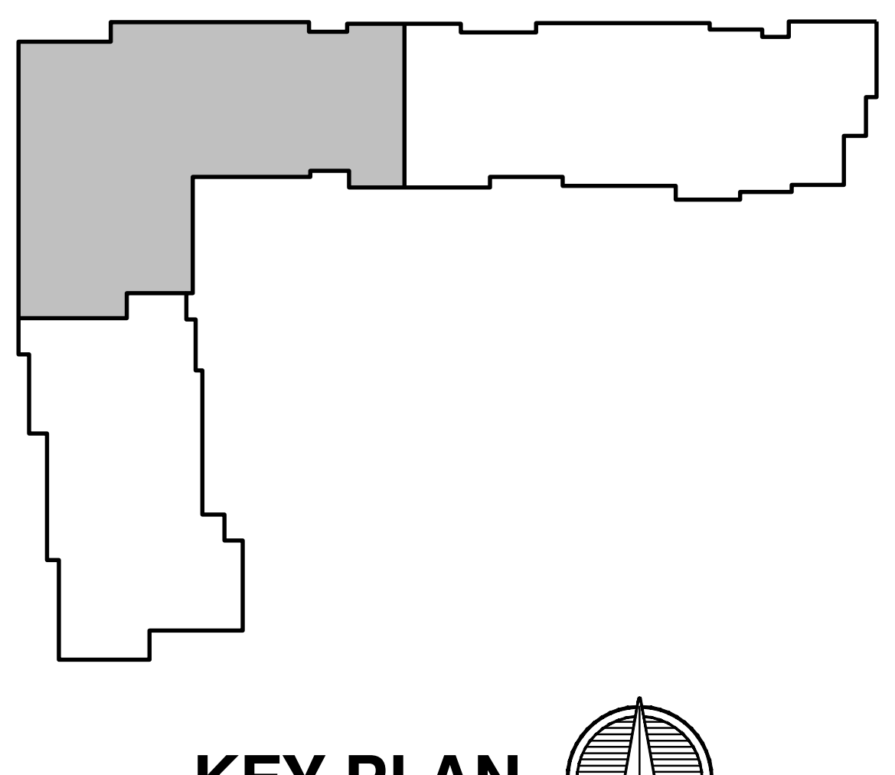
NORTH

NOTES:

1. ALL ○ ARE TYPE "A2" UNLESS NOTED OTHERWISE.
2. ALL STAIR LIGHTS ARE TYPE "A" 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. ALL ▭ STAIR LIGHTS ARE TYPE "P" U.N.O.
7. CONNECT FIRE/SMOKE DAMPERS SHOWN ON MECHANICAL PLANS TO 120V. AND FIRE ALARM RELAY TO SHUT UPON SMOKE DETECTION IN CORRIDORS.
8. SEE UNIT PLANS FOR FURTHER WORK.
9. LIGHTS AT APT. ENTRY DOORS CONNECT TO APT. HOT CIRCUIT.
10. ALL AHU'S HAVE AUTO DAMPER/THERMOSTAT SYSTEM TO WIRE. SEE HVAC PLANS.
11. EXIT SIGNS SHALL BE READILY VISIBLE TO OCCUPANTS.
12. EXTERIOR LIGHTING TO BE ROUTED THRU PHOTOCELL.
13. "DP-1" DENOTES DISTRIBUTION PANEL.

LEGEND:

⟨1⟩ TO LIGHTING CONTROL PANEL.



KEY PLAN

NO SCALE

NORTH

RICHARD R. BEARDMORE
5-12-22

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DATE: 7.15.2021

REVISIONS #

1	PERMIT REVIEW COMMENTS	08-17-21
	RFI	02-02-22
3	REVISION 1	02-11-22
5	REVISION 3	05-12-22

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LSA PROJECT NO. 2104008

DWG BY CAD/RRB

TR,i PROJECT NO. 20-001

SHEET NO.

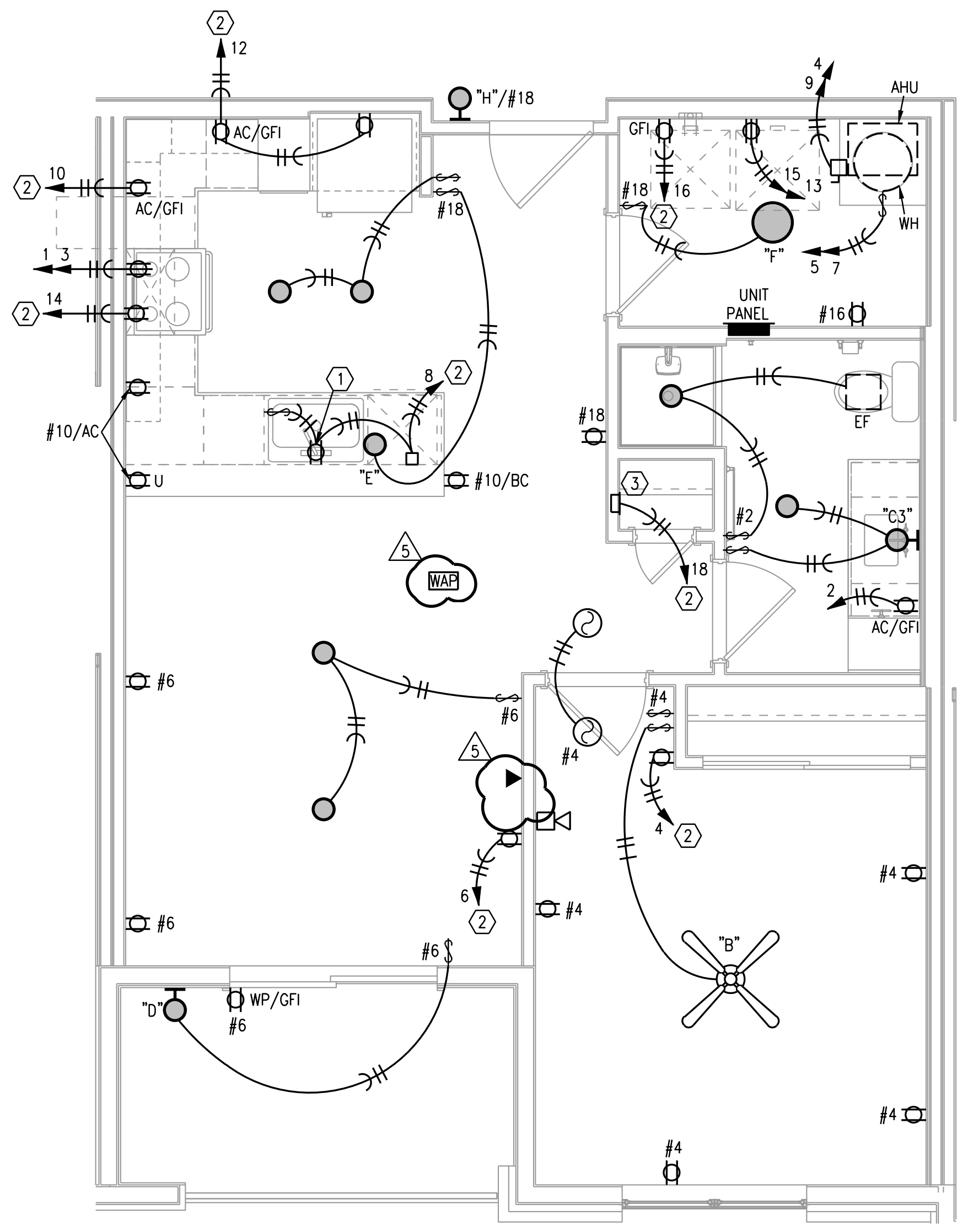
E114a

BLDG 2-B, PARTIAL FIRST FLOOR PLAN - ELECTRICAL

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
05/23/2022

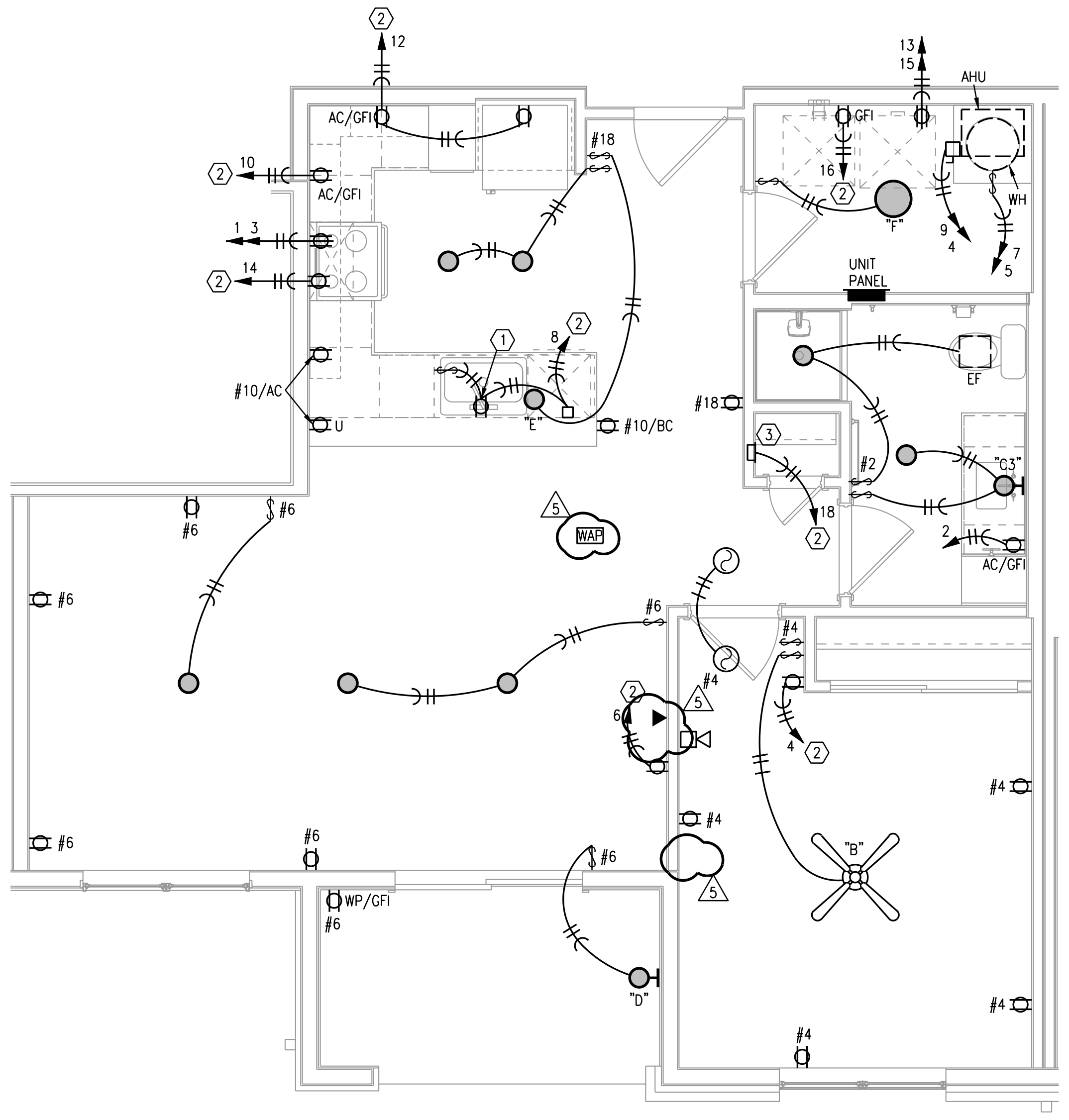
NOTES:

SEE INTERIORS CEILING PLANS FOR LIGHTING PLACEMENT.



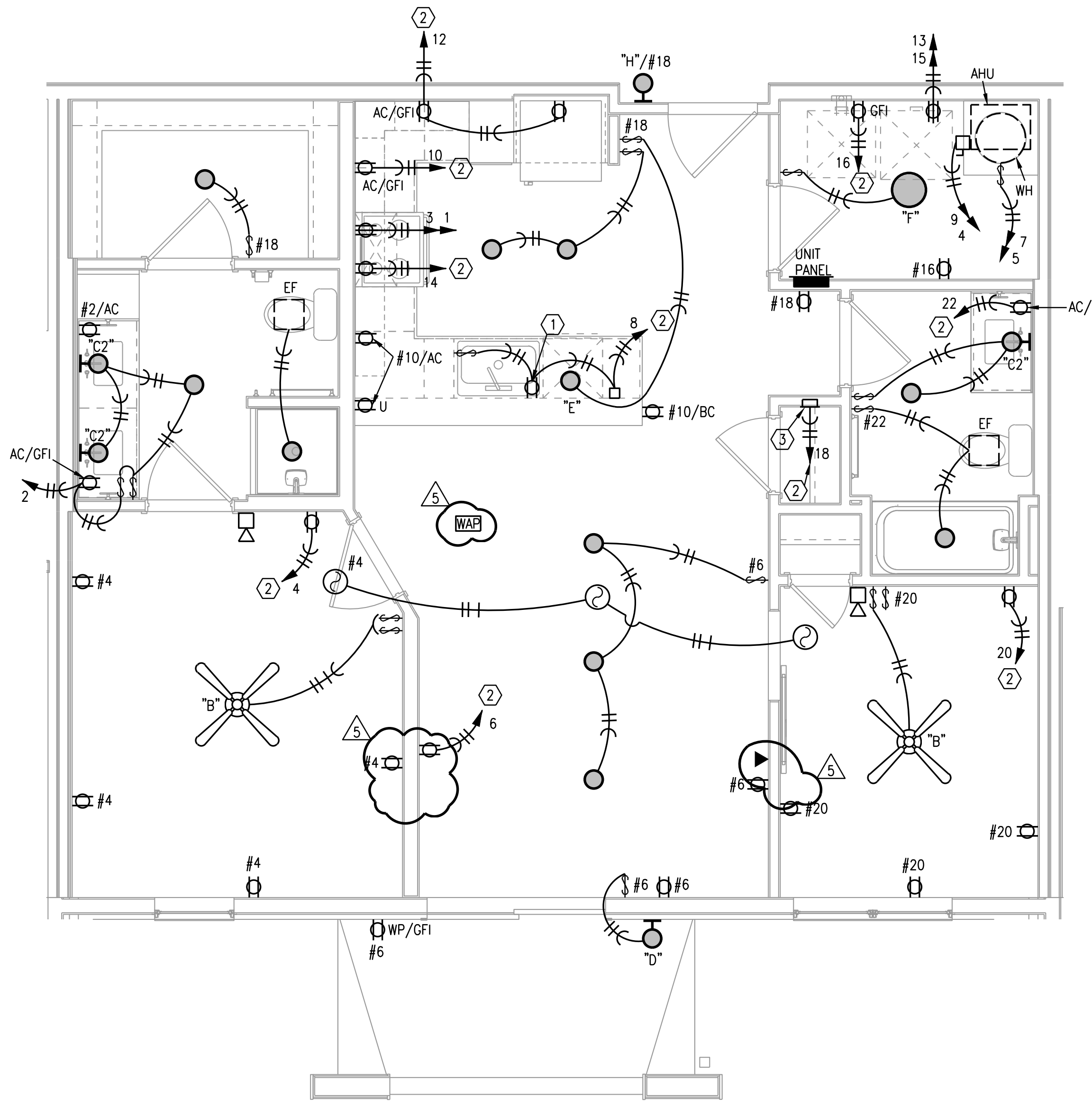
1 TYPICAL UNIT PLAN - A1

1/4"=1'-0" (UNITS A1-1, A1-2 SIMILAR) ELECTRICAL



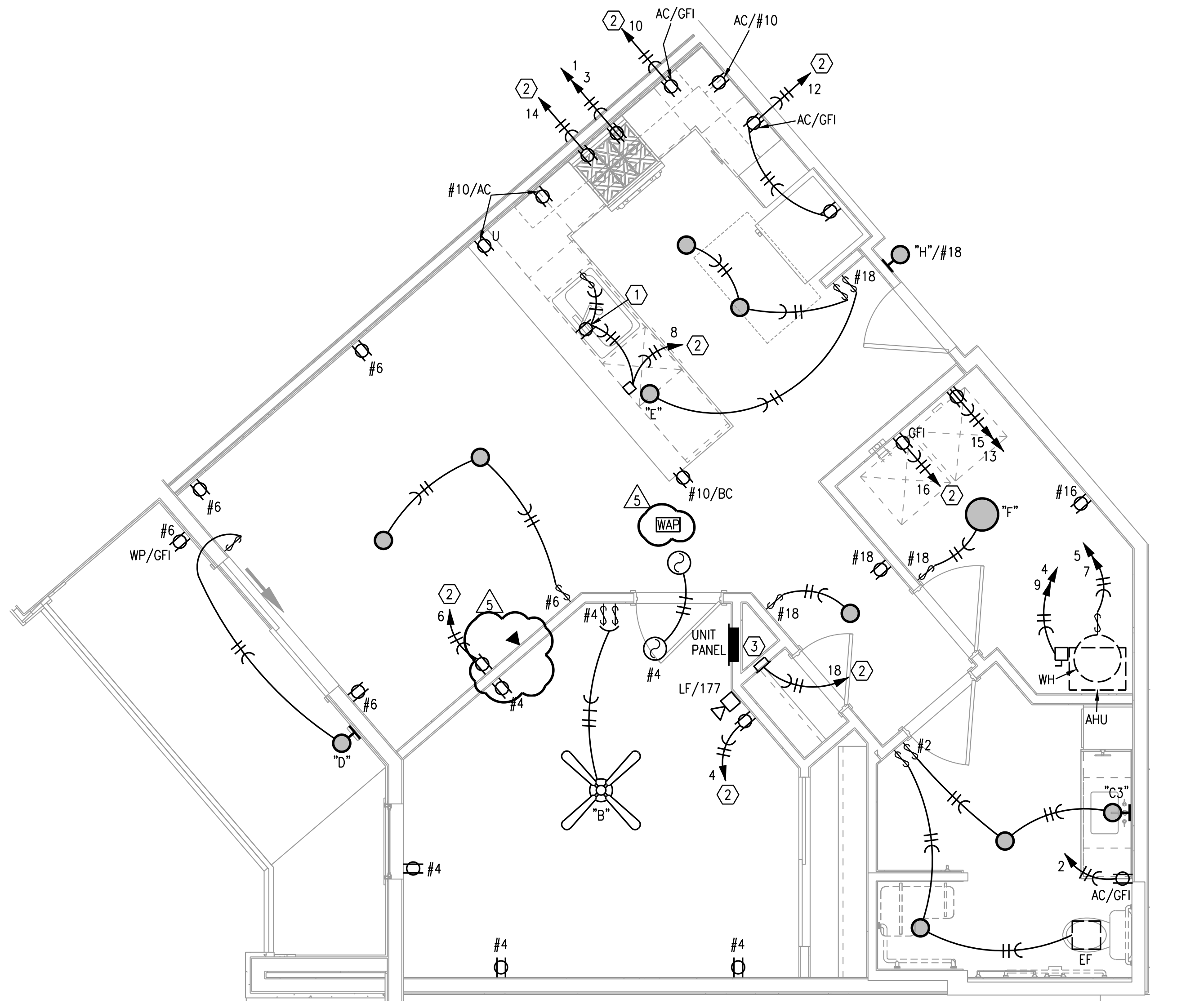
2 TYPICAL UNIT PLAN - A2

1/4"=1'-0" ELECTRICAL



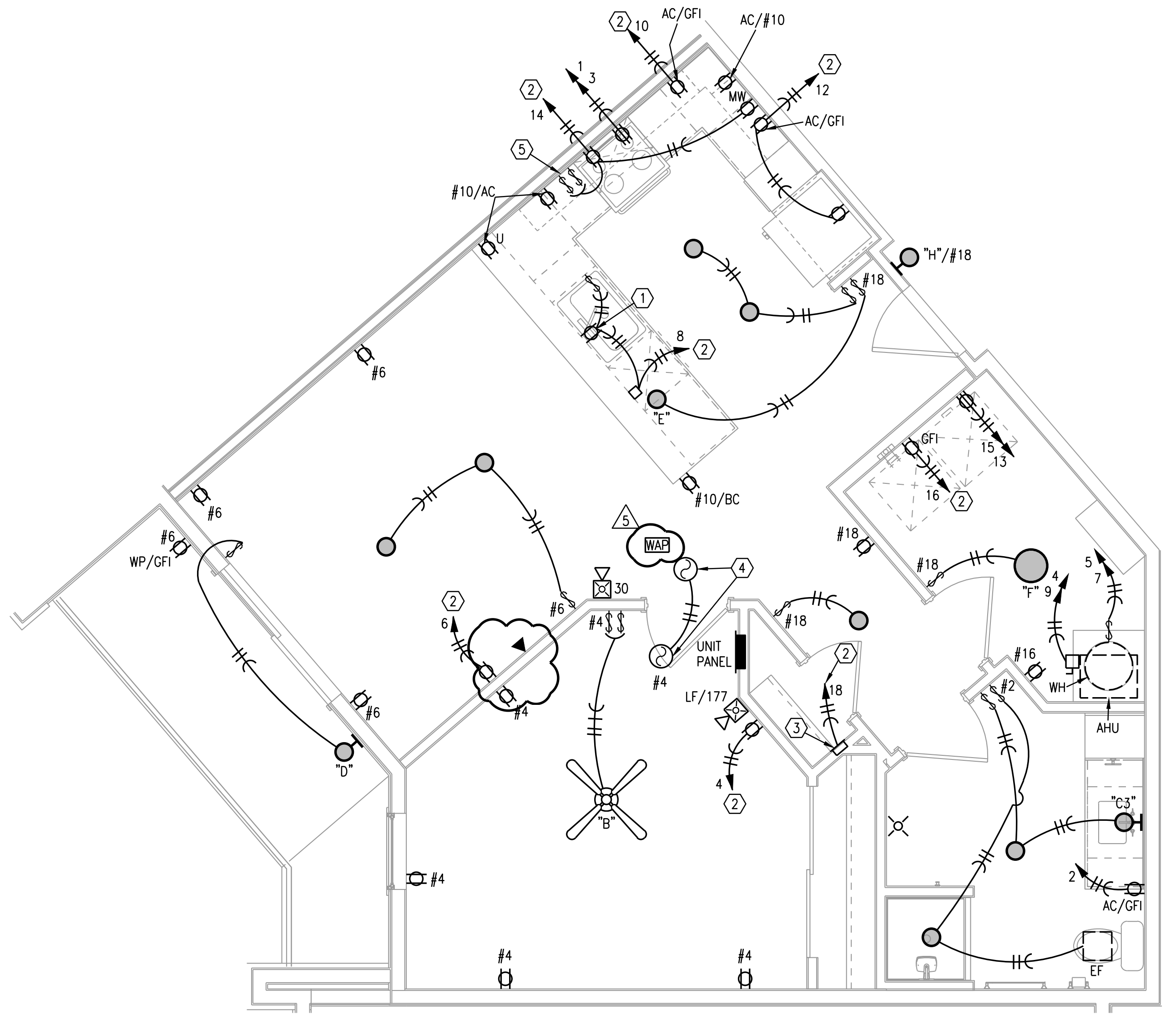
3 TYPICAL UNIT PLAN - A3

1/4"=1'-0" ELECTRICAL



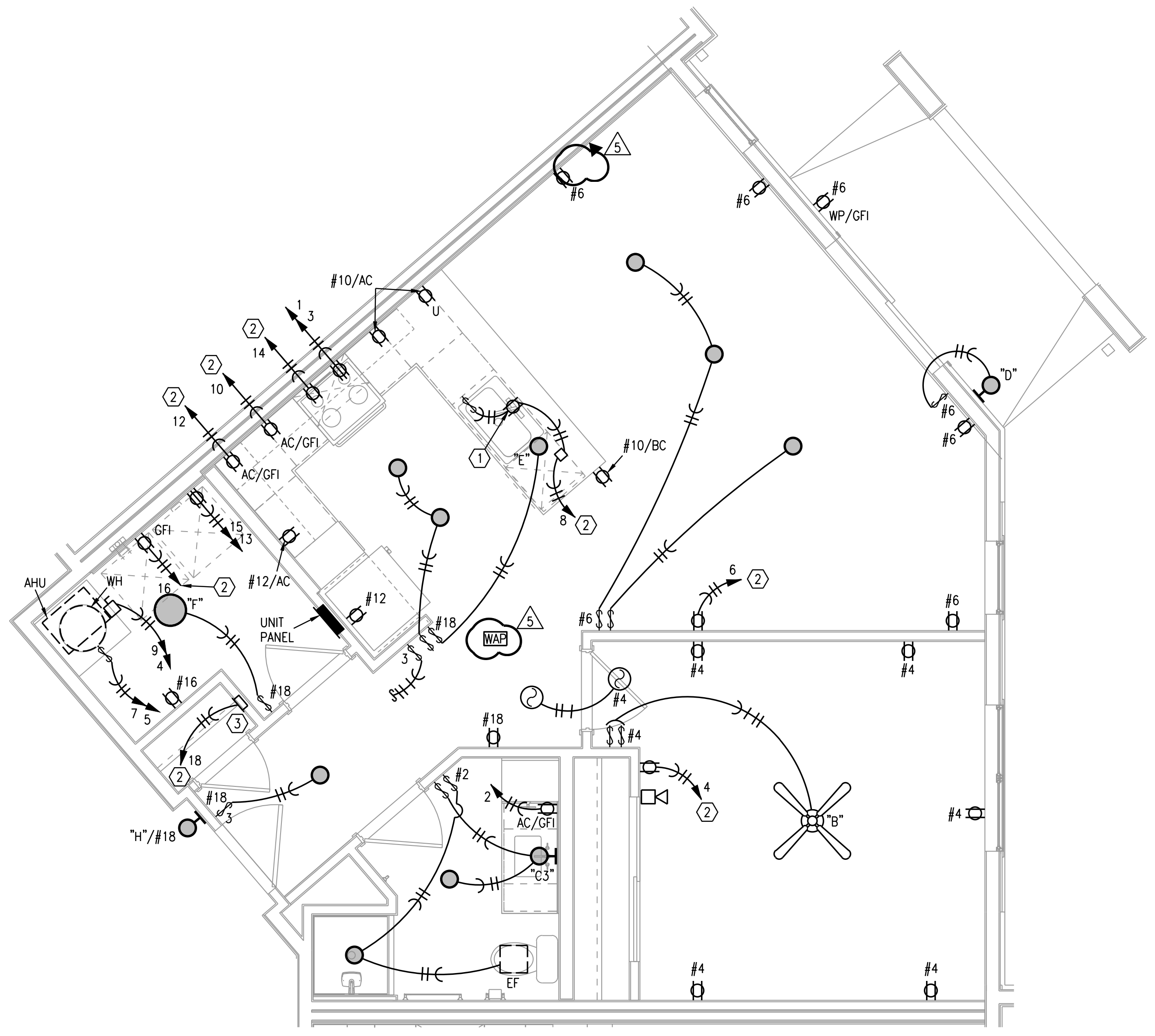
4 TYPICAL UNIT PLAN - A4

1/4"=1'-0" ELECTRICAL



5 TYPICAL UNIT PLAN - A4 TYPE A

1/4"=1'-0" ELECTRICAL



6 TYPICAL UNIT PLAN - A5

1/4"=1'-0" ELECTRICAL

NOTES:

1. ENTRY FIXTURE IN HALLWAYS ARE WIRED TO UNIT CIRCUIT. 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 ISLAND/PENINSULA 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. ◎ = 120V. SMOKE 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.
17. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR DIMENSIONS & SCHEDULE.
18. MOUNT TOP BREAKER IN UNIT PANELS AT 48".

LEGEND:

⟨1⟩ SWITCHED GFI 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.
⏀U	USB CHARGING COMB. RECEPTACLE.
▼	DATA OUTLET.
Ⓣv	COMBINATION CATV/DATA OUTLET.
AC	ABOVE COUNTER
BC	BELOW COUNTER
◻◁	LOW FREQUENCY HORN
○	TYPE "A" FIXTURE

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LSA PROJECT NO. 2104008

RICHARD R. BEARDMORE
5-12-22

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ELECTRICAL ENGINEER

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PLUMBING
ELECTRICAL

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DATE: 7.15.2021

REVISIONS △#

△3	REVISION 1	02-11-22
△5	REVISION 3	05-12-22

DWG BY CAD/RRB

TR,i PROJECT NO. 20-001

SHEET NO.

E201

TYPICAL UNIT PLANS - ELECTRICAL

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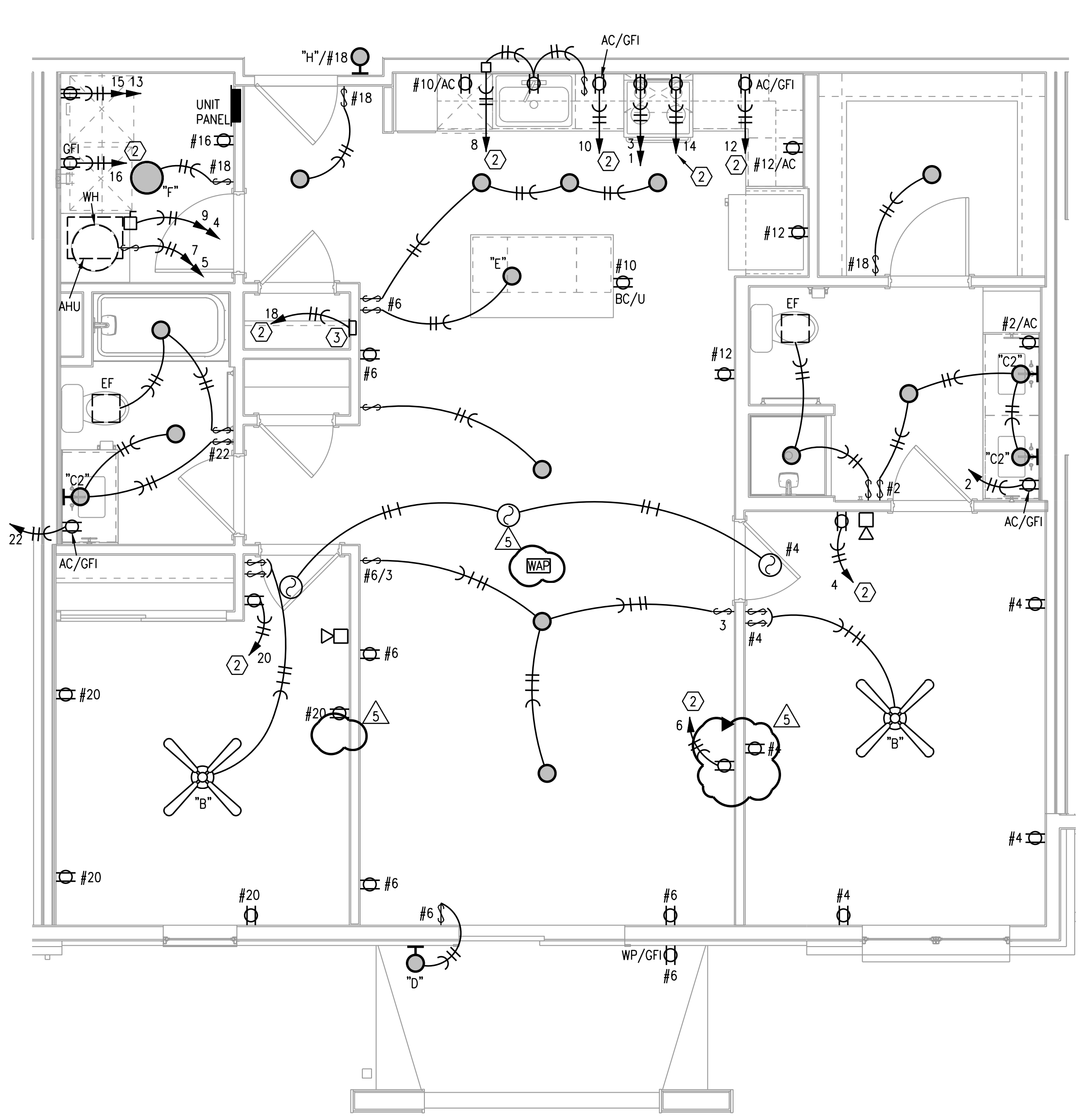
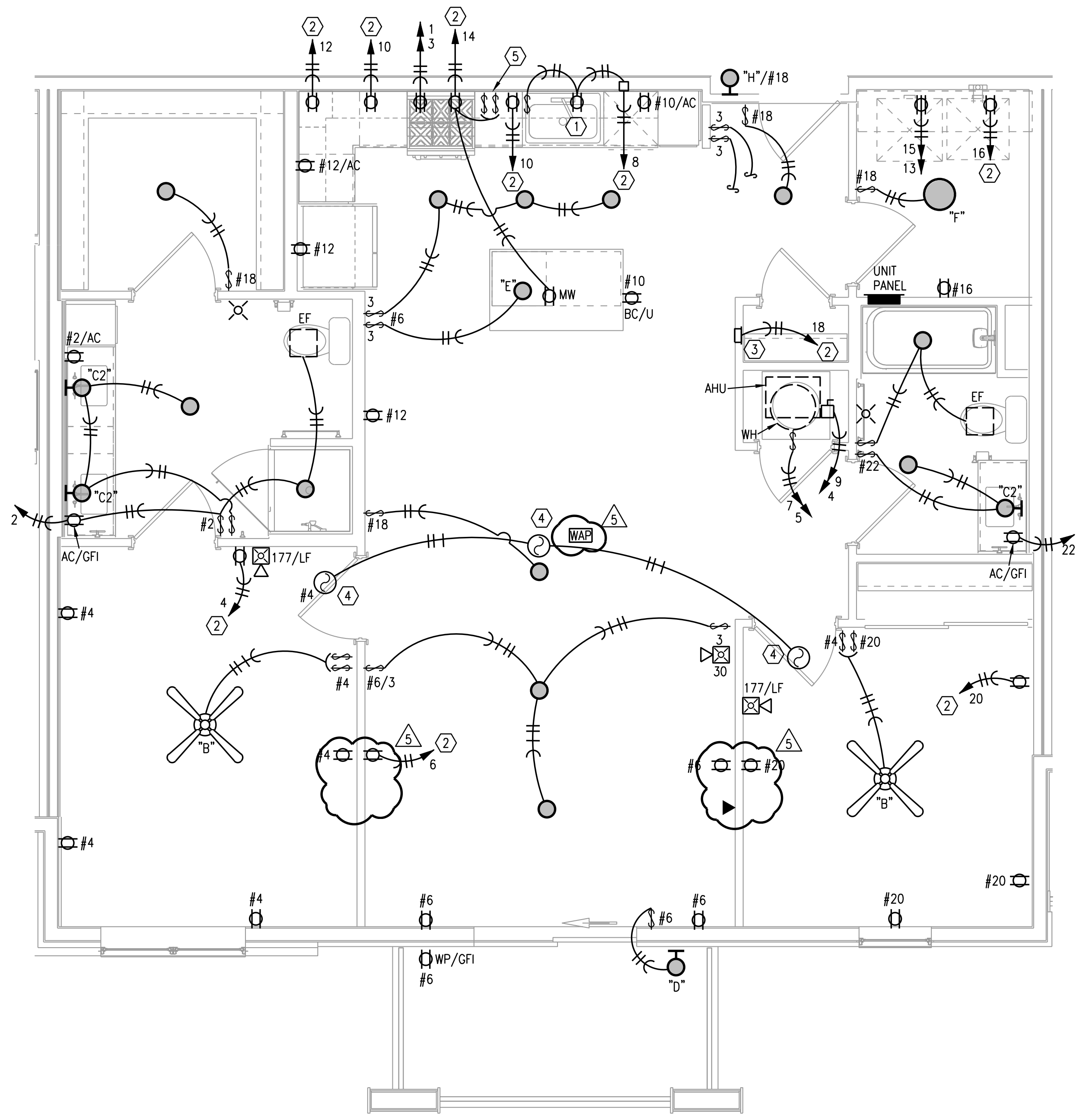
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
05/23/2022



1 TYPICAL UNIT PLAN - B1
1/4"=1'-0" (UNITS B1-1, B1-2, B1-3 SIMILAR) ELECTRICAL



2 TYPICAL UNIT PLAN - B1 TYPE A
1/4"=1'-0" ELECTRICAL

LEGEND:

- ⟨1⟩ SWITCHED GFI 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;

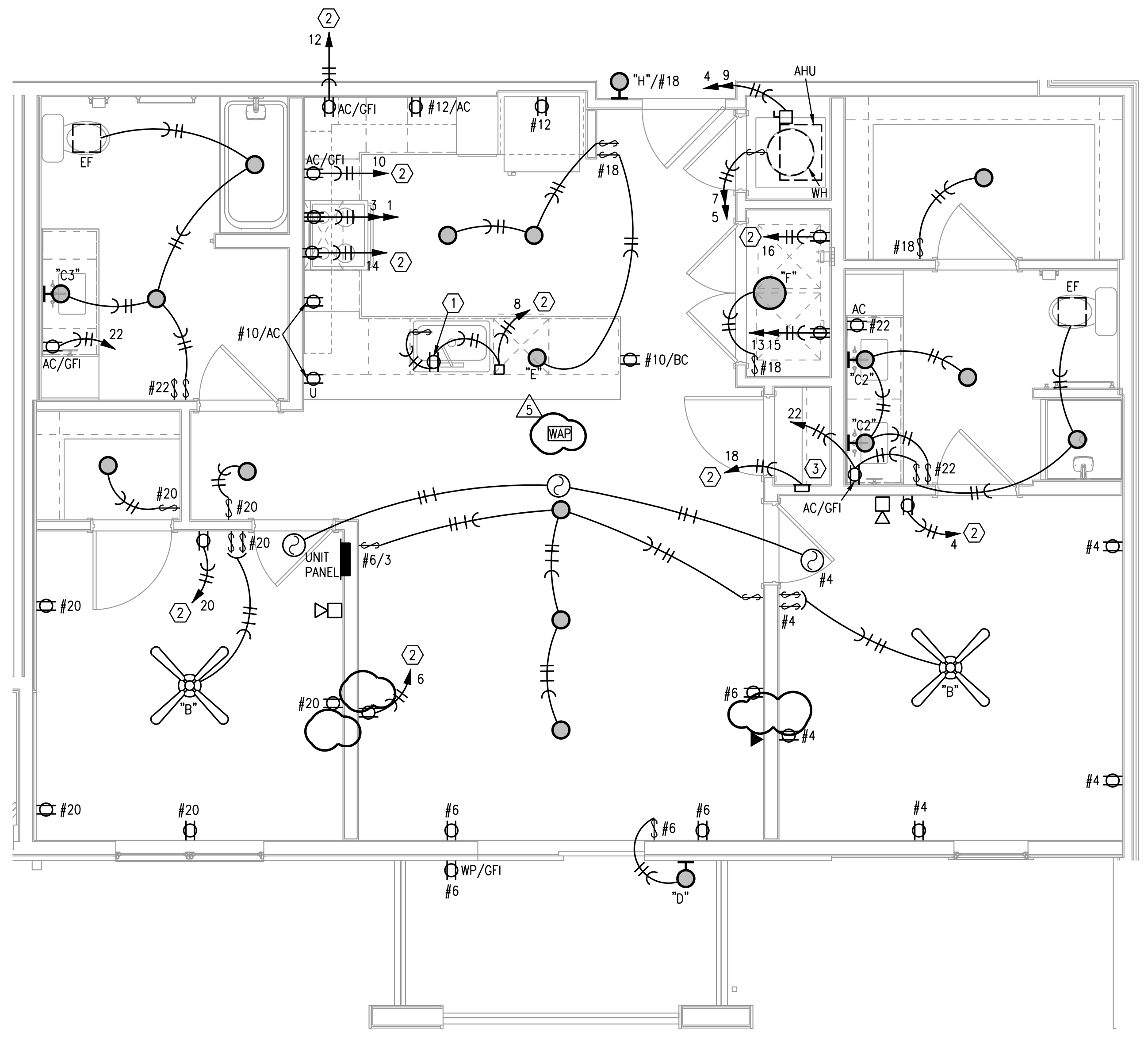
⏀	DUPLEX RECEPTACLE.
⏀	120/240V. RECEPTACLE. 30A. FOR DRYER, 50A. FOR RANGE.
⏀SW	RECEPTACLE HALF SWITCHED.
⏀U	USB CHARGING COMB. RECEPTACLE.
▼	DATA OUTLET.
Ⓣv	COMBINATION CATV/DATA OUTLET.
AC	ABOVE COUNTER
BC	BELOW COUNTER
◁	LOW FREQUENCY HORN
○	TYPE "A" FIXTURE

NOTES:

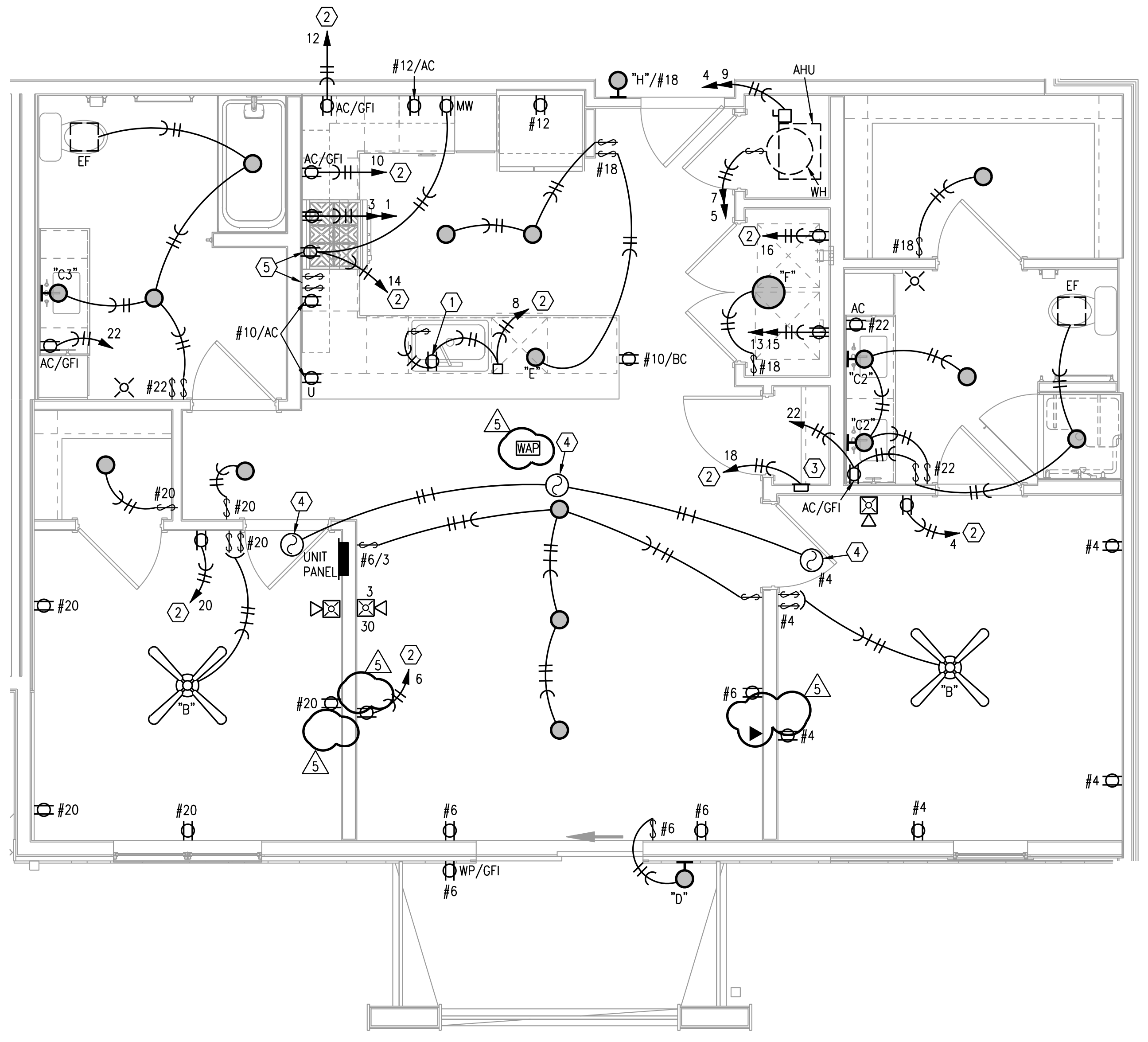
1. ENTRY FIXTURE IN HALLWAYS ARE WIRED TO UNIT CIRCUIT. MOUNT AT 72"AFF, VERIFY WITH ARCHITECT.
2. CEILING FAN SWITCHES PROVIDED WITH FAN. CONTROL LIGHT AND FAN SEPARATELY. INTENDED FOR SINGLE GANG BOX.
3. CENTER ISLAND/PENINSULA PENDANT LIGHTS OVER BASE BACK WALL AND CENTERED EQUALLY LEFT TO RIGHT OVER 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. ◎ = 120V. SMOKE 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.
17. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR DIMENSIONS & SCHEDULE.
18. MOUNT TOP BREAKER IN UNIT PANELS AT 48".

NOTES:

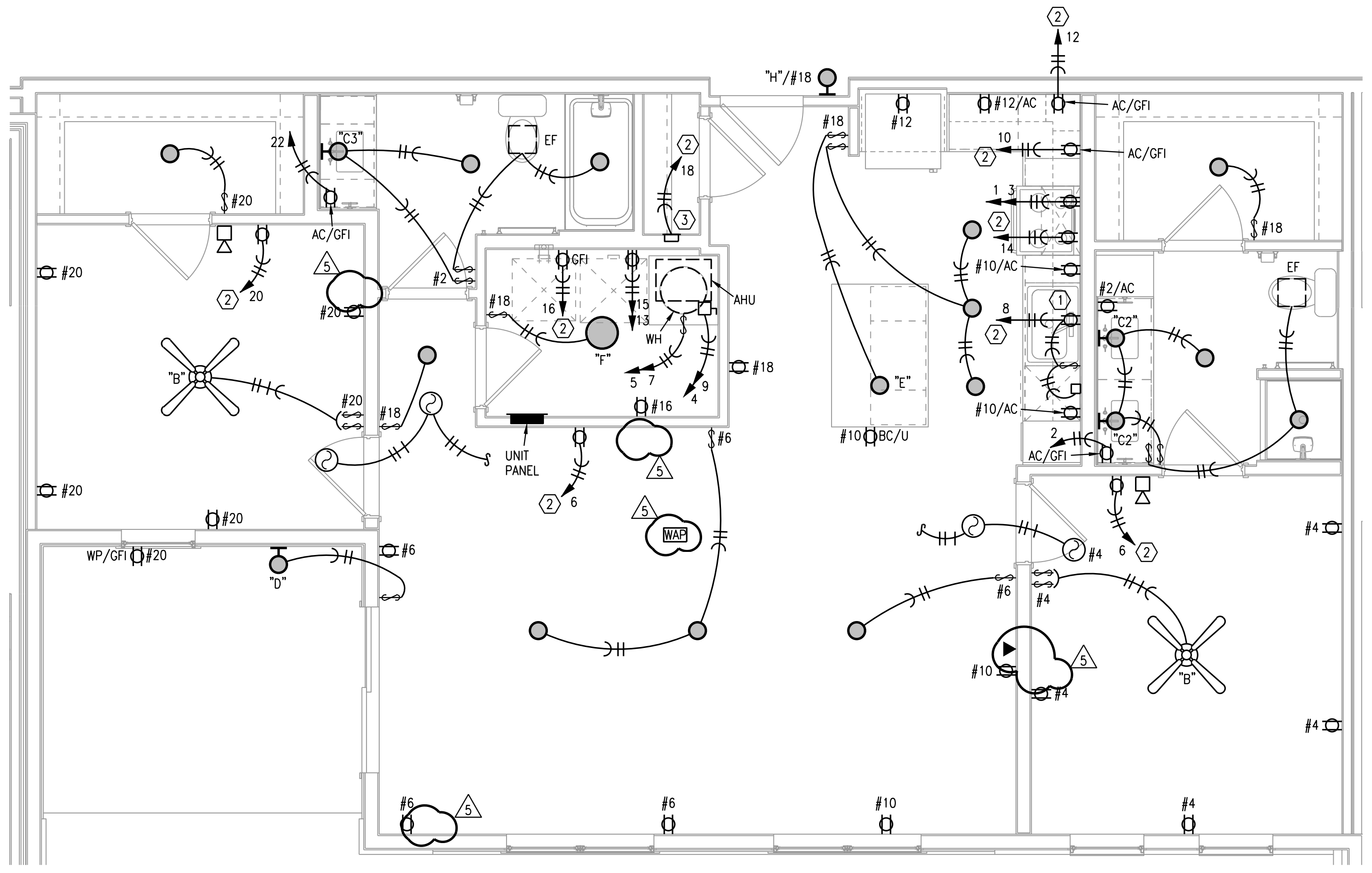
SEE INTERIORS CEILING PLANS FOR LIGHTING PLACEMENT.



3 TYPICAL UNIT PLAN - B2
1/4"=1'-0" ELECTRICAL



4 TYPICAL UNIT PLAN - B2 TYPE A
1/4"=1'-0" ELECTRICAL



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

RICHARD R. BEARDMORE
5-12-22

ARCHITECT — TR,i ARCHITECTS
STRUCTURAL ENGINEER — STRUCTURAL
CIVIL ENGINEER — CIVIL
GENERAL CONTRACTOR — GENERAL CONTRACTOR
MECHANICAL ENGINEER — ENGINEER
PLUMBING ENGINEER — PLUMBING
ELECTRICAL ENGINEER — ELECTRICAL

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DEVELOPMENT

The Signature at West Pryor

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DATE: 7.15.2021

REVISIONS ⟨#⟩

1	PERMIT REVIEW COMMENTS	08-17-21
3	REVISION 1	02-11-22
4	REVISION 2	03-01-22
5	REVISION 3	05-12-22

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LSA PROJECT NO. 2104008

DWG BY CAD/RRB

TR,i PROJECT NO. 20-001

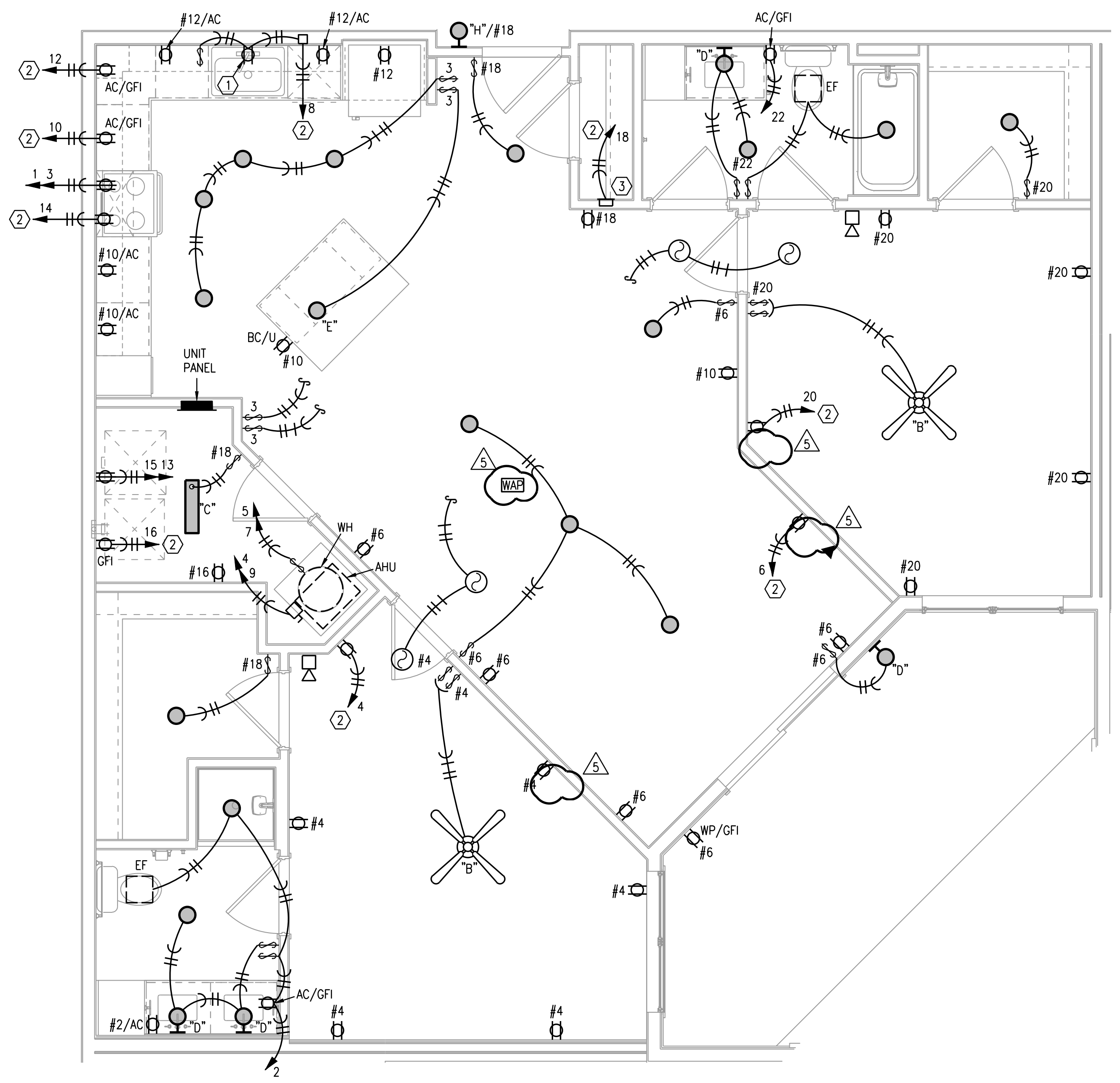
SHEET NO.

E202

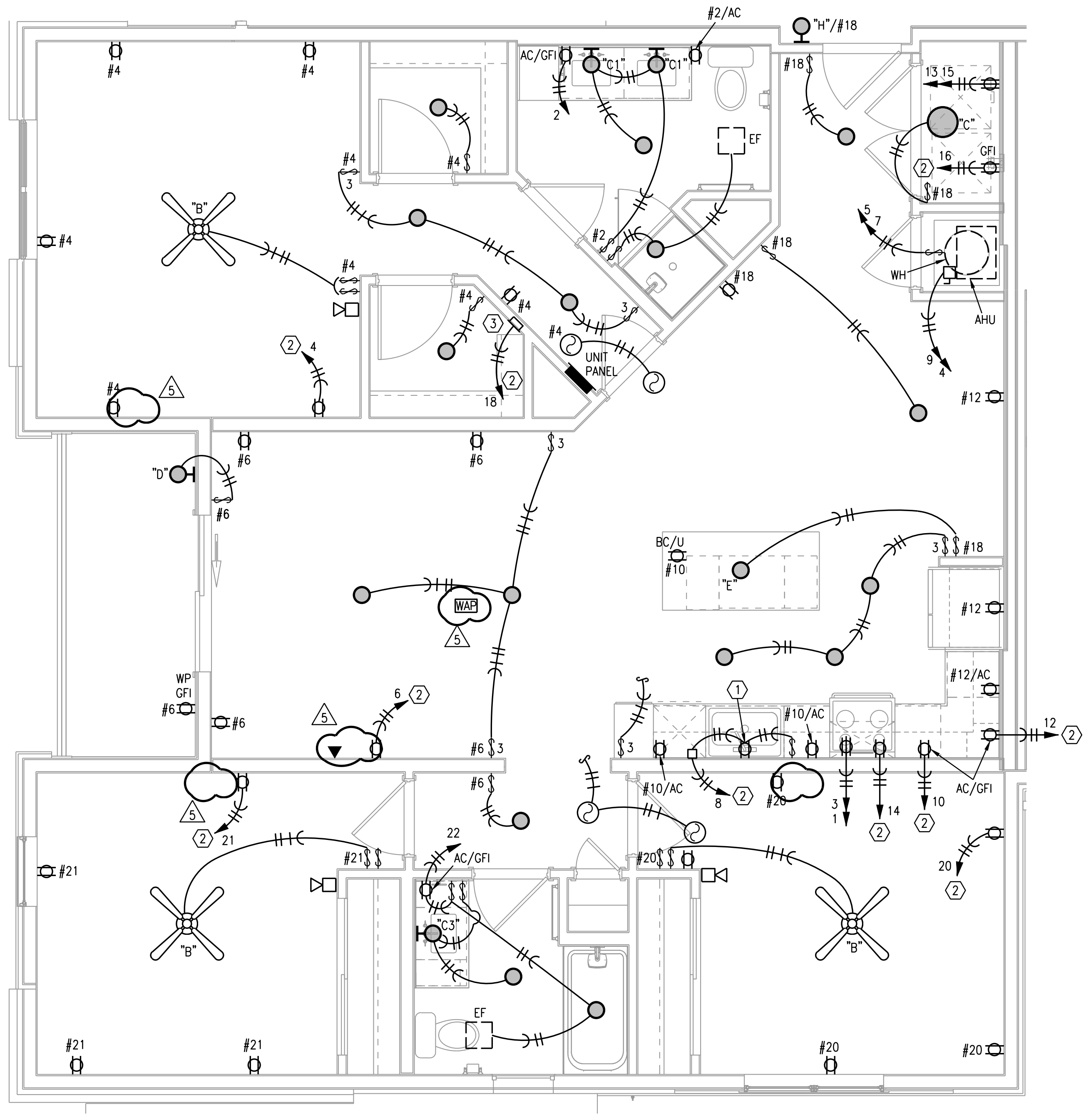
TYPICAL UNIT PLANS - ELECTRICAL

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
05/23/2022

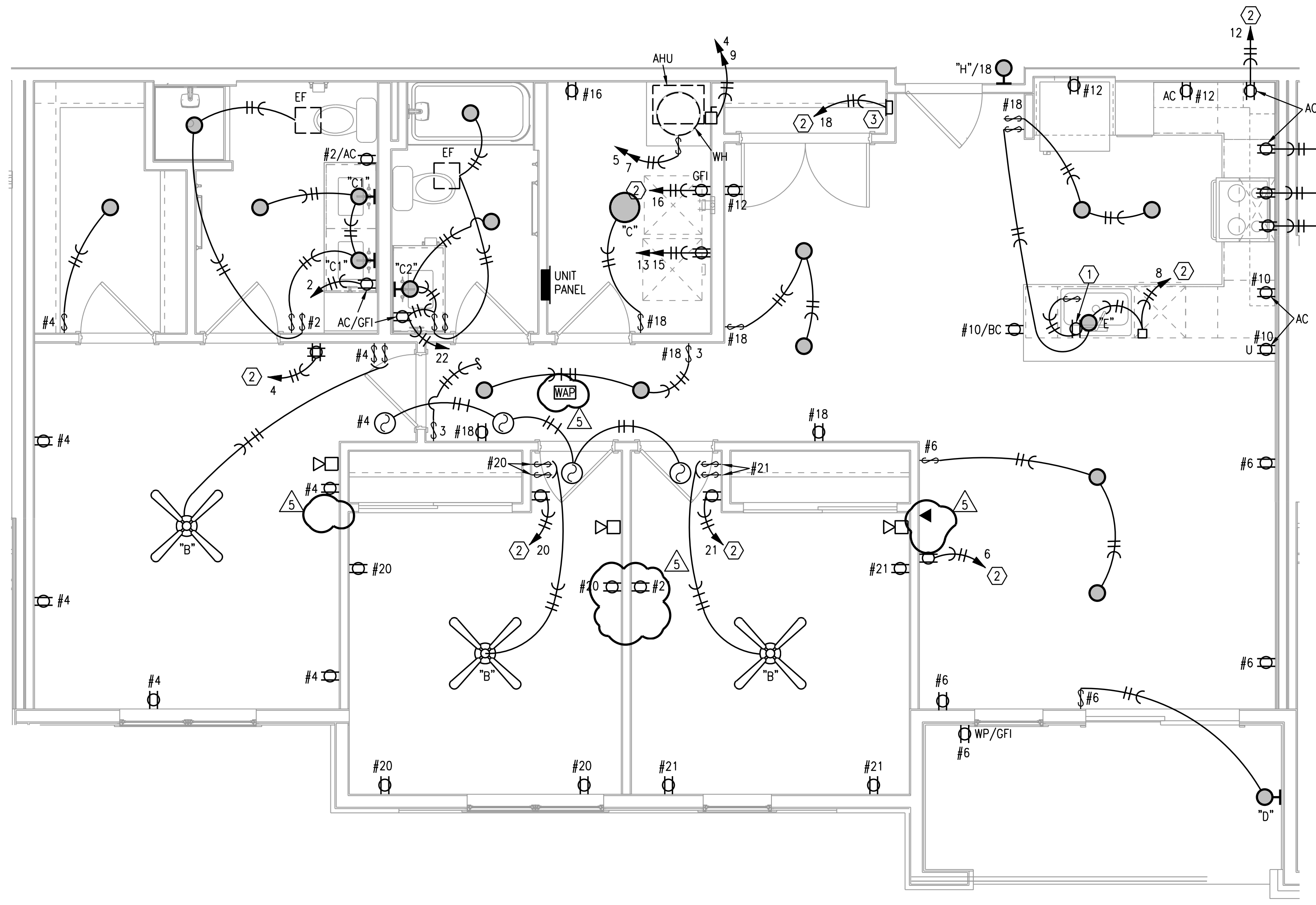
NOTES:
SEE INTERIORS CEILING PLANS FOR LIGHTING PLACEMENT.



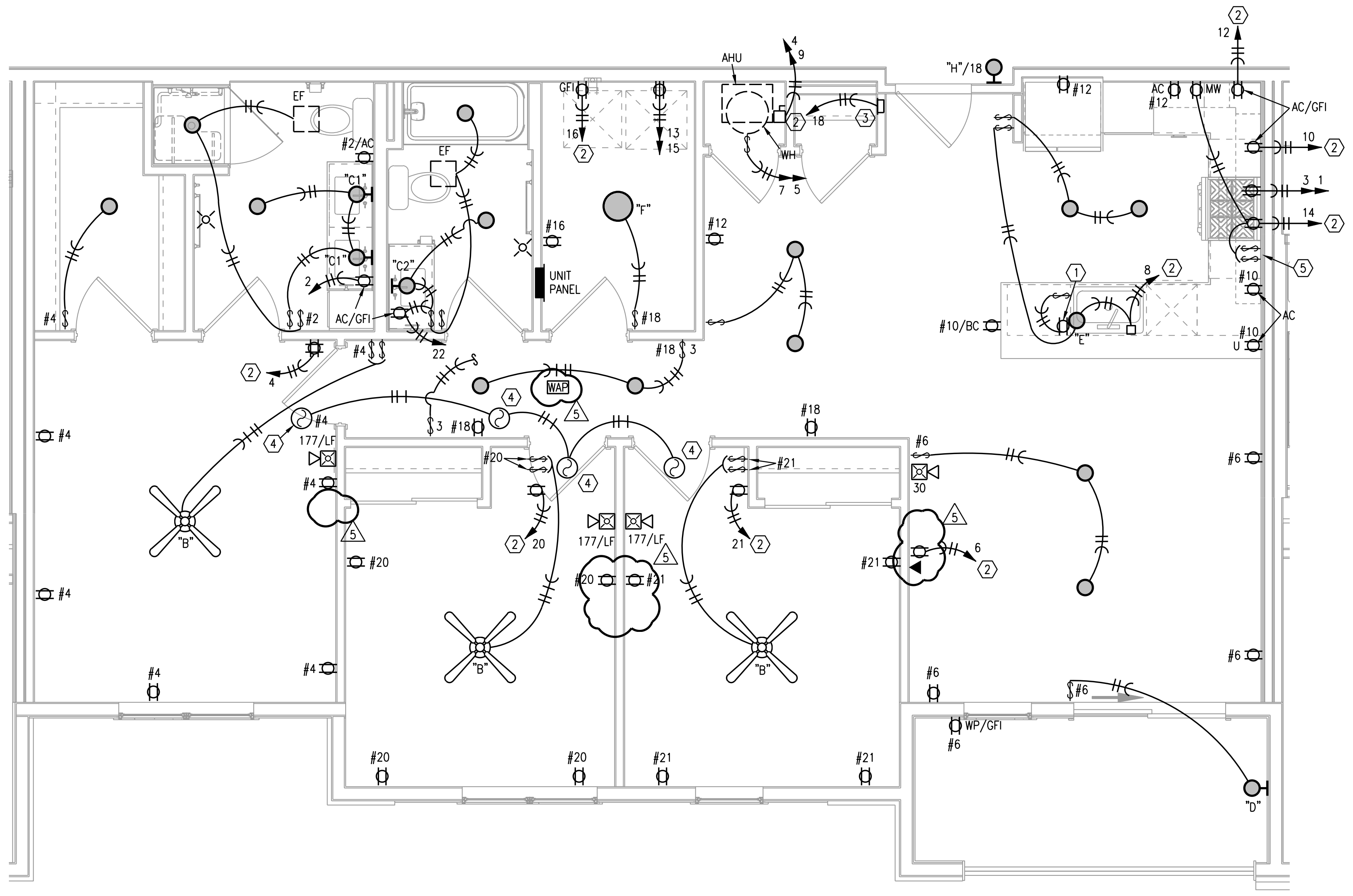
1 TYPICAL UNIT PLAN - B4
1/4"=1'-0" ELECTRICAL



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



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



4 TYPICAL UNIT PLAN - C2 TYPE A
1/4"=1'-0" ELECTRICAL

NOTES:

1. ENTRY FIXTURE IN HALLWAYS ARE WIRED TO UNIT CIRCUIT. 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 ISLAND/PENINSULA 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. ◎ = 120V. SMOKE 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.
17. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR DIMENSIONS & SCHEDULE.
18. MOUNT TOP BREAKER IN UNIT PANELS AT 48".

LEGEND:

⟨1⟩ SWITCHED GFI 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.
⏀U	USB CHARGING COMB. RECEPTACLE.
▼	DATA OUTLET.
Ⓣv	COMBINATION CATV/DATA OUTLET.
AC	ABOVE COUNTER
BC	BELOW COUNTER
☐◁	LOW FREQUENCY HORN
○	TYPE "A" FIXTURE

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LSA PROJECT NO. 2104008

RICHARD R. BEARDMORE
5-12-22

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DATE: 7.15.2021

REVISIONS △#

△3	REVISION 1	02-11-22
△5	REVISION 3	05-12-22

DWG BY CAD/RRB

TR,i PROJECT NO. 20-001

SHEET NO.
E203
TYPICAL UNIT PLANS - ELECTRICAL

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
05/23/2022

Multi-Family Building Load Analysis

Building: 1-1A, 1-1B

Unit Quantity	Unit Type	Connected Load - VA	Total KVA
15	A1	31460	471.9
5	A2, A4, A5	31870	159.4
0	A3	32170	0.0
24	B1, B2	33070	793.7
15	B3, B4	33025	495.4
7	C1	35600	249.2
3	C2	35240	105.7
		Total Building KVA	2275.2
		Total Units	69
		Diversity per NEC Table 230.84	0.23
		Diversified KVA	523.3
		Amps @ 208 V Three Phase	1454
		House Load - Amps	300
		Total Demand - Amps	1754

Multi-Family Building Load Analysis

Building: 1-1A

Unit Quantity	Unit Type	Connected Load - VA	Total KVA
6	A1	31460	188.8
	A2, A4, A5	31870	0.0
	A3	32170	0.0
12	B1, B2	33070	396.8
6	B3, B4	33025	198.2
6	C1	35600	213.6
3	C2	35240	105.72
		Total Building KVA	1103.1
		Total Units	33
		Diversity per NEC Table 230.84	0.31
		Diversified KVA	342.0
		Amps @ 208 V Three Phase	950
		House Load - Amps	150
		Total Demand - Amps	1100

Multi-Family Building Load Analysis

Building: 1-1B

Unit Quantity	Unit Type	Connected Load - VA	Total KVA
9	A1	31460	283.1
5	A2, A4, A5	31870	159.4
	A3	32170	0.0
12	B1, B2	33070	396.8
9	B3, B4	33025	297.2
1	C1	35600	35.6
	C2	35240	0.00
		Total Building KVA	1172.2
		Total Units	36
		Diversity per NEC Table 230.84	0.30
		Diversified KVA	351.6
		Amps @ 208 V Three Phase	977
		House Load - Amps	350
		Total Demand - Amps	1327

Multi-Family Building Load Analysis

Building: 1-2

Unit Quantity	Unit Type	Connected Load - VA	Total KVA
18	A1	31460	566.3
6	A2, A4, A5	31870	191.2
	A3	32170	0.0
	B1, B2	33070	0.0
3	B3, B4	33025	99.1
6	C1	35600	213.6
	C2	35240	
		Total Building KVA	1070.2
		Total Units	33
		Diversity per NEC Table 230.84	0.31
		Diversified KVA	331.8
		Amps @ 208 V Three Phase	922
		House Load - Amps	150
		Total Demand - Amps	1072

Multi-Family Building Load Analysis

Building: 2-1A, B

Unit Quantity	Unit Type	Connected Load - VA	Total KVA
9	A1	31460	283.1
0	A2, A4, A5	31870	0.0
0	A3	32170	0.0
22	B1, B2	33070	727.5
3	B3, B4	33025	99.1
9	C1	35600	320.4
6	C2	35240	211.4
		Total Building KVA	1641.6
		Total Units	49
		Diversity per NEC Table 230.84	0.24
		Diversified KVA	394.0
		Amps @ 208 V Three Phase	1094
		House Load - Amps	300
		Total Demand - Amps	1394

Multi-Family Building Load Analysis

Building: 2-1A

Unit Quantity	Unit Type	Connected Load - VA	Total KVA
6	A1	31460	188.8
	A2, A4, A5	31870	0.0
	A3	32170	0.0
3	B1, B2	33070	99.2
	B3, B4	33025	0.0
6	C1	35600	213.6
6	C2	35240	211.4
		Total Building KVA	713.0
		Total Units	21
		Diversity per NEC Table 230.84	0.37
		Diversified KVA	263.8
		Amps @ 208 V Three Phase	733
		House Load - Amps	150
		Total Demand - Amps	883

Multi-Family Building Load Analysis

Building: 2-1 B

Unit Quantity	Unit Type	Connected Load - VA	Total KVA
3	A1	31460	94.4
	A2, A4, A5	31870	0.0
	A3	32170	0.0
19	B1, B2	33070	628.3
3	B3, B4	33025	99.1
3	C1	35600	106.8
	C2	35240	
		Total Building KVA	928.6
		Total Units	28
		Diversity per NEC Table 230.84	0.33
		Diversified KVA	306.4
		Amps @ 208 V Three Phase	851
		House Load - Amps	300
		Total Demand - Amps	1151

Multi-Family Building Load Analysis

Building: 2-2

	Unit Type	Connected Load - VA	Total KVA
9	A1	31460	283.1
	A2, A4, A5	31870	0.0
3	A3	32170	96.5
15	B1, B2	33070	496.1
	B3, B4	33025	0.0
	C1	35600	0.0
6	C2	35240	211.4
		Total Building KVA	1087.1
		Total Units	33
		Diversity per NEC Table 230.84	0.31
		Diversified KVA	337.0
		Amps @ 208 V Three Phase	936
		House Load - Amps	150
		Total Demand - Amps	1086

Unit Load Calculation

Unit: A1			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: A2, A4, A5			VA
760 square feet at 3 VA per sq. ft.			2280
2 small appliance circuits			3000
Range			8000
Microwave			1000
Washer			1500
Dryer			4400
Water Heater			4500
Dishwasher			740
Disposer			850
Total general load			26270
NEC 220-84 Calculation			
First 10 KVA at 100%			10000
Remainder at 40%			6508
Heater Load	5600	65%	3640
Total load			20148
Load for unit service	Amp @	208 volt/1	97
Connected Load			31870

Unit Load Calculation

Unit: A3			VA
860 square feet at 3 VA per sq. ft.			2580
2 small appliance circuits			3000
Range			8000
Microwave			1000
Washer			1500
Dryer			4400
Water Heater			4500
Dishwasher			740
Disposer			850
Total general load			26570
NEC 220-84 Calculation			
First 10 KVA at 100%			10000
Remainder at 40%			6628
Heater Load	5600	65%	3640
Total load			20268
Load for unit service	Amp @	208 volt/1	97
Connected Load			32170

Unit Load Calculation

Unit: B1, B2			VA
1160 square feet at 3 VA per sq. ft.			3480
2 small appliance circuits			3000
Range			8000
Microwave			1000
Washer			1500
Dryer			4400
Water Heater			4500
Dishwasher			740
Disposer			850
Total general load			27470
NEC 220-84 Calculation			
First 10 KVA at 100%			10000
Remainder at 40%			6988
Heater Load	5600	65%	3640
Total load			20628
Load for unit service	Amp @	208 volt/1	99
Connected Load			33070

Unit Load Calculation

Unit: B3, B4			VA
1145 square feet at 3 VA per sq. ft.			3435
2 small appliance circuits			3000
Range			8000
Microwave			1000
Washer			1500
Dryer			4400
Water Heater			4500
Dishwasher			740
Disposer			850
Total general load			27425
NEC 220-84 Calculation			
First 10 KVA at 100%			10000
Remainder at 40%			6970
Heater Load	5600	65%	3640
Total load			20610
Load for unit service	Amp @	208 volt/1	99
Connected Load			33025

Unit Load Calculation

Unit: C1			VA
1370 square feet at 3 VA per sq. ft.			4110
2 small appliance circuits			3000
Range			8000
Microwave			1000
Washer			1500
Dryer			4400
Water Heater			4500
Dishwasher			740
Disposer			850
Total general load			28100
NEC 220-84 Calculation			
First 10 KVA at 100%			10000
Remainder at 40%			7240
Heater Load	7500	65%	4875
Total load			22115
Load for unit service	Amp @	208 volt/1	106
Connected Load			35600

Unit Load Calculation

Unit: C2			VA
1250 square feet at 3 VA per sq. ft.			3750
2 small appliance circuits			3000
Range			8000
Microwave			1000
Washer			1500
Dryer			4400
Water Heater			4500
Dishwasher			740
Disposer			850
Total general load			27740
NEC 220-84 Calculation			
First 10 KVA at 100%			10000
Remainder at 40%			7096
Heater Load	7500	65%	4875
Total load			21971
Load for unit service	Amp @	208 volt/1	106
Connected Load			35240

ELECTRICAL PANEL SCHEDULE

PANEL: A1, A2, A4		POLES: 18		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, DRYER		30	2	2
9, 11	AHU		40	2	1
17, 19	CONDENSING UNIT		20	2	1
2	LIGHTS AND RECEPTACLES		20	1	1
4 THRU 18 EVEN	ARC-FAULT LIGHTS AND RECEPTACLES		20	1	8
20	SPARE		20	1	1

ELECTRICAL PANEL SCHEDULE

PANEL: A3		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, DRYER		30	2	2
9, 11	AHU		40	2	1
17, 19	CONDENSING UNIT		25	2	1
2, 22	LIGHTS AND RECEPTACLES		20	1	2
4 THRU 20 EVEN	ARC-FAULT LIGHTS AND RECEPTACLES		20	1	9
21	SPARE		20	1	1

ELECTRICAL PANEL SCHEDULE

PANEL: A5		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, DRYER		30	2	2
9, 11	AHU		40	2	1
17, 19	CONDENSING UNIT		25	2	1
2	LIGHTS AND RECEPTACLES		20	1	1
4 THRU 18 EVEN	ARC-FAULT LIGHTS AND RECEPTACLES		20	1	8
21	SPARE		20	1	1

ELECTRICAL PANEL SCHEDULE

PANEL: ALL B UNITS		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, DRYER		30	2	2
9, 11	AHU		40	2	1
17, 19	CONDENSING UNIT		25	2	1
2, 22	LIGHTS AND RECEPTACLES		20	1	2
4 THRU 20 EVEN	ARC-FAULT LIGHTS AND RECEPTACLES		20	1	9
21	SPARE		20	1	1

ELECTRICAL PANEL SCHEDULE

PANEL: C1, C2		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, DRYER		30	2	2
9, 11	AHU		60	2	1
17, 19	CONDENSING UNIT		30	2	1
2, 22	LIGHTS AND RECEPTACLES		20	1	2
4 THRU 20 EVEN, 21	ARC-FAULT LIGHTS AND RECEPTACLES		20	1	10
22	SPARE		20	1	1

Common Space Luminaire Schedule

MARK	DESCRIPTION	MFGR	MODEL	MOUNTING	FINISH	LAMPS	NOTES
A	DISK LIGHT	MAXIM	57690WTWT-CHIP 5"	recessed	white	12W LED	
A2	Stair Puck	Liton	LCMPD5R	jb/surface	white	ELV Dimming (120V)	
B	FAN/LIGHT	FANIMATION	FPS8533MW - KWARTET	surface	white		
C1	24" RAIL	MAXIM	52102	surface	satin nickel		
C2	30" RAIL	MAXIM	52103SN	surface	satin nickel		
C3	36" RAIL	MAXIM	52104	surface	satin nickel		
D	OUTDOOR SCONCE/PATIO	MAXIM	54350ABZ - Avenue	wall	bronze		
E	PENDANT	ET2	E20086-BK - ABYSS	pendant	black		
F	GLOBE	ACCESS LIGHTING	49960LEDD-WH/ACR - COMO	surface	white		
H	Enrty Door Sconce	by others		wall			
J	Wall wash	Progress	P563000-020-30K	wall	black	12W LED	
K	String Lights	Honeywell	48' LED Indoor/Outdoor Stringlight	surface		24W LED 1872 Lumens	
L	Strip	Lithonia	MNSL-L46 1LL MVOLT 40k	surface	white	20W 4000K LED	W/ BATTERY
L1	Decorative Globe 1	Matteo	X8311BKOP	surface			
L2	Disk 1	Maxim	57690 WTWT	recessed			
L3	Decorative Pendant 1	Maxim	COCOON 12190WTPC	pendant			
L4	Linear 1	Access Lighting	24891LEDD-MWH/ACR	surface			
L5	Sconce	Matteo	W83010BKOP 40" AFF	wall			
L6	Linear 2	Matteo	C81704BKOP	surface			
L7	Decorative Globe 1	Matteo	C8311BKOP	surface			
L8	Disk 2	Matteo	C79611AL	recessed			
M	NOT USED						
N	Closet disk with built in motion	Satco	62/1312	surface	white	16.5W LED 4000K 1050LM	
X1	Exit	Royal Pacific	RXL-5-RW	surface	white/red	1.5W LED	remote capable
X2	Exit w/heads	Royal Pacific	RXEL39 - RW	surface	white/red	1.5W LED	
X3	Remote Head	Lithonia	ELA-LED	surface	std	1W LED	
X4	Weatherproof Exit	Lithonia	WLTE W 1 R	surface	std	1W LED	
X5	Dual-Head Emergency	Lithonia	ELM4L	surface	std	640 lumen	

ELECTRICAL PANEL SCHEDULE

PANEL: M				LOCATION:						MOUNTING: SURFACE			
BUS: 225 A	MAINS: MLO			VOLTAGE:	120/208			PHASE/WIRE:		3/4			KAIC: 10
	WATTS					POLE				WATTS			
DESCRIPTION	A	B	C	BRKR	WIRE			WIRE	BRKR	A	B	C	DESCRIPTION
DRYER	2200			30	8	1	2	12	20	50			LTG
		2200		2P	8	3	4	12	20		500		LTG
DRYER			2200	30	8	5	6	12	20				RECEPT
	2200			2P	8	7	8	12	20	500			WASHER
WH-M		2200		30	8	9	10	12	20		500		WASHER
			2200	2P	8	11	12	12	20			1000	RECEPT
EUH-D	1000			20	12	13	14	12	20	1000			RECEPT
EUH-D		1000		20	12	15	16	12	20		400		RECEPT
AHU-MAINT			5930	70	6	17	18	12	20			400	RECEPT
	5930			2P	6	19	20	12	20	400			RECEPT
CU-MAINT		2200		45	8	21	22	12	20		800		RECEPT
			2200	2P	8	23	24	12	20			400	RECEPT
EUH-B	4370			60	6	25	26	12	20	200			RECEPT
		4370		2P	6	27	28	12	20		400		RECEPT
RECEPT			400	20	12	29	30	12	20			400	RECEPT
SITE LIGHTING	800			20	10	31	32	12	20	500			MOTOR
IT		400		20	12	33	34	12	20		400		RECEPT
IT			400	20	12	35	36	12	20			400	RECEPT
RECEPT	200			20	12	37	38	12	20	400			RECEPT
RECEPT		200		20	12	39	40	12	20		400		RECEPT
RECEPT			200	20	12	41	42		20			400	RECEPT
DSS-IT	800			20	12	43	44						
		800		2P	12	45	46						
						47	48						
PANEL P	4000			100		49	50						
		1950				51	52						
			1750	3P		53	54						
CONNECTED LOAD-WATTS	24550	18720	18280							FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	205	156	152							FEEDER LOAD-AMPS			
CONTINUOUS LOAD										FEEDER WIRE			
RECEPTACLES										FEEDER OCP			
NON-CONTINUOUS LOAD													
OTHER DIVERSIFIED LOAD				@	0.5								

ELECTRICAL PANEL SCHEDULE

PANEL: P				LOCATION:						MOUNTING: SURFACE			
BUS: 100 A	MAINS: MLO			VOLTAGE:	120/208			PHASE/WIRE:		3/4			KAIC: 10
NEMA 3R	WATTS					POLE				WATTS			
DESCRIPTION	A	B	C	BRKR	WIRE			WIRE	BRKR	A	B	C	DESCRIPTION
POOL STARTER	1750			35	8	1	2	12	20	500			POOL HEATER
VERIFY HP		1750		2P	8	3	4	12	20		200		RECEPTCALES
POOL STARTER			1750	35	8	5	6						
VERIFY HP	1750			2P	8	7	8						
						9	10						
						11	12						
						13	14						
						15	16						
						17	18						
						19	20						
						21	22						
						23	24						
CONNECTED LOAD-WATTS	4000	1950	1750							FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	33	16	15							FEEDER LOAD-AMPS			
CONTINUOUS LOAD										FEEDER WIRE			
RECEPTACLES										FEEDER OCP			
NON-CONTINUOUS LOAD													
OTHER DIVERSIFIED LOAD				@	0.5								

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DATE: 7.15.2021

REVISIONS #

#	Revision	Date
1	PERMIT REVIEW COMMENTS	08-17-21
2	FDP COMMENTS	09-28-21
3	REVISION 1	02-11-22
4	REVISION 2	03-01-22
5	REVISION 3	05-12-22

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TR,i PROJECT NO. 20-001

SHEET NO.

E305

ELECTRICAL SCHEDULES

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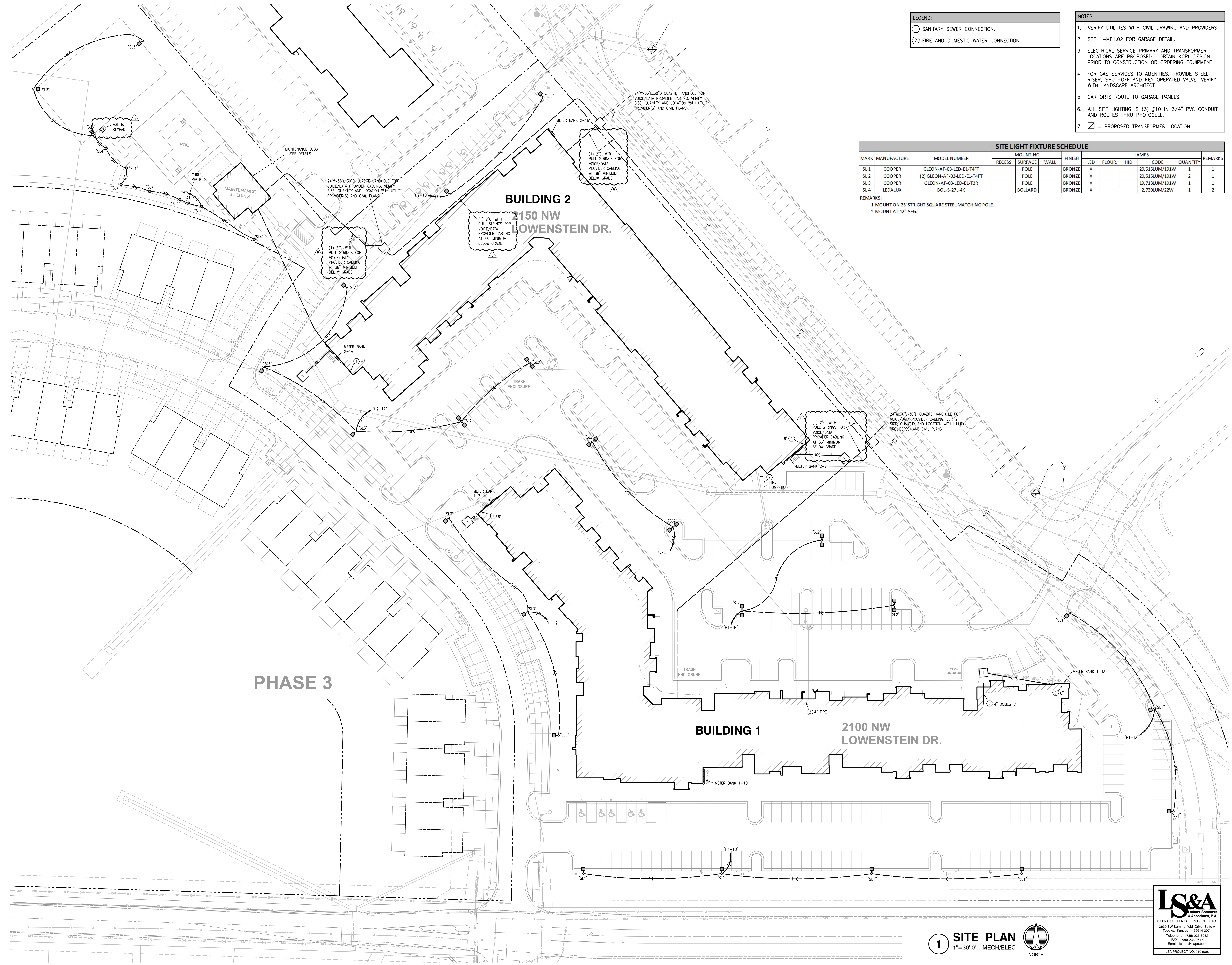
Development Services Department
Lee's Summit, Missouri
05/23/2022


"SL3"
"SL3"
MANUAL KEYPAD
CR
POOL
"SL4"
"SL4"
"SL4"
"SL4"
"SL4"
"SL4"
THRU PHOTOCELL
"M"
31
MAINTENANCE BLDG – SEE DETAILS
MAINTENANCE BUILDING
24"Wx36"Lx30"D QUAZITE HANDHOLE FOR VOICE/DATA PROVIDER CABLING. VERIFY SIZE, QUANTITY AND LOCATION WITH UTILITY PROVIDER(S) AND CIVIL PLANS
(1) 2"C. WITH PULL STRINGS FOR VOICE/DATA PROVIDER CABLING AT 36" MINIMUM BELOW GRADE
"SL3"
"H2-1B"
"SL3"
METER BANK 2-1B
24"Wx36"Lx30"D QUAZITE HANDHOLE FOR VOICE/DATA PROVIDER CABLING. VERIFY SIZE, QUANTITY AND LOCATION WITH UTILITY PROVIDER(S) AND CIVIL PLANS
(1) 2"C. WITH PULL STRINGS FOR VOICE/DATA PROVIDER CABLING AT 36" MINIMUM BELOW GRADE
BUILDING 2
2150 NW LOWENSTEIN DR.
(1) 2"C. WITH PULL STRINGS FOR VOICE/DATA PROVIDER CABLING AT 36" MINIMUM BELOW GRADE
"SL3"
"SL3"
METER BANK 2-1A
6"
UGS
TRASH ENCLOSURE
"SL3"
"H2-1A"
"SL3"
"SL2"
"SL2"
(1) 2"C. WITH PULL STRINGS FOR VOICE/DATA PROVIDER CABLING AT 36" MINIMUM BELOW GRADE
24"Wx36"Lx30"D QUAZITE HANDHOLE FOR VOICE/DATA PROVIDER CABLING. VERIFY SIZE, QUANTITY AND LOCATION WITH UTILITY PROVIDER(S) AND CIVIL PLANS
6"
UGS
METERS
METER BANK 2-2
4" FIRE, 4" DOMESTIC
METER BANK 1-2
"SL3"
6"
"SL2"
"H1-2"
"SL2"
"SL2"
"SL2"
"H1-1B"
"SL1"
"SL3"
"H1-2"
"SL3"
PHASE 3
TRASH ENCLOSURE
TRASH ENCLOSURE
METER BANK 1-1A
METERS
UGS
6"
4" DOMESTIC
4" FIRE
BUILDING 1
2100 NW LOWENSTEIN DR.
METER BANK 1-1B
"SL1"
"H1-1A"
"SL1"
"H1-1B"
"SL1"
"SL1"
"SL1"
"SL1"
UGP
GAS
SAN
5
NORTH

LEGEND:

1. SANITARY SEWER CONNECTION.
2. FIRE AND DOMESTIC WATER CONNECTION.

NOTES:

1. VERIFY UTILITIES WITH CIVIL DRAWING AND PROVIDERS.
2. SEE 1-ME1.02 FOR GARAGE DETAIL.
3. ELECTRICAL SERVICE PRIMARY AND TRANSFORMER LOCATIONS ARE PROPOSED. OBTAIN KCPL DESIGN PRIOR TO CONSTRUCTION OR ORDERING EQUIPMENT.
4. FOR GAS SERVICES TO AMENITIES, PROVIDE STEEL RISER, SHUT-OFF AND KEY OPERATED VALVE. VERIFY WITH LANDSCAPE ARCHITECT.
5. CARPORTS ROUTE TO GARAGE PANELS.
6. ALL SITE LIGHTING IS (3) #10 IN 3/4" PVC CONDUIT AND ROUTES THRU PHOTOCELL.
7. ☒ = PROPOSED TRANSFORMER LOCATION.

SITE LIGHT FIXTURE SCHEDULE

MARK	MANUFACTURE	MODEL NUMBER	MOUNTING			FINISH	LAMPS					REMARKS
			RECESS	SURFACE	WALL		LED	FLOUR.	HID	CODE	QUANTITY	
SL 1	COOPER	GLEON-AF-03-LED-E1-T4FT		POLE		BRONZE	X			20,515LUM/191W	1	1
SL 2	COOPER	(2) GLEON-AF-03-LED-E1-T4FT		POLE		BRONZE	X			20,515LUM/191W	2	1
SL 3	COOPER	GLEON-AF-03-LED-E1-T3R		POLE		BRONZE	X			19,713LUM/191W	1	1
SL 4	LEDALUX	BOL-S-27L-4K		BOLLARD		BRONZE	X			2,739LUM/22W	1	2

REMARKS:
1 MOUNT ON 25' STRIGHT SQUARE STEEL MATCHING POLE.
2 MOUNT AT 42" AFG.

1 SITE PLAN
1"=30'-0" MECH/ELEC

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ME101

SITE PLAN - MECH/ELEC

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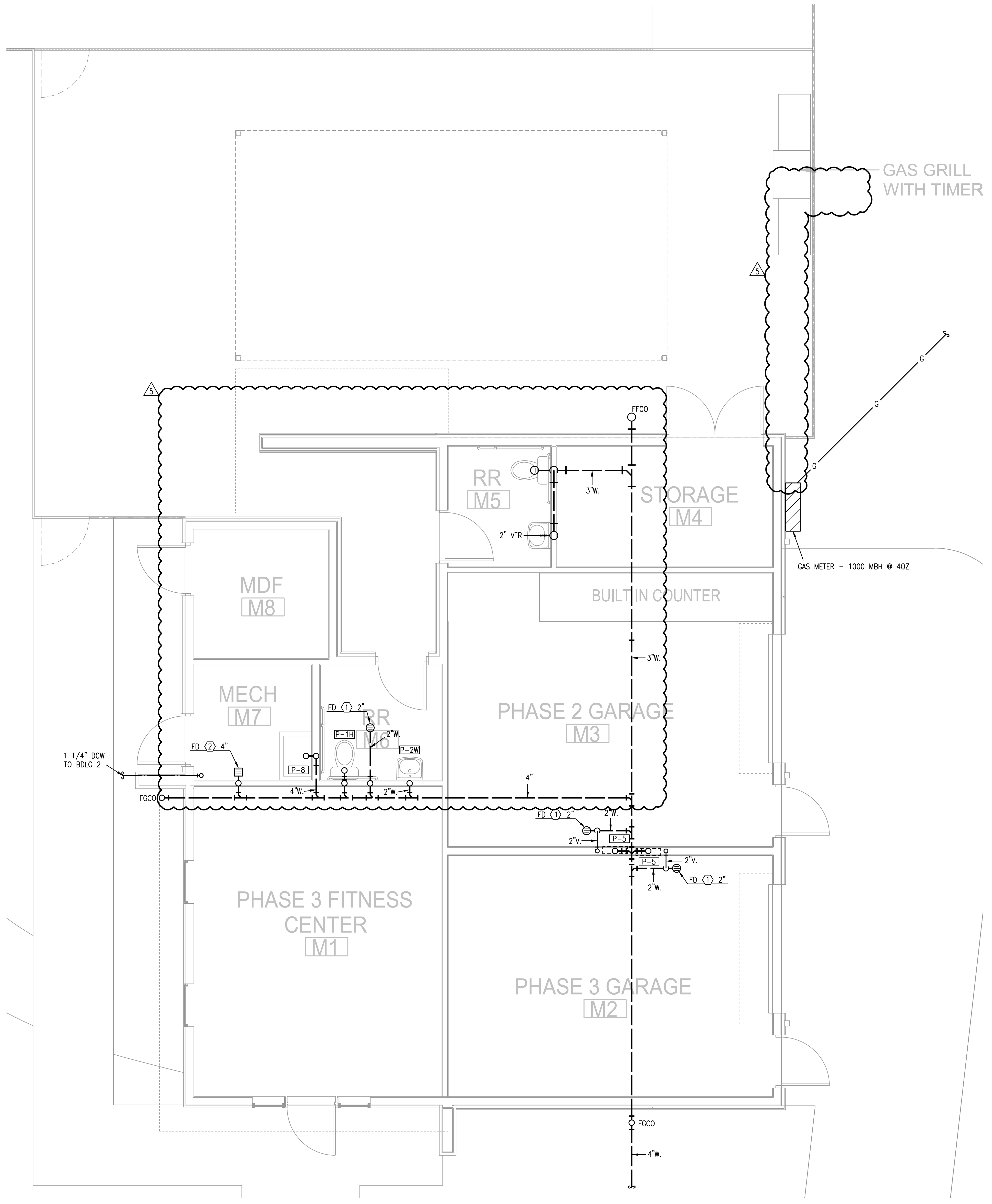
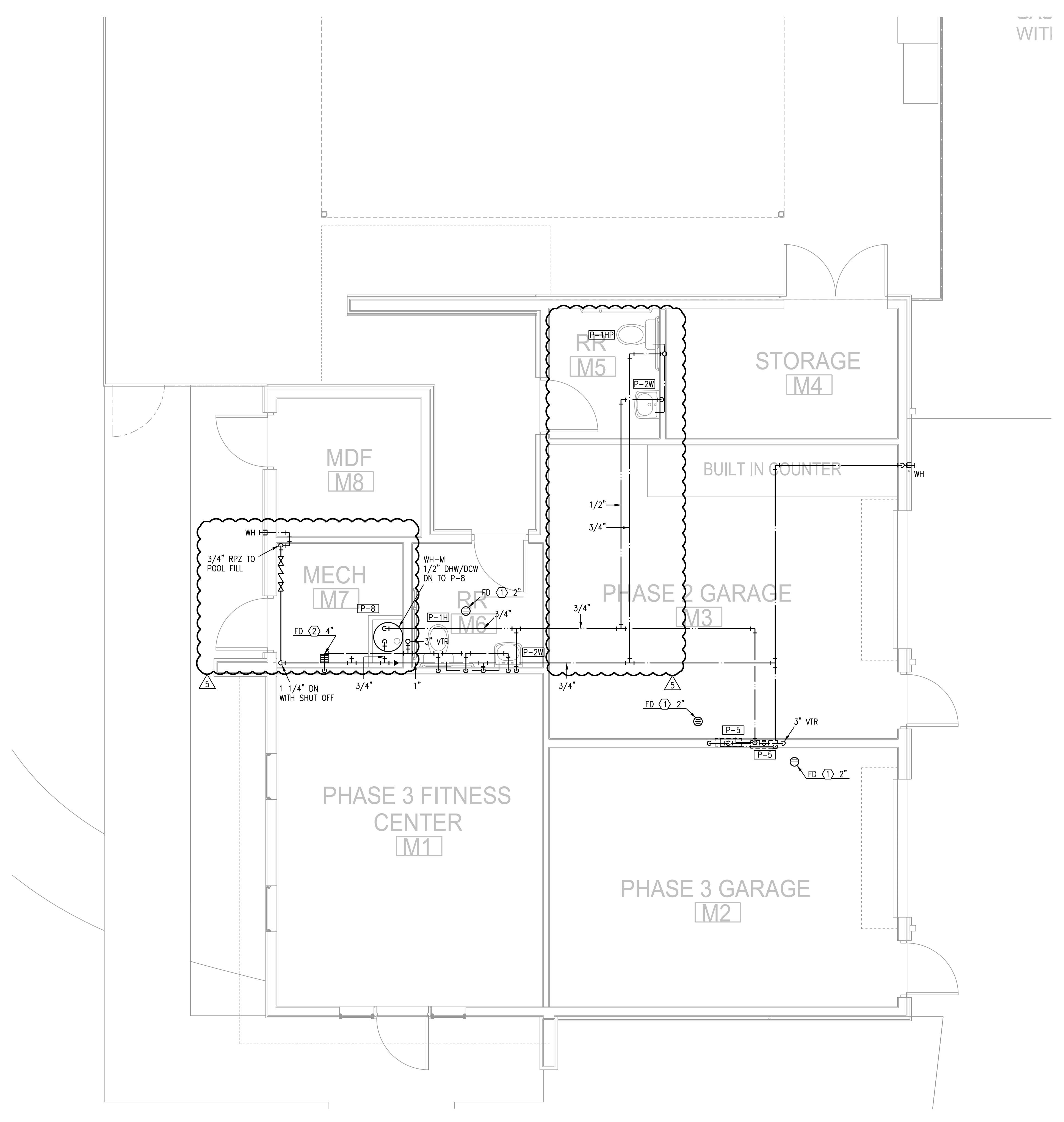

GAS GRILL
WITH TIMER
5
FFCO
RR
M5
3"W.
STORAGE
M4
2" VTR
G
GAS METER – 1000 MBH @ 4OZ
MDF
M8
BUILT IN COUNTER
3"W.
MECH
M7
FD 〈1〉 2"
RR
M6
P-1H
2"W.
P-2W
PHASE 2 GARAGE
M3
1 1/4" DCW
TO BDLG 2
FD 〈2〉 4"
P-8
4"W.
2"W.
4"
FGCO
FD 〈1〉 2"
2"W.
2"V.
P-5
2"V.
2"W.
FD 〈1〉 2"
PHASE 3 FITNESS
CENTER
M1
PHASE 3 GARAGE
M2
FGCO
4"W.

① MAINTENANCE BLDG FLOOR PLAN
1/4"=1'-0"
BELOW-GRADE PLUMBING
NORTH


RR
M5
P-1HP
P-2W
STORAGE
M4
MDF
M8
BUILT IN COUNTER
WH
1/2"
3/4"
WH
3/4" RPZ TO
POOL FILL
MECH
M7
WH-M
1/2" DHW/DCW
DN TO P-8
FD 〈1〉 2"
RR
M6
P-8
P-1H
3/4"
3/4"
PHASE 2 GARAGE
M3
FD 〈2〉 4"
3" VTR
P-2W
5
1 1/4" DN
WITH SHUT OFF
3/4"
1"
3/4"
5
FD 〈1〉 2"
3" VTR
P-5
P-5
FD 〈1〉 2"
PHASE 3 FITNESS
CENTER
M1
PHASE 3 GARAGE
M2

② MAINTENANCE BLDG FLOOR PLAN
1/4"=1'-0"
PLUMBING
NORTH

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MAINTENANCE BLDG - PLUMBING

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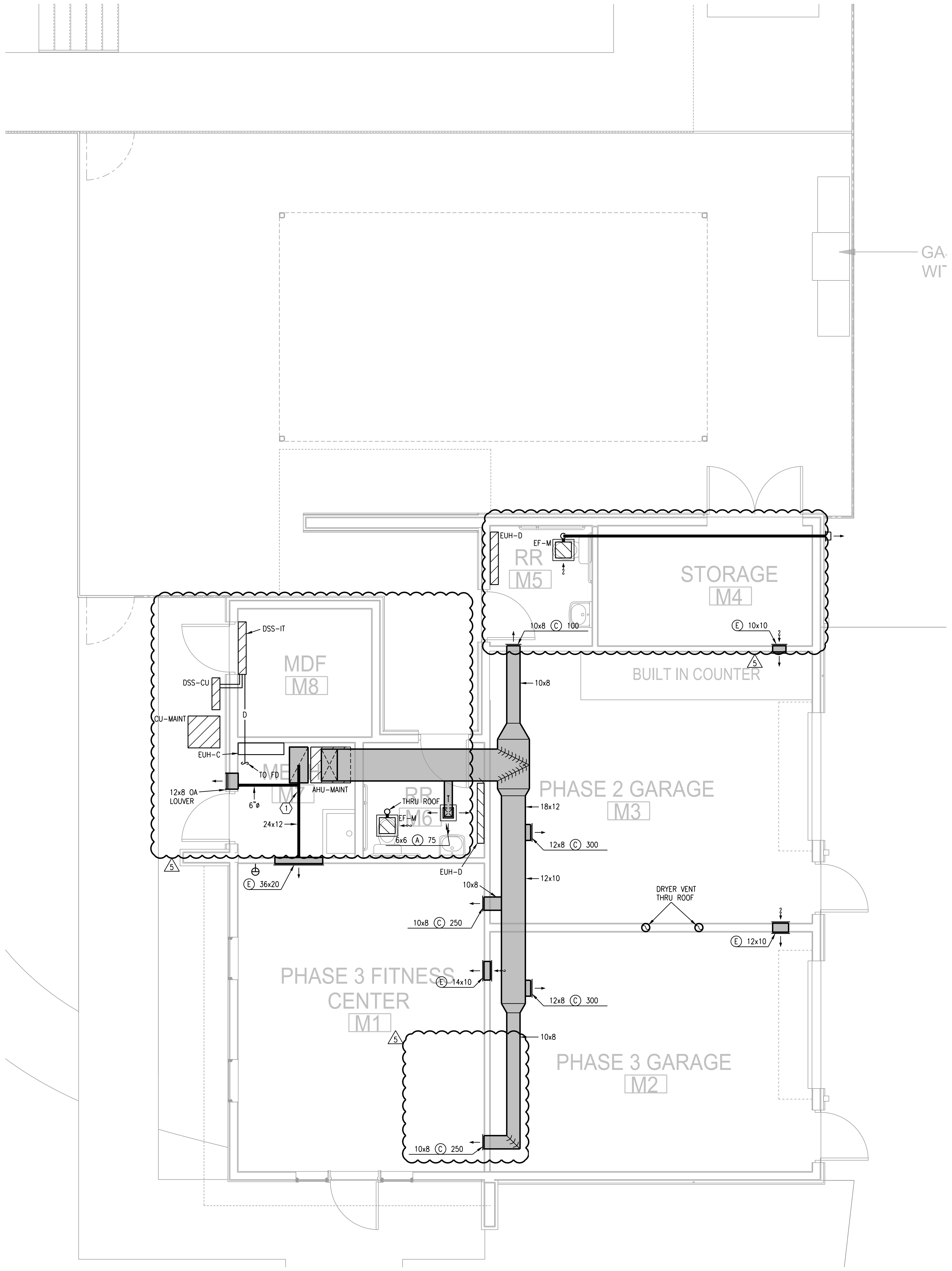
GA
WI
EUH-D
EF-M
RR
M5
STORAGE
M4
10x8 (C) 100
(E) 10x10
5
BUILT IN COUNTER
DSS-IT
MDF
M8
DSS-CU
CU-MAINT
D
EUH-C
TO FD
MECH
M7
12x8 OA LOUVER
6"ø
1
AHU-MAINT
24x12
RR
M6
THRU ROOF
EF-M
6x6 (A) 75
10x8
PHASE 2 GARAGE
M3
18x12
12x8 (C) 300
12x10
EUH-D
(E) 36x20
5
10x8
10x8 (C) 250
DRYER VENT THRU ROOF
(E) 12x10
PHASE 3 FITNESS CENTER
M1
(E) 14x10
12x8 (C) 300
5
10x8
PHASE 3 GARAGE
M2
10x8 (C) 250

① MAINTENANCE BLDG FLOOR PLAN

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

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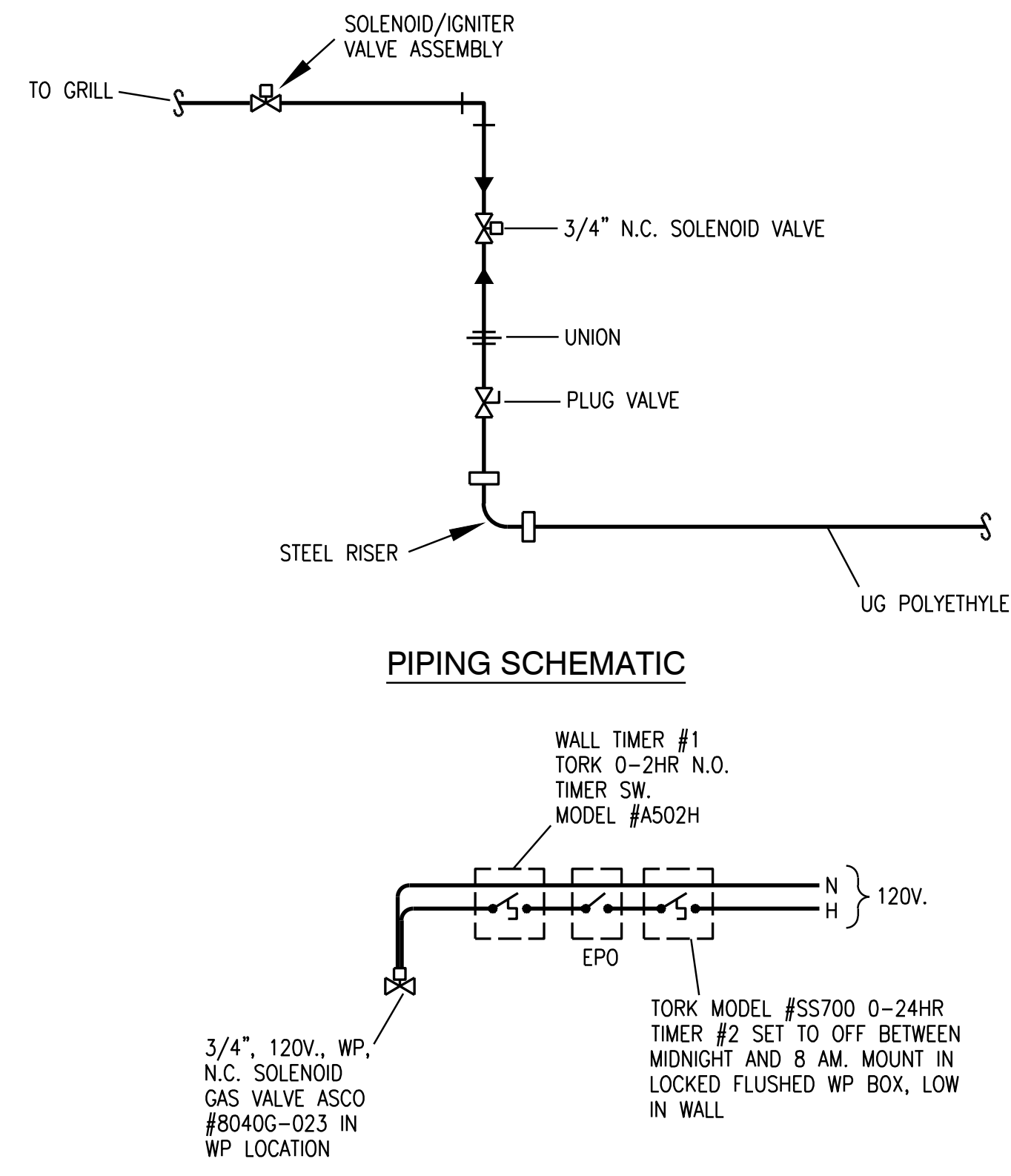
MAINTENANCE BLDG - HVAC

ALL CIRCUITING SHALL BE (2) #12 & (1) #12 GRD. UNLESS NOTED UNLESS.

$2500 ALLOWANCE FOR LIGHTING AND FANS IN COVERED SEATING



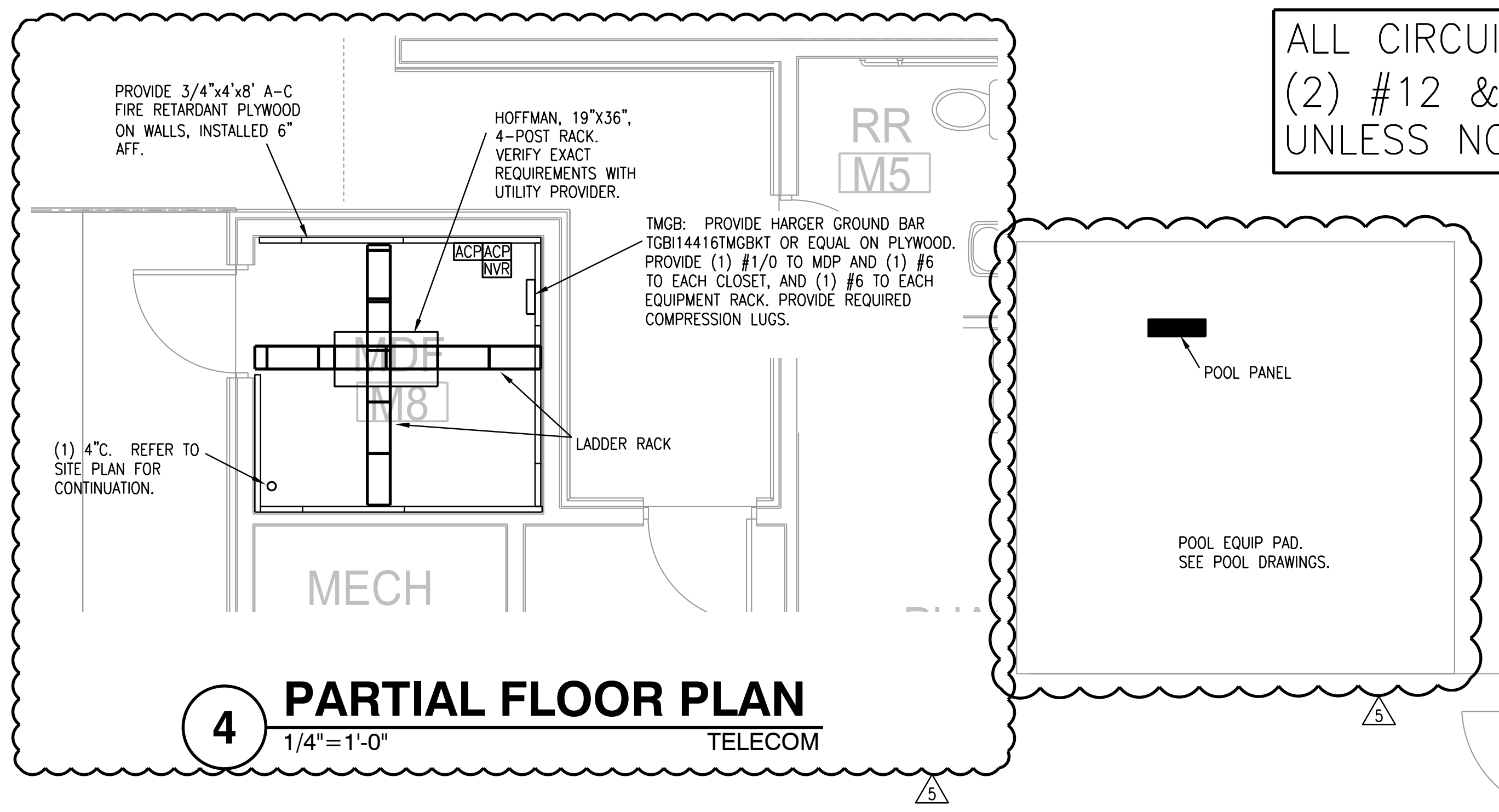
SOLENOID/IGNITER VALVE ASSEMBLY
TO GRILL
3/4" N.C. SOLENOID VALVE
UNION
PLUG VALVE
STEEL RISER
UG POLYETHYLENE
WALL TIMER #1 TORK 0-2HR N.O. TIMER SW. MODEL #A502H
N
H
120V.
EPO
3/4", 120V., WP, N.C. SOLENOID GAS VALVE ASCO #8040G-023 IN WP LOCATION
TORK MODEL #SS700 0-24HR TIMER #2 SET TO OFF BETWEEN MIDNIGHT AND 8 AM. MOUNT IN LOCKED FLUSHED WP BOX, LOW IN WALL

PIPING SCHEMATIC

CONTROL SCHEMATIC

3 GAS CONTROL DETAIL

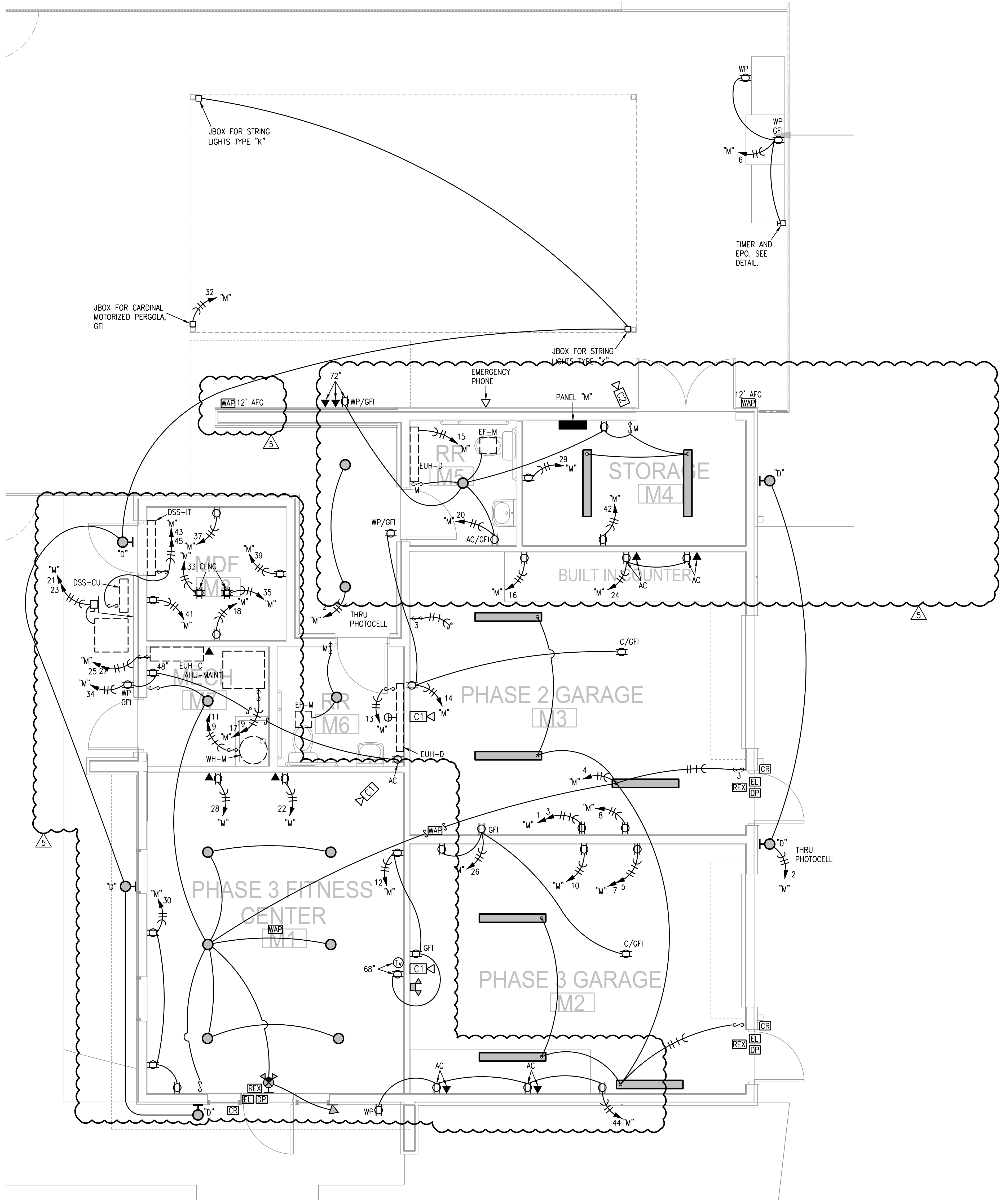
NO SCALE (GRILL)



PROVIDE 3/4"x4'x8' A-C FIRE RETARDANT PLYWOOD ON WALLS, INSTALLED 6" AFF.
HOFFMAN, 19"X36", 4-POST RACK. VERIFY EXACT REQUIREMENTS WITH UTILITY PROVIDER.
TMGB: PROVIDE HARGER GROUND BAR TGBI14416TMGBKT OR EQUAL ON PLYWOOD. PROVIDE (1) #1/0 TO MDP AND (1) #6 TO EACH CLOSET, AND (1) #6 TO EACH EQUIPMENT RACK. PROVIDE REQUIRED COMPRESSION LUGS.
ACP
ACP
NVR
MDF
M8
RR
M5
(1) 4"C. REFER TO SITE PLAN FOR CONTINUATION.
LADDER RACK
MECH
POOL PANEL
POOL EQUIP PAD. SEE POOL DRAWINGS.
5
5

4 PARTIAL FLOOR PLAN

1/4"=1'-0" TELECOM

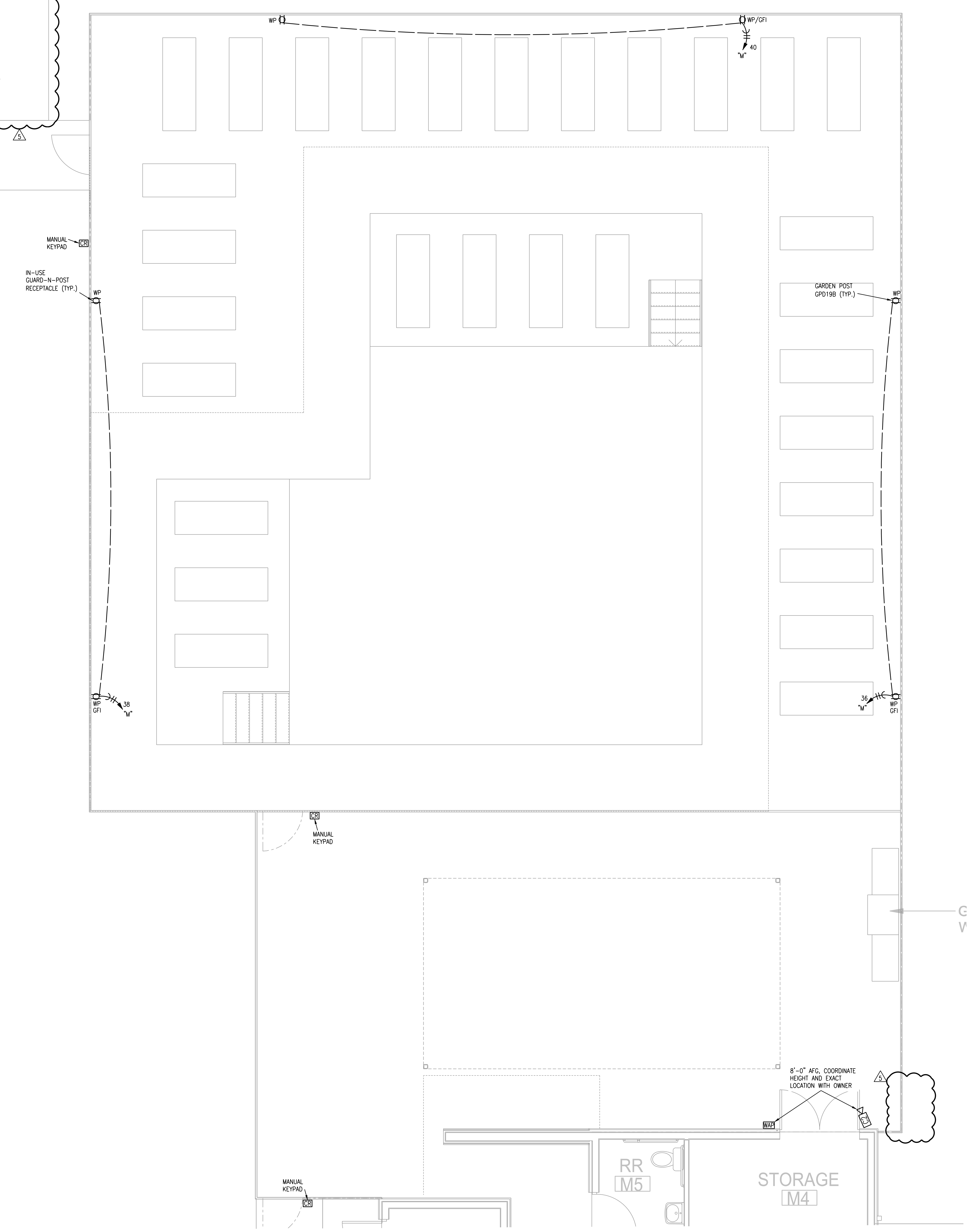


JBOX FOR STRING LIGHTS TYPE "K"
JBOX FOR CARDINAL MOTORIZED PERGOLA, GFI
JBOX FOR STRING LIGHTS TYPE "K"
WP
WP GFI
TIMER AND EPO. SEE DETAIL.
EMERGENCY PHONE
PANEL "M"
72"
WP/GFI
WAP 12' AFG
12' AFG WAP
C2
RR
M5
EF-M
EUH-D
STORAGE
M4
BUILT IN COUNTER
AC
AC/GFI
WP/GFI
THRU PHOTOCELL
DSS-IT
DSS-CU
MDF
M8
CLNG
MECH
M7
EUH-C
AHU-MAINT
48"
WH-M
RR
M6
EF-M
EUH-D
C1
PHASE 2 GARAGE
M3
C/GFI
PHASE 3 FITNESS CENTER
M1
WAP
68"
TV
GFI
PHASE 3 GARAGE
M2
C/GFI
"D"
THRU PHOTOCELL
CR
EL
REX
DP
WP
44 "M"
5
5

1 MAINTENANCE BLDG FLOOR PLAN

1/4"=1'-0" ELECTRICAL

NORTH



WP
WP/GFI
40
"M"
MANUAL KEYPAD
CR
IN-USE GUARD-N-POST RECEPTACLE (TYP.)
WP
GARDEN POST GPD19B (TYP.)
WP
WP GFI
38
"M"
36
"M"
MANUAL KEYPAD
8'-0" AFG, COORDINATE HEIGHT AND EXACT LOCATION WITH OWNER
WAP
RR
M5
STORAGE
M4
5

2 MAINTENANCE BLDG FLOOR PLAN

1/4"=1'-0" ELECTRICAL

NORTH

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RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
05/23/2022

RICHARD R. BEARDMORE
5-12-22

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	STRUCTURAL
CIVIL ENGINEER	CIVIL
GENERAL CONTRACTOR	GENERAL CONTRACTOR
MECHANICAL ENGINEER	ENGINEER
PLUMBING ENGINEER	PLUMBING
ELECTRICAL ENGINEER	ELECTRICAL

Tegethoff
DEVELOPMENT

The Signature at West Pryor

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DATE: 7.15.2021

REVISIONS #

1	PERMIT REVIEW COMMENTS	08-17-21
2	FDP COMMENTS	09-28-21
3	REVISION 1	02-11-22
4	REVISION 2	03-01-22
5	REVISION 3	05-12-22

DWG BY CAD/RRB

TR,i PROJECT NO. 20-001

SHEET NO.

ME203

MAINTENANCE BLDG - ELECTRICAL

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Development Services Department
Lee's Summit, Missouri
05/23/2022

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
TYP APT	A.O. SMITH	ECLN-40	ELEC	208/1/19	4.5 KW	0.95	38	23	N/A			1, 2, 3
WH-2/1, 2/2, 2/3, 2/4, 1/1, 1/2, 1/3, 1/4	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-M	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

ELECTRIC UNIT HEATER SCHEDULE

						ELECTRICAL				
MARK	MFGR	MODEL	KW	MBH	CFM	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 - C	BERKO	SRC-1512	1.5	5.1	65	120/1	12	20	(3) #12	CEILING, 1, 4, 6
EUH - D	BERKO	2513W	0.75	2.3		120/1	8.3	20	(3) #12	FLOOR, 1, 4

NOTES:
1-SURFACE MOUNTED
2-SEMI-RECESSED
3-FULLY RECESSED
4-DISCONNECT
5-INTEGRAL T'STAT

5

PUMP SCHEDULE

MARK	MFGR	MODEL	TYPE	MEDIUM	GPM	FT. HEAD	SUMP	HP	ELEC	NOTES
ELEV SUMP	ZOELLER	152	SUBMERSIBLE	WATER	50	15	2' X 2' DEEP	1.5	120/1	1, 2, 3

NOTES
1. PLUG IN FLOAT CONTROL WITH 20 FT CORD, HIGH OIL SENSING, HIGH WATER LIGHTS/HORN CONTROL PANEL
2. PROVIDE WITH SIMPLEX #940-0005 SWITCH AND CONTROL PANEL WITH PIGGYBACK CORD, ADJUSTABLE SETPOINTS.
3. PUMP MUST PROVIDE 50 GPM AT 15 FEET OF HEAD

DRAIN SCHEDULE

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

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

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 VO	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.	

FAN SCHEDULE

						ELECTRICAL				
MARK	MFGR	MODEL	CFM	ESP	FAN HP	VOLTS/ PH	FLA	OCP	WIRING	CONFIGURATION - NOTES
APT EF	AIR KING	FRAK80H	80	0.1	Fr.	120/1	1	15	(3) #12	ceiling, 1
EF-1/1 - 1/4, 2/1 - 2/3, M1, M2	AIR KING	FRAK80	80	0.1	Fr.	120/1	1	15	(3) #12	ceiling, 1

NOTES: 1-CEILING GRILLE, CRD, DS, WALL/ROOF CAP

HVAC SYSTEM SCHEDULE

			AHU/RTU											OUTDOOR UNIT					
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
UNITS																				
A1, A2, A4	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	
A3, A5, B1, B2, B3, B4	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	
C1, C2	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 - 1/11, 2/1, 2/2, 2/4 - 2/10	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	
1/3, 1/2	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	
2/2, 2/3	GOODMAN	4	ARUF47D14	1400-1600	250	0.4	0.5	32	45	11.4 KW	208/1	57	70	GOODMAN	GSX14-0481	208/1	21.2	45	14.0	
MAINT	GOODMAN	4	ARUF47D14	1500	100	0.4	0.5	32	45	11.4 KW	208/1	57	70	GOODMAN	GSX14-0481	208/1	21.2	45	14.0	
DSS-1/1 - 1/5, 2/1 - 2/5	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-1/6, IT	FUJITSU	1 1/2	AUU18RLFCC	400					18	21 MBH	208-240/1	W/HP		FUJITSU	AOU18RLFC	208-240/1	7.7	20	20	WALL STAT, LOW AMB

NOTE: PROVIDE LONG LINE ACCESSORY KIT ON ALL SPLIT SYSTEMS THAT EXCEED MFGR'S LIMITS

5

PLUMBING FIXTURE SCHEDULE

Mark	Item	Model	Description	Individual Connections				Accessories					
				W	V	CW	HW	Supplies	Stops	Carrier	P-Trap	Drain	Other
P-1	Water Closet, Tank Type	ProFlo #PF1401T	Floor-mounted standard 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 stainle	3" or 4"	2"	1"		2					
P-1H	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 st	3" or 4"	2"	1"		2					
P-2	Lavatory, Countertop	ProFlo #PF20174 with Pfister #LF-49-PEGS	20" x 17" oval vitreous china countertop lavatory with overflow. Faucet is 4" o.c. single lever ADA handle, copper waterways, chrome finish, 1.2 GPM, metal pop-up.	2"	1 1/2" or 2"	1/2"	1/2"	2	1		1	1	1 ON ACCESSIBLE UNITS
P-2W	Lavatory, Wall hung	Proflo #PF5511WH with Pfister #LF-049-PEB	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	Aquatic Bath 260030 with Pfister 8P8-PESGS	60" x 36" x 15" tall non-slip basin and tub overflow and turn and lift stop with finish to match faucet. Pressure-balanced single handle Brushed nickel valve, 2.5 gpm showerhead, tub spout with pull-up diverter. Provide future grab bar blocking. Water	2"	2"	1/2"	1/2"				2, 4		
P-3S	Shower	Aquatic Bath 3636CPANNS with Pfister LG89-7FEK	36" x 36" white fiberglass reinforced plastic/acrylic non-slip basin with surround, soap dishes. Pressure-balanced single handle valve, 2.5 gpm brushed nickel showerhead, drain to match.	2"	2"	1/2"	1/2"				2		
P-3SH	ADA Shower	Freedom Showers 38 1/2" x 37 1/2" with Pfister LG16-3RHK	ADA 38 1/2" x 37 1/2"white fiberglass reinforced plastic/acrylic non-slip basin with surround, soap dishes. Pressure-balanced single handle valve, 2.5 gpm brushed nickel showerhead, drain to match.	2"	2"	1/2"	1/2"				2		
P-4	Kitchen Sink	ProFlo #PFUC206 with Pfister #LG529-NES	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	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-4C	Kitchen Sink	ProFlo #PFUC206 with PFISTER #LG529-NEB	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-5	Washer Box	Guy Gray #WB200HATM	Recessed non-metallic with dual PVC/ABS 2" outlets, two angle quarter turn stops with built-in shock absorbers.	2"	2"	1/2"	1/2"	1			3		
P-6	Water Outlet Box	Guy Gray #BIM877QTS	Recessed non-metallic with two angle quarter turn stops.			1/2"		1					
P-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		

Supplies
1 - Flexible braided stainless steel
2 - Flexible braided compression hose.
3 - Zurn #ZER6003-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.

Other
1 - Provide trap and supply guard if exposed.
2 - Provide mop bracket, hose bracket, SS wall guards

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5-12-22

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1 PERMIT REVIEW COMMENTS 08-17-21
5 REVISION 3 05-12-22

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DWG BY CAD/RRB
TR,i PROJECT NO. 20-001
SHEET NO.
MP104
MECHANICAL SCHEDULES

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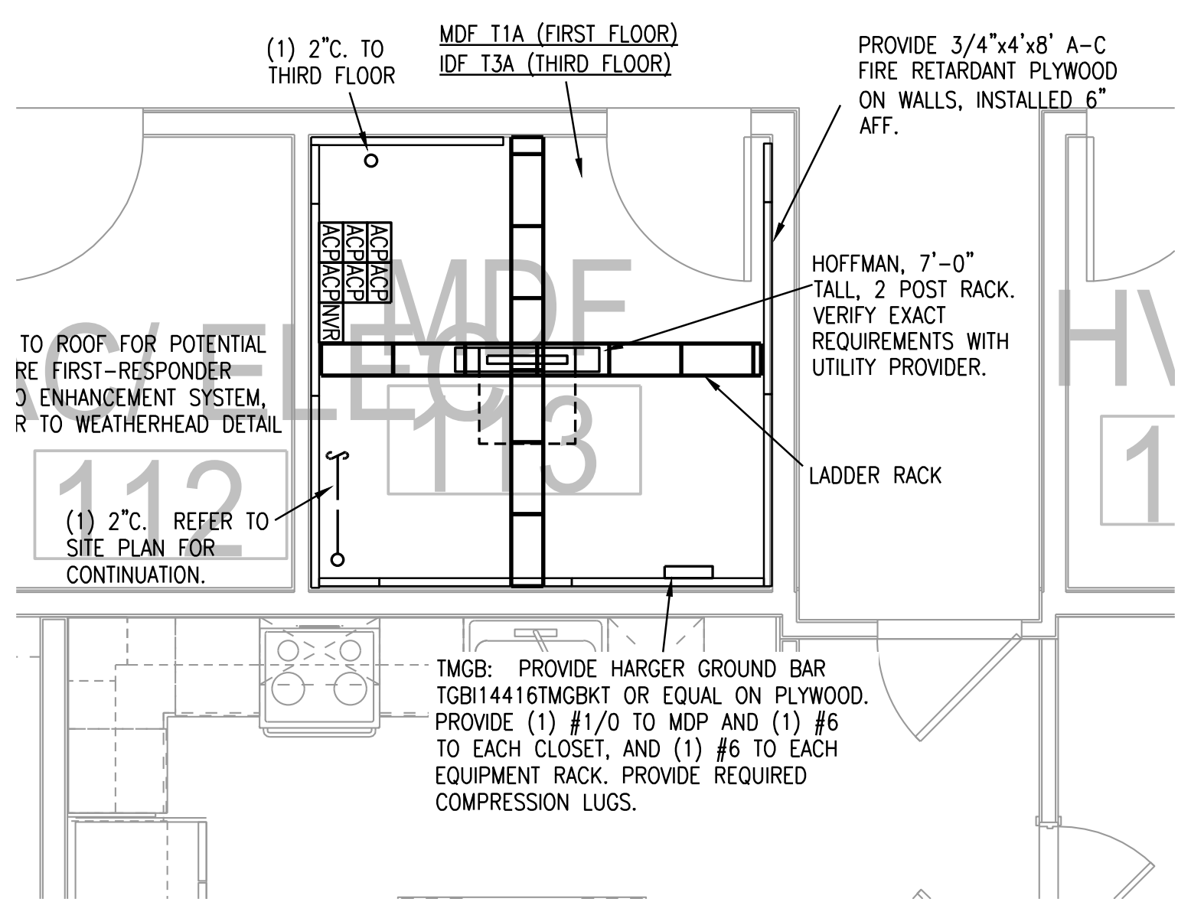
Lee's Summit, Missouri
05/23/2022

LEGEND:

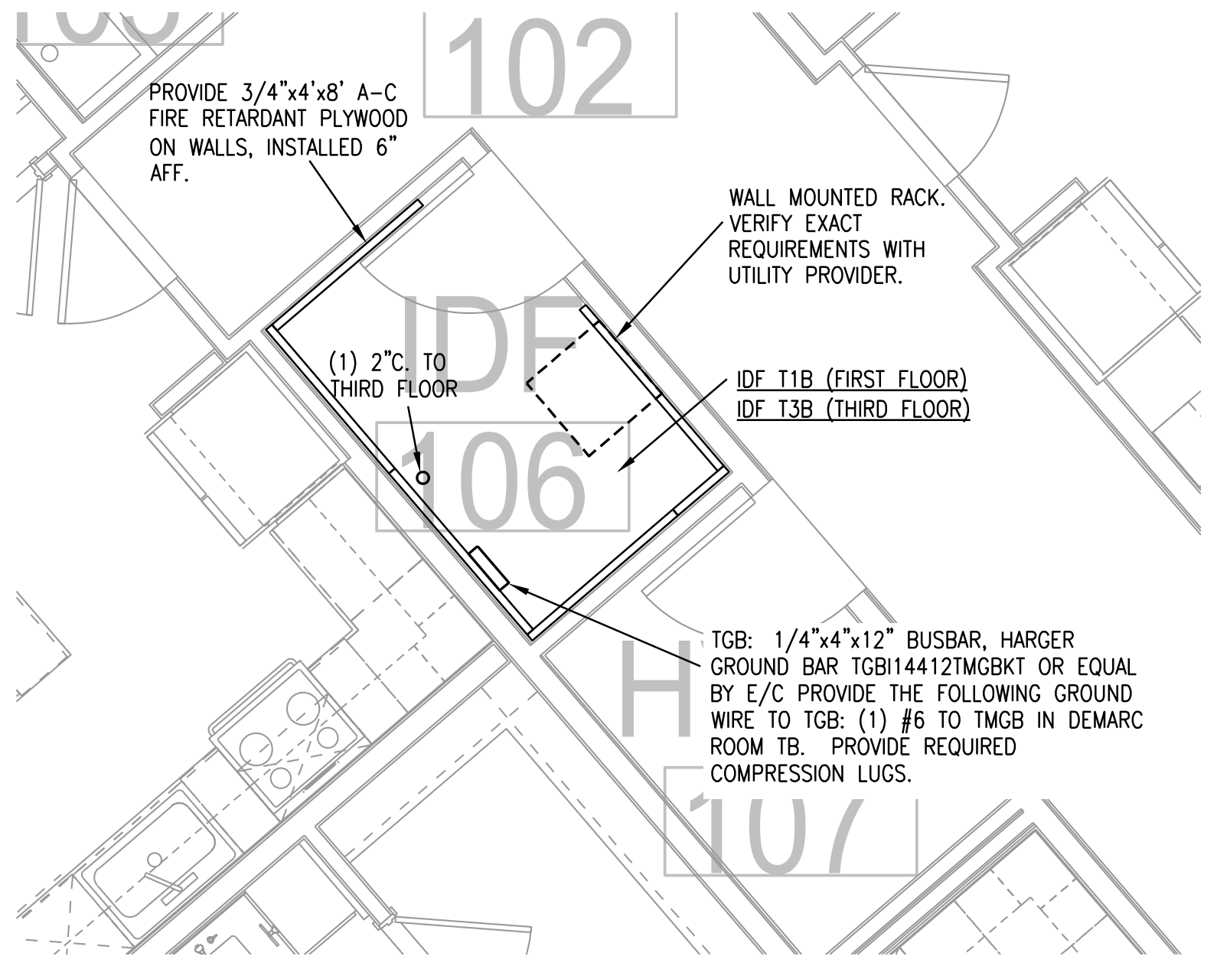
① (1) 2" EMT CONDUIT BY E/C

NOTES:

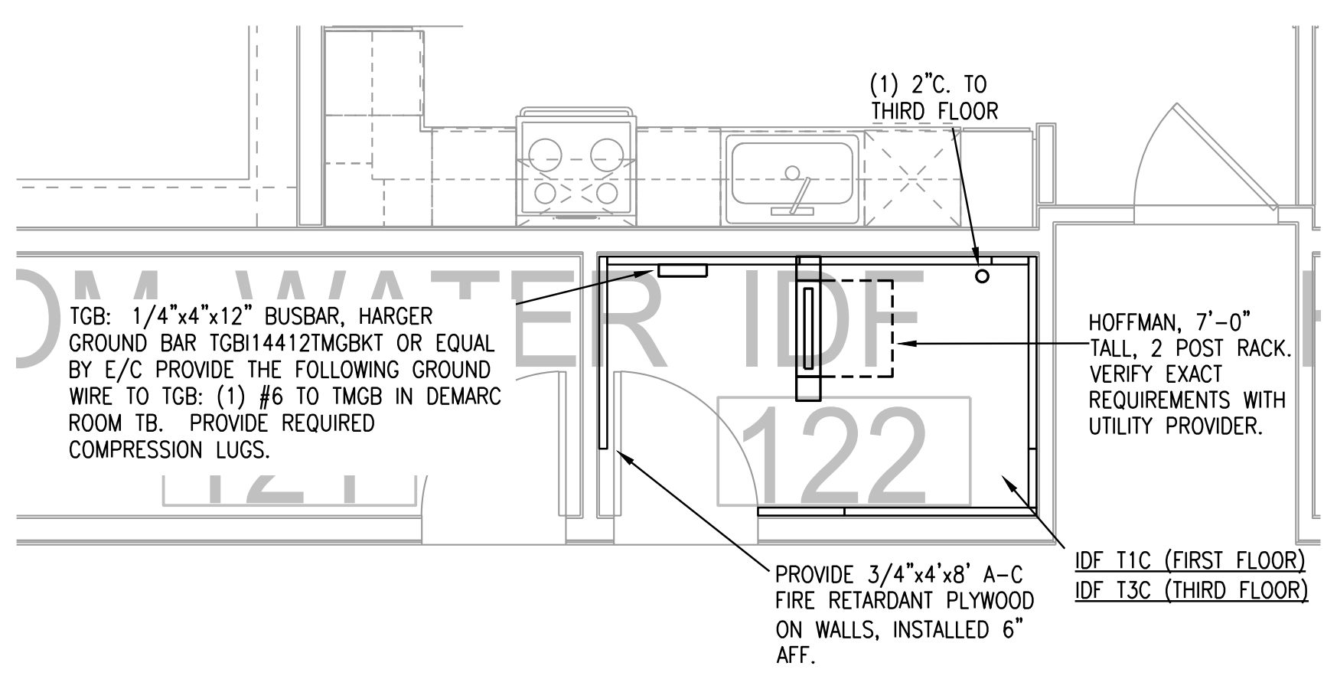
1. ROUTE ALL CABLING FOR CARD READERS AND CAMERAS TO MDF T1A.


(1) 2"C. TO THIRD FLOOR
MDF T1A (FIRST FLOOR)
IDF T3A (THIRD FLOOR)
PROVIDE 3/4"x4'x8' A-C FIRE RETARDANT PLYWOOD ON WALLS, INSTALLED 6" AFF.
ACP
NVR
HOFFMAN, 7'-0" TALL, 2 POST RACK. VERIFY EXACT REQUIREMENTS WITH UTILITY PROVIDER.
TO ROOF FOR POTENTIAL RE FIRST-RESPONDER ENHANCEMENT SYSTEM, R TO WEATHERHEAD DETAIL
LADDER RACK
(1) 2"C. REFER TO SITE PLAN FOR CONTINUATION.
TMGB: PROVIDE HARGER GROUND BAR TGBI14416TMGBKT OR EQUAL ON PLYWOOD. PROVIDE (1) #1/0 TO MDP AND (1) #6 TO EACH CLOSET, AND (1) #6 TO EACH EQUIPMENT RACK. PROVIDE REQUIRED COMPRESSION LUGS.
MDF
113
112
NORTH

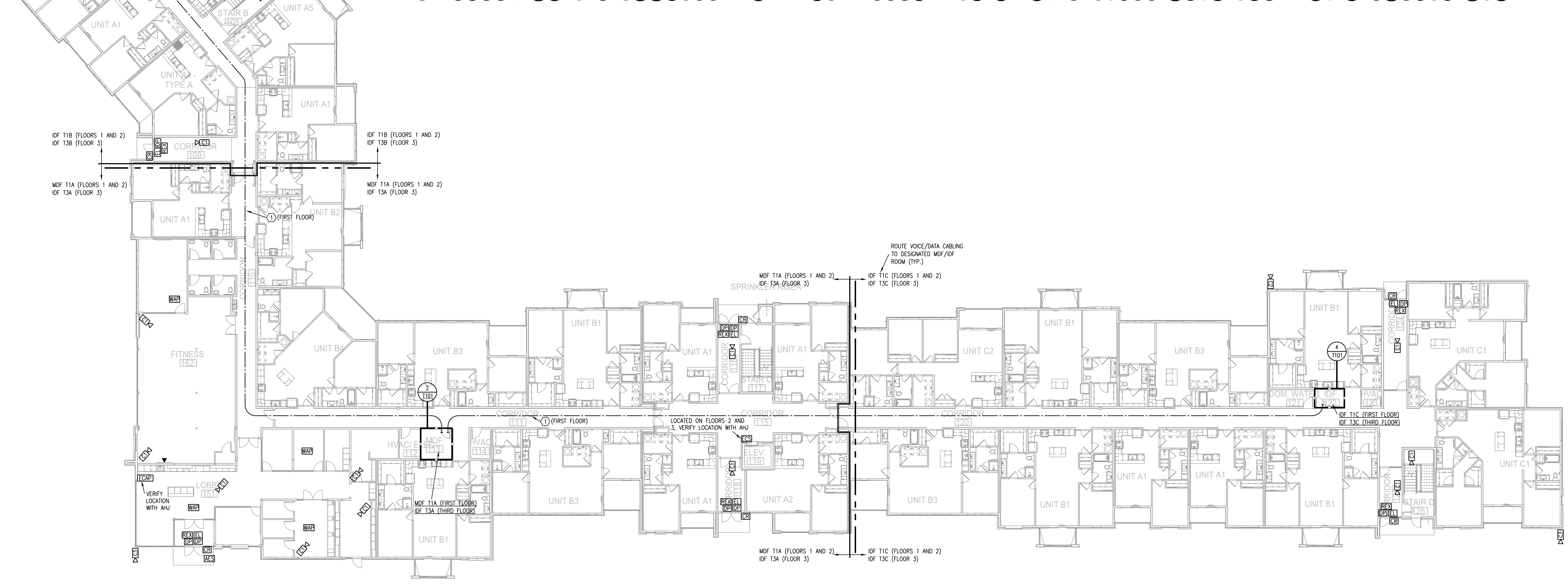
2 PARTIAL FLOOR PLAN
1/4"=1'-0" TELECOM


102
PROVIDE 3/4"x4'x8' A-C FIRE RETARDANT PLYWOOD ON WALLS, INSTALLED 6" AFF.
WALL MOUNTED RACK. VERIFY EXACT REQUIREMENTS WITH UTILITY PROVIDER.
(1) 2"C. TO THIRD FLOOR
IDF T1B (FIRST FLOOR)
IDF T3B (THIRD FLOOR)
IDF
106
TGB: 1/4"x4"x12" BUSBAR, HARGER GROUND BAR TGBI14412TMGBKT OR EQUAL BY E/C PROVIDE THE FOLLOWING GROUND WIRE TO TGB: (1) #6 TO TMGB IN DEMARC ROOM TB. PROVIDE REQUIRED COMPRESSION LUGS.
107
NORTH

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


(1) 2"C. TO THIRD FLOOR
TGB: 1/4"x4"x12" BUSBAR, HARGER GROUND BAR TGBI14412TMGBKT OR EQUAL BY E/C PROVIDE THE FOLLOWING GROUND WIRE TO TGB: (1) #6 TO TMGB IN DEMARC ROOM TB. PROVIDE REQUIRED COMPRESSION LUGS.
WATER
IDF
122
HOFFMAN, 7'-0" TALL, 2 POST RACK. VERIFY EXACT REQUIREMENTS WITH UTILITY PROVIDER.
PROVIDE 3/4"x4'x8' A-C FIRE RETARDANT PLYWOOD ON WALLS, INSTALLED 6" AFF.
IDF T1C (FIRST FLOOR)
IDF T3C (THIRD FLOOR)
NORTH

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


UNIT C1
UNIT A1
UNIT A5
UNIT A4 - TYPE A
3 T101
IDF T1B (FIRST FLOOR)
IDF T3B (THIRD FLOOR)
STAIR B
CORRIDOR 109
IDF T1B (FLOORS 1 AND 2)
IDF T3B (FLOOR 3)
MDF T1A (FLOORS 1 AND 2)
IDF T3A (FLOOR 3)
1 (FIRST FLOOR)
UNIT B2
CORRIDOR 110
FITNESS 162
LOBBY 151
VERIFY LOCATION WITH AHJ
UNIT B4
UNIT B3
UNIT B1
2 T101
HVAC/ ELEC 112
MDF 113
HVAC 114
MDF T1A (FIRST FLOOR)
IDF T3A (THIRD FLOOR)
CORRIDOR 111
1 (FIRST FLOOR)
SPRINKLER RISER
MDF T1A (FLOORS 1 AND 2)
IDF T3A (FLOOR 3)
ROUTE VOICE/DATA CABLING TO DESIGNATED MDF/IDF ROOM (TYP.)
IDF T1C (FLOORS 1 AND 2)
IDF T3C (FLOOR 3)
LOCATED ON FLOORS 2 AND 3, VERIFY LOCATION WITH AHJ
ECS
ELEV. 119
CORRIDOR 115
CORRIDOR 116
STAIR C 117
CORRIDOR 118
UNIT A2
UNIT C2
CORRIDOR 120
4 T101
IDF T1C (FIRST FLOOR)
IDF T3C (THIRD FLOOR)
STAIR D
CR
DP
EL
REX
C1
WAP
NORTH

1 BLDG 1-A, FIRST FLOOR PLAN
1/16"=1'-0" (3RD FLOOR SIM.) TELECOM

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T101
BLDG 1-A, FIRST FLOOR PLAN - TELECOM

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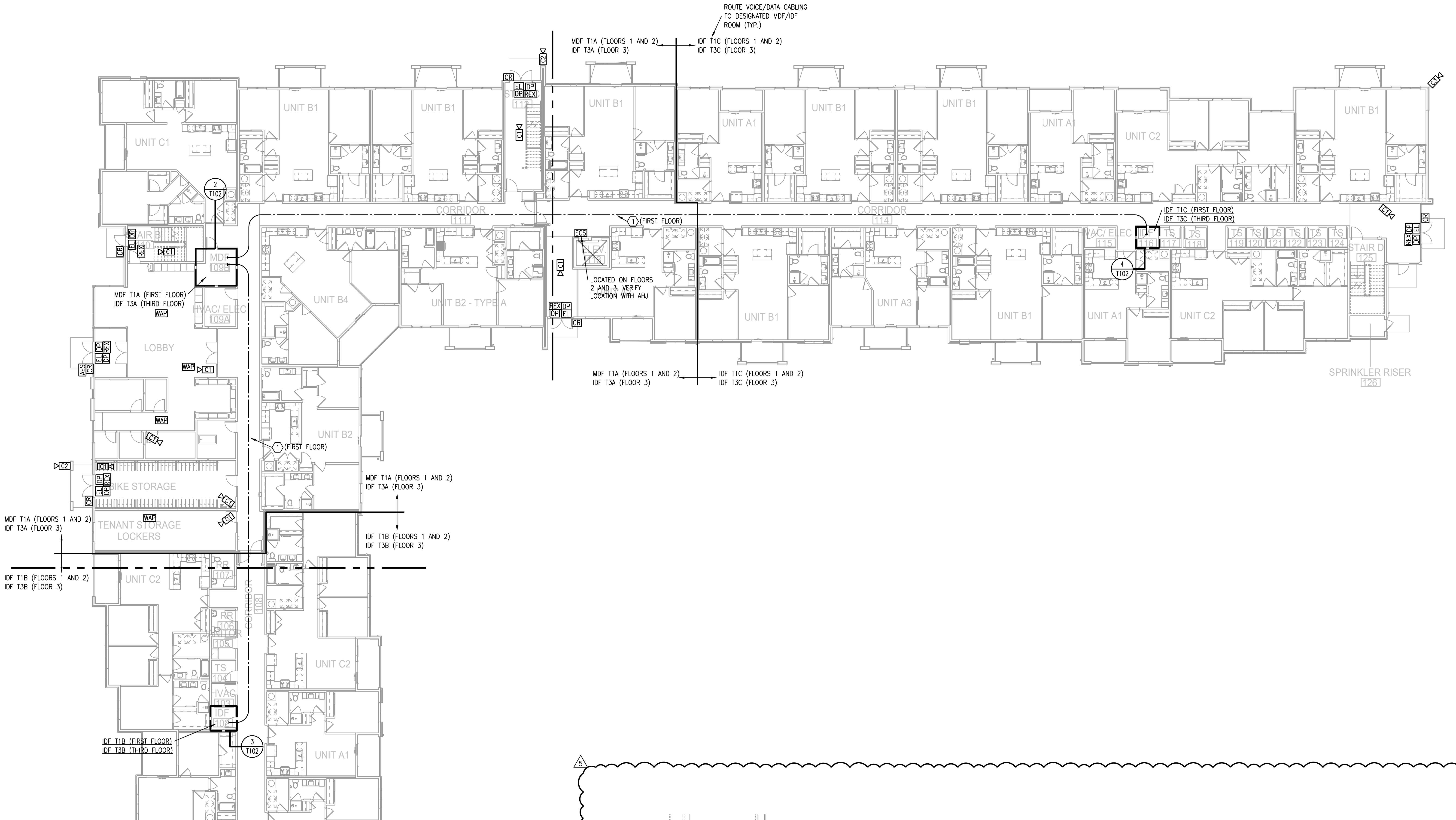
LEGEND:

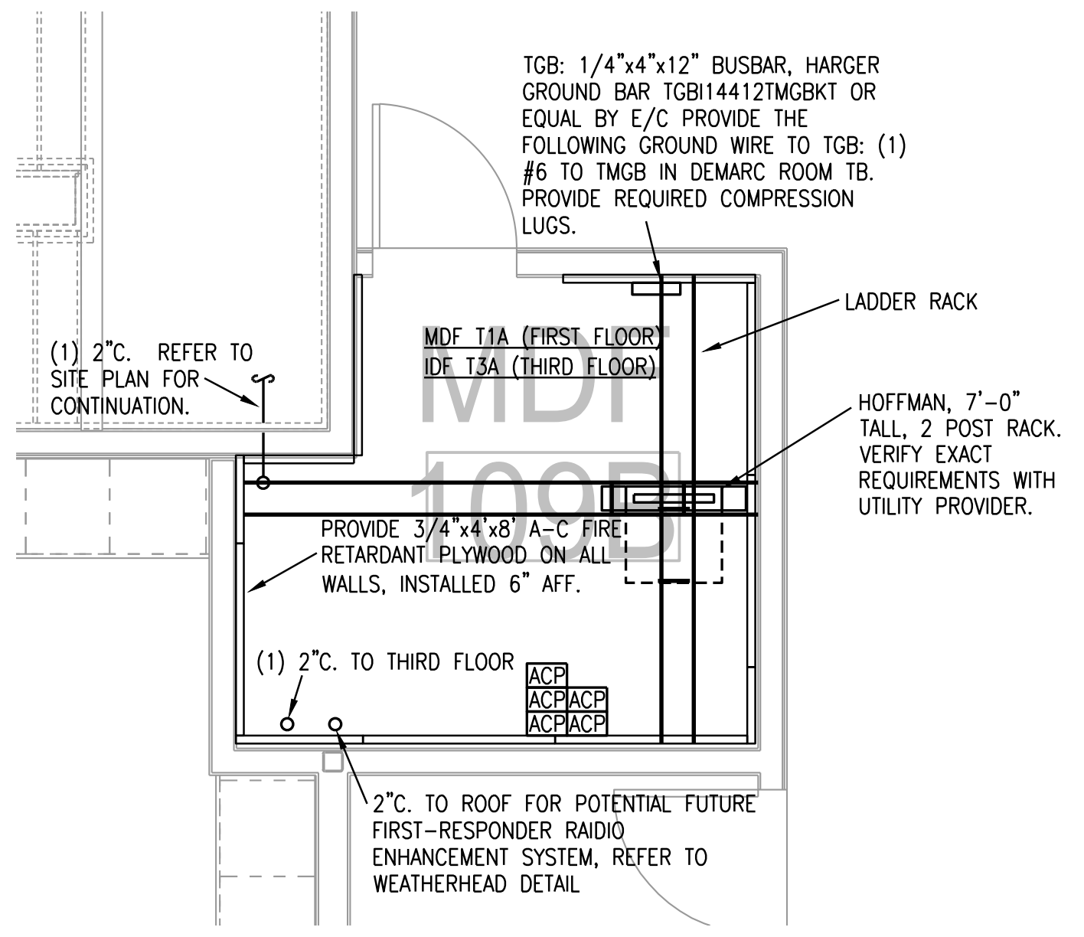
⟨1⟩ (1) 2" EMT CONDUIT BY E/C

NOTES:

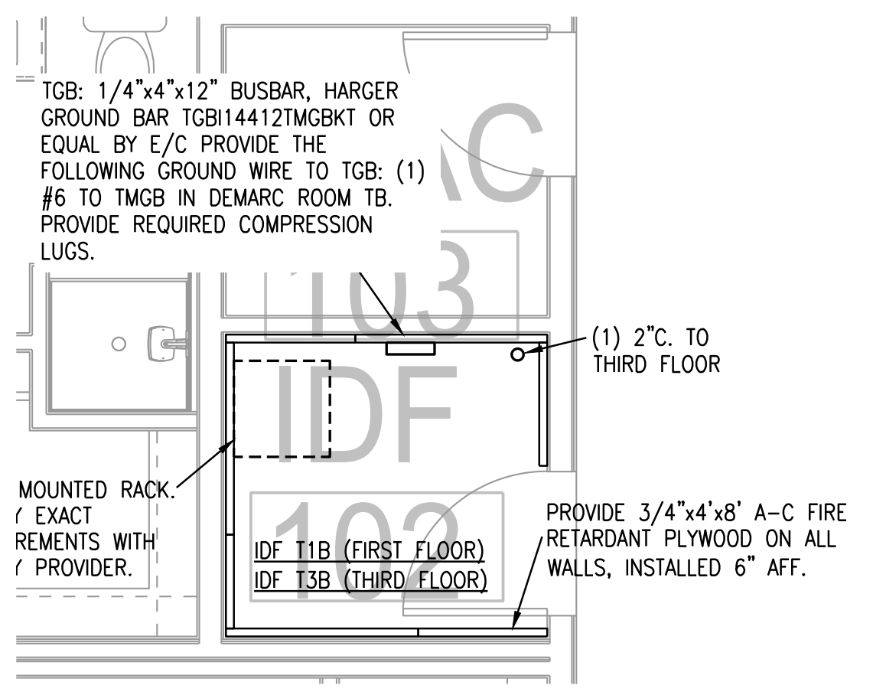
1. ROUTE ALL CABLING FOR CARD READERS AND CAMERAS TO MDF T1A.


ROUTE VOICE/DATA CABLING TO DESIGNATED MDF/IDF ROOM (TYP.)
MDF T1A (FLOORS 1 AND 2) IDF T3A (FLOOR 3)
IDF T1C (FLOORS 1 AND 2) IDF T3C (FLOOR 3)
UNIT B1
UNIT A1
UNIT C2
UNIT C1
UNIT B4
UNIT B2 - TYPE A
UNIT A3
UNIT B2
UNIT B3
CORRIDOR 114
CORRIDOR 108
1 (FIRST FLOOR)
IDF T1C (FIRST FLOOR) IDF T3C (THIRD FLOOR)
4 T102
2 T102
3 T102
LOCATED ON FLOORS 2 AND 3, VERIFY LOCATION WITH AHJ
MDF T1A (FIRST FLOOR) IDF T3A (THIRD FLOOR)
LOBBY
BIKE STORAGE
TENANT STORAGE LOCKERS
IDF T1B (FLOORS 1 AND 2) IDF T3B (FLOOR 3)
IDF T1B (FIRST FLOOR) IDF T3B (THIRD FLOOR)
VERIFY LOCATION WITH AHJ
STAIR A
STAIR D
SPRINKLER RISER
WAP
C1
C2
ECS
CR
DP
EL
REX

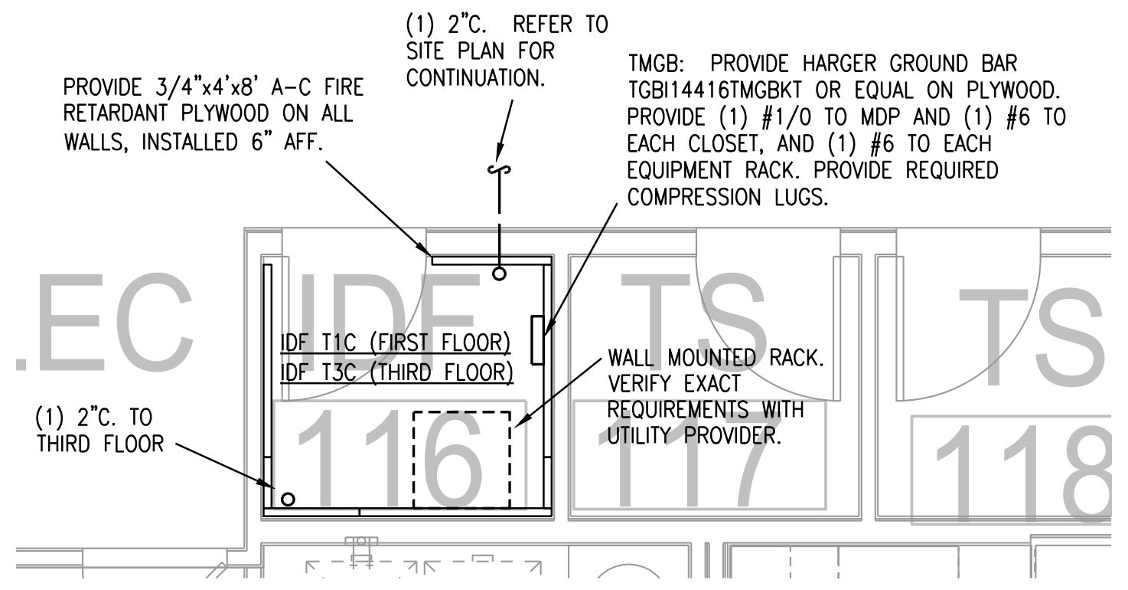
1 **BLDG 2-A, FIRST FLOOR PLAN**
1/16"=1'-0" (THIRD FLOOR SIM.) TELECOM
NORTH


TGB: 1/4"x4"x12" BUSBAR, HARGER GROUND BAR TGBI14412TMGBKT OR EQUAL BY E/C PROVIDE THE FOLLOWING GROUND WIRE TO TGB: (1) #6 TO TMGB IN DEMARC ROOM TB. PROVIDE REQUIRED COMPRESSION LUGS.
LADDER RACK
MDF T1A (FIRST FLOOR)
IDF T3A (THIRD FLOOR)
(1) 2"C. REFER TO SITE PLAN FOR CONTINUATION.
HOFFMAN, 7'-0" TALL, 2 POST RACK. VERIFY EXACT REQUIREMENTS WITH UTILITY PROVIDER.
PROVIDE 3/4"x4'x8' A-C FIRE RETARDANT PLYWOOD ON ALL WALLS, INSTALLED 6" AFF.
(1) 2"C. TO THIRD FLOOR
ACP
2"C. TO ROOF FOR POTENTIAL FUTURE FIRST-RESPONDER RAIDIO ENHANCEMENT SYSTEM, REFER TO WEATHERHEAD DETAIL
MDF 109B

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


TGB: 1/4"x4"x12" BUSBAR, HARGER GROUND BAR TGBI14412TMGBKT OR EQUAL BY E/C PROVIDE THE FOLLOWING GROUND WIRE TO TGB: (1) #6 TO TMGB IN DEMARC ROOM TB. PROVIDE REQUIRED COMPRESSION LUGS.
(1) 2"C. TO THIRD FLOOR
MOUNTED RACK. EXACT REMENTS WITH PROVIDER.
IDF T1B (FIRST FLOOR)
IDF T3B (THIRD FLOOR)
PROVIDE 3/4"x4'x8' A-C FIRE RETARDANT PLYWOOD ON ALL WALLS, INSTALLED 6" AFF.
IDF 102

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


(1) 2"C. REFER TO SITE PLAN FOR CONTINUATION.
PROVIDE 3/4"x4'x8' A-C FIRE RETARDANT PLYWOOD ON ALL WALLS, INSTALLED 6" AFF.
TMGB: PROVIDE HARGER GROUND BAR TGBI14416TMGBKT OR EQUAL ON PLYWOOD. PROVIDE (1) #1/0 TO MDP AND (1) #6 TO EACH CLOSET, AND (1) #6 TO EACH EQUIPMENT RACK. PROVIDE REQUIRED COMPRESSION LUGS.
IDF T1C (FIRST FLOOR)
IDF T3C (THIRD FLOOR)
WALL MOUNTED RACK. VERIFY EXACT REQUIREMENTS WITH UTILITY PROVIDER.
(1) 2"C. TO THIRD FLOOR
IDF 116
TS 117
TS 118

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

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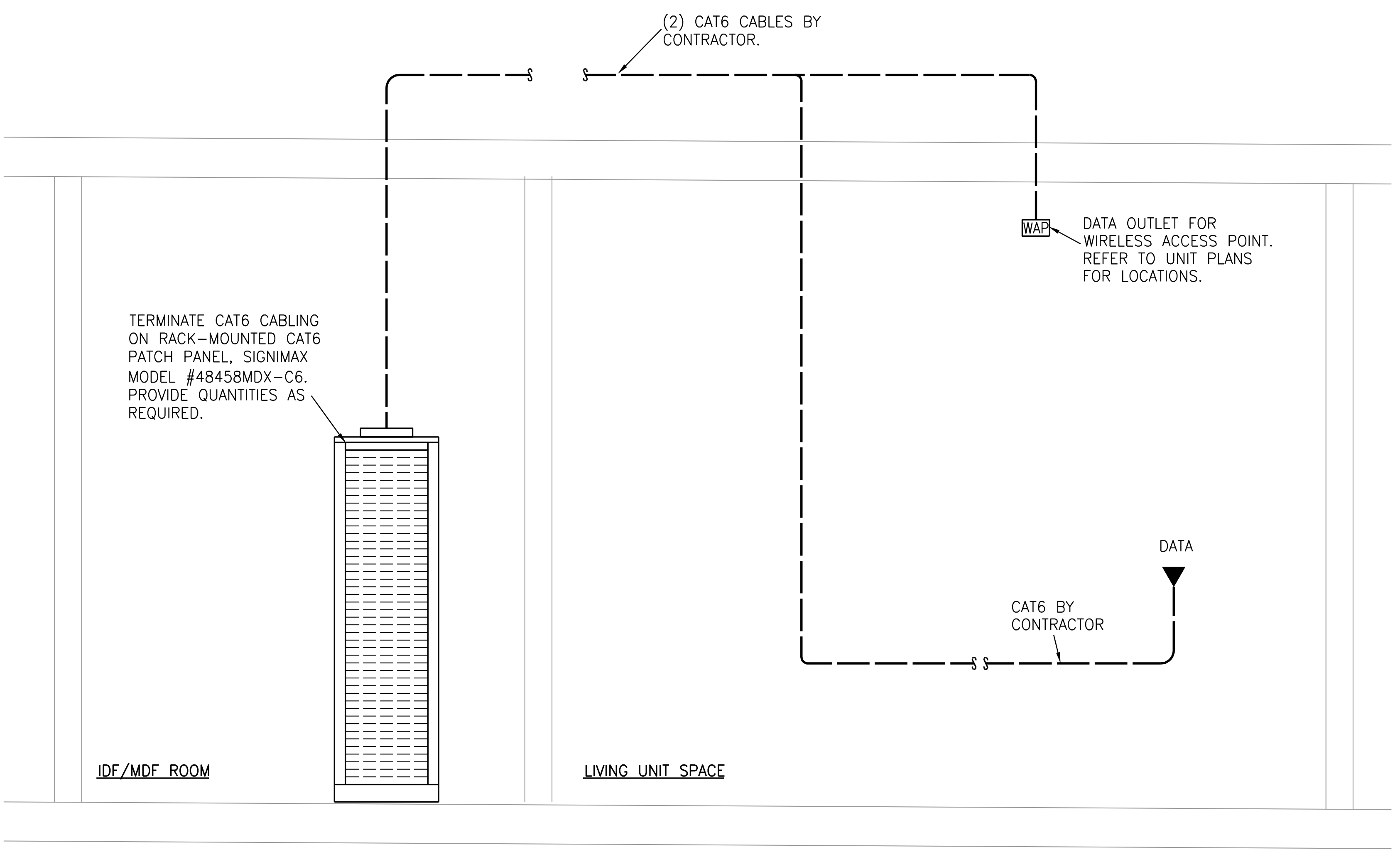
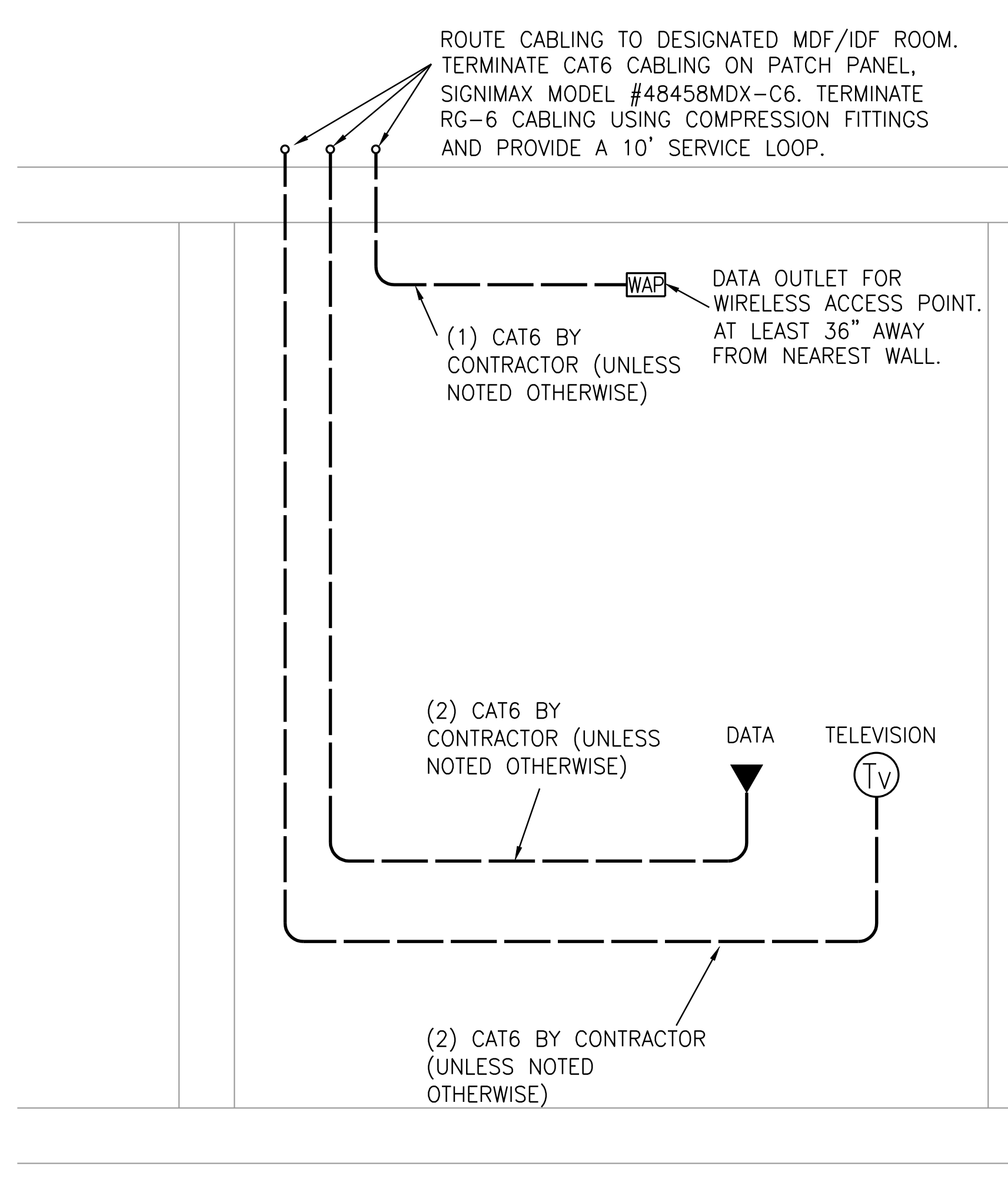
DATE:	7.15.2021
REVISIONS ⟨#⟩	
⟨5⟩ REVISION 3	05-12-22
DWG BY	CAD/RRB
TR,i PROJECT NO.	20-001

SHEET NO.
T102
BLDG 2-A, PARTIAL FIRST FLOOR PLAN - TELECOM

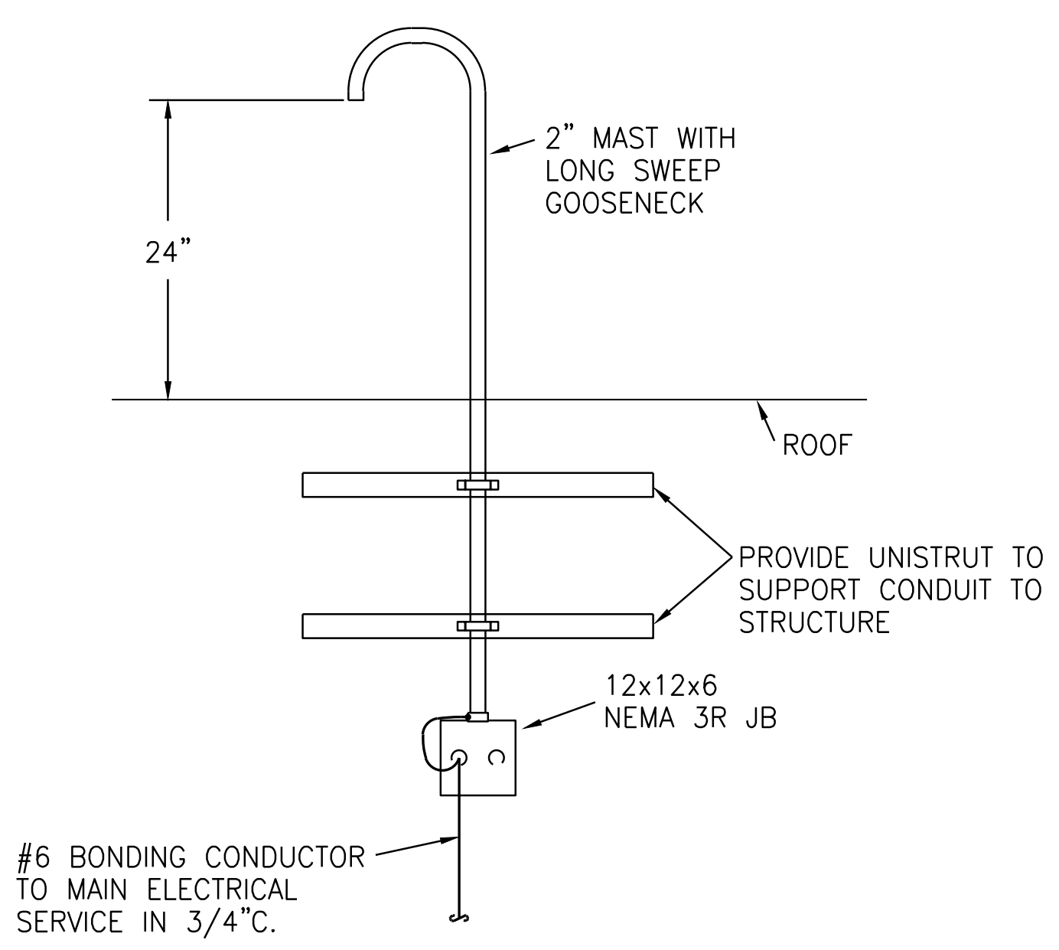
RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
05/23/2022


(2) CAT6 CABLES BY CONTRACTOR.
TERMINATE CAT6 CABLING ON RACK-MOUNTED CAT6 PATCH PANEL, SIGNIMAX MODEL #48458MDX-C6. PROVIDE QUANTITIES AS REQUIRED.
WAP
DATA OUTLET FOR WIRELESS ACCESS POINT. REFER TO UNIT PLANS FOR LOCATIONS.
DATA
CAT6 BY CONTRACTOR
IDF/MDF ROOM
LIVING UNIT SPACE

1 TYPICAL APARTMENT RISER DIAGRAM
NO SCALE


ROUTE CABLING TO DESIGNATED MDF/IDF ROOM. TERMINATE CAT6 CABLING ON PATCH PANEL, SIGNIMAX MODEL #48458MDX-C6. TERMINATE RG-6 CABLING USING COMPRESSION FITTINGS AND PROVIDE A 10' SERVICE LOOP.
WAP
DATA OUTLET FOR WIRELESS ACCESS POINT. AT LEAST 36" AWAY FROM NEAREST WALL.
(1) CAT6 BY CONTRACTOR (UNLESS NOTED OTHERWISE)
(2) CAT6 BY CONTRACTOR (UNLESS NOTED OTHERWISE)
DATA
TELEVISION
TV
(2) CAT6 BY CONTRACTOR (UNLESS NOTED OTHERWISE)

2 TYPICAL COMMON/OFFICE AREA RISER DIAGRAM
NO SCALE


2" MAST WITH LONG SWEEP GOOSENECK
24"
ROOF
PROVIDE UNISTRUT TO SUPPORT CONDUIT TO STRUCTURE
12x12x6 NEMA 3R JB
#6 BONDING CONDUCTOR TO MAIN ELECTRICAL SERVICE IN 3/4"C.

3 WEATHERHEAD DETAIL
NO SCALE

TWO-WAY COMMUNICATION SYSTEM SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	DESCRIPTION	REMARKS
ECAP	CORNELL	A-4800M	EMERGENCY CALL ANNUNCIATOR PANEL	1
ECS	CORNELL	4800V	EMERGENCY CALL STATION	2
PS	CORNELL	B-5248A	POWER SUPPLY	3

REMARKS:
1 - PROVIDE POWER SUPPLIES AS REQUIRED. PROVIDE WITH STI MODEL #STI-7521 NEMA 4X CLEAR ENCLOSURE WITH THUMB LOCK.
2 - PROVIDE WITH DOUBLE GANG BACKBOX AND STI MODEL #STI-7511E CLEAR ENCLOSURE WITH THUMB LOCK.
3 - VERIFY SIZE OF POWER SUPPLY WITH LAYOUT OF THE SYSTEM.

ACCESS CONTROL CABLE SCHEDULE

MARK	MANUFACTURER	MODEL/PART NUMBER	DESCRIPTION	REMARKS
1C 2C 3C 4C	BELDEN	538AFS	INSIDE ACCESS CONTROL CABLE (COMBO CABLE)	1
5C	BELDEN	5302UE	ELECTRIC LOCK CABLE 18 GA 4 COND STRANDED	1, 2
6C	CSC	759218	OUTSIDE ACCESS CONTROL CABLE (COMBO CABLE)	1

REMARKS:
1 - PROVIDED AND INSTALLED BY E/C.
2 - E/C TO ROUTE CABLE FROM DEVICE AND LEAVE A 8'-0" SERVICE LOOP AT THE BURGLAR ALARM PANEL. PROVIDE A 24" SERVICE LOOP AT DEVICE. PROVIDE A MECHANICALLY PRINTED LABEL ON EACH END OF EACH CABLE FOR REFERENCE.
3 - PROVIDED AS A PART OF THE DOOR HARDWARE PACKAGE.

ACCESS CONTROL LEGEND

ACP	ACCESS CONTROL PANEL
CR	HID CARD READER
REX	REQUEST TO EXIT *
DP	DOOR POSITION SWITCH *
EL	ELECTRIC LOCK (24V DC.) *
PS	POWER SUPPLY (24V DC.) *
ADA	ADA PUSH BUTTON *
DADA	DUAL ADA PUSH BUTTON *
ADAM	ADA MOTORIZED OPERATOR *
AIMS	AUDIO INTERCOM MASTER STATION
AIC	AUDIO INTERCOM
DPP	DOUBLE THROW, DOUBLE POLE DOOR POSITION SWITCH *

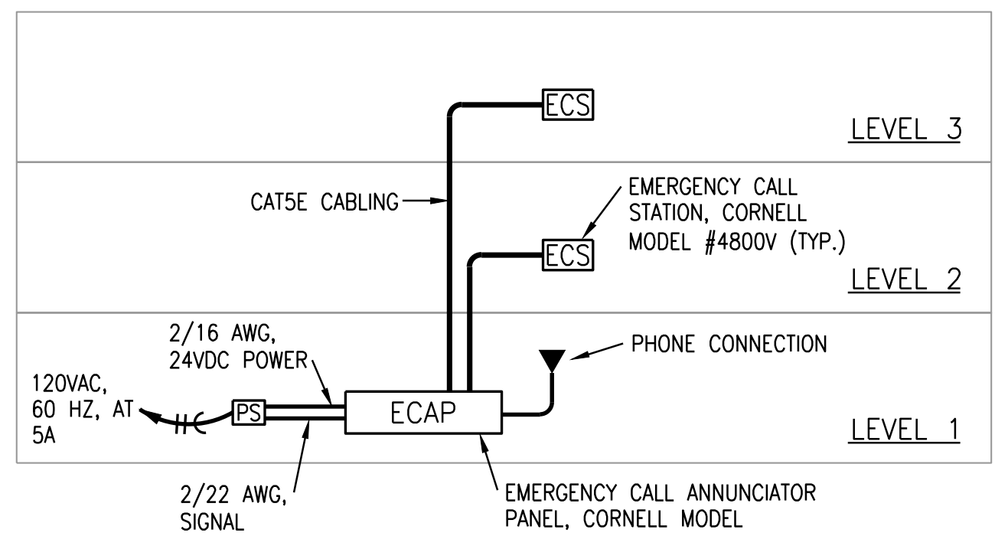
* - INDICATES PROVIDED BY DOOR HARDWARE SUPPLIER. REFER TO DOOR HARDWARE SPECIFICATIONS FOR FURTHER WIRING/POWER REQUIREMENTS.

SECURITY SCHEDULE

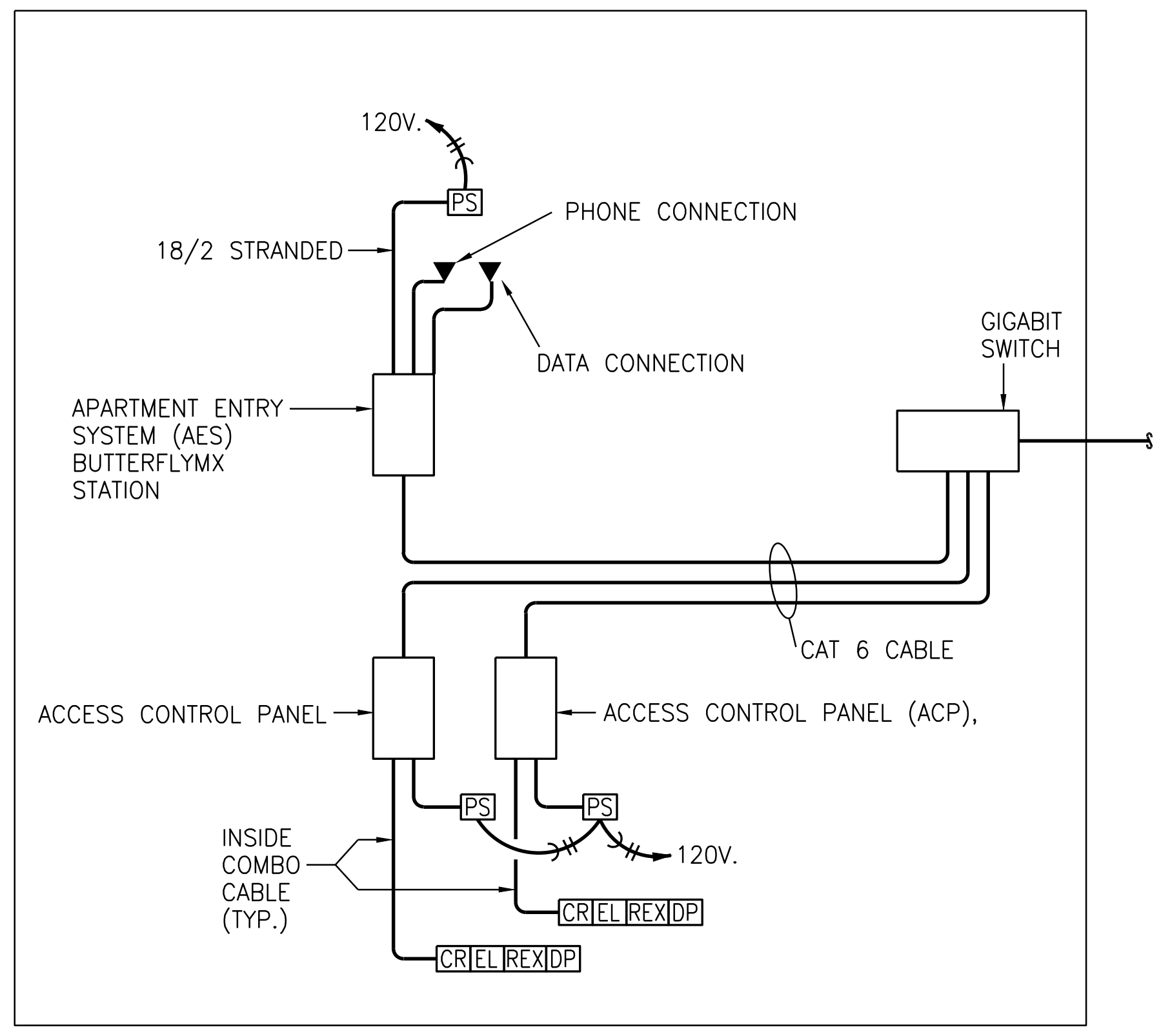
MARK	MANUFACTURER	MODEL NUMBER	DESCRIPTION	REMARKS
CR	SALTO	XS4	CARD READER	
ACP	SALTO	XS4 CU42E0/CU4200	ACCESS CONTROL PANEL/AUXILLIARY CONTROL PANEL	2
	SALTO		FOBs	1
C1	MARCH NETWORKS	35835-101	INDOOR CAMERA	
C2	AXIS	–	OUTDOOR 180° CAMERA	
C3	AXIS	P3717-PLE	OUTDOOR 360° CAMERA	3

REMARKS:
1 - PROVIDE 600.
2 - PROVIDE QUANTITIES SHOWN ON PLANS.
3 - PROVIDE WITH T94N01D PENDANT KIT.

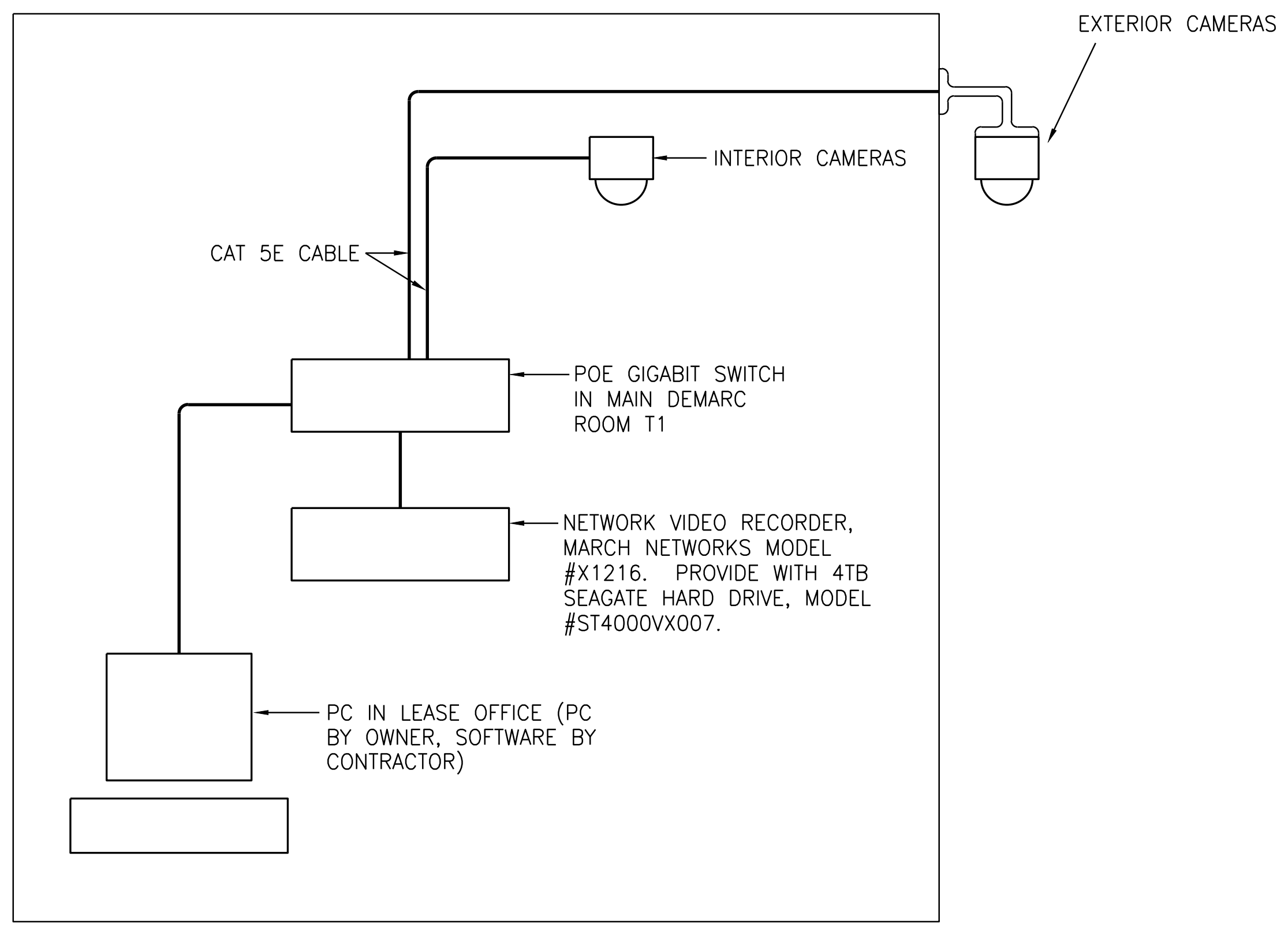
LEGEND:
- ⓵C PROXIMITY CARD READER (ORANGE) 18GA./6 COND. TWISTED OVERALL SHIELD, RISER RATED CABLE.
- 2C MAGNETIC SWITCH (WHITE) 18GA./2 COND. TWISTED OVERALL SHIELD, RISER RATED CABLE.
- 3C ELECTRIC LOCK (GRAY) 16GA./4 COND. TWISTED OVERALL SHIELD, RISER RATED CABLE.
- 4C REQUEST TO EXIT (BLUE) 18GA./4 COND. TWISTED OVERALL SHIELD, RISER RATED CABLE.
- 5C ELECTRIC LOCK FROM PS TO PUSHBAR 18GA./4 COND. TWISTED OVERALL SHIELD, RISER RATED CABLE.


ECS
LEVEL 3
CAT5E CABLING
EMERGENCY CALL STATION, CORNELL MODEL #4800V (TYP.)
ECS
LEVEL 2
2/16 AWG, 24VDC POWER
PHONE CONNECTION
120VAC, 60 HZ, AT 5A
PS
ECAP
LEVEL 1
2/22 AWG, SIGNAL
EMERGENCY CALL ANNUNCIATOR PANEL, CORNELL MODEL #A-4800M.

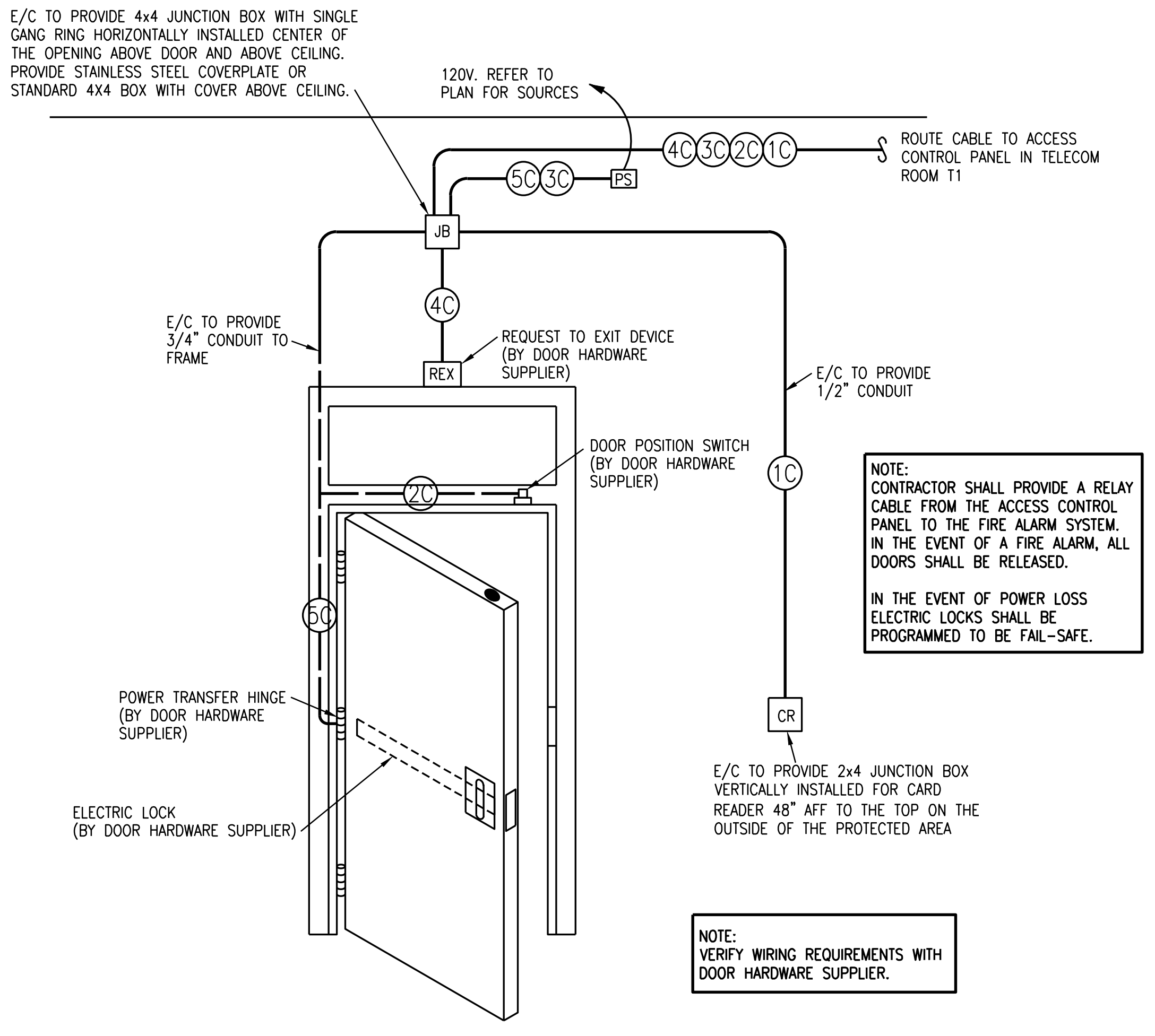
4 TWO-WAY COMMUNICATION DIAGRAM
NO SCALE


120V.
PS
PHONE CONNECTION
18/2 STRANDED
DATA CONNECTION
GIGABIT SWITCH
TO CLUBHOUSE
APARTMENT ENTRY SYSTEM (AES) BUTTERFLYMX STATION
CAT 6 CABLE
ACCESS CONTROL PANEL
ACCESS CONTROL PANEL (ACP),
PS
PS
120V.
INSIDE COMBO CABLE (TYP.)
CR EL REX DP
CR EL REX DP

7 TYPICAL ACCESS CONTROL PANEL DETAIL
NO SCALE


EXTERIOR CAMERAS
INTERIOR CAMERAS
CAT 5E CABLE
POE GIGABIT SWITCH IN MAIN DEMARC ROOM T1
NETWORK VIDEO RECORDER, MARCH NETWORKS MODEL #X1216. PROVIDE WITH 4TB SEAGATE HARD DRIVE, MODEL #ST4000VX007.
PC IN LEASE OFFICE (PC BY OWNER, SOFTWARE BY CONTRACTOR)

5 TYPICAL SECURITY CAMERA DETAIL
NO SCALE


E/C TO PROVIDE 4x4 JUNCTION BOX WITH SINGLE GANG RING HORIZONTALLY INSTALLED CENTER OF THE OPENING ABOVE DOOR AND ABOVE CEILING. PROVIDE STAINLESS STEEL COVERPLATE OR STANDARD 4X4 BOX WITH COVER ABOVE CEILING.
120V. REFER TO PLAN FOR SOURCES
4C 3C 2C 1C
ROUTE CABLE TO ACCESS CONTROL PANEL IN TELECOM ROOM T1
5C 3C
PS
JB
4C
E/C TO PROVIDE 3/4" CONDUIT TO FRAME
REX
REQUEST TO EXIT DEVICE (BY DOOR HARDWARE SUPPLIER)
E/C TO PROVIDE 1/2" CONDUIT
DOOR POSITION SWITCH (BY DOOR HARDWARE SUPPLIER)
2C
1C
5C
POWER TRANSFER HINGE (BY DOOR HARDWARE SUPPLIER)
ELECTRIC LOCK (BY DOOR HARDWARE SUPPLIER)
CR
E/C TO PROVIDE 2x4 JUNCTION BOX VERTICALLY INSTALLED FOR CARD READER 48" AFF TO THE TOP ON THE OUTSIDE OF THE PROTECTED AREA

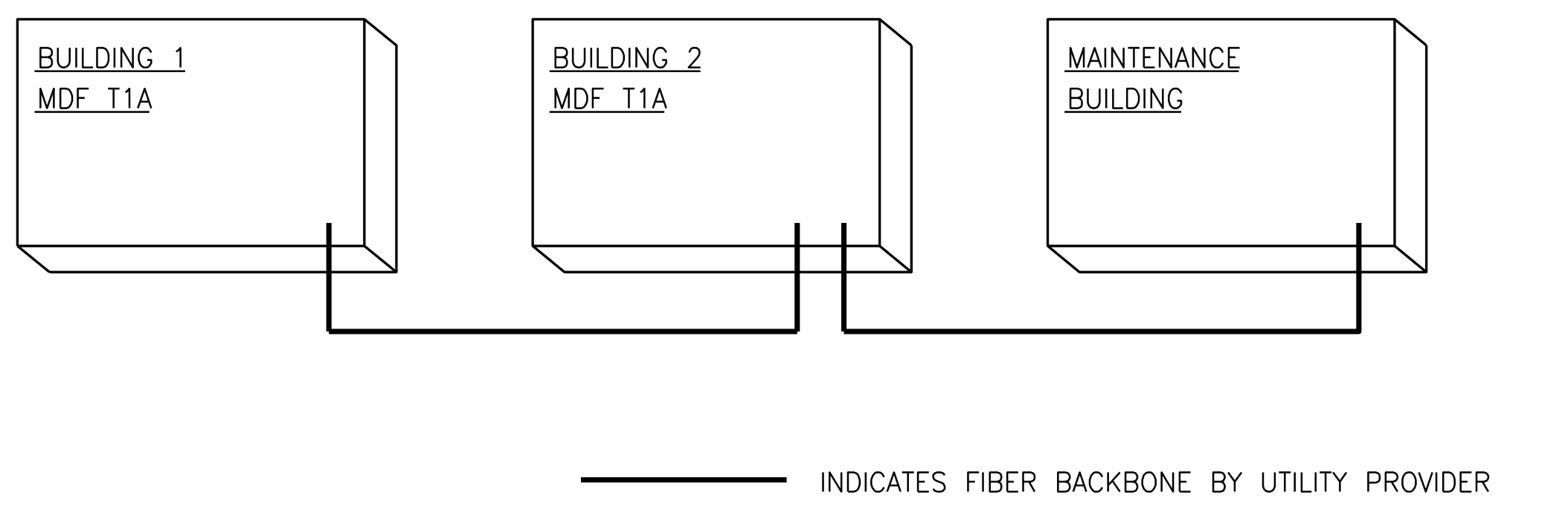
NOTE:
CONTRACTOR SHALL PROVIDE A RELAY CABLE FROM THE ACCESS CONTROL PANEL TO THE FIRE ALARM SYSTEM. IN THE EVENT OF A FIRE ALARM, ALL DOORS SHALL BE RELEASED.

IN THE EVENT OF POWER LOSS ELECTRIC LOCKS SHALL BE PROGRAMMED TO BE FAIL-SAFE.

NOTE:
VERIFY WIRING REQUIREMENTS WITH DOOR HARDWARE SUPPLIER.

FRONT ELEVATION

6 ACCESS CONTROL DOOR DETAIL
NO SCALE
SINGLE DOOR ENTRY


BUILDING 1 MDF T1A
BUILDING 2 MDF T1A
MAINTENANCE BUILDING
INDICATES FIBER BACKBONE BY UTILITY PROVIDER

8 FIBER BACKBONE CABLE TERMINATION DETAIL
NO SCALE

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5-12-22

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DATE: 7.15.2021

REVISIONS #
1 PERMIT REVIEW COMMENTS 08-17-21
5 REVISION 3 05-12-22

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