THE Signature AT WEST PRYOR

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

PROJECT NO.: 20-001

ISSUE DATE: 8.17.2021 PERMIT COMMENTS

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



SYMBOLS

CONCRETE

BRICK

BLOCKING

BATT INSULATION

RIGID INSULATION

CONCRETE BLOCK

5 / A10 — BUILDING SECTION

5 / A10 — WALL SECTION

5 / A10 — DETAIL

P3 — PARTITION TYPE

COL — COL. GRID

ROOM 101 — ROOM

T — TEMPERED GLASS

NEW CONSTRUCTION

EXISTING CONSTR. TO REMAIN

EXISTING CONSTR. REMOVED

PROJECT DIRECTORY

Owner
TEGETHOFF DEVELOPMENT
P.O. BOX 6331
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Architect
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SM ENGINEERING
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Mech. / Elec. / Plumb. Eng.
LATIMER SOMMERS & ASSOCIATES
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TOPEKA, KANSAS 66614
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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

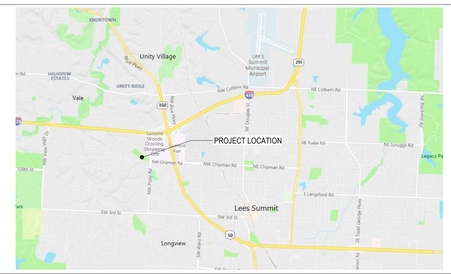
PROJECT DESCRIPTION: DESCRIPTION

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



8.17.2021

ARCHITECT — TR¡ 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

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DATE: 7.15.2021

REVISIONS

1	PERMIT COMMENTS	8.17.2021

DWG BY MKSS
TR¡ PROJECT NO. 20-001
SHEET NO. A000
COVER SHEET

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
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	●	
A541	BLDG 2 ELEVATOR - PLAN & SECTIONS	●	

	ARCHITECTURAL	BID / PERMIT SET 7.15.2021	PERMIT COMMENTS 8.17.2021
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
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	●	

	ELECTRICAL	BID / PERMIT SET 7.15.2021	PERMIT COMMENTS 8.17.2021
E001	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
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 - MECHELEC	●	●
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
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
T101	BLDG 1-A FIRST FLOOR PLAN - TELECOM	●	
T102	BLDG 2-A, PARTIAL FIRST FLOOR PLAN - TELECOM	●	
T201	TELECOM DETAILS	●	●

STATE OF MISSOURI
JOSEPH
CHRISTOPHER
MCCLENDON
NUMBER
A-2007021
REGISTERED
ARCHITECT
8.17.2021

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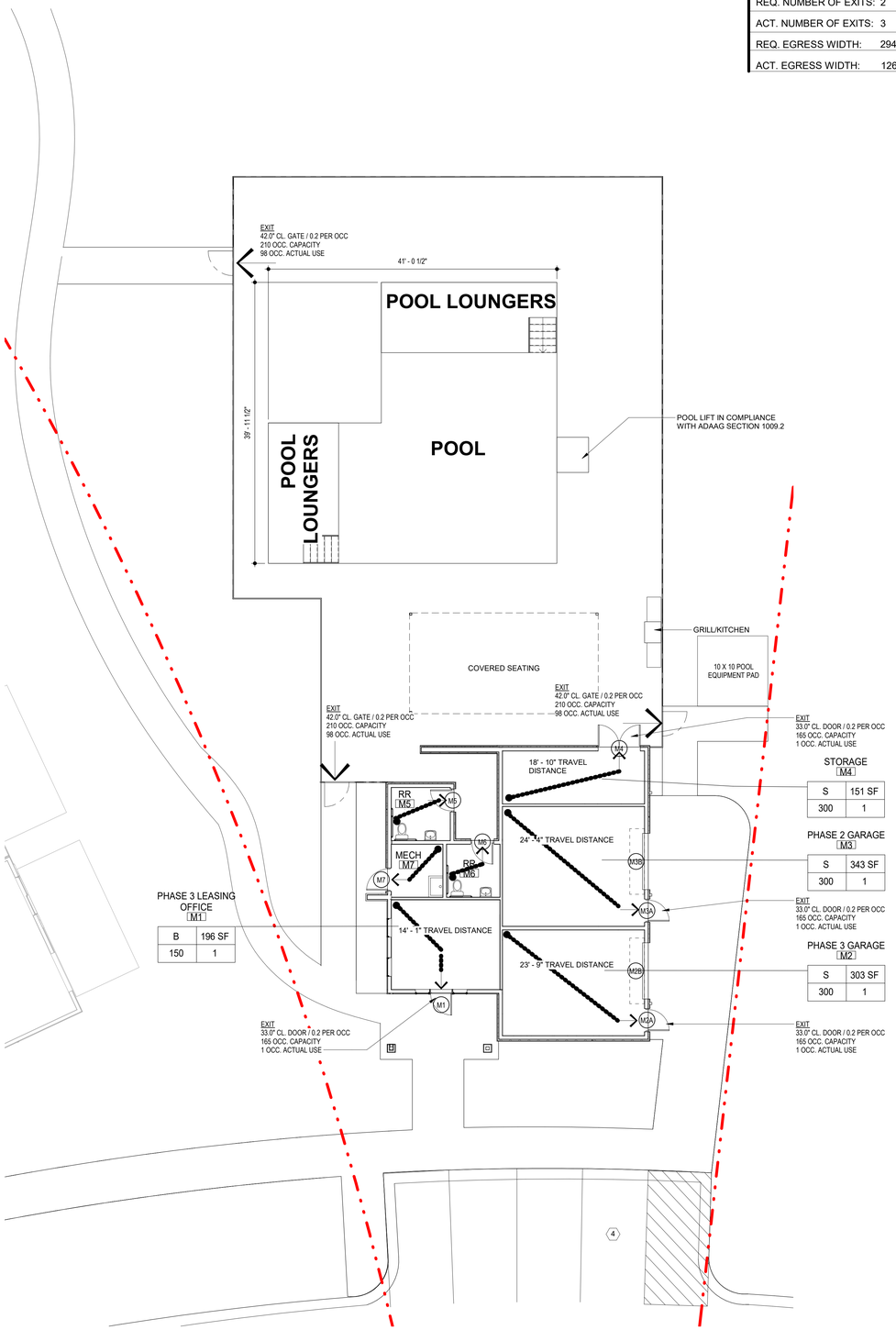
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TR¡ PROJECT NO. 20-001

SHEET NO.
A001
SHEET INDEX

LIFE SAFETY SUMMARY (POOL & DECK)	
OCCUPANCY: DECK 15 S.F. / PERSON	POOL 20 S.F. / PERSON
ACTUAL OCCUPANCY:	DECK 3422 S.F. / 15 = 228 OCC. POOL 1319 S.F. /20 = 66 OCC. TOTAL = 294 OCC.
REQ. NUMBER OF EXITS: 2	
ACT. NUMBER OF EXITS: 3	
REQ. EGRESS WIDTH:	294 OCC. * 0.2 / OCC. = 59"
ACT. EGRESS WIDTH:	126"



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
PATH OF EGRESS
PROPERTY LINE
OCCUPANCY
AREA
A | 800 SF
20 | 40
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 5-1 (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

8.17.2021

ARCHITECT
STRUCTURAL ENGINEER
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MECHANICAL ENGINEER
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TR¡ PROJECT NO. 20-001
SHEET NO. A018
MAINTENANCE / POOL HOUSE LIFE SAFETY PLAN

ARCH SITE PLAN KEYED NOTES

1. CONCRETE SIDEWALK, RE: CIVIL
2. CONTROL JOINT. SEE 4 /A021
3. EXPANSION JOINT. SEE 4 /A021
4. CONCRETE CURB, RE: CIVIL PLANS
5. ACCESSIBLE RAMP, RE: CIVIL PLANS
6. PLANTER AREA.
7. CONCRETE STEPS. COORDINATE AND VERIFY W/ CIVIL PLANS FOR FINAL GRADES AND ALL OTHER GRADING INFO. PROVIDE HANDRAIL EACH SIDE - SEE TYPICAL DETAIL. VERIFY NUMBER OF RISERS REQUIRED WITH GRADING.
8. TRASH ENCLOSURE WITH 30' CONCRETE PAD APPROACH, LOCATE PER CIVIL PLANS.

Parking Schedule	
Parking Type	Count
ADA Tenant Parking	11
Tenant Parking	377
Total Parking	388

ARCH SITE PLAN LEGEND

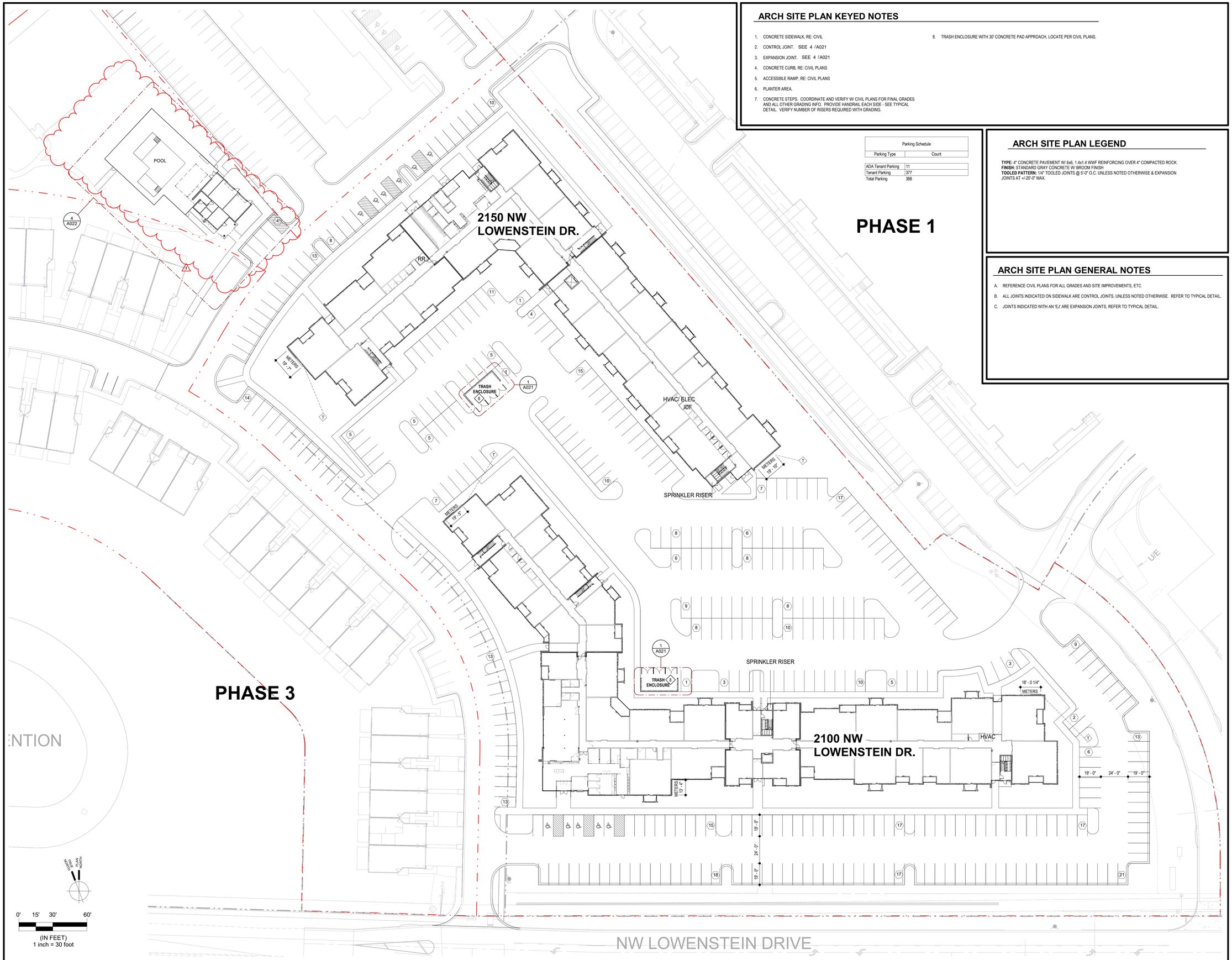
TYPE: 4" CONCRETE PAVEMENT W/ 6x6, 1.4x1.4 WWF REINFORCING OVER 4" COMPACTED ROCK.
FINISH: STANDARD GRAY CONCRETE W/ BROOM FINISH
TOOLED PATTERN: 1/4" TOOLED JOINTS @ 5'-0" O.C. UNLESS NOTED OTHERWISE & EXPANSION JOINTS AT +/-20'-0" MAX.

ARCH SITE PLAN GENERAL NOTES

A. REFERENCE CIVIL PLANS FOR ALL GRADES AND SITE IMPROVEMENTS, ETC.

B. ALL JOINTS INDICATED ON SIDEWALK ARE CONTROL JOINTS, UNLESS NOTED OTHERWISE. REFER TO TYPICAL DETAIL.

C. JOINTS INDICATED WITH AN 'E.J' ARE EXPANSION JOINTS, REFER TO TYPICAL DETAIL.



4 **ARCHITECTURAL SITE PLAN**
SCALE: 1" = 30'-0"

8.17.2021

TR¡ ARCHITECTS — ARCHITECT
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SM ENGINEERING — CIVIL ENGINEER
BRINKMANN CONSTRUCTORS — GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES — MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES — PLUMBING ENGINEER
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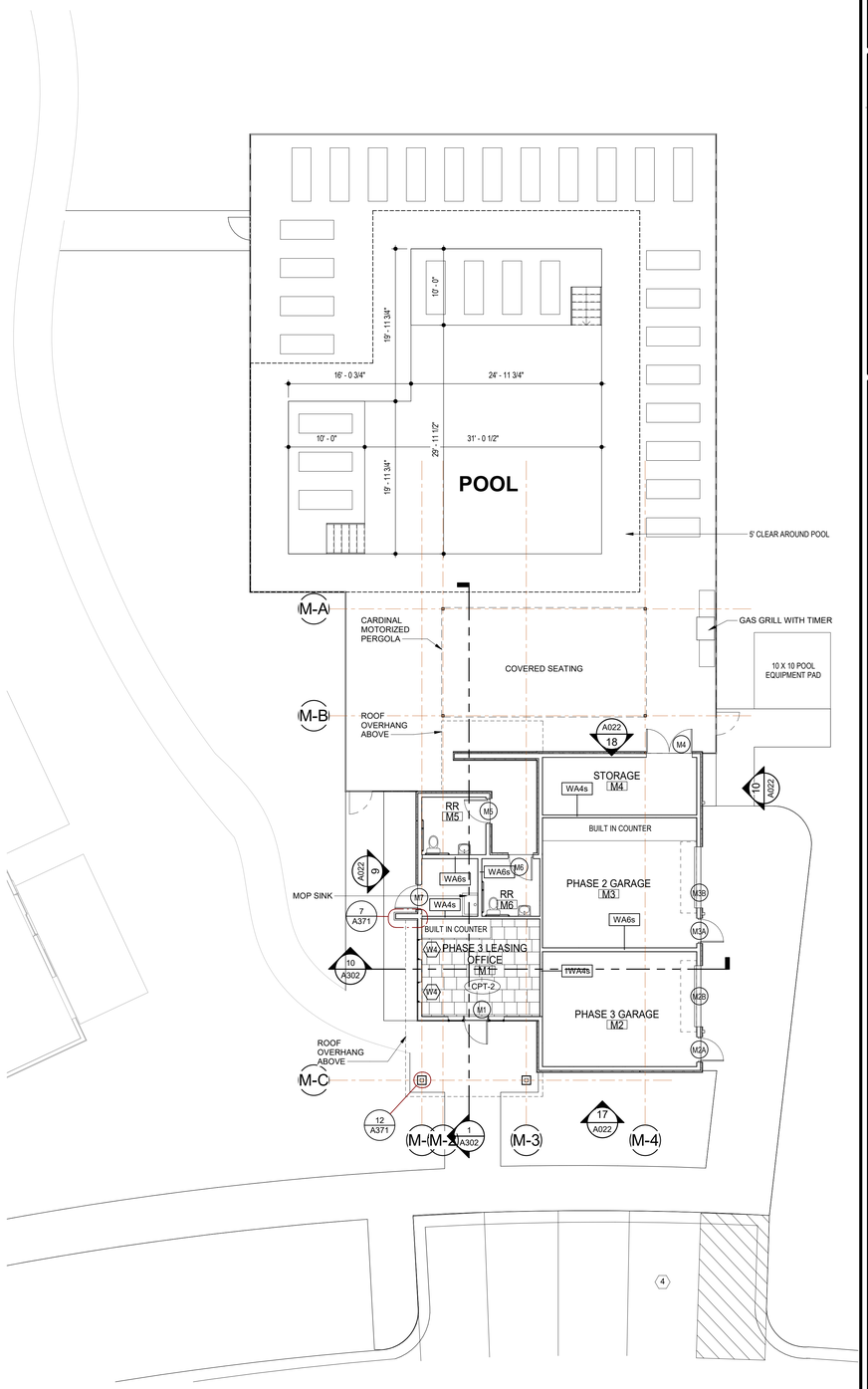
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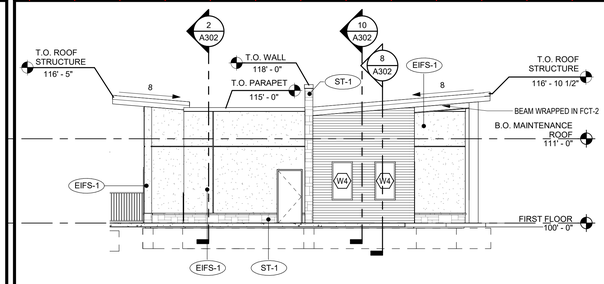
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TRi PROJECT NO. 20-001
SHEET NO. A020
ARCHITECTURAL SITE PLAN



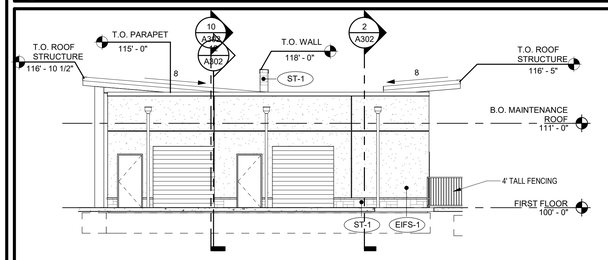
4 MAINTENANCE / POOL HOUSE SITE PLAN

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



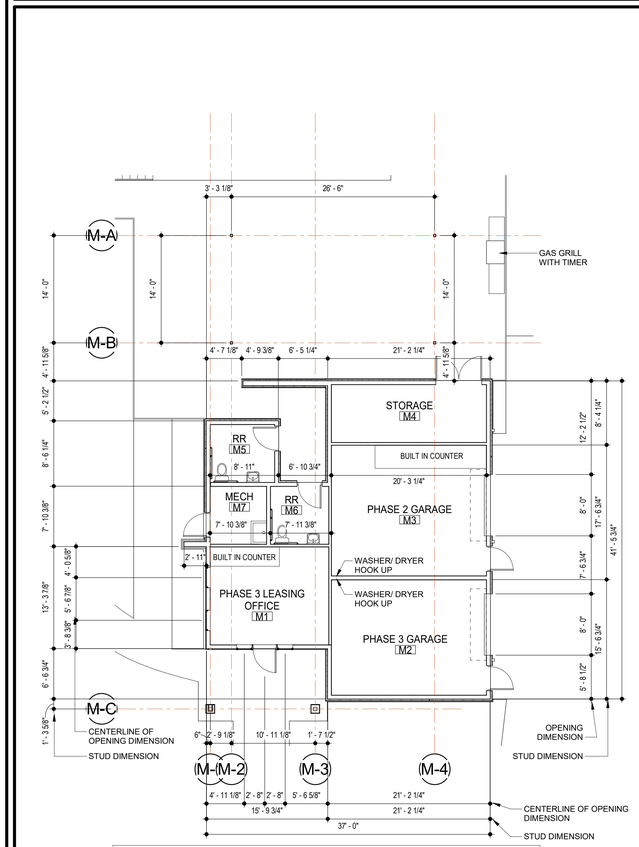
9 WEST ELEVATION

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



10 EAST ELEVATION

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

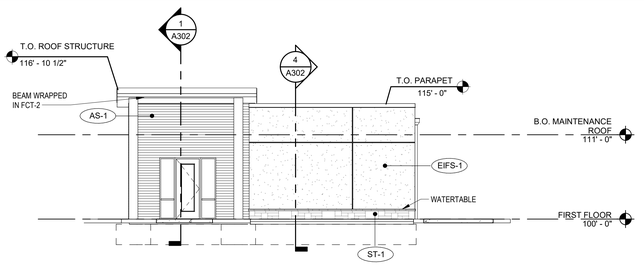


MAINTENANCE / POOL HOUSE ROOM FINISHES

ROOM NUMBER	NAME	CEILING FINISH	FLOOR FINISH	WALL FINISH	BASE FINISH
M1	PHASE 3 LEASING OFFICE	PT-2	CPT-2	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

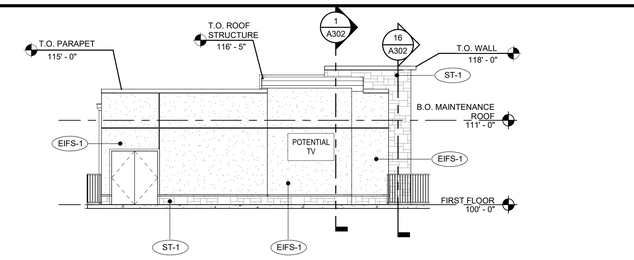
12 MAINTENANCE / POOL HOUSE PLAN

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



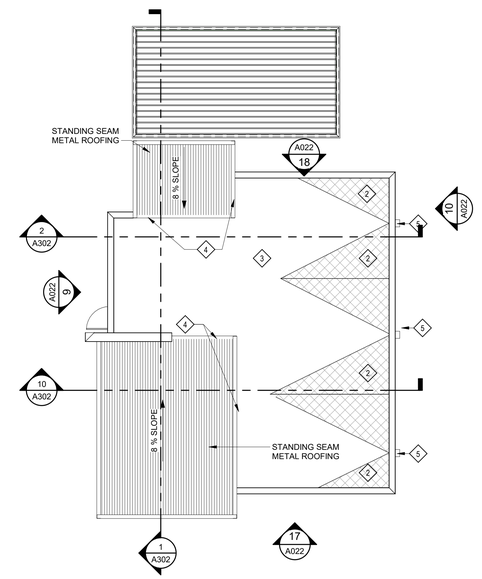
17 SOUTH ELEVATION

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



18 NORTH ELEVATION

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



20 MAINTENANCE / POOL HOUSE ROOF PLAN

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

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.

STATE OF MISSOURI
JESSICA L. WILLIAMS
2010021
REGISTERED ARCHITECT
8.17.2021

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PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

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SHEET NO.

A022

MAINTENANCE SHED / POOL HOUSE

UNIT ADDRESS PLAN

UNIT ADDRESS TO BE POSTED TO THE SIDE OF THE ENTRY DOOR AS PART OF SCONCE. USE SCONCES FROM PHASE 1

UNIT ENTRY ELEVATION DETAIL 1/A420



4 **BLDG 1 - FIRST FLOOR ADDRESS PLAN**

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

8.17.2021

ARCHITECT	TR¡ ARCHITECTS
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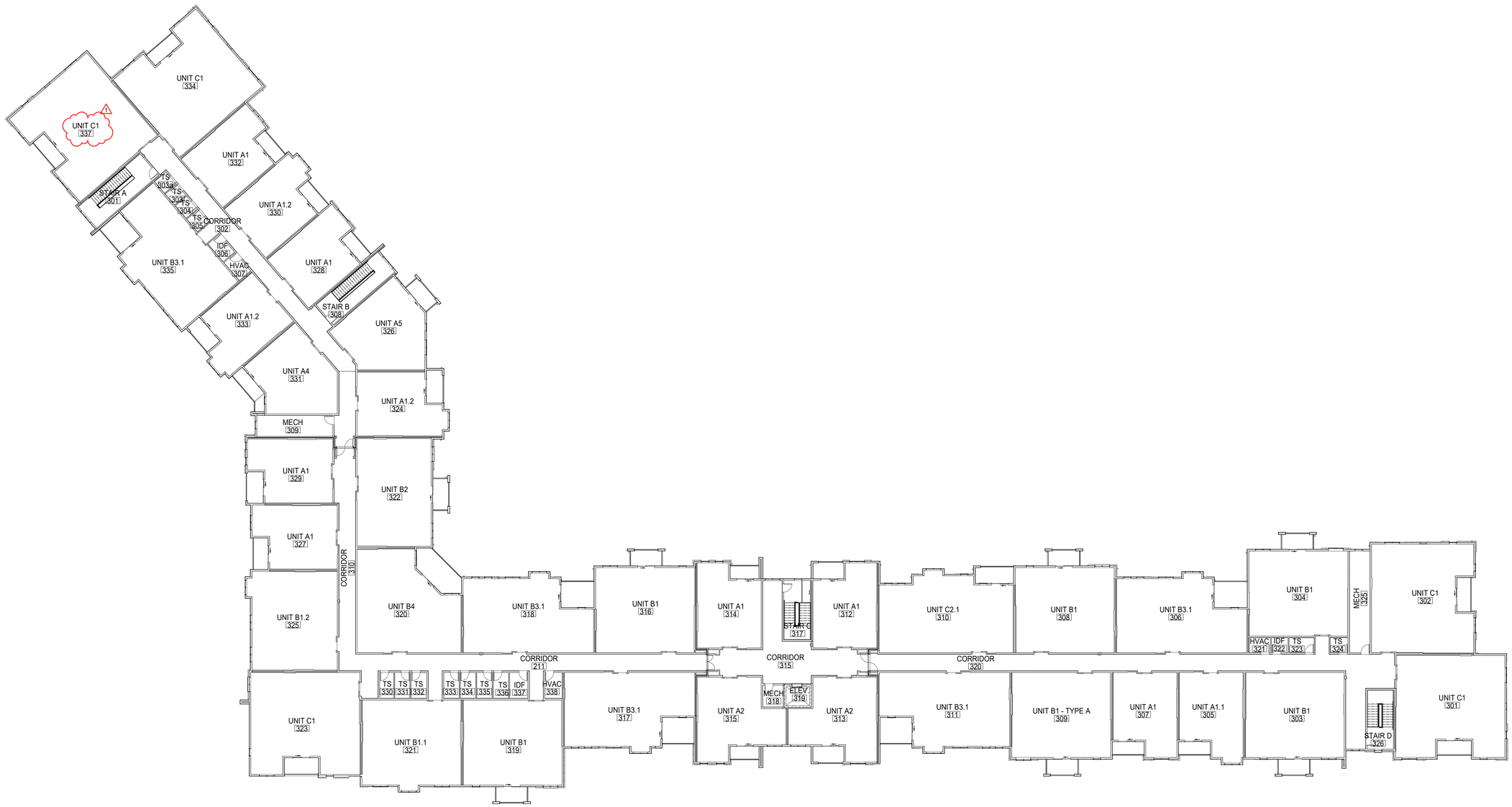
A023

BLDG 1 - FIRST FLOOR ADDRESS PLAN

UNIT ADDRESS PLAN

UNIT ADDRESS TO BE POSTED TO THE SIDE OF THE ENTRY DOOR AS PART OF SCONCE. USE SCONCES FROM PHASE 1

UNIT ENTRY ELEVATION DETAIL 1/A420



4 **BLDG 1 - THIRD FLOOR ADDRESS PLAN**

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

8.17.2021

ARCHITECT TR¡ ARCHITECTS

STRUCTURAL ENGINEER BOB D CAMPBELL & COMPANY

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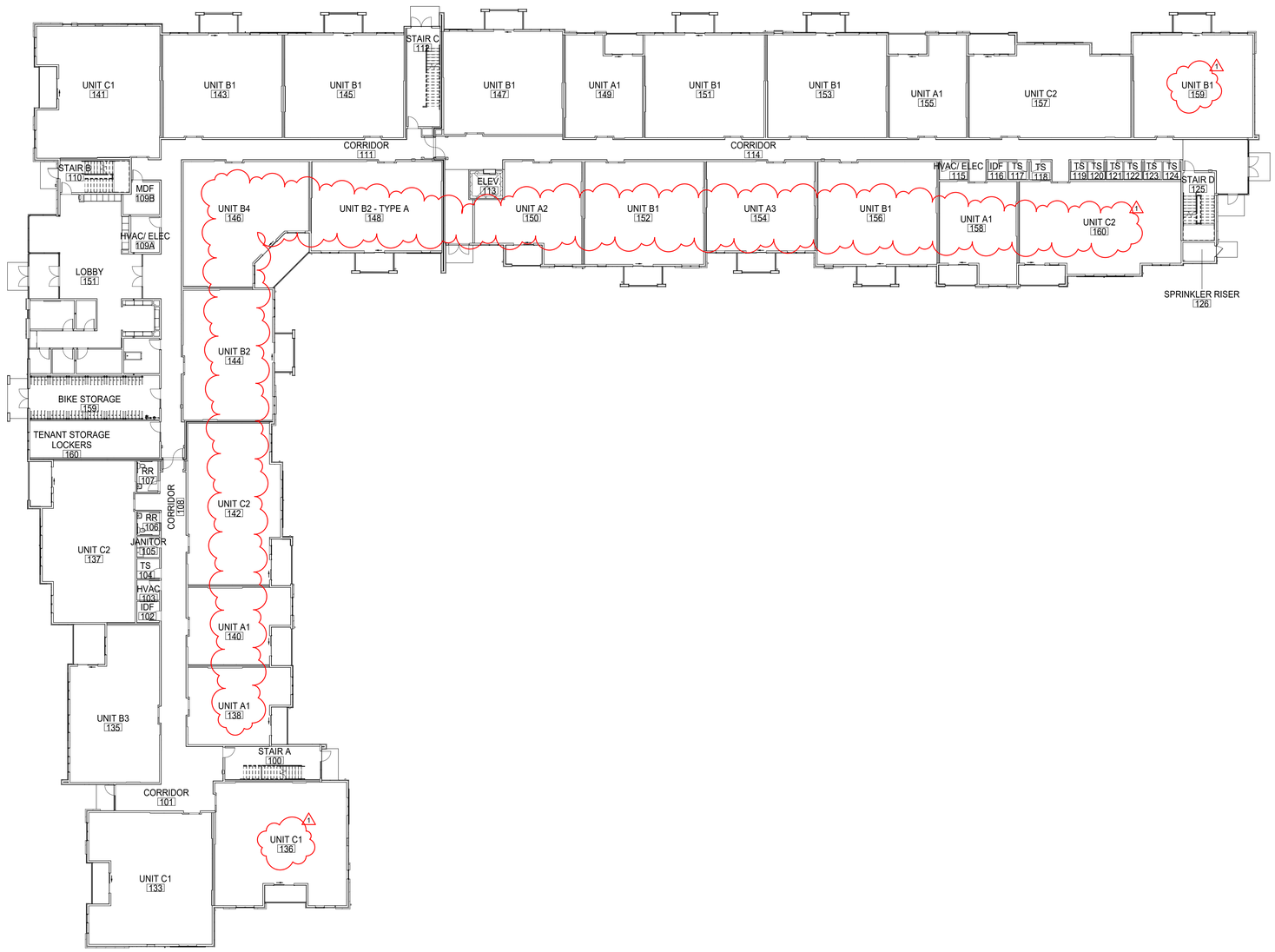
A025

BLDG 1 - THIRD FLOOR ADDRESS PLAN

UNIT ADDRESS PLAN

UNIT ADDRESS TO BE POSTED TO THE SIDE OF THE ENTRY DOOR AS PART OF SCONCE. USE SCONCES FROM PHASE 1

UNIT ENTRY ELEVATION DETAIL 1/A420



4 BLDG 2 - FIRST FLOOR ADDRESS PLAN

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

8.17.2021

TR¡ ARCHITECTS	ARCHITECT
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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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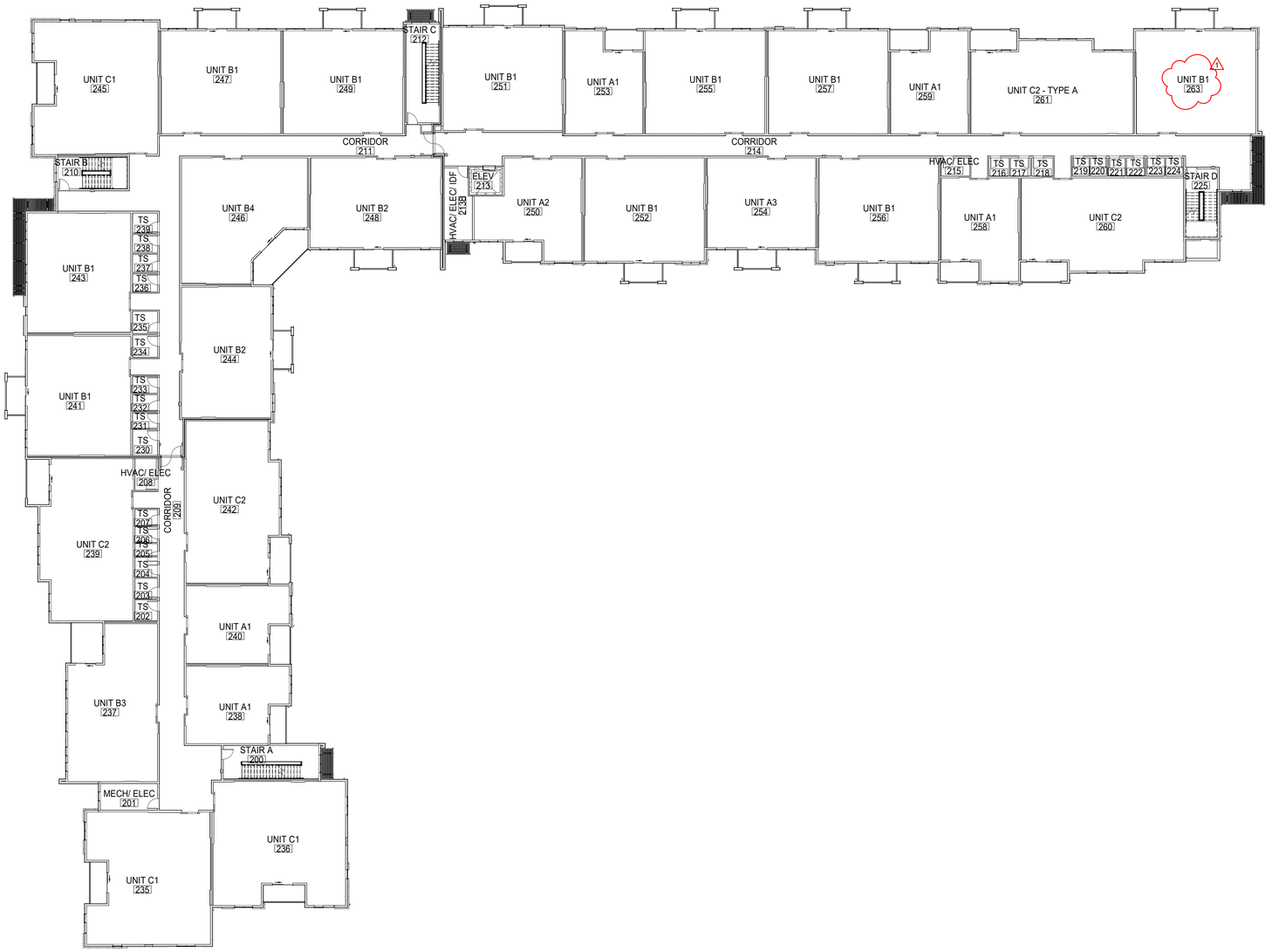
A026

BLDG 2 - FIRST FLOOR ADDRESS PLAN

UNIT ADDRESS PLAN

UNIT ADDRESS TO BE POSTED TO THE SIDE OF THE ENTRY DOOR AS PART OF SCONCE. USE SCONCES FROM PHASE 1

UNIT ENTRY ELEVATION DETAIL 1/A420



4 BLDG 2 - SECOND FLOOR ADDRESS PLAN

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

8.17.2021

ARCHITECT	TR¡ 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

Together Development

The Signature at West Pryor

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

TR¡ ARCHITECTS

TR¡ Architects
1700 S. Brentwood Blvd.
St. Louis, Missouri 63144
T: 314-395-9750
www.triarchitects.com

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DATE: 7.15.2021

REVISIONS 2

1	PERMIT COMMENTS	8.17.2021

DWG BY MKSS

TR¡ PROJECT NO. 20-001

SHEET NO.

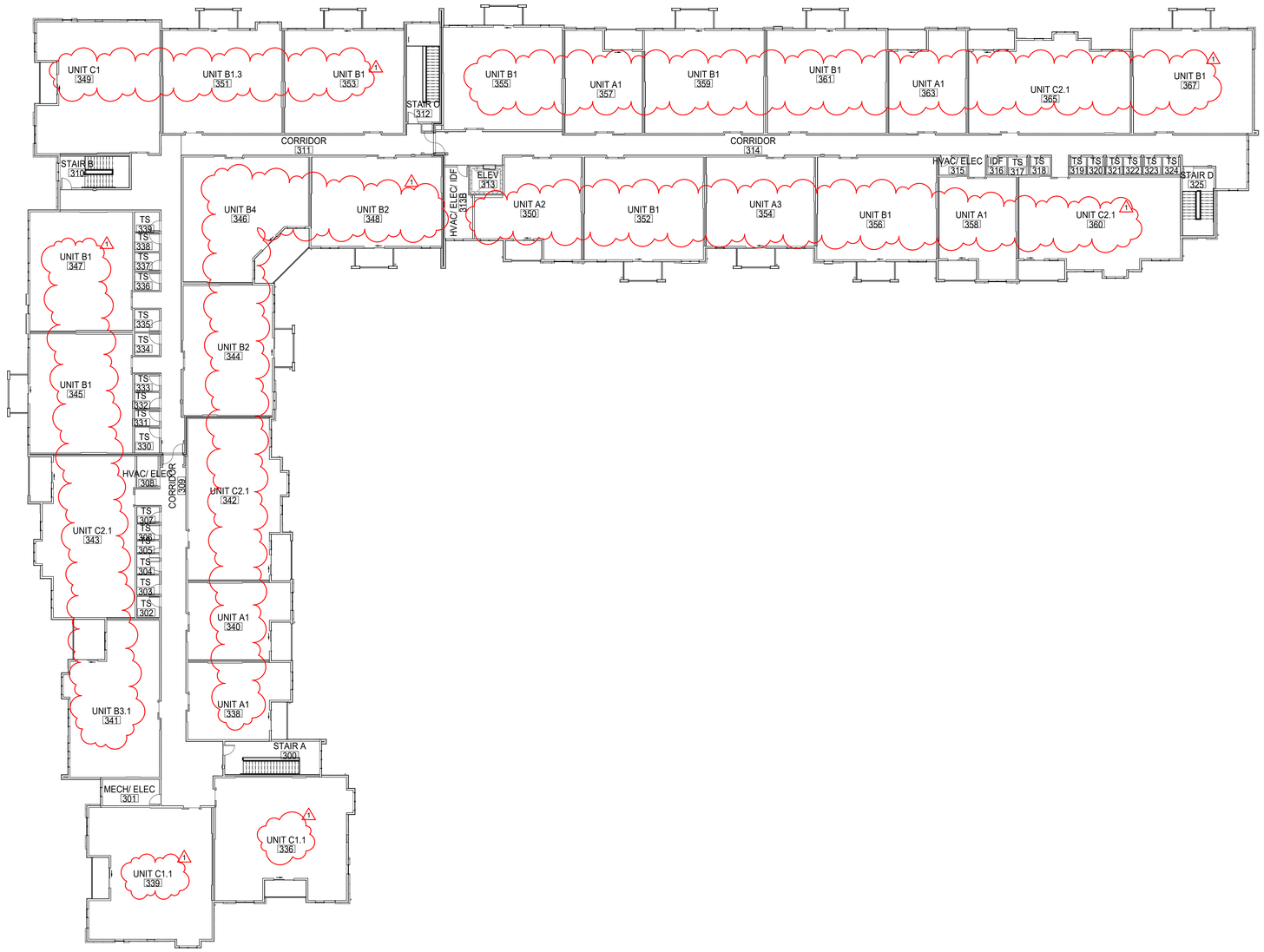
A027

BLDG 2 - SECOND FLOOR ADDRESS PLAN

UNIT ADDRESS PLAN

UNIT ADDRESS TO BE POSTED TO THE SIDE OF THE ENTRY DOOR AS PART OF SCONCE. USE SCONCES FROM PHASE 1

UNIT ENTRY ELEVATION DETAIL 1/A420



4 BLDG 2 - THIRD FLOOR ADDRESS PLAN

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

8.17.2021

ARCHITECT	TR¡ 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 0

1	PERMIT COMMENTS	8.17.2021

DWG BY MKSS

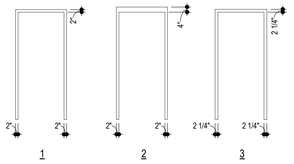
TR¡ PROJECT NO. 20-001

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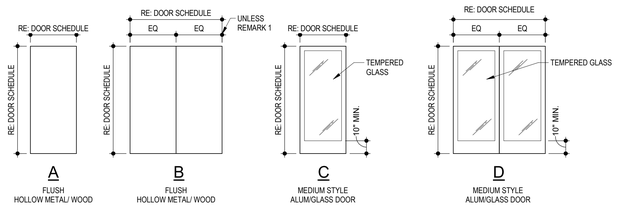
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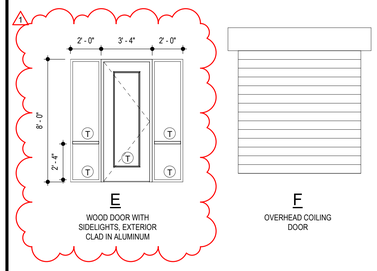
BLDG 2 - THIRD FLOOR ADDRESS PLAN

DOOR FRAME TYPES



DOOR TYPES





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	B	HM	6' - 0"	7' - 0"	0' - 1 3/4"	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	-

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"	7' - 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"	7' - 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			-	AL	MANF	MANF	17/A041	
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			-	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

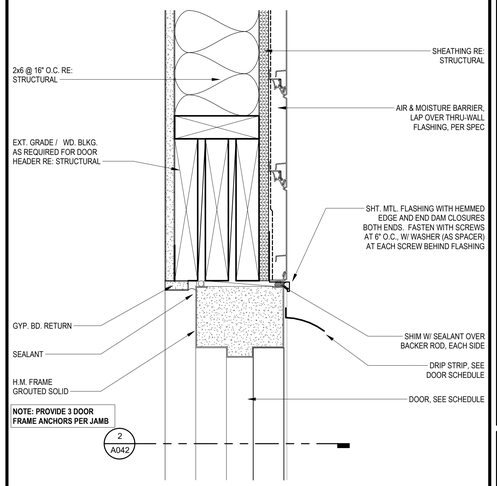
BUILDING 2 DOOR SCHEDULES

DOOR SCHEDULE BLDG 2 - FIRST FLOOR

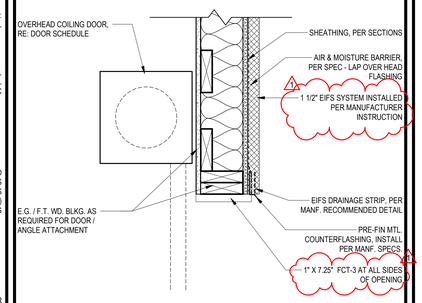
DOORS									FRAMES					
NO.	TYPE	MAT'L.	WIDTH	HEIGHT	THICKNESS	HW SET	LABEL	REMARKS	TYPE	MAT'L.	HEAD	JAMBS	SILL	LABEL
100A	C	AL/GL	3' - 0"	8' - 0"		4.0			-	AL	MANF	MANF	17/A041	
100B	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	17.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
101	C	AL/GL	3' - 0"	8' - 0"		5.0			-	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	1/A041	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	
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			-	AL	MANF	MANF	17/A041	
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	D	AL/GL	5' - 8"	7' - 0"		2.0			-	AL	MANF	MANF	17/A041	
159B	C	AL/GL	6' - 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

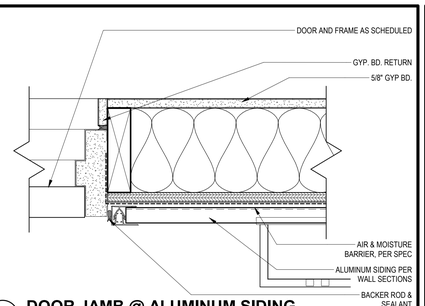
DOORS									FRAMES					
NO.	TYPE	MAT'L.	WIDTH	HEIGHT	THICKNESS	HW SET	LABEL	REMARKS	TYPE	MAT'L.	HEAD	JAMBS	SILL	LABEL
200	A	WD	3' - 0"	7' - 0"	0' - 1 3/4"	17.0	60 MIN		1	HM	9/A041	9/A041	17/A041	60 MIN
201	A	HM	3' - 0"	7' - 0"	0' - 1 3/4"	24.0	20 MIN		1	HM	9/A041	9/A041	17/A041	20 MIN
202	A	WD	3' - 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



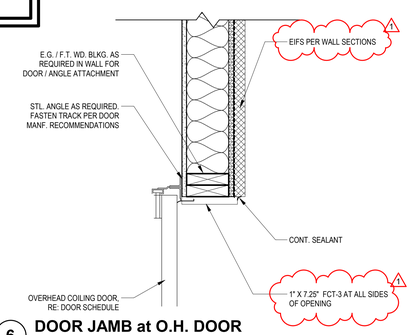
1 DOOR HEAD @ ALUMINUM SIDING
SCALE: 3" = 1'-0"



5 DOOR HEAD at O.H. DOOR
SCALE: 1 1/2" = 1'-0"



2 DOOR JAMB @ ALUMINUM SIDING
SCALE: 3" = 1'-0"



6 DOOR JAMB at O.H. DOOR
SCALE: 1 1/2" = 1'-0"

STATE OF MISSOURI
JOSEPH
MICHAEL
SCHMITT
2006021
REGISTERED ARCHITECT
8.17.2021

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

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1700 S. Brentwood Blvd.
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DATE: 7.15.2021

REVISIONS 2

1	PERMIT COMMENTS	8.17.2021

DWG BY MKSS

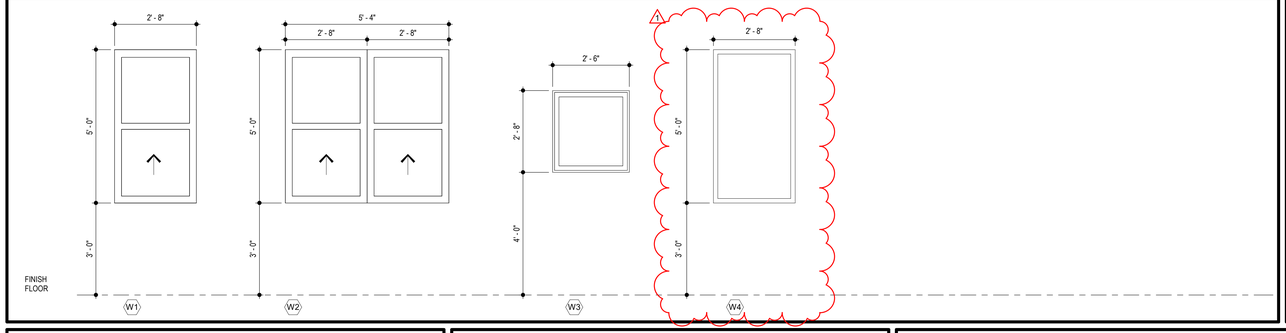
TR,i PROJECT NO. 20-001

SHEET NO.

A042

DOOR DETAILS

WINDOW ELEVATIONS



WINDOW GENERAL NOTES

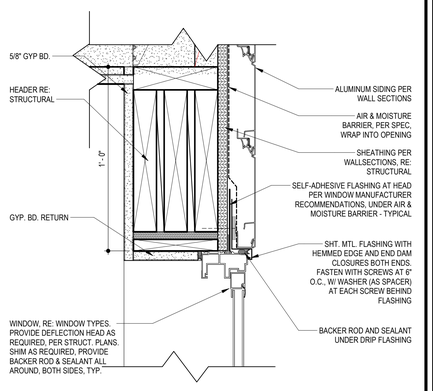
A. G.C. TO VERIFY ALL DIMENSIONS.

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

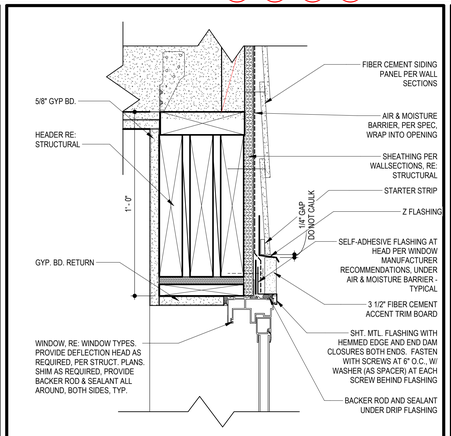
C. ANY GLAZING ADJACENT TO DOORS AND/OR IN CURTAIN WALL SYSTEM LABELED "T" FOR TEMPERED GLASS AND GREATER THAN NINE (9) SQUARE FEET TO BE SAFETY GLASS CATEGORY 2. ANY GLAZING ADJACENT TO DOORS AND/OR IN CURTAINWALL SYSTEM LABELED "T" FOR TEMPERED GLASS NINE (9) SQUARE FEET OR LESS SHALL BE SAFETY GLASS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

WINDOW SCHEDULE

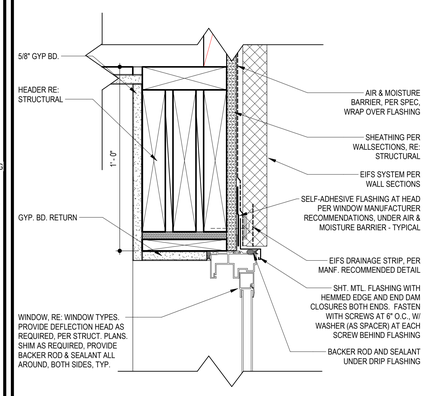
TYPE	HEIGHT	WIDTH	FRAME MATERIAL	FRAME COLOR	COMMENTS
W1	5' - 0"	2' - 8"	VINYL	BLACK OUTSIDE, WHITE INSIDE	SINGLE HUNG
W2	5' - 0"	5' - 4"	VINYL	BLACK OUTSIDE, WHITE INSIDE	SINGLE HUNG
W3	2' - 8"	2' - 6"	VINYL	BLACK OUTSIDE, WHITE INSIDE	FIXED
W4	5' - 0"	2' - 8"	VINYL	BLACK OUTSIDE, WHITE INSIDE	FIXED



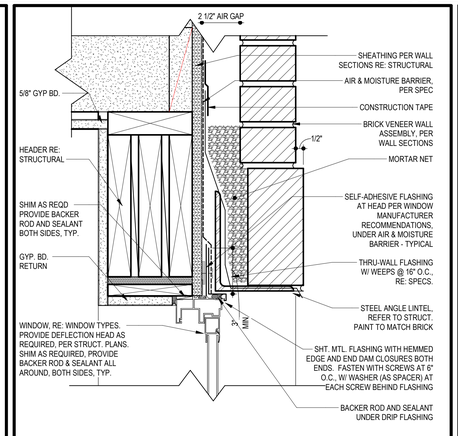
2 WINDOW HEAD @ ALUMINUM SIDING
SCALE: 3" = 1'-0"



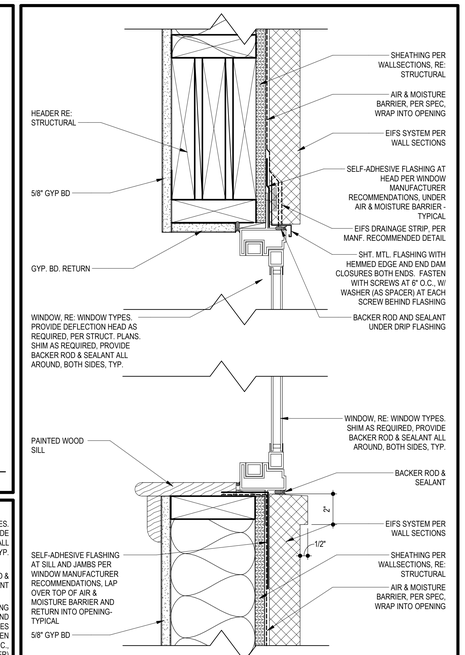
6 WINDOW HEAD @ FIBER CEMENT SIDING
SCALE: 3" = 1'-0"



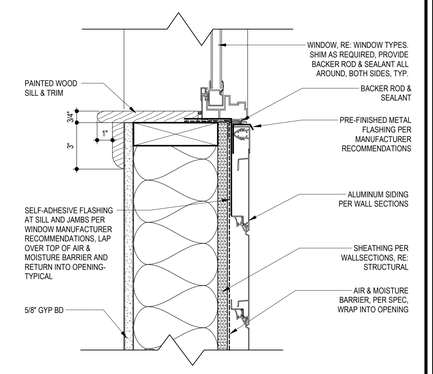
10 WINDOW HEAD @ EIFS
SCALE: 3" = 1'-0"



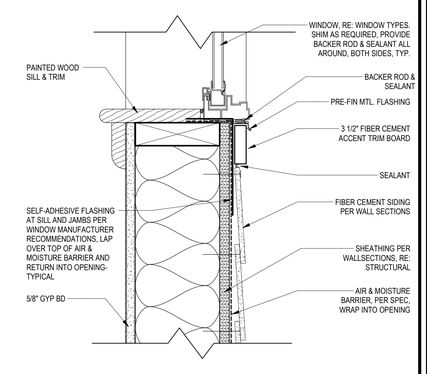
14 WINDOW HEAD @ BRICK
SCALE: 3" = 1'-0"



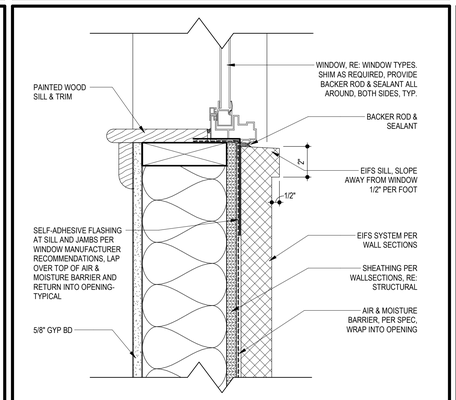
18 FIXED WINDOW
SCALE: 3" = 1'-0"



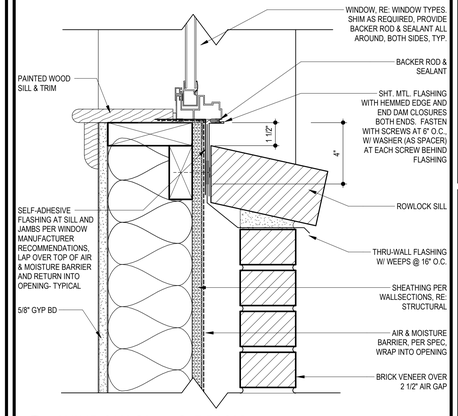
3 WINDOW SILL @ ALUMINUM SIDING
SCALE: 3" = 1'-0"



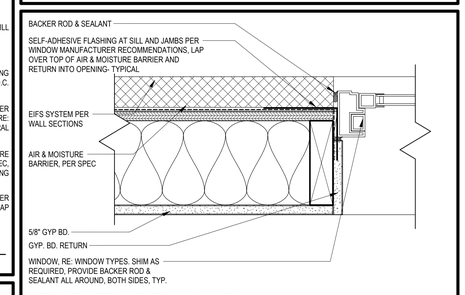
7 WINDOW SILL @ FIBER CEMENT SIDING
SCALE: 3" = 1'-0"



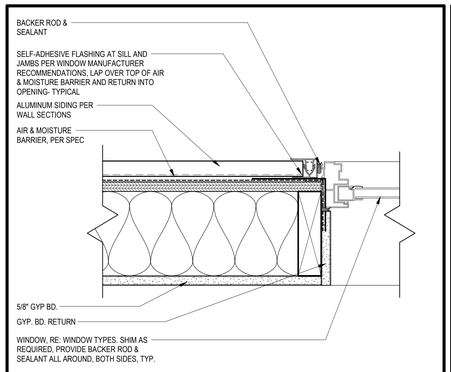
11 WINDOW SILL @ EIFS
SCALE: 3" = 1'-0"



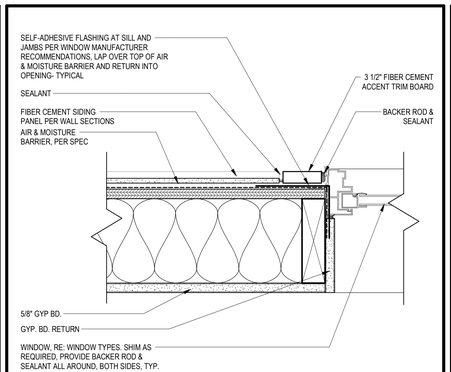
15 WINDOW SILL @ BRICK
SCALE: 3" = 1'-0"



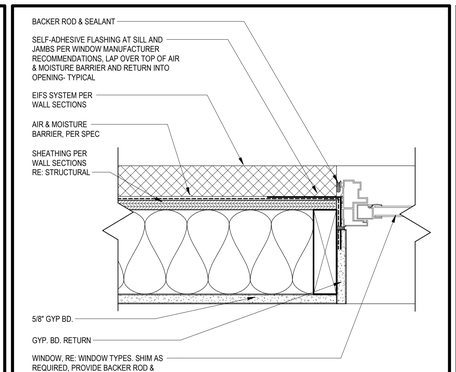
19 FIXED WINDOW JAMB
SCALE: 3" = 1'-0"



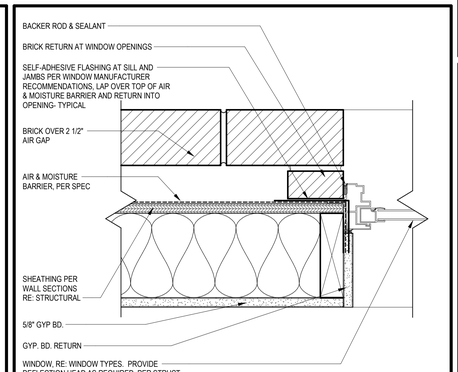
4 WINDOW JAMB @ ALUMINUM SIDING
SCALE: 3" = 1'-0"



8 WINDOW JAMB @ FIBER CEMENT SIDING
SCALE: 3" = 1'-0"



12 WINDOW JAMB @ EIFS
SCALE: 3" = 1'-0"



16 WINDOW JAMB @ BRICK
SCALE: 3" = 1'-0"

STATE OF MISSOURI
JOSEPH A. TRI
NUMBER A-6001
REGISTERED ARCHITECT
8.17.2021

ARCHITECT — TR¡ 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

Together Development

The Signature at West Pryor

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

TR¡ ARCHITECTS

TR¡ Architects
1700 S. Brentwood Blvd.
St. Louis, Missouri 63144

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DATE: 7.15.2021

REVISIONS

1	PERMIT COMMENTS	8.17.2021

DWG BY MKSS

TR¡ PROJECT NO. 20-001

SHEET NO.

A050

WINDOW SCHEDULE & DETAILS

BLDG 1 DOWNSPOUT CALCS

AREA A:
8,816 S.F. / 6 DOWNSPOUTS = 1,469 S.F./D.S.
(SMACNA) TABLE 1-2 - 100 YEAR S.F./S.I. = 120
1,469 /120 = 12.24 SQUARE INCHES OF DOWNSPOUT AREA
USE (6) 4" SQ. DOWNSPOUTS

AREA B:
8,019 / 5 DOWNSPOUTS = 1,604 S.F. / D.S.
(SMACNA) TABLE 1-2 - 100 YEAR S.F./S.I. = 120
1,604 /120 = 13.37 SQUARE INCHES OF DOWNSPOUT AREA
USE (5) 4" SQ. DOWNSPOUTS

AREA C:
28,400 S.F. / 16 DOWNSPOUTS = 1,775 S.F./D.S.
(SMACNA) TABLE 1-2 - 100 YEAR S.F./S.I. = 120
1,775 /120 = 14.79 SQUARE INCHES OF DOWNSPOUT AREA
USE (16) 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.
6. 2'-6" x 3'-0" ROOF ACCESS HATCH.
7. ELEVATOR OVERRUN.
8. PROVIDE WALKWAY PADS FROM ROOF ACCESS TO ALL ROOFTOP EQUIPMENT.
9. ROOF SHEATHING TO BE CONSTRUCTED OF FIRE RETARDANT TREATED WOOD 4'-0" EACH SIDE OF FIRE WALL, NO PENETRATIONS ALLOWED IN THIS AREA
10. STUD KICKER WITH PLYWOOD SHEATHING AND ROOFING MEMBRANE.

ROOF GENERAL NOTES

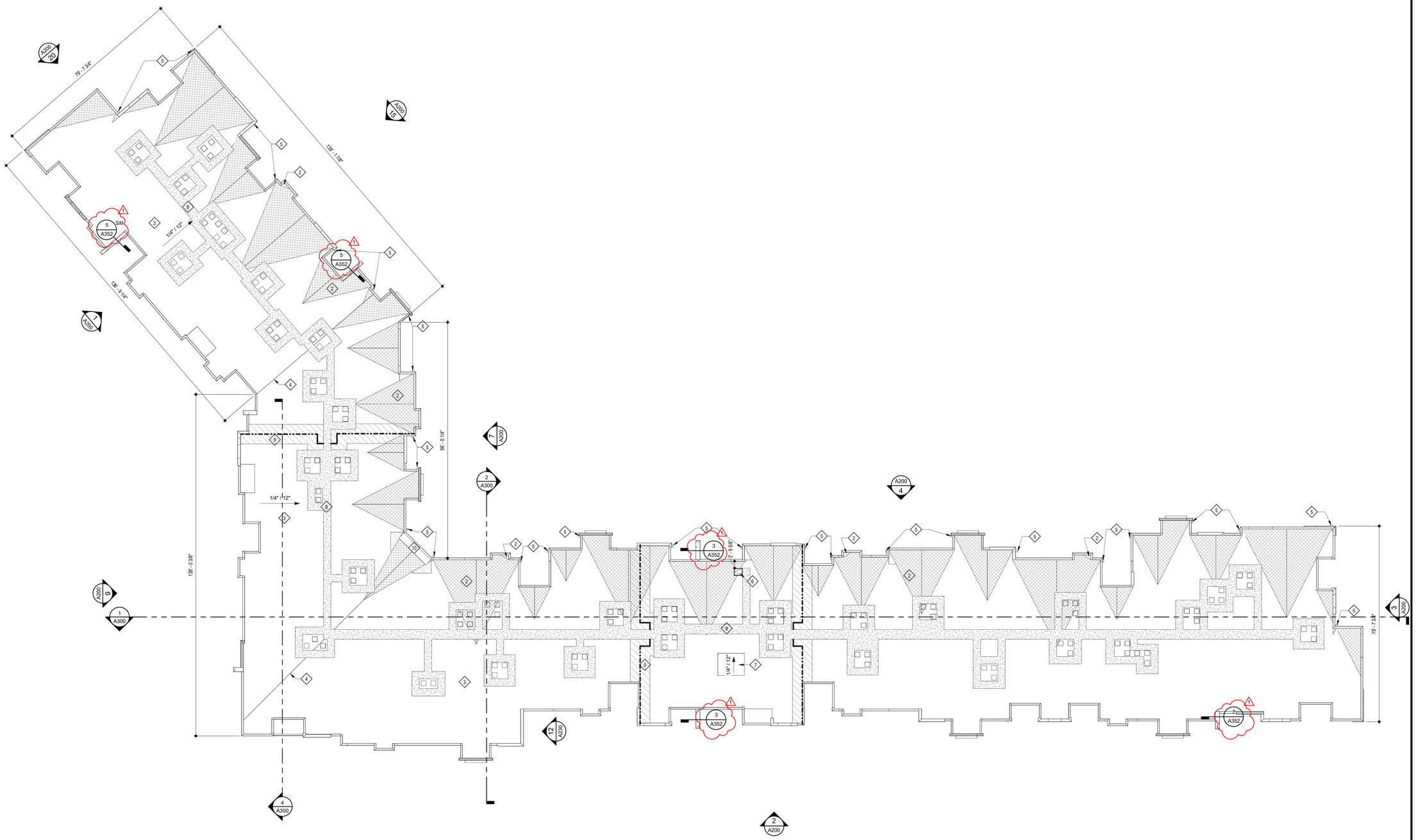
A. VERIFY LOCATIONS OF ALL ROOF PENETRATIONS WITH STRUCTURAL, M.E.P. AND ARCHITECTURAL DRAWINGS.

B. EXHAUST FANS AND VENTS TO BE LOCATED A MINIMUM OF 10'-0" FROM RTU's.

C. ALL ROOF EQUIPMENT TO BE MOUNTED ON CURBS. MECHANICAL SUBCONTRACTOR TO COORDINATE INSTALLATION AND ACCEPTANCE OF PREFABRICATED CURBS AND PENETRATIONS WITH ROOF MEMBRANE MANUFACTURER. GENERAL CONTRACTOR TO PROVIDE ALL REQUIRED BLOCKING, NAILING, ETC. AS REQUIRED FOR A WATERTIGHT BUILDING.

D. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE INSTALLATION OF ALL FLASHING, BLOCKING, NAILERS, INSULATION STOPS, CRICKETS, ETC. NECESSARY FOR A COMPLETE, WARRANTED AND WATERTIGHT INSTALLATION.

E. ALL ROOF SLOPES ARE TO HAVE A MINIMUM OF 1/4" FALL WHERE CRICKETS AND VALLEYS OCCUR. CRICKETS ARE TO BE PROVIDED WITH SUFFICIENT DEPTH AND SLOPE TO ACCOMMODATE A MINIMUM 1/4" PER FOOT FALL AT VALLEY.



4 **BLDG 1 - ROOF PLAN**
SCALE: 1/16" = 1'-0"

8.17.2021

TR¡ 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

1	PERMIT COMMENTS	8.17.2021

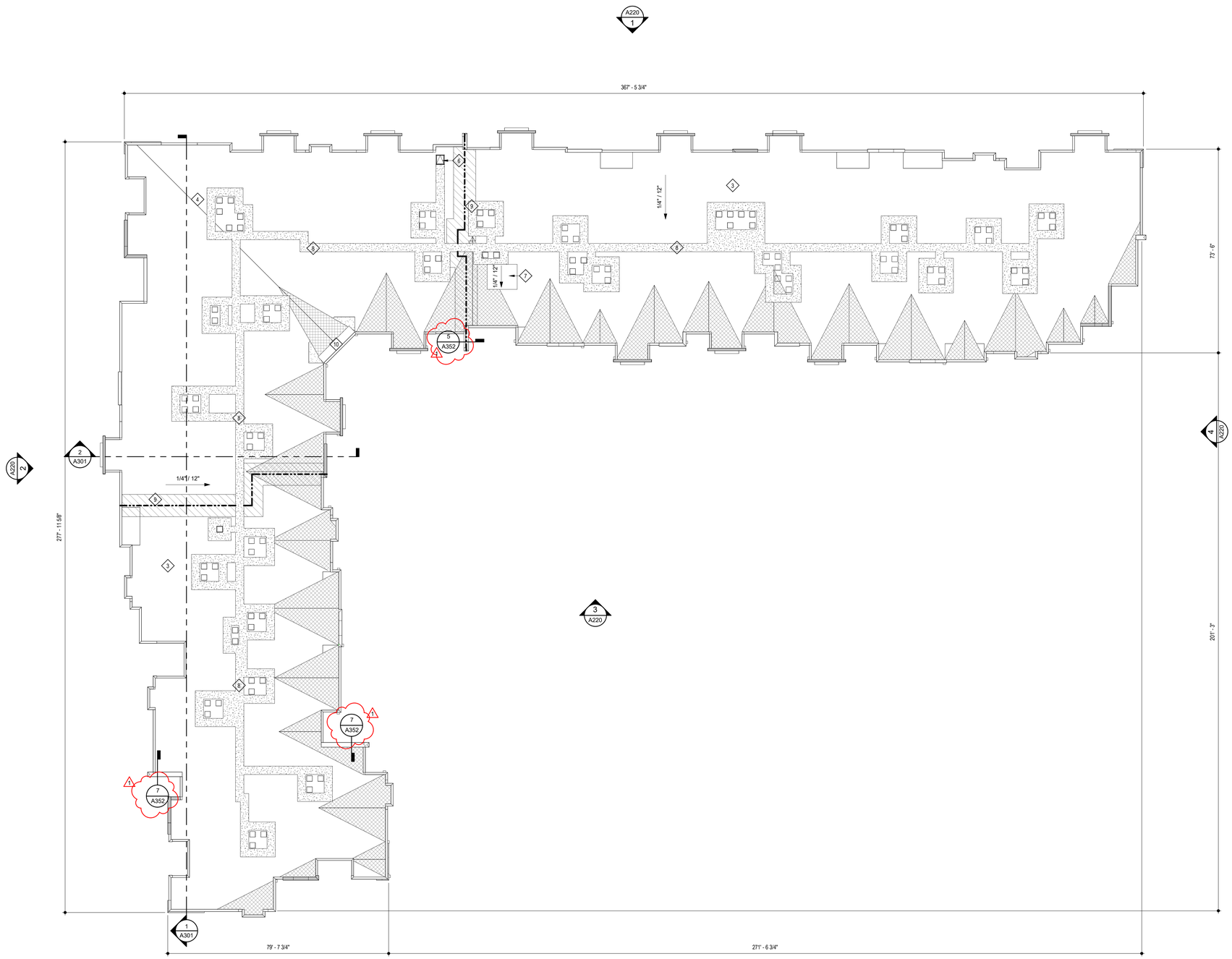
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TR¡ PROJECT NO. 20-001

SHEET NO.

A110

BLDG 1 - ROOF PLAN



ROOF GENERAL NOTES

A. VERIFY LOCATIONS OF ALL ROOF PENETRATIONS WITH STRUCTURAL, M.E.P. AND ARCHITECTURAL DRAWINGS.

B. EXHAUST FANS AND VENTS TO BE LOCATED A MINIMUM OF 10'-0" FROM RTU's.

C. ALL ROOF EQUIPMENT TO BE MOUNTED ON CURBS. MECHANICAL SUBCONTRACTOR TO COORDINATE INSTALLATION AND ACCEPTANCE OF PREFABRICATED CURBS AND PENETRATIONS WITH ROOF MEMBRANE MANUFACTURER. GENERAL CONTRACTOR TO PROVIDE ALL REQUIRED BLOCKING, NAILING, ETC. AS REQUIRED FOR A WATERTIGHT BUILDING.

D. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE INSTALLATION OF ALL FLASHING, BLOCKING, NAILERS, INSULATION STOPS, CRICKETS, ETC. NECESSARY FOR A COMPLETE, WARRANTED AND WATERTIGHT INSTALLATION.

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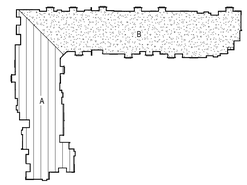
ROOF KEYED NOTES #9

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.
6. 2'-6" x 3'-0" ROOF ACCESS HATCH.
7. ELEVATOR OVERRUN.
8. PROVIDE WALKWAY PADS FROM ROOF ACCESS TO ALL ROOFTOP EQUIPMENT.
9. ROOF SHEATHING TO BE CONSTRUCTED OF FIRE RETARDANT TREATED WOOD 4'-0" EACH SIDE OF FIRE WALL, NO PENETRATIONS ALLOWED IN THIS AREA
10. STUD KICKER WITH PLYWOOD SHEATHING AND ROOFING MEMBRANE.

BLDG 2 DOWNSPOUT CALCS

AREA A:
16,804 S.F. / 10 DOWNSPOUTS = 1,680 S.F./D.S.
(SMACNA) TABLE 1-2 - 100 YEAR S.F./S.I. = 120
1,680 /120 = 14.00 SQUARE INCHES OF DOWNSPOUT AREA
USE (10) 4" SQ. DOWNSPOUTS

AREA B:
22,552 / 14 DOWNSPOUTS = 1,611 S.F. / D.S.
(SMACNA) TABLE 1-2 - 100 YEAR S.F./S.I. = 120
1,611 /120 = 13.425 SQUARE INCHES OF DOWNSPOUT AREA
USE (14) 4" SQ. DOWNSPOUTS



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

8.17.2021

ARCHITECT — TR¡ 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 #9

1 PERMIT COMMENTS 8.17.2021

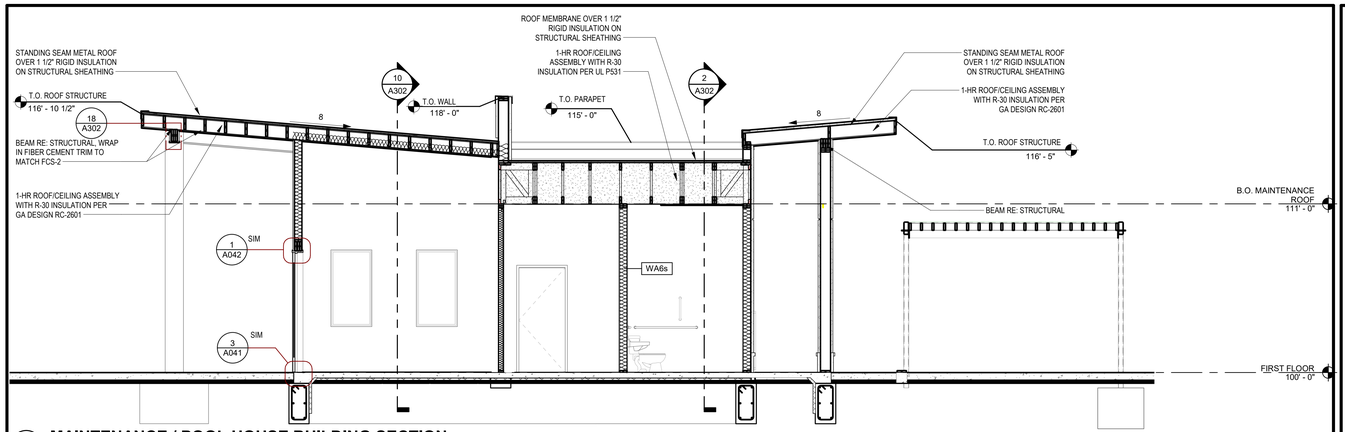
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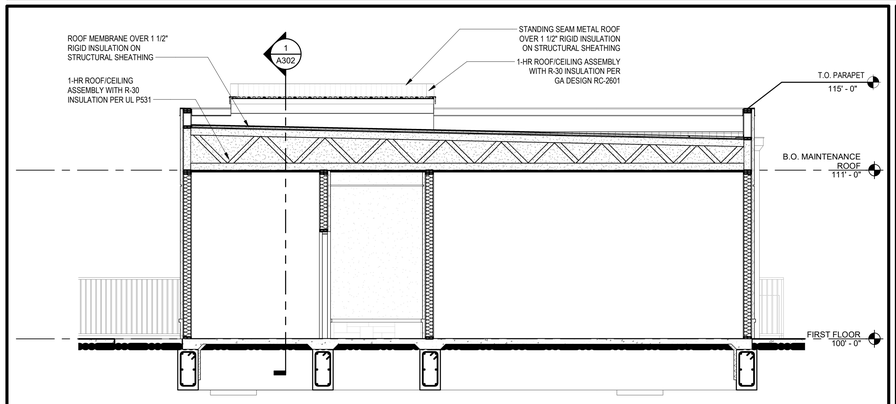
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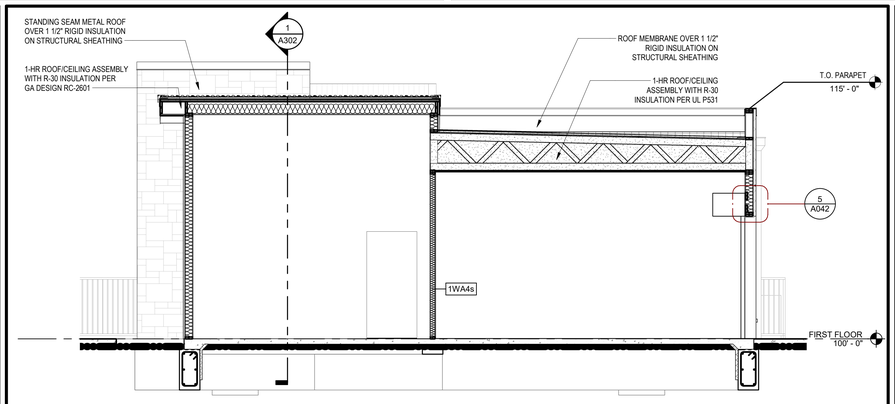
BLDG 2 - ROOF PLAN



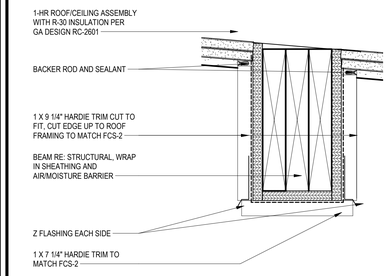
1 MAINTENANCE / POOL HOUSE BUILDING SECTION
SCALE: 1/4" = 1'-0"



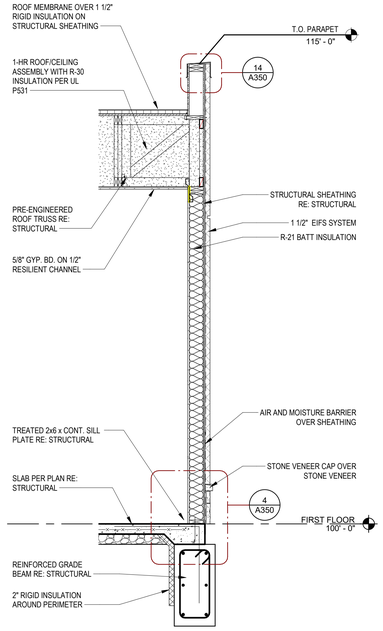
2 MAINTENANCE / POOL HOUSE BUILDING SECTION
SCALE: 1/4" = 1'-0"



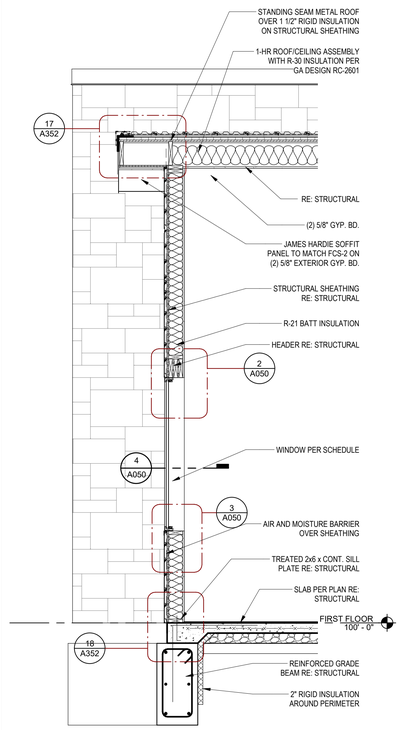
10 MAINTENANCE / POOL HOUSE BUILDING SECTION
SCALE: 1/4" = 1'-0"



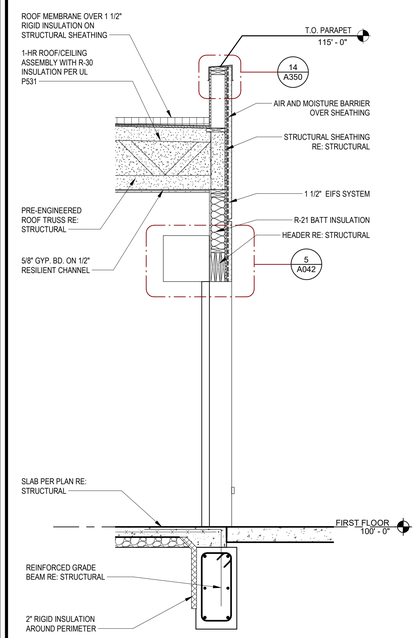
18 BEAM WRAP
SCALE: 3" = 1'-0"



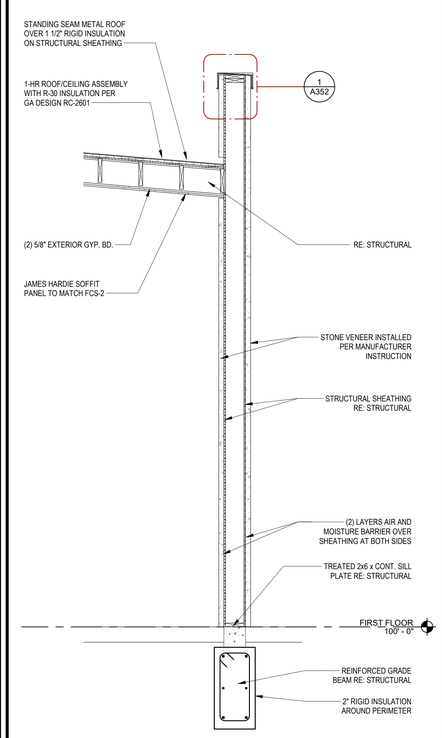
4 MAINTENANCE / POOL HOUSE TYPICAL WALL SECTION
SCALE: 1/2" = 1'-0"



8 MAINTENANCE / POOL HOUSE WALL SECTION @ ALUMINUM SIDING
SCALE: 1/2" = 1'-0"



12 MAINTENANCE / POOL HOUSE WALL SECTION @ GARAGE DOOR
SCALE: 1/2" = 1'-0"



16 MAINTENANCE / POOL HOUSE WALL SECTION @ STONE FIN WALL
SCALE: 1/2" = 1'-0"

8.17.2021

TR¡ ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
SM ENGINEERING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
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LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
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REVISIONS 2

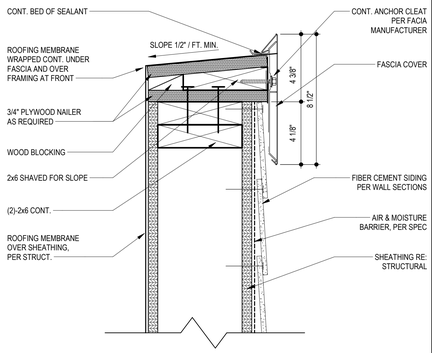
1	PERMIT COMMENTS	8.17.2021

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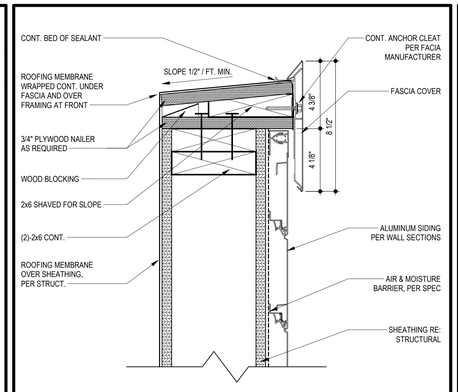
TR¡ PROJECT NO. 20-001

SHEET NO. A302

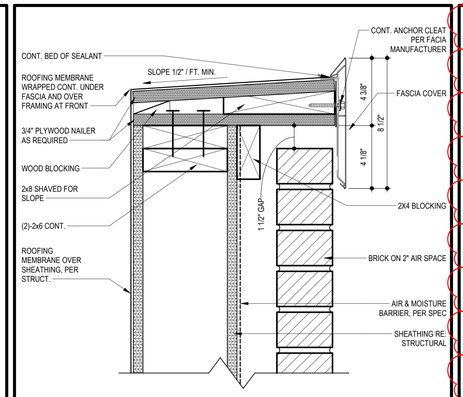
MAINTENANCE/POOL BUILDING & WALL SECTIONS



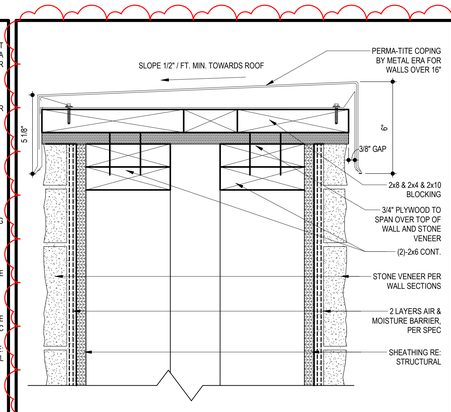
1 PARAPET COPING @ FIBER CEMENT SIDING
SCALE: 3" = 1'-0"



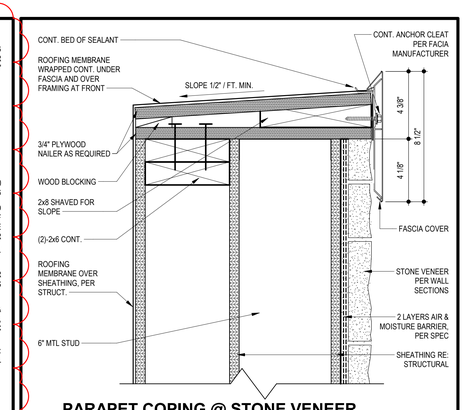
5 PARAPET COPING @ ALUMINUM SIDING
SCALE: 3" = 1'-0"



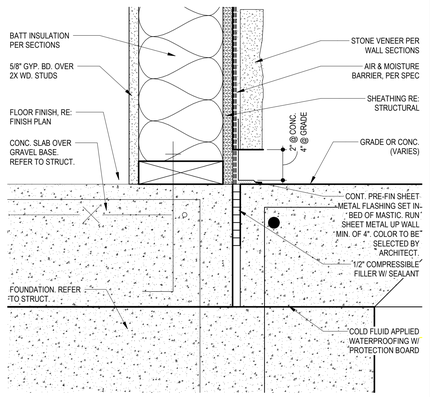
9 PARAPET COPING @ BRICK
SCALE: 3" = 1'-0"



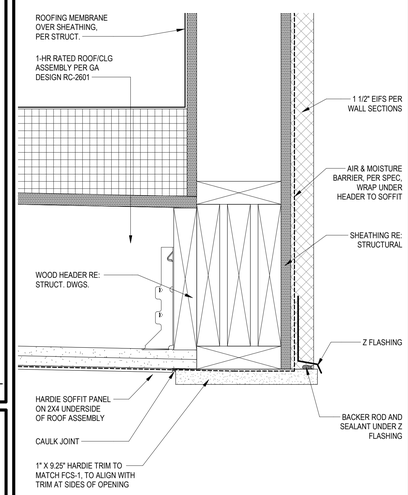
13 PARAPET @ STONE VENEER
SCALE: 3" = 1'-0"



17 PARAPET COPING @ STONE VENEER DOUBLE WALL
SCALE: 3" = 1'-0"

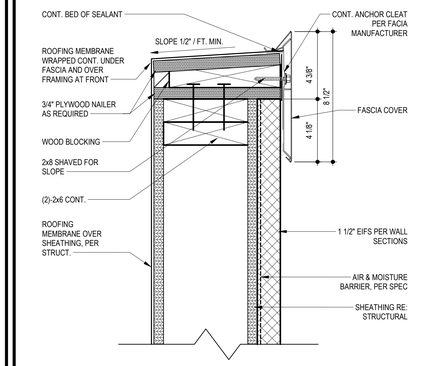


3 WALL BASE @ STONE VENEER
SCALE: 3" = 1'-0"

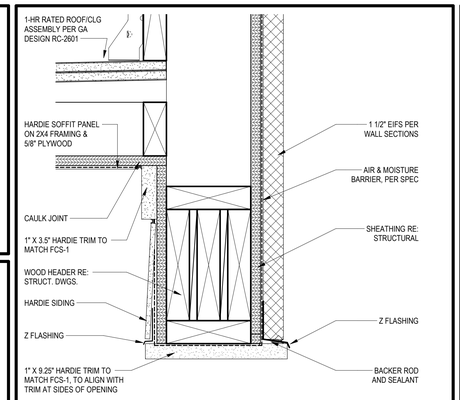


EIFS HEADER @ BALCONY OPENING @ ROOF SLOPE DOWN

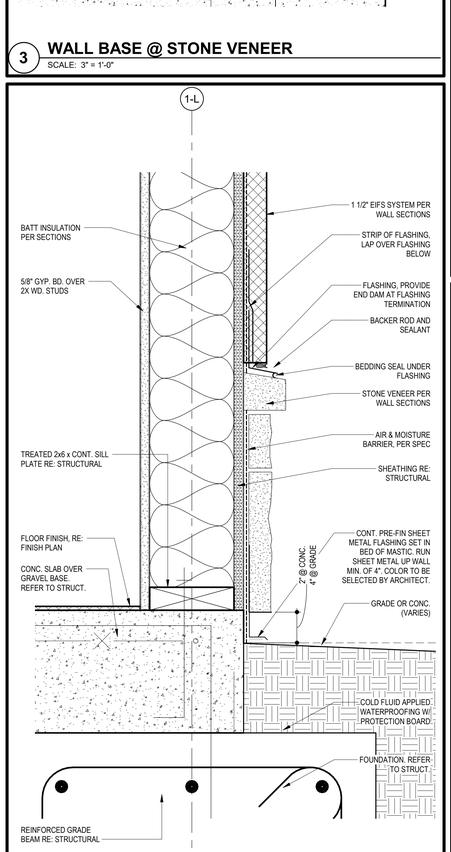
7
SCALE: 3" = 1'-0"



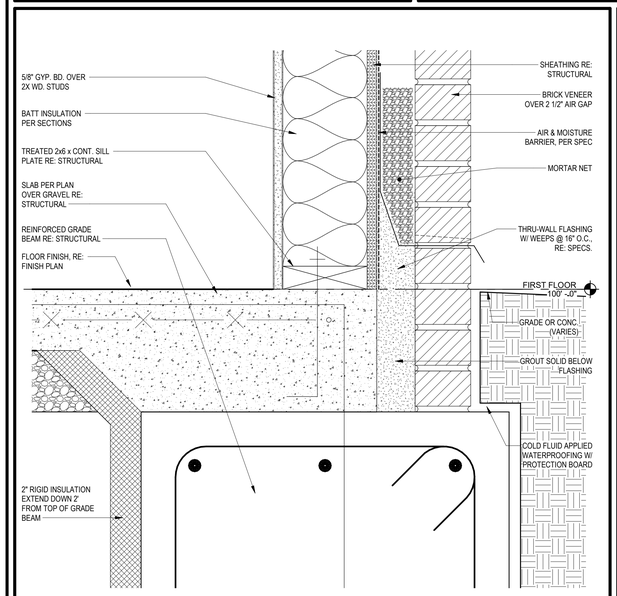
14 PARAPET COPING @ EIFS
SCALE: 3" = 1'-0"



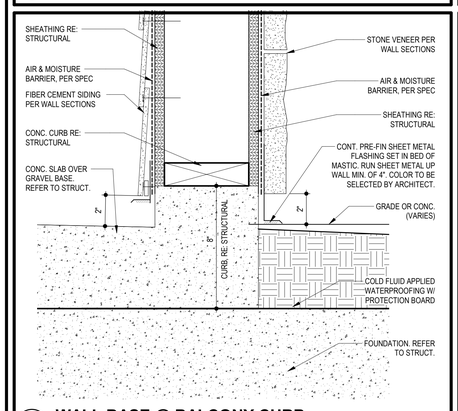
15 EIFS HEADER @ BALCONY OPENING
SCALE: 3" = 1'-0"



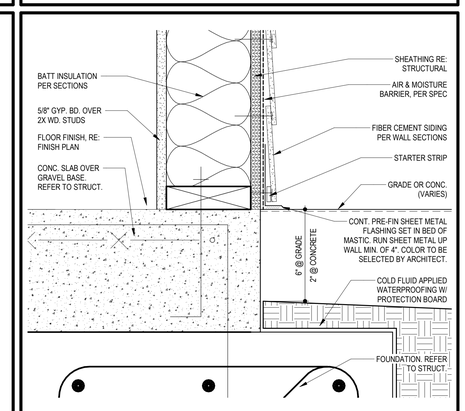
4 WALL BASE @ EIFS TO STONE VENEER BASE
SCALE: 3" = 1'-0"



8 WALL BASE @ BRICK
SCALE: 3" = 1'-0"



16 WALL BASE @ BALCONY CURB
SCALE: 3" = 1'-0"



20 WALL BASE @ FIBER CEMENT
SCALE: 3" = 1'-0"

ARCHITECT — TR¡ ARCHITECTS
STRUCTURAL ENGINEER — BOB D CAMPBELL & COMPANY
CIVIL ENGINEER — SM ENGINEERING
GENERAL CONTRACTOR — BRINKMANN CONSTRUCTORS
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ELECTRICAL ENGINEER — LATIMER SOMMERS & ASSOCIATES

8.17.2021

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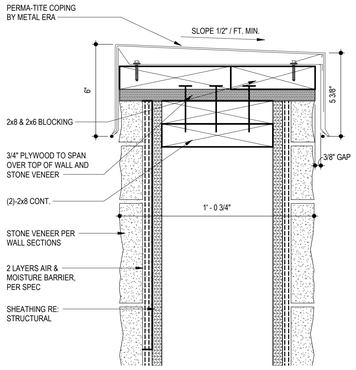
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SHEET NO.

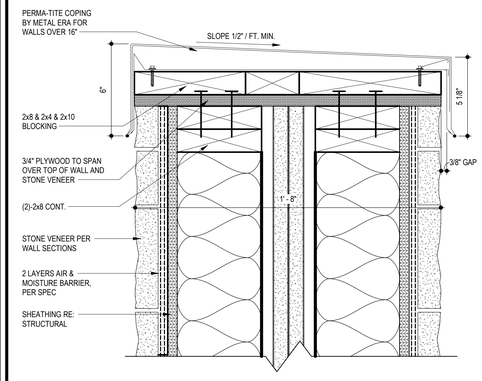
A350

WALL SECTION DETAILS



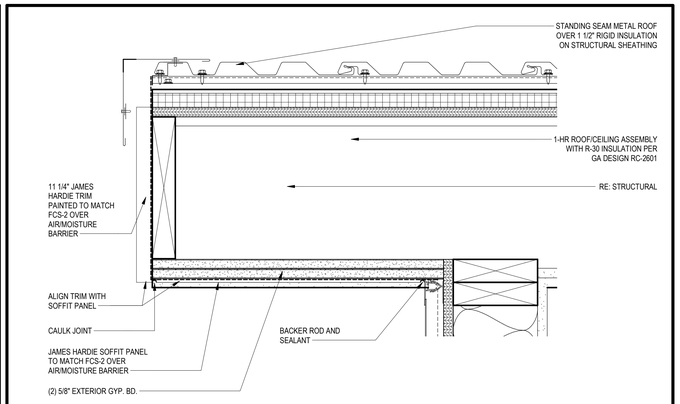
1 COPING @ STONE VENEER TWO SIDED WALL

SCALE: 3" = 1'-0"



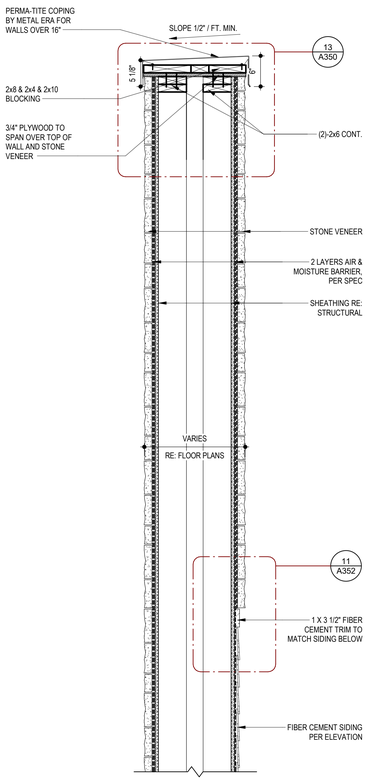
5 COPING @ FIRE WALL WITH STONE VENEER

SCALE: 3" = 1'-0"



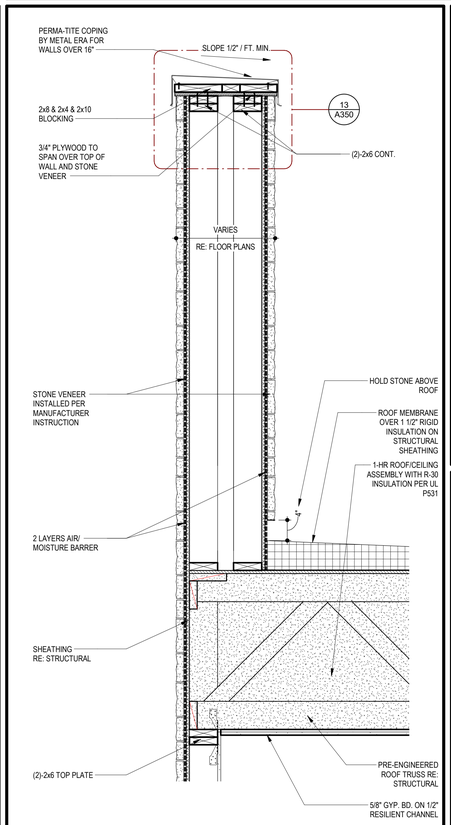
17 MAINTENANCE / POOL HOUSE ANGLED ROOF EDGE

SCALE: 3" = 1'-0"



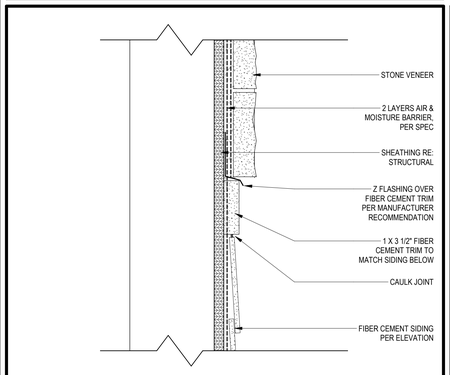
3 SECTION AT DOUBLE STONE VENEER WALL

SCALE: 1" = 1'-0"



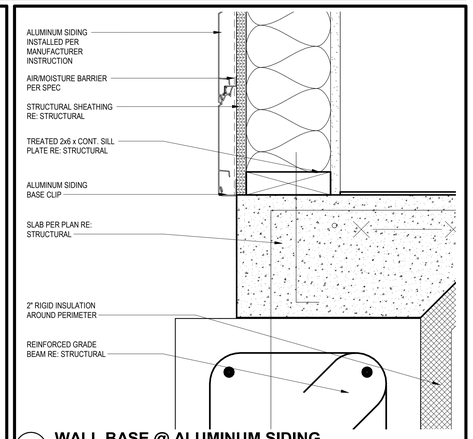
7 SECTION AT DOUBLE STONE VENEER WALL @ ROOF

SCALE: 1" = 1'-0"



11 STONE ABOVE FIBER CEMENT SIDING

SCALE: 3" = 1'-0"



18 WALL BASE @ ALUMINUM SIDING

SCALE: 3" = 1'-0"

8.17.2021

ARCHITECT — TR,i ARCHITECTS
STRUCTURAL ENGINEER — BOB D CAMPBELL & COMPANY
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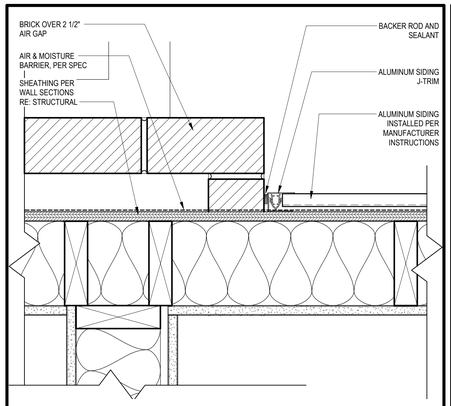
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TR,i PROJECT NO. 20-001

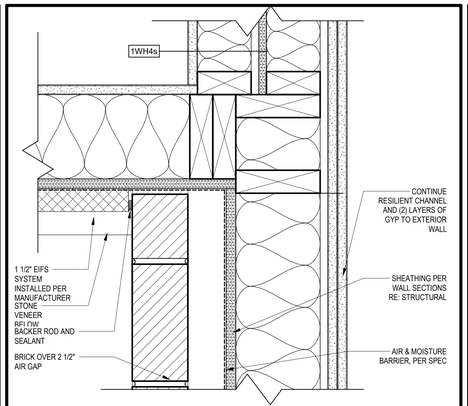
SHEET NO. A352

WALL SECTION DETAILS



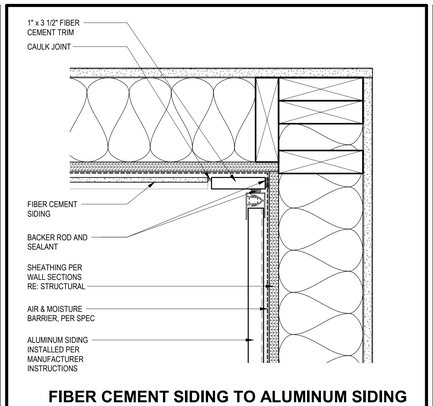
1 BRICK TO ALUMINUM SIDING TRANSITION

SCALE: 3" = 1'-0"



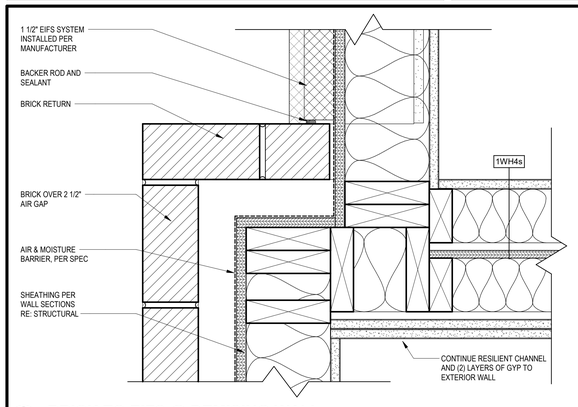
5 EIFS TO BRICK INSIDE CORNER

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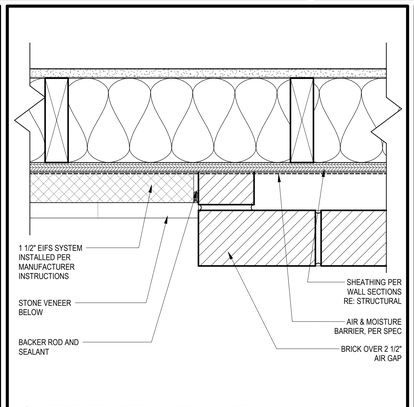
9 FIBER CEMENT SIDING TO ALUMINUM SIDING INSIDE CORNER

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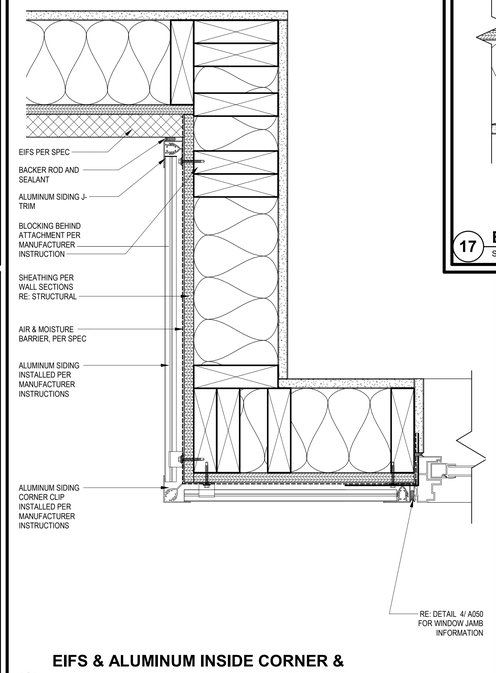
2 BRICK TO EIFS @ DEMISING WALL

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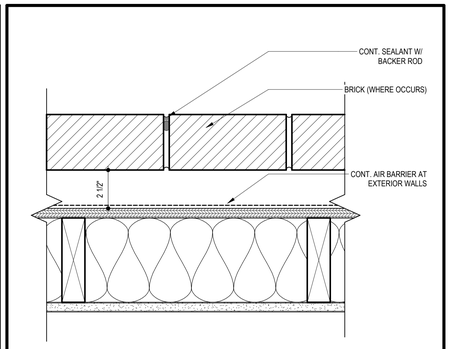
6 EIFS TO BRICK TRANSITION

SCALE: 3" = 1'-0"



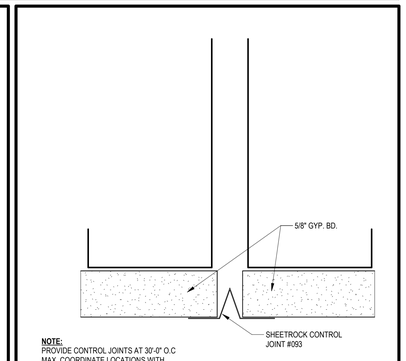
14 EIFS & ALUMINUM INSIDE CORNER & ALUMINUM SIDING OUTSIDE CORNER

SCALE: 3" = 1'-0"



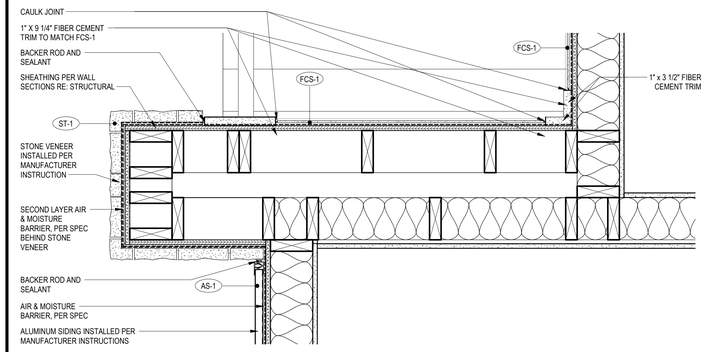
17 BRICK CONTROL JOINT

SCALE: 3" = 1'-0"



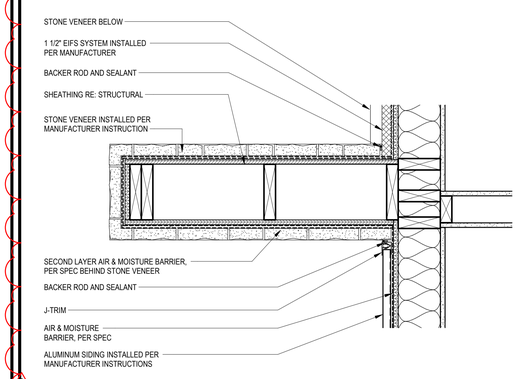
18 DRYWALL CONTROL JOINT

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



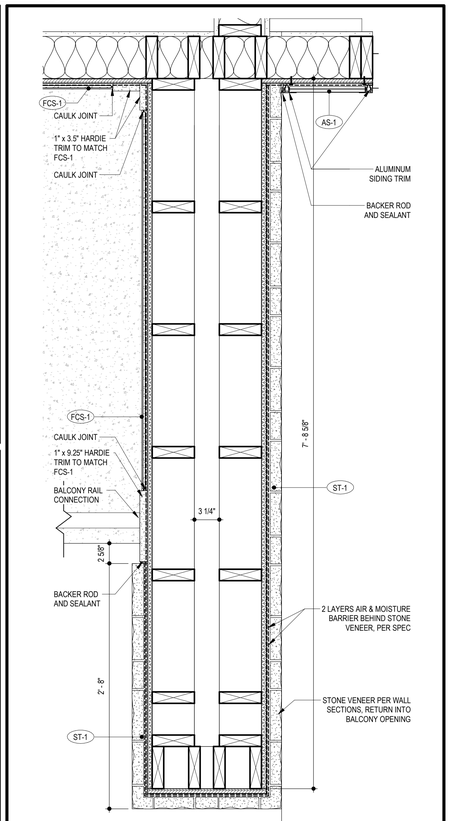
3 STONE VENEER BUMP OUT @ ALUMINUM SIDING & FIBER CEMENT SIDING

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



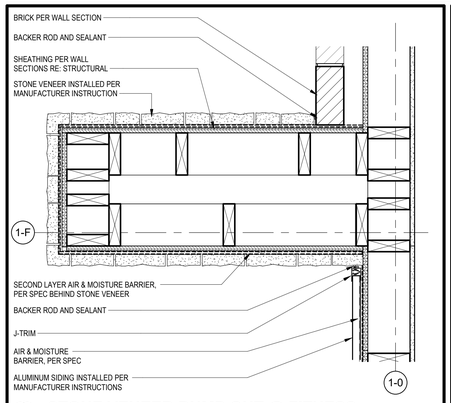
7 MAINTENANCE/POOL HOUSE STONE FIN WALL PLAN

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



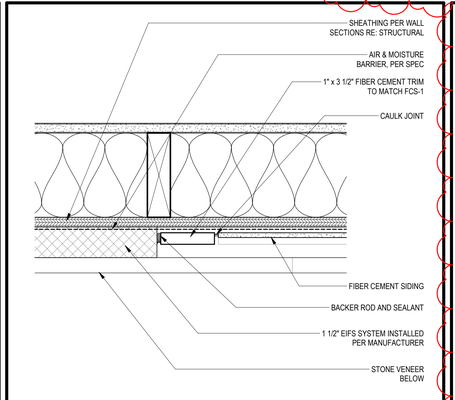
20 STONE FIN DETAIL

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



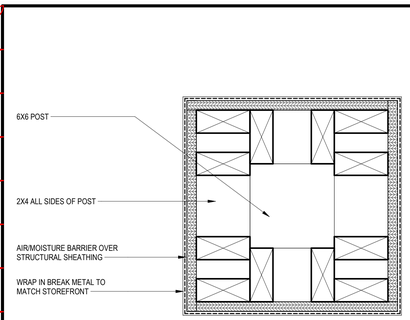
4 STONE VENEER BUMP OUT @ FITNESS

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



8 EIFS TO FIBER CEMENT SIDING TRANSITION

SCALE: 3" = 1'-0"



12 MAINTENANCE / POOL COLUMN DETAIL

SCALE: 3" = 1'-0"



8.17.2021

TR¡ 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

Together Development

The Signature at West Pryor

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TR¡ ARCHITECTS

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REVISIONS

1	PERMIT COMMENTS	8.17.2021

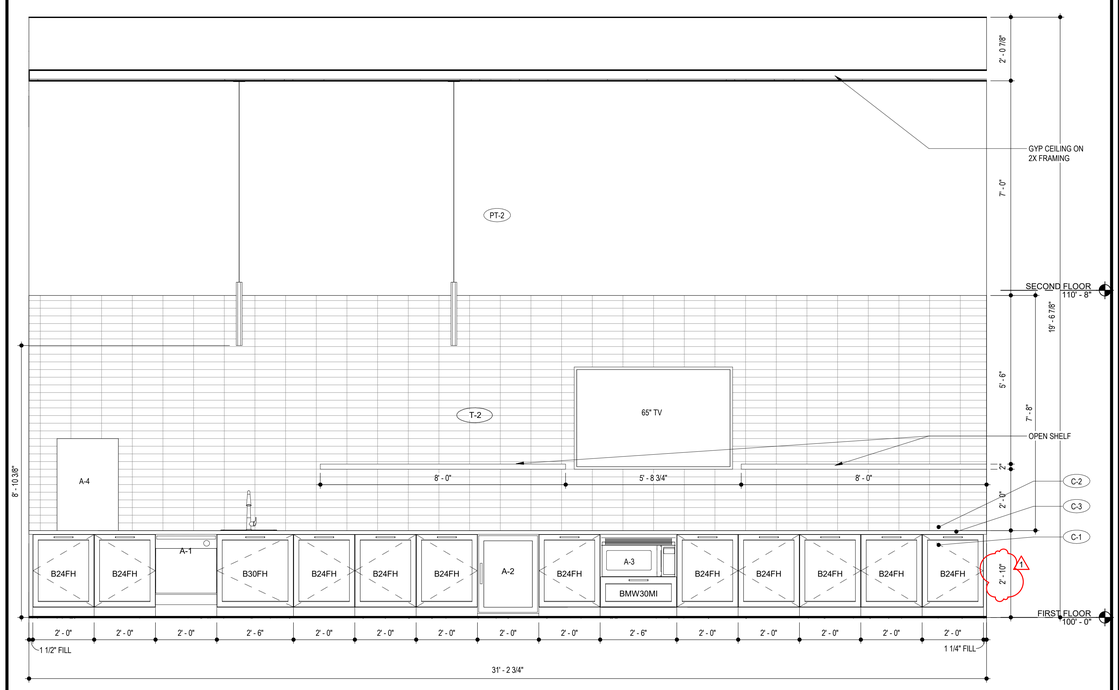
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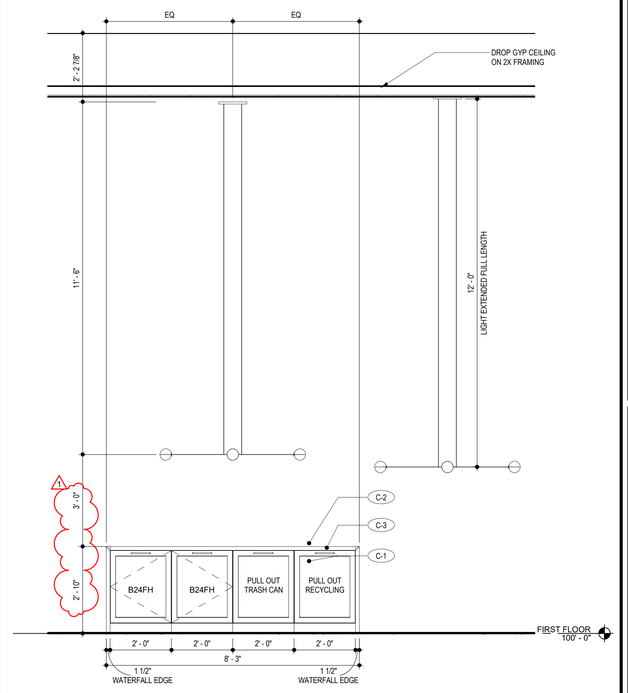
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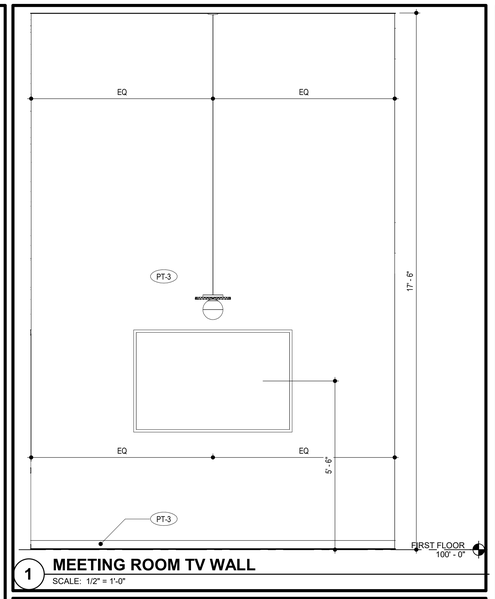
PLAN DETAILS



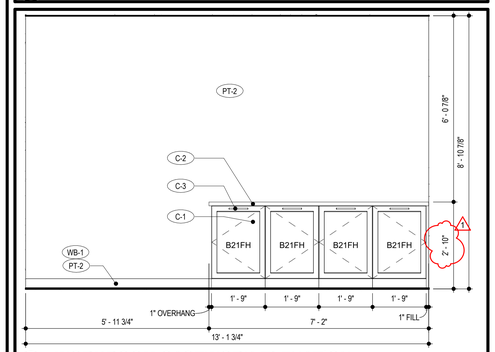
2 LOBBY ELEVATION
SCALE: 1/2" = 1'-0"



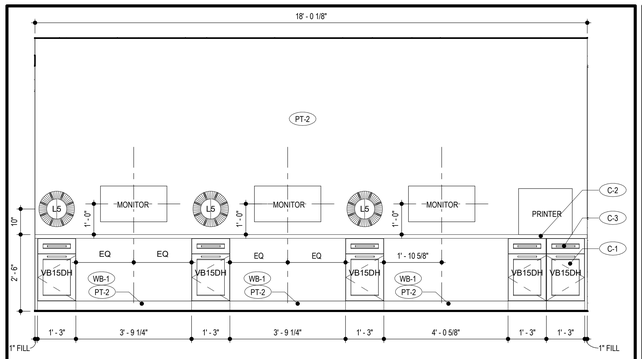
10 AMENITY ISLAND ELEVATION
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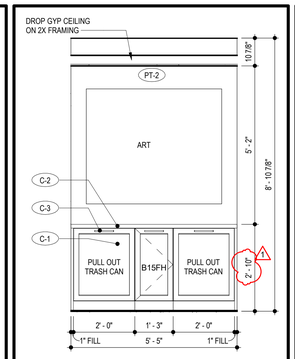
1 MEETING ROOM TV WALL
SCALE: 1/2" = 1'-0"



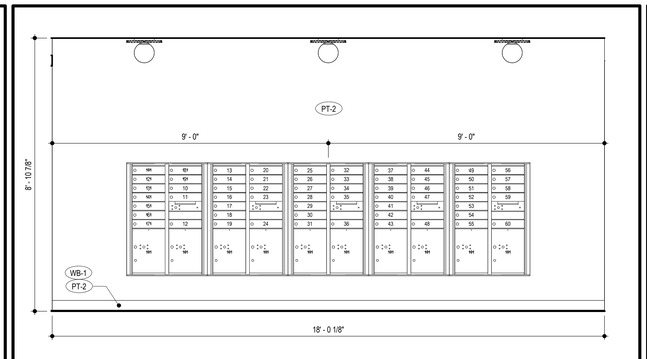
18 WORKROOM CASEWORK ELEVATION
SCALE: 1/2" = 1'-0"



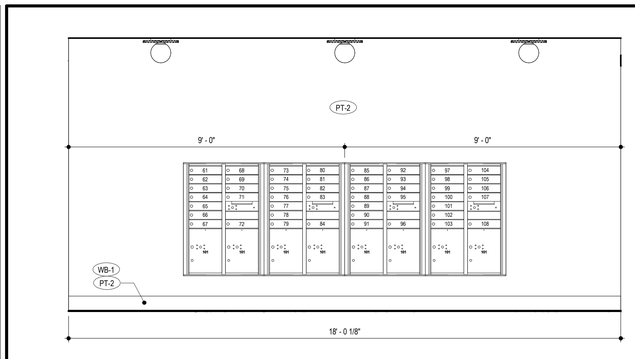
3 CYBER LOUNGE ELEVATION
SCALE: 1/2" = 1'-0"



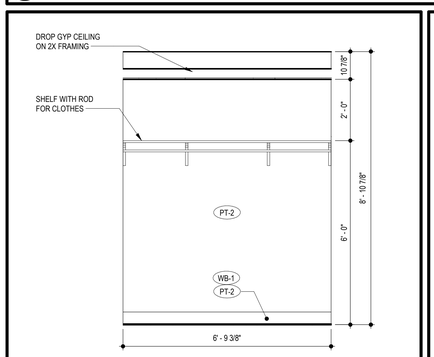
7 MAILROOM WORKSPACE
SCALE: 1/2" = 1'-0"



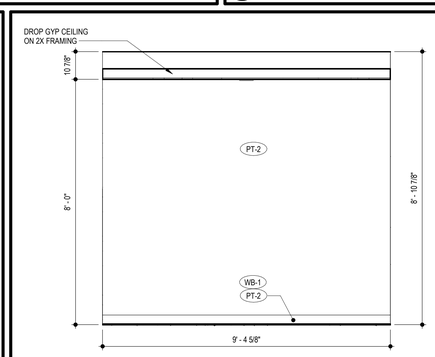
11 MAILROOM ELEVATION
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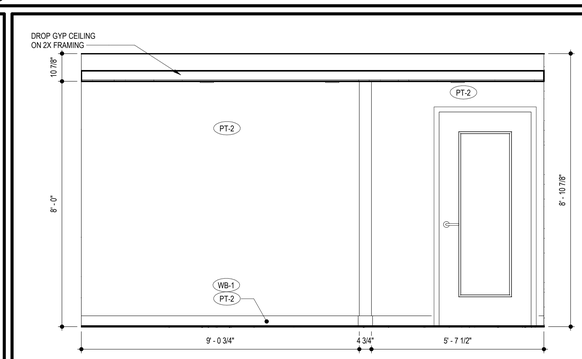
15 MAILROOM ELEVATION
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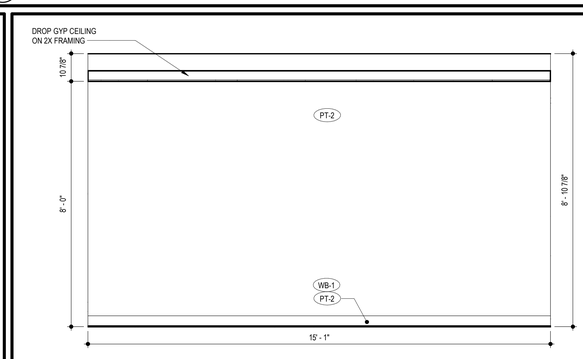
4 PACKAGE ROOM ELEVATION
SCALE: 1/2" = 1'-0"



8 PACKAGE ROOM ELEVATION
SCALE: 1/2" = 1'-0"



12 PACKAGE ROOM ELEVATION
SCALE: 1/2" = 1'-0"



16 PACKAGE ROOM ELEVATION
SCALE: 1/2" = 1'-0"

TR¡ 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

STATE OF MISSOURI
JOSEPH A. TEGETHOFF
2006021
REGISTERED ARCHITECT
8.17.2021

Tegethoff DEVELOPMENT

The Signature at West Pryor

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REVISIONS / #

1 PERMIT COMMENTS 8.17.2021

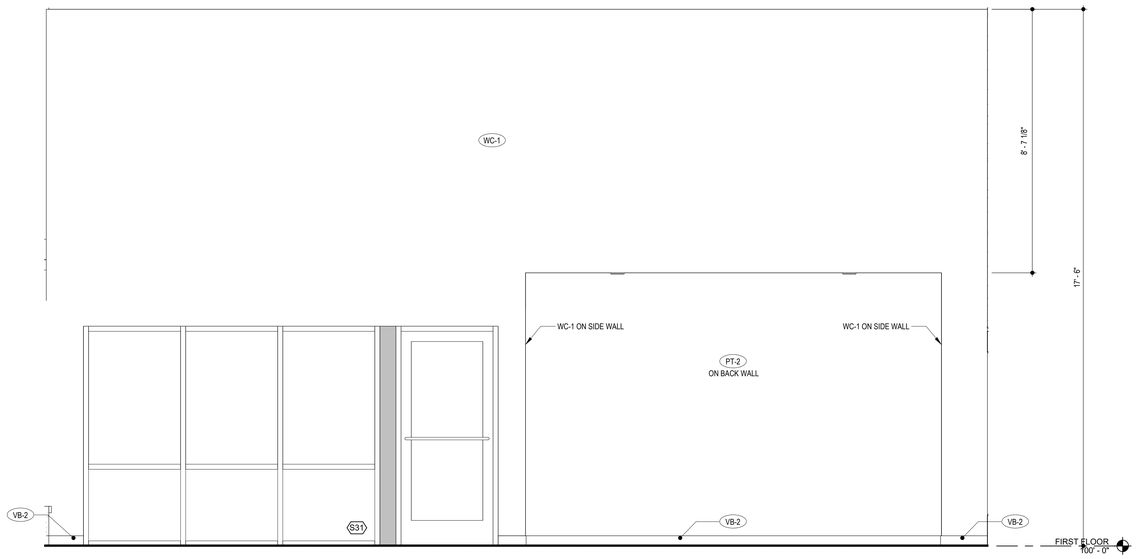
DWG BY MKSS

TR¡ PROJECT NO. 20-001

SHEET NO.

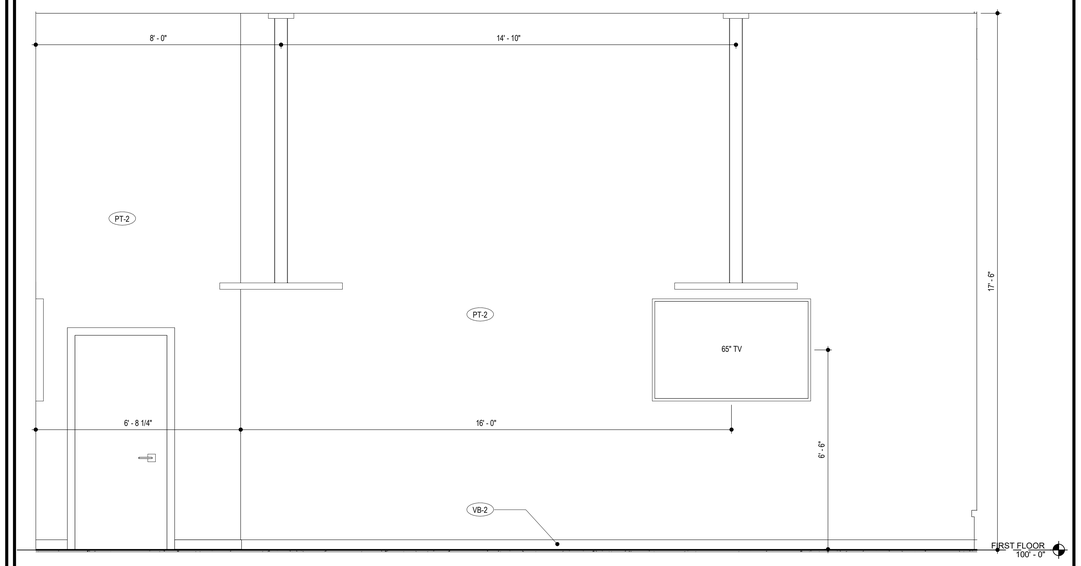
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BLDG 1 - INTERIOR ELEVATIONS



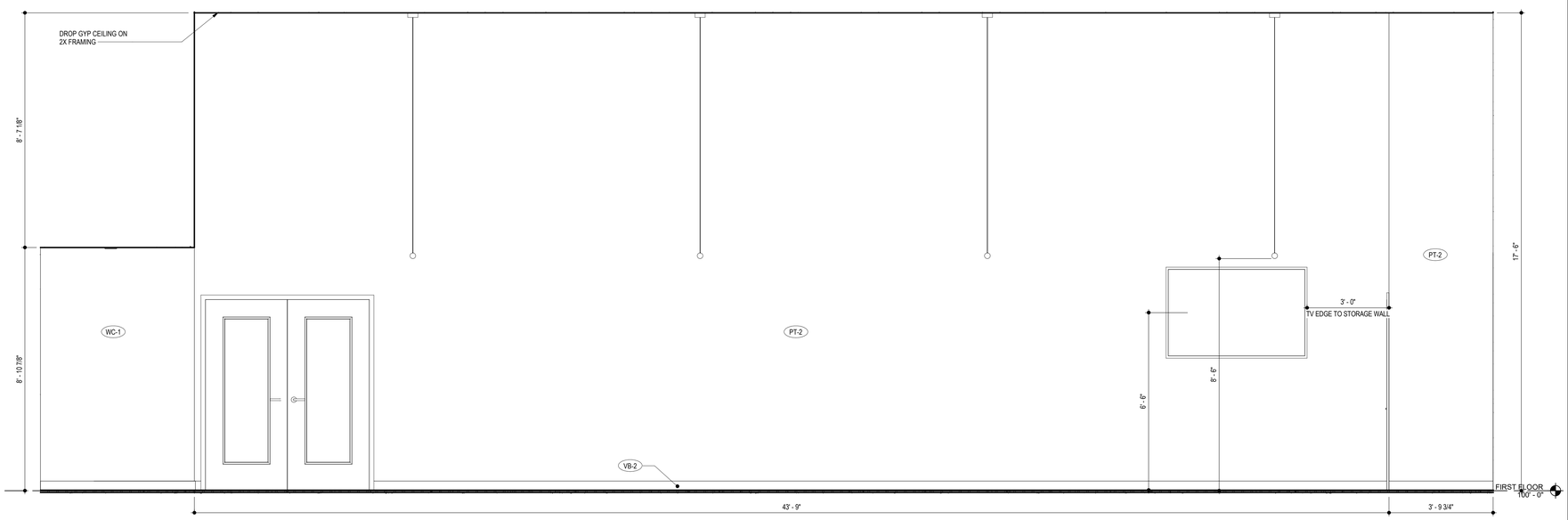
2 FITNESS ROOM NORTH ELEVATION

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



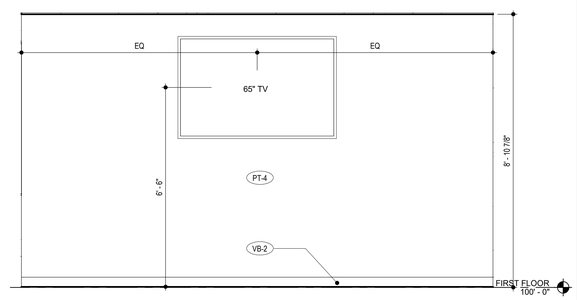
5 FITNESS ROOM SOUTH ELEVATION

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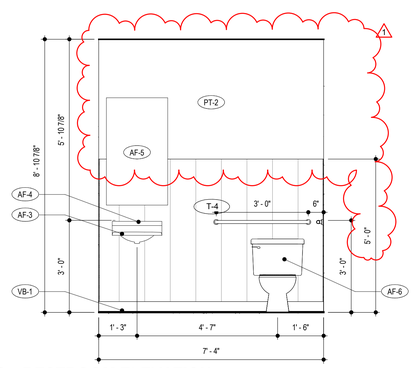
3 FITNESS ROOM EAST ELEVATION

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



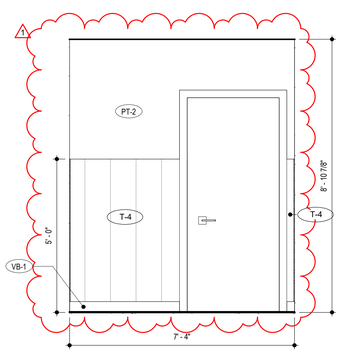
4 YOGA ROOM TV ELEVATION

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



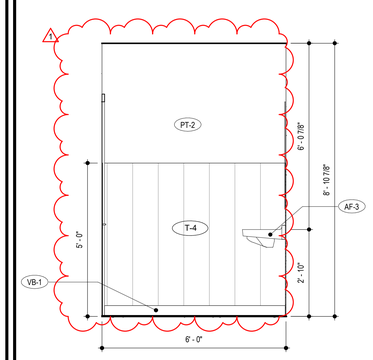
8 RESTROOM ELEVATION

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



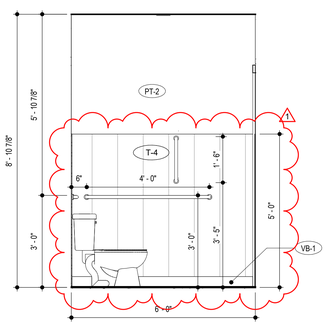
12 RESTROOM ELEVATION-DOOR

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



16 RESTROOM ELEVATION-SINK

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



20 RESTROOM ELEVATION-TOILET

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

8.17.2021

ARCHITECT — TRi 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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LEE'S SUMMIT, MISSOURI 64081

TRi ARCHITECTS

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St. Louis, Missouri 63144
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T: 314-395-9750
www.triarchitects.com

DATE: 7.15.2021

REVISIONS / #

1 PERMIT COMMENTS 8.17.2021

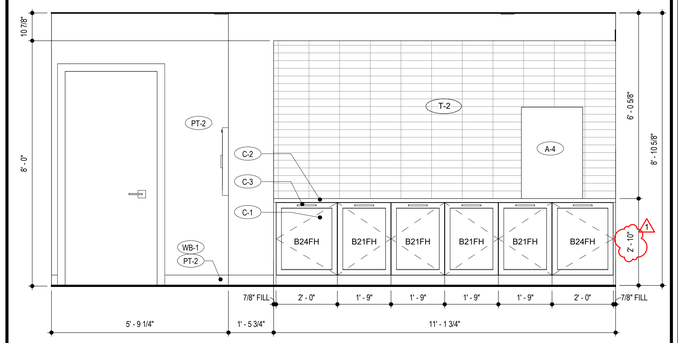
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TRi PROJECT NO. 20-001

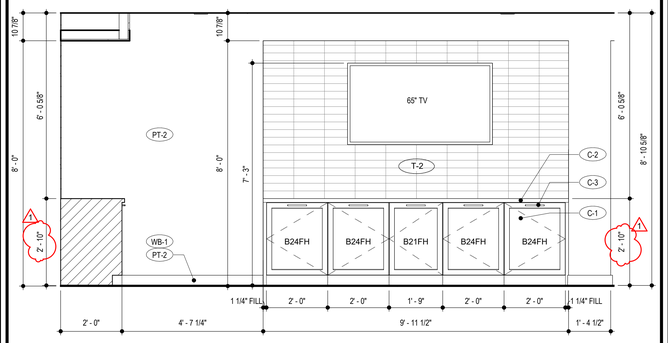
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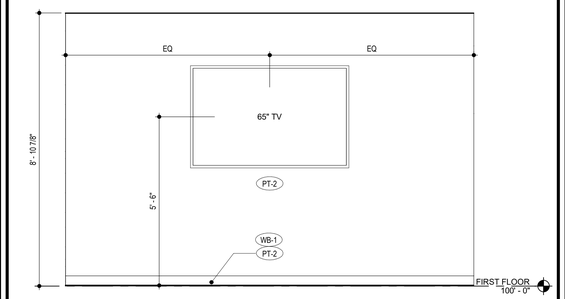
BLDG 1 - INTERIOR ELEVATIONS



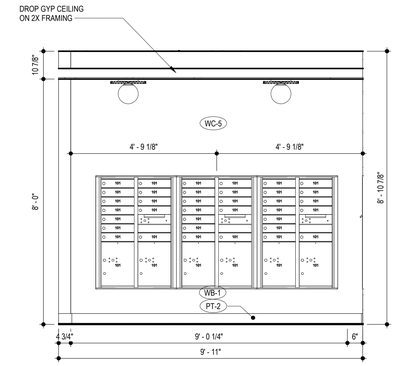
1 COFFEE BAR ELEVATION
SCALE: 1/2" = 1'-0"



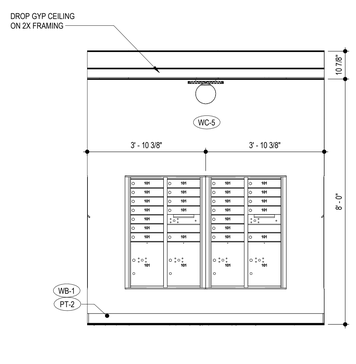
5 COFFEE BAR ELEVATION
SCALE: 1/2" = 1'-0"



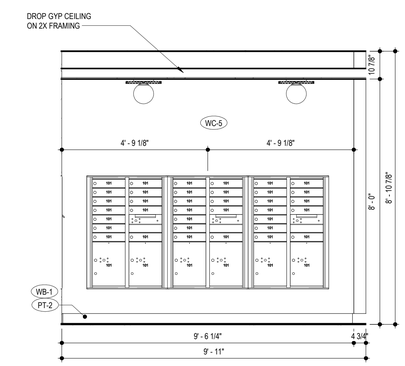
13 BLDG 2 MEETING ROOM TV WALL
SCALE: 1/2" = 1'-0"



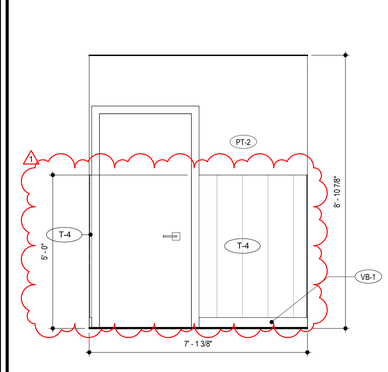
2 MAILROOM ELEVATION
SCALE: 1/2" = 1'-0"



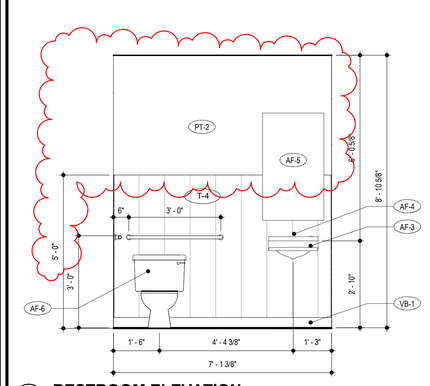
6 MAILROOM ELEVATION
SCALE: 1/2" = 1'-0"



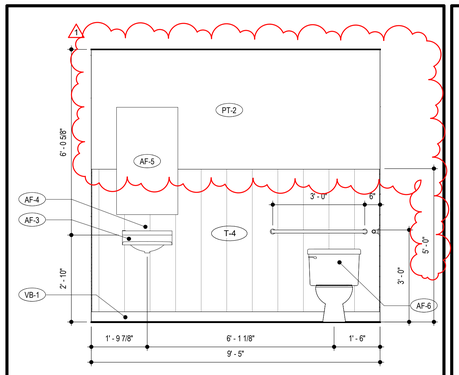
10 MAILROOM ELEVATION
SCALE: 1/2" = 1'-0"



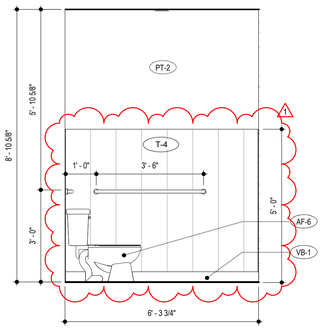
14 RESTROOM ELEVATION-DOOR
SCALE: 1/2" = 1'-0"



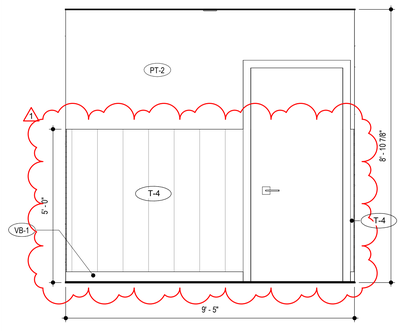
18 RESTROOM ELEVATION
SCALE: 1/2" = 1'-0"



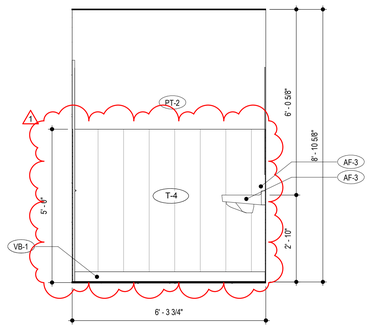
3 RESTROOM ELEVATION
SCALE: 1/2" = 1'-0"



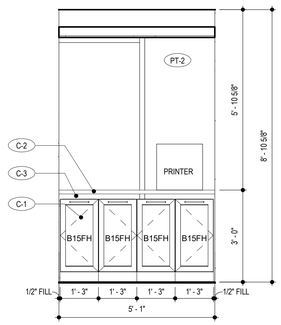
7 RESTROOM ELEVATION-TOILET
SCALE: 1/2" = 1'-0"



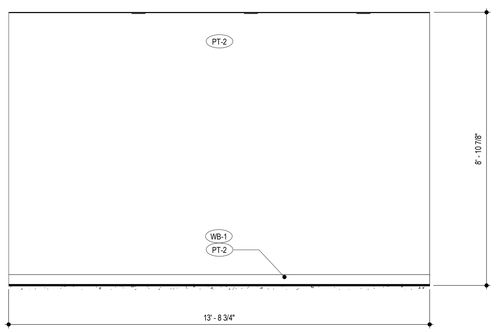
11 RESTROOM ELEVATION-DOOR
SCALE: 1/2" = 1'-0"



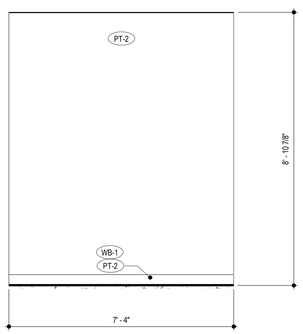
15 RESTROOM ELEVATION-SINK
SCALE: 1/2" = 1'-0"



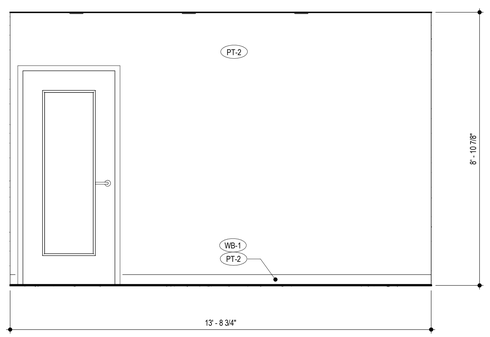
4 WORK STATION ELEVATION
SCALE: 1/2" = 1'-0"



8 PACKAGE ROOM ELEVATION
SCALE: 1/2" = 1'-0"



12 PACKAGE ROOM ELEVATION
SCALE: 1/2" = 1'-0"



16 PACKAGE ROOM ELEVATION
SCALE: 1/2" = 1'-0"

8.17.2021

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

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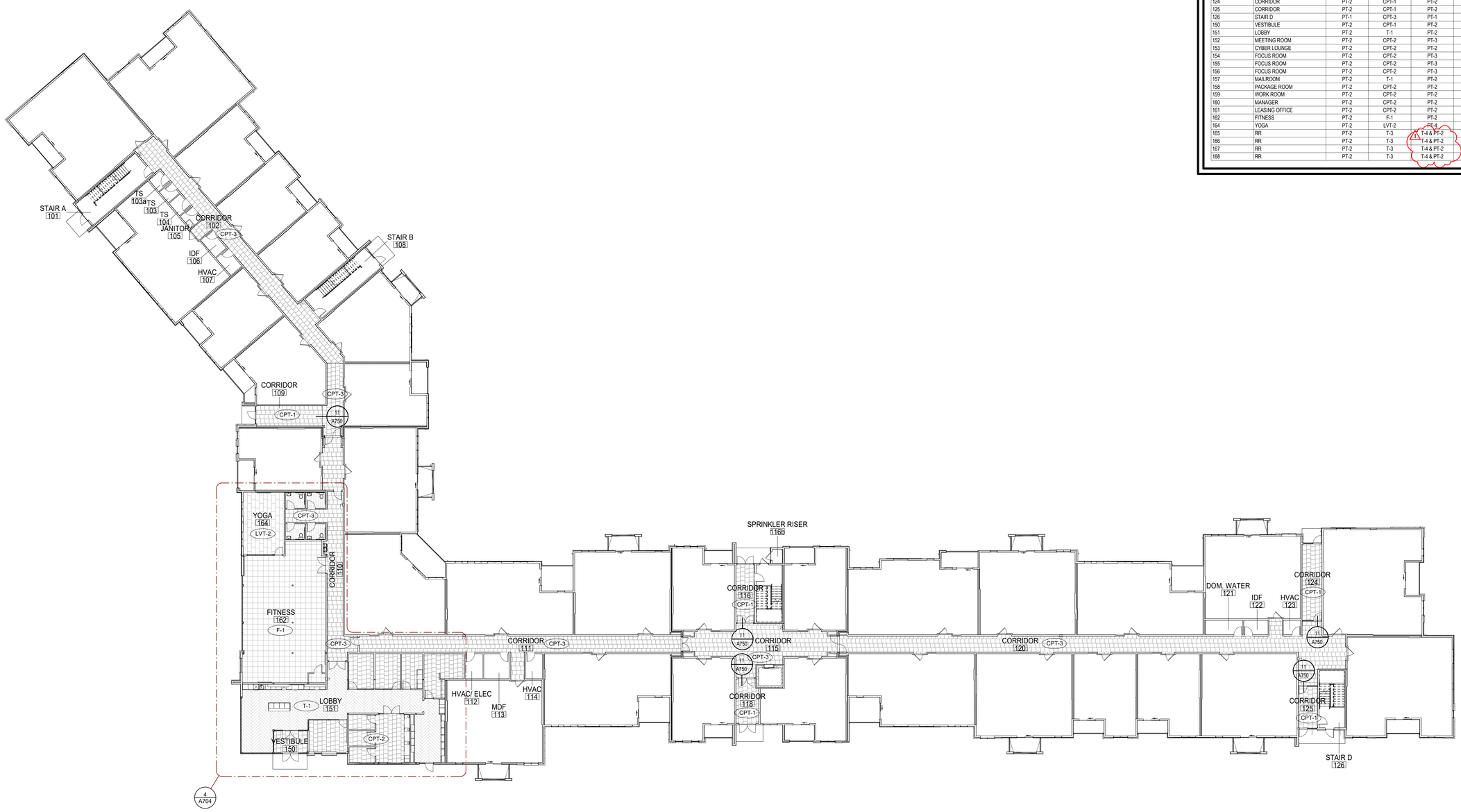
TR¡ PROJECT NO. 20-001

SHEET NO.

A650

BLDG 2 - INTERIOR ELEVATIONS

BUILDING 1 LEVEL 1 ROOM FINISHES					
ROOM NUMBER	NAME	CEILING FINISH	FLOOR FINISH	WALL FINISH	BASE FINISH
101	STAIR A	PT-1	CPT-3	PT-1	VB-2
102	CORRIDOR	PT-2	CPT-3	PT-2	PT-2
103	TS	PT-2	SEALED CONCRETE	PT-2	VB-1
103a	TS	PT-2	SEALED CONCRETE	PT-2	VB-1
104	TS	PT-2	SEALED CONCRETE	PT-2	VB-1
105	JANITOR	PT-2	SEALED CONCRETE	PT-2 EPOXY 1	VB-1
106	IDF	PT-2	SEALED CONCRETE	PT-2	VB-1
107	HVAC	PT-2	SEALED CONCRETE	PT-2	VB-1
108	STAIR B	PT-1	CPT-3	PT-1	VB-2
109	CORRIDOR	PT-2	CPT-1	PT-2	PT-2
110	CORRIDOR	PT-2	CPT-3	PT-2	PT-2
111	CORRIDOR	PT-2	CPT-3	PT-2	PT-2
112	HVAC/ ELEC	PT-2	SEALED CONCRETE	PT-2	VB-1
113	MDF	PT-2	SEALED CONCRETE	PT-2	VB-1
114	HVAC	PT-2	SEALED CONCRETE	PT-2	VB-1
115	CORRIDOR	PT-2	CPT-3	PT-2	PT-2
116	CORRIDOR	PT-2	CPT-1	PT-2	PT-2
116b	SPRINKLER RISER	PT-2	SEALED CONCRETE	PT-2	VB-1
117	STAIR C	PT-1	CPT-3	PT-1	VB-2
118	CORRIDOR	PT-2	CPT-1	PT-2	PT-2
120	CORRIDOR	PT-2	CPT-3	PT-2	PT-2
121	DOM. WATER	PT-2	SEALED CONCRETE	PT-2	VB-1
122	IDF	PT-2	SEALED CONCRETE	PT-2	VB-1
123	HVAC	PT-2	SEALED CONCRETE	PT-2	VB-1
124	CORRIDOR	PT-2	CPT-1	PT-2	PT-2
125	CORRIDOR	PT-2	CPT-1	PT-2	PT-2
126	STAIR D	PT-1	CPT-3	PT-1	VB-2
150	VESTIBULE	PT-2	CPT-1	PT-2	PT-2
151	LOBBY	PT-2	T-1	PT-2	PT-2
152	MEETING ROOM	PT-2	CPT-2	PT-3	PT-3
153	CYBER LOUNGE	PT-2	CPT-2	PT-2	PT-2
154	FOCUS ROOM	PT-2	CPT-2	PT-3	PT-3
155	FOCUS ROOM	PT-2	CPT-2	PT-3	PT-3
156	FOCUS ROOM	PT-2	CPT-2	PT-3	PT-3
157	MAILROOM	PT-2	T-1	PT-2	PT-2
158	PACKAGE ROOM	PT-2	CPT-2	PT-2	PT-2
159	WORK ROOM	PT-2	CPT-2	PT-2	PT-2
160	MANAGER	PT-2	CPT-2	PT-2	PT-2
161	LEASING OFFICE	PT-2	CPT-2	PT-2	PT-2
162	FITNESS	PT-2	F-1	PT-2	VB-2
164	YOGA	PT-2	LVT-2	PT-2	VB-2
165	RR	PT-2	T-3	T-4 & PT-2 1	VB-1
166	RR	PT-2	T-3	T-4 & PT-2	VB-1
167	RR	PT-2	T-3	T-4 & PT-2	VB-1
168	RR	PT-2	T-3	T-4 & PT-2	VB-1



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

8.17.2021

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SM ENGINEERING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
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REVISIONS 4

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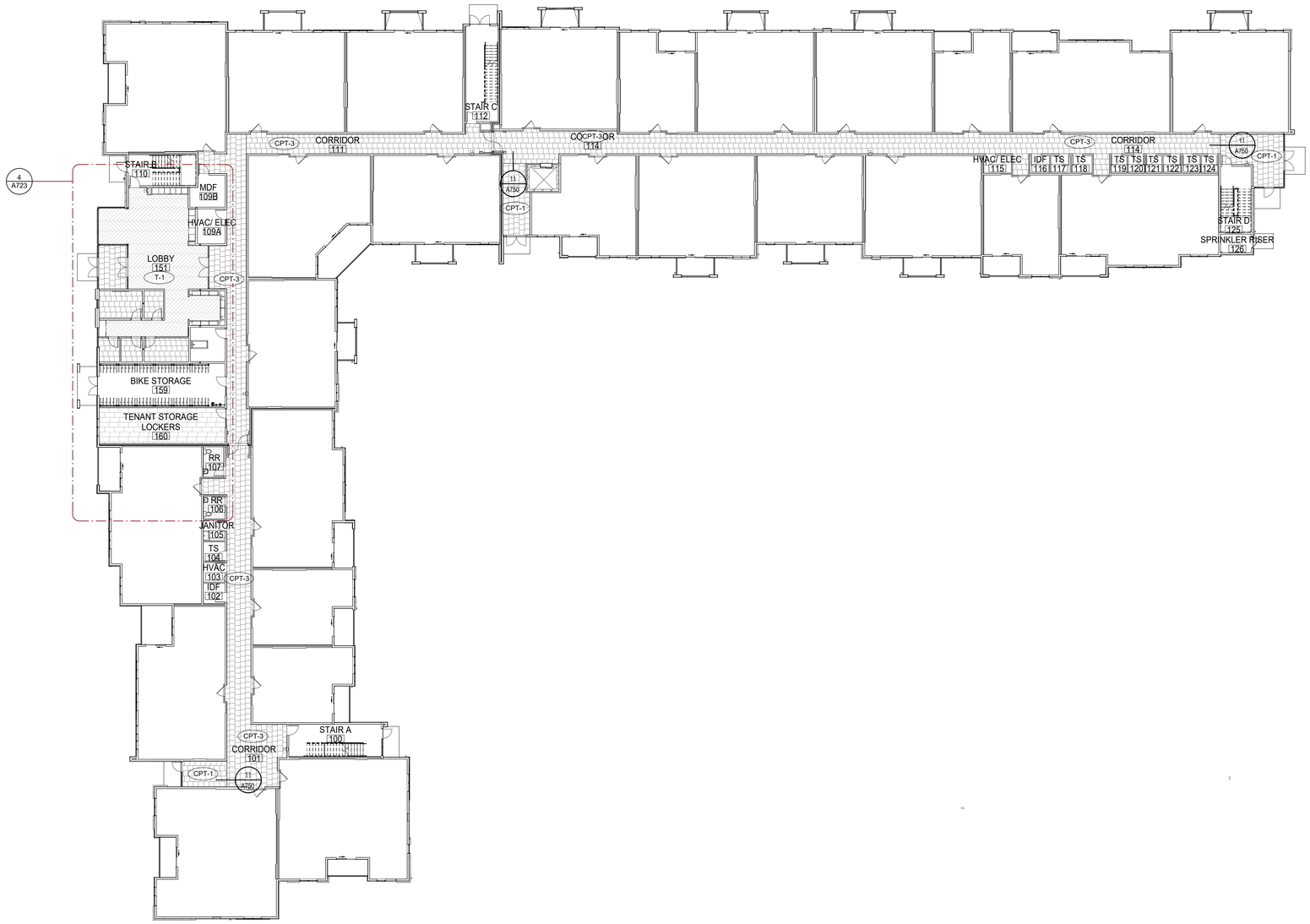
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TR¡ PROJECT NO. 20-001

SHEET NO.

A701

BLDG 1 - FIRST FLOOR FINISH PLAN



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

BUILDING 2 LEVEL 1 ROOM FINISHES

ROOM NUMBER	NAME	CEILING FINISH	FLOOR FINISH	WALL FINISH	BASE FINISH
100	STAIR A	PT-1	CPT-3	PT-1	VB-2
103	HVAC	PT-2	SEALED CONCRETE	PT-2	VB-1
104	TS	PT-2	SEALED CONCRETE	PT-2	VB-1
105	JANITOR	PT-2	SEALED CONCRETE	PT-2 EPOXY	VB-1
106	RR	PT-2	T-3	T-4 & PT-2	VB-1
107	RR	PT-2	T-3	T-4 & PT-2	VB-1
108	CORRIDOR	PT-2	CPT-3	PT-2	PT-2
109A	HVAC/ ELEC	PT-2	SEALED CONCRETE	PT-2	VB-1
109B	MDF	PT-2	SEALED CONCRETE	PT-2	VB-1
110	STAIR B	PT-1	CPT-3	PT-1	VB-2
111	CORRIDOR	PT-2	CPT-3	PT-2	PT-2
112	STAIR C	PT-1	CPT-3	PT-1	VB-2
114	CORRIDOR	PT-2	CPT-3	PT-2	PT-2
115	HVAC/ ELEC	PT-2	SEALED CONCRETE	PT-2	VB-1
116	IDF	PT-2	SEALED CONCRETE	PT-2	VB-1
121	TS	PT-2	SEALED CONCRETE	PT-2	VB-1
122	TS	PT-2	SEALED CONCRETE	PT-2	VB-1
125	STAIR D	PT-1	CPT-3	PT-1	VB-2
126	SPRINKLER RISER	PT-2	SEALED CONCRETE	PT-2	VB-1
150	VESTIBULE	PT-2	CPT-1	PT-2	PT-2
151	LOBBY	PT-2	T-1	PT-2	PT-2
152	MAILROOM	PT-2	T-1	PT-2	PT-2
153	PET WASH	PT-2	SEALED CONCRETE	T-5	VB-1
154	PACKAGE ROOM	PT-2	CPT-2	PT-2	PT-2
155	FOCUS RM	PT-2	CPT-2	PT-2	PT-2
156	FOCUS RM	PT-2	CPT-2	PT-2	PT-2
157	MEETING ROOM	PT-2	CPT-2	PT-2	PT-2
158	FOCUS RM	PT-2	CPT-2	PT-2	PT-2
159	BIKE STORAGE	PT-2	SEALED CONCRETE	PT-2	VB-1
160	TENANT STORAGE LOCKERS	PT-2	LVT-2	PT-2	VB-1

STATE OF MISSOURI
JOSEPH A. TEGETHOFF
2008021
REGISTERED ARCHITECT
8.17.2021

TR.i ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
SM ENGINEERING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
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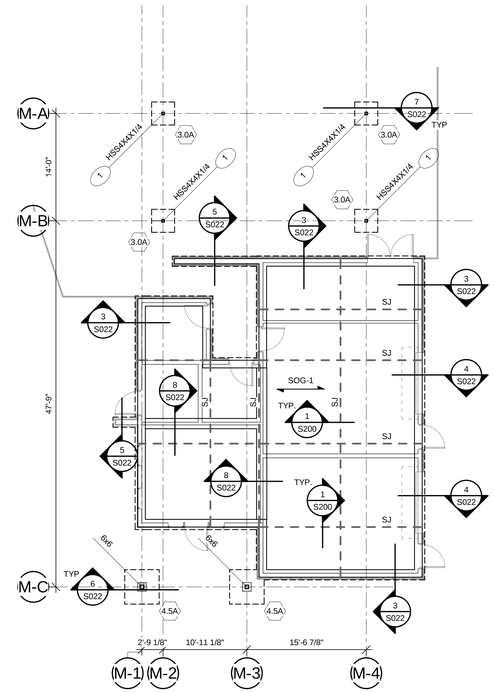
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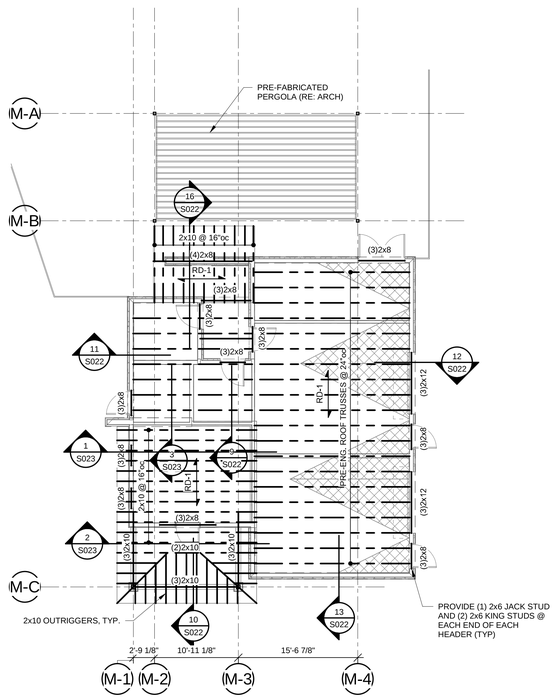
SHEET NO.

A720

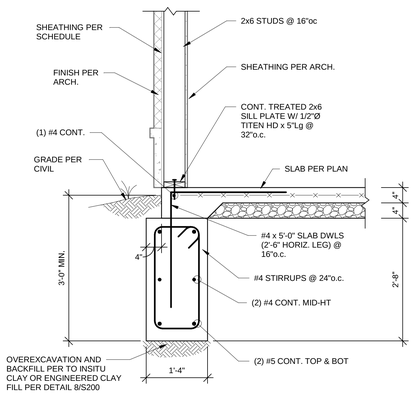
BLDG 2 - FIRST FLOOR FINISH PLAN



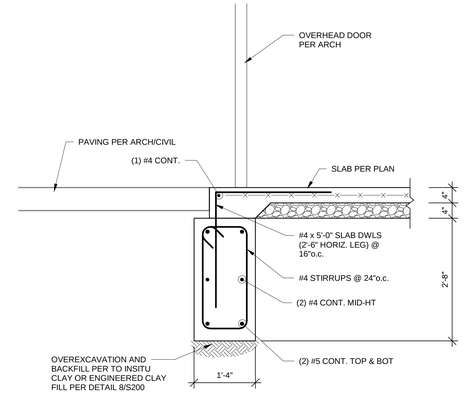
1 FOUNDATION PLAN
1/8" = 1'-0"



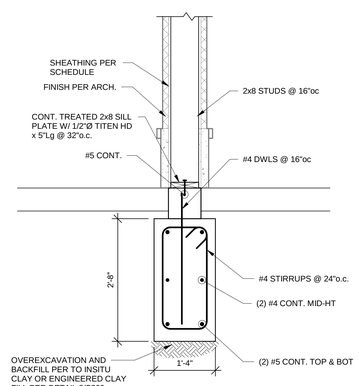
2 ROOF FRAMING PLAN
1/8" = 1'-0"



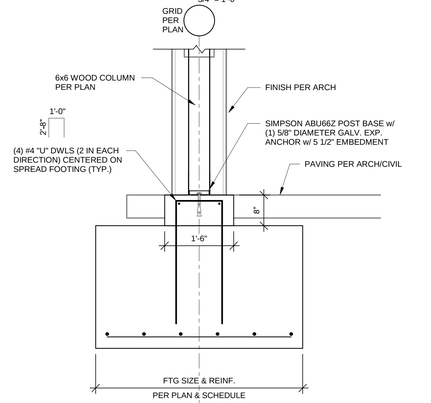
3 SECTION
3/4" = 1'-0"



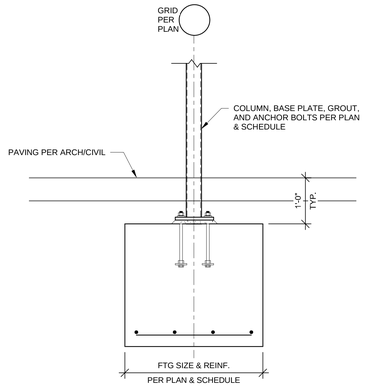
4 SECTION
3/4" = 1'-0"



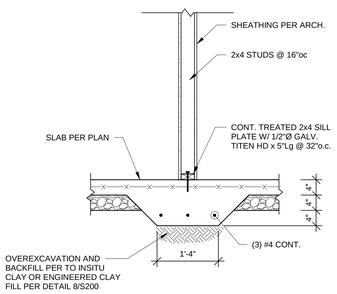
5 SECTION
3/4" = 1'-0"



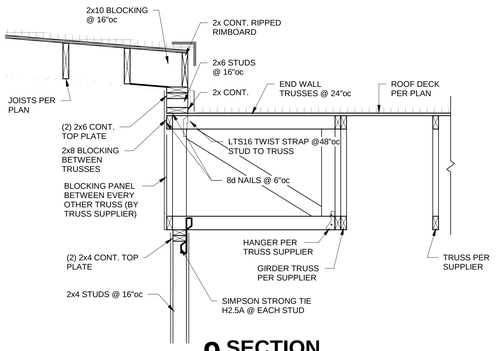
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3/4" = 1'-0"



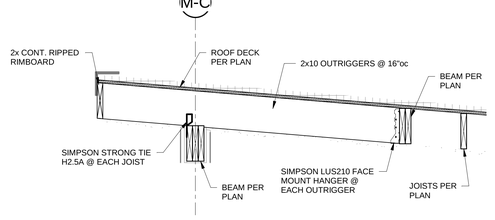
7 SECTION
3/4" = 1'-0"



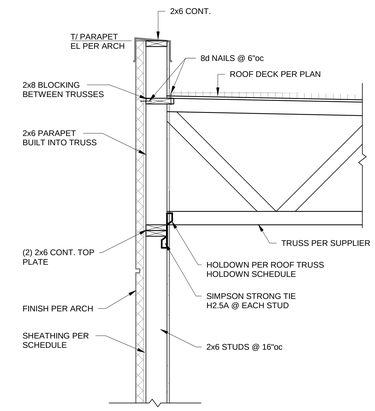
8 SECTION
3/4" = 1'-0"



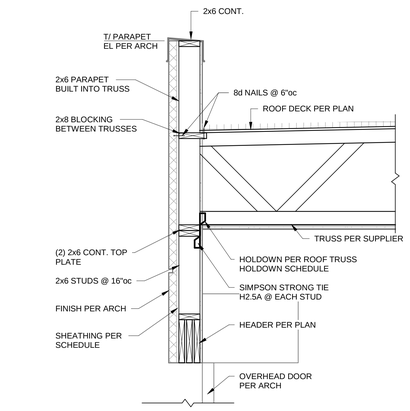
9 SECTION
3/4" = 1'-0"



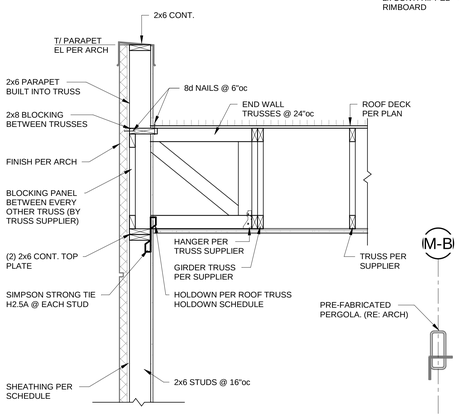
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3/4" = 1'-0"



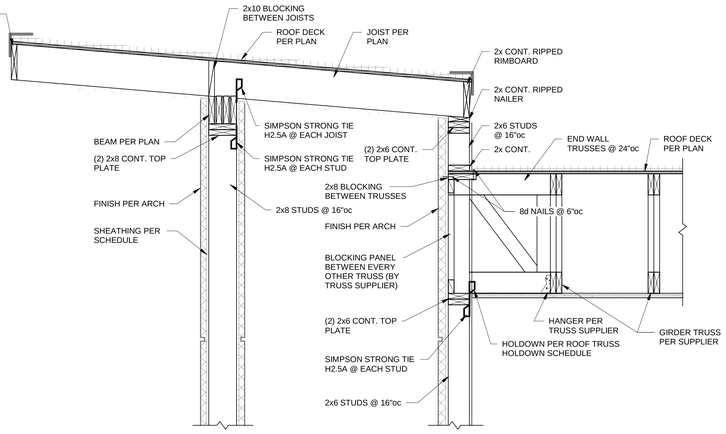
11 SECTION
3/4" = 1'-0"



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



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



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

TR¡ 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

STATE OF MISSOURI — CHRISTOPHER BOB CAMPBELL — NUMBER PE-2010026832 — 05/17/2021 — PROFESSIONAL ENGINEER

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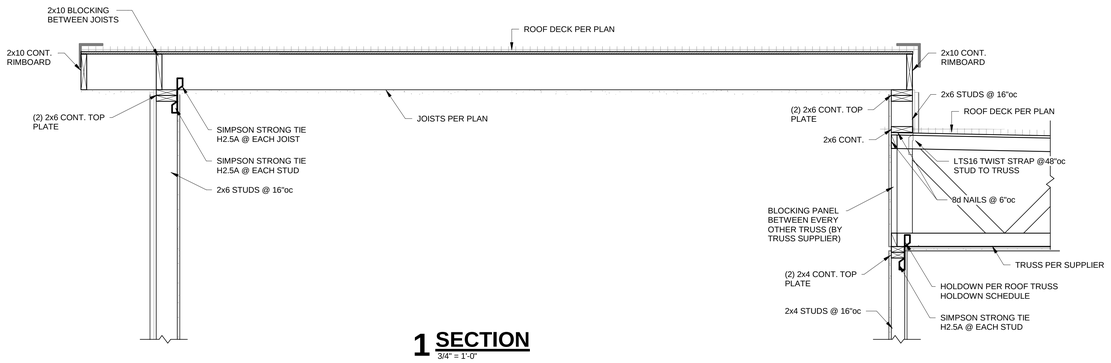
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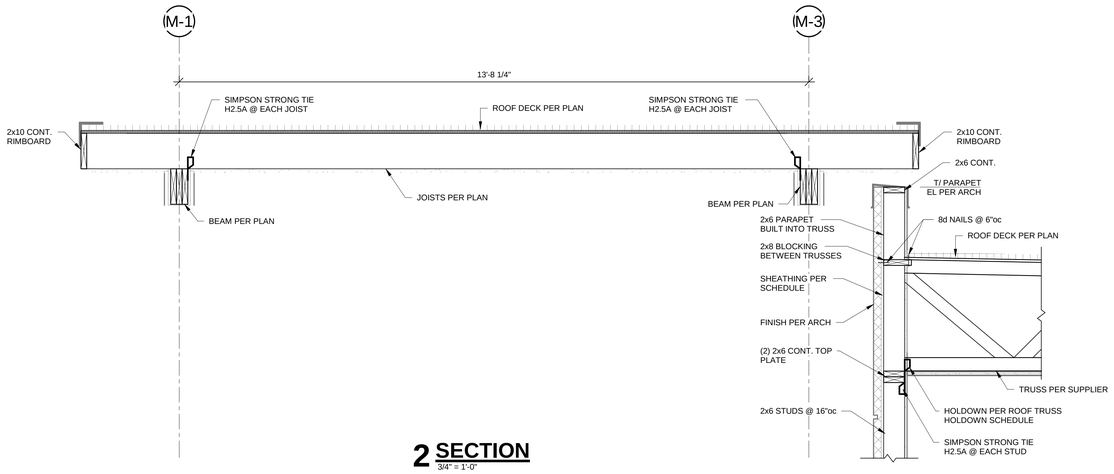
SHEET NO.

S022

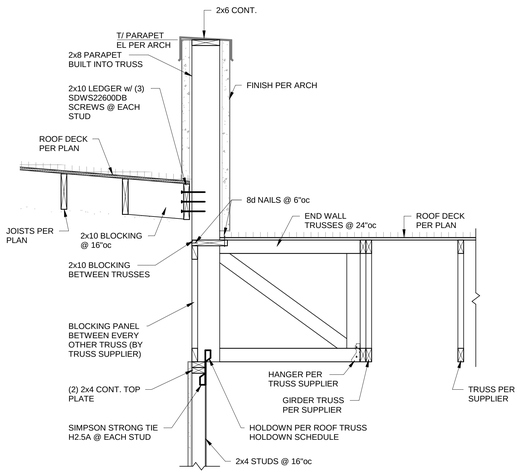
1 MAINTENANCE SHED/POOL HOUSE



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



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



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

ARCHITECT — TR¡ 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
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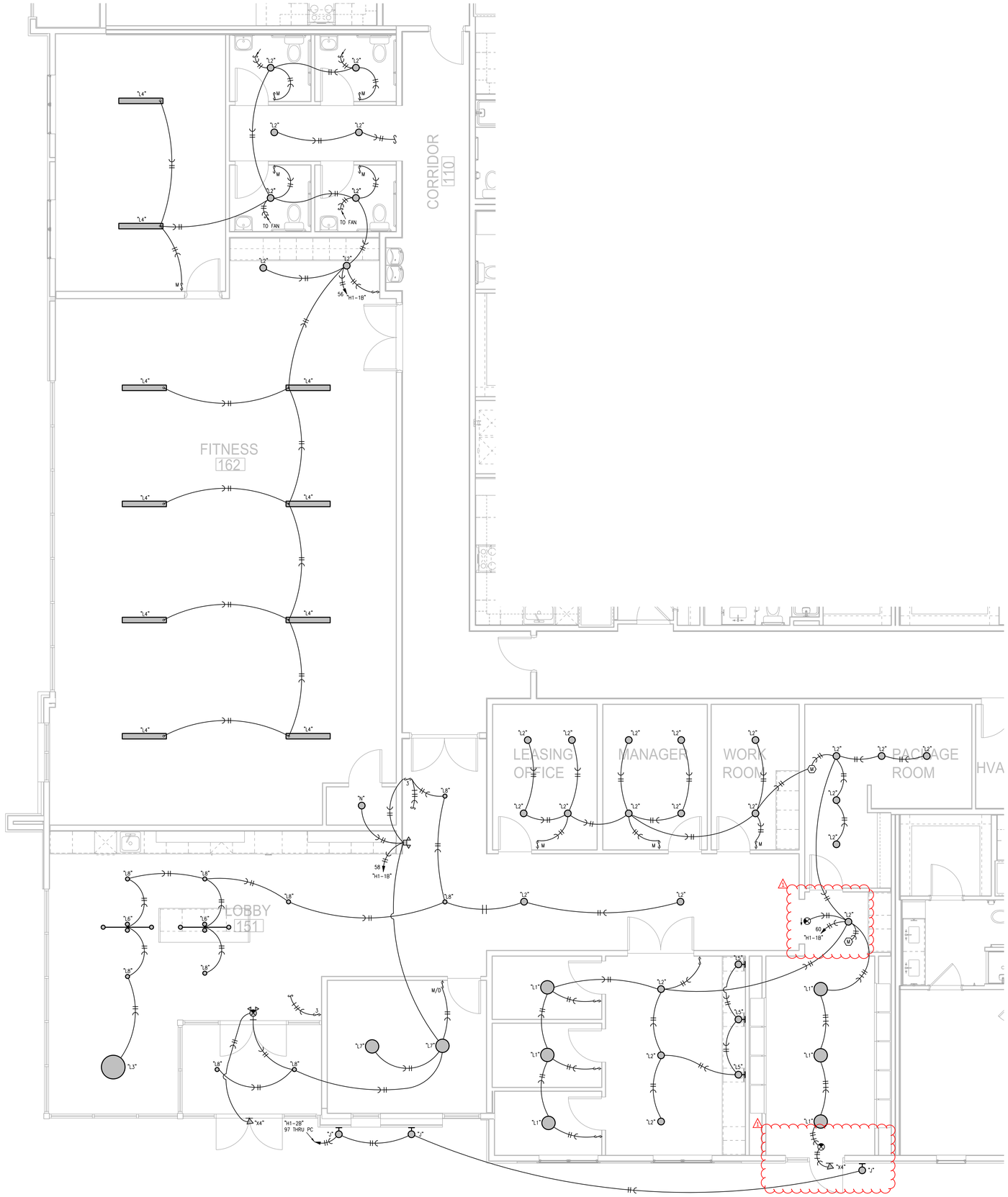
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TR¡ PROJECT NO. 20-001

SHEET NO.

S023

1 MAINTENANCE SHED/POOL HOUSE



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

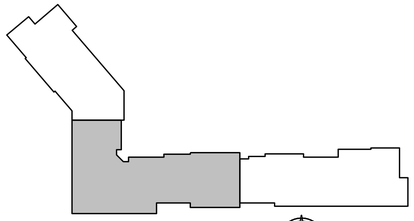
NORTH

NOTES:

1. ALL STAIR LIGHTS ARE TYPE "A2" UNLESS NOTED OTHERWISE.
2. ALL ● ARE TYPE "A1" UNLESS NOTED OTHERWISE.
3. ALL ◉ ARE TYPE "A2" UNLESS NOTED OTHERWISE.
4. ALL ⊕ ARE TYPE "A5" 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.



KEY PLAN
NO SCALE

NORTH

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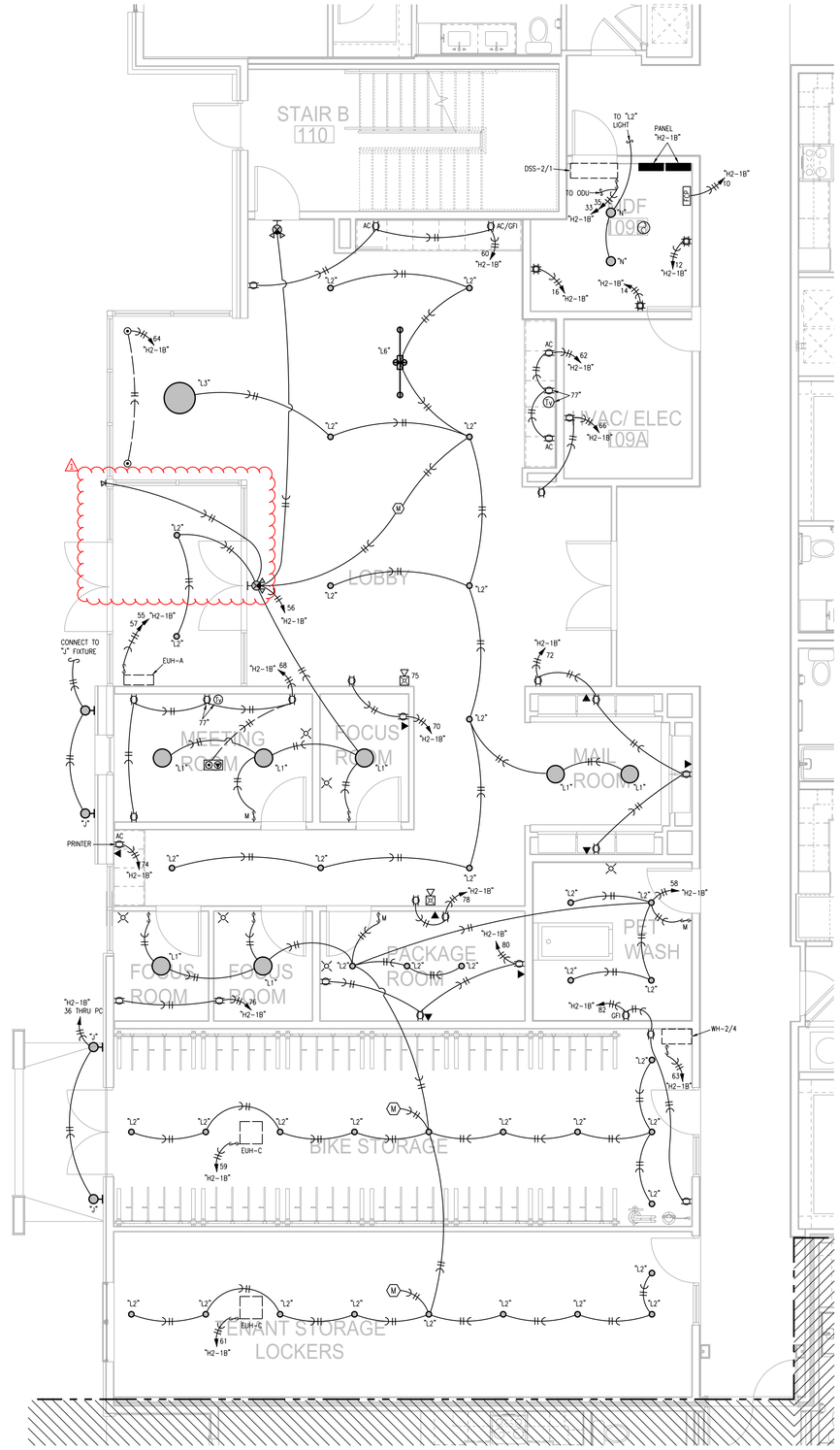
REVISIONS (2)
(1) PERMIT REVIEW COMMENTS 08-17-21

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E102a

BLDG 1-B, PARTIAL FIRST FLOOR PLAN - ELECTRICAL

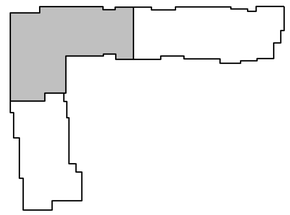


1 **BLDG 2-B, PARTIAL FIRST FLOOR PLAN**
1/4"=1'-0" ELECTRICAL

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

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REVISIONS 2

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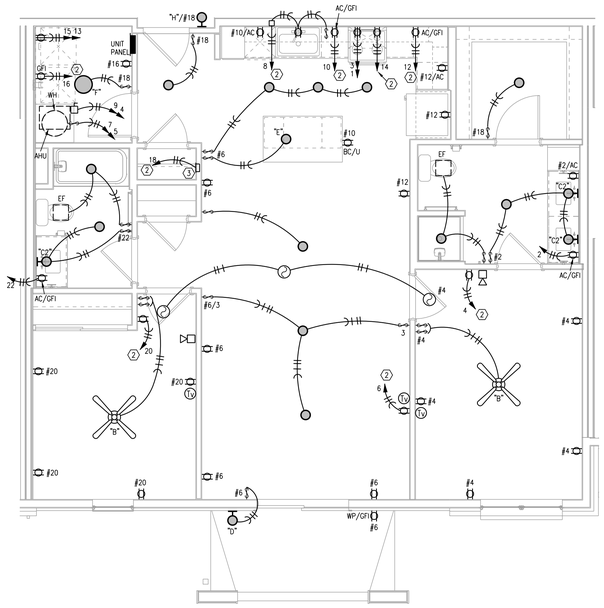
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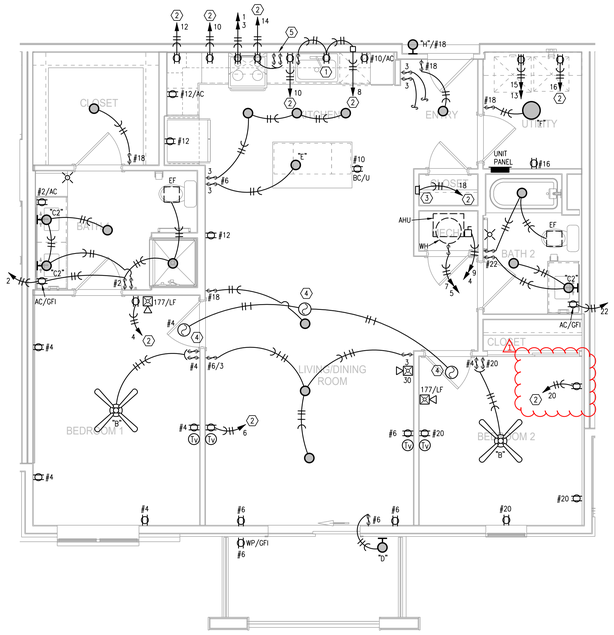
BLDG 2-B, PARTIAL FIRST FLOOR PLAN - ELECTRICAL

NOTES:
SEE INTERIORS CEILING PLANS FOR LIGHTING PLACEMENT.



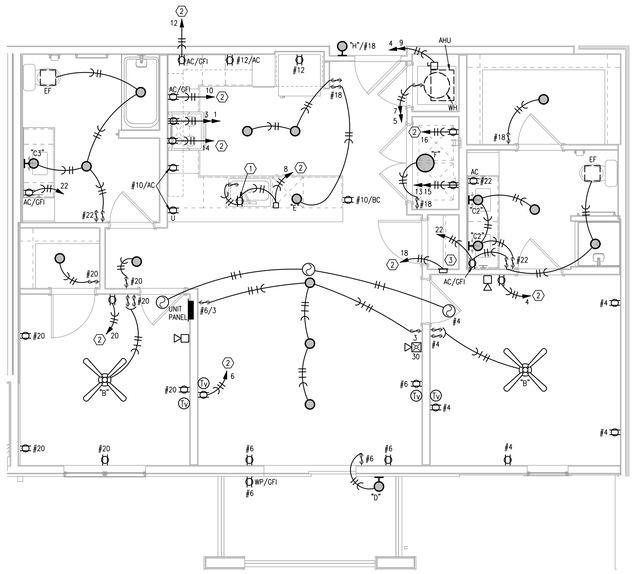
1 TYPICAL UNIT PLAN - B1

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



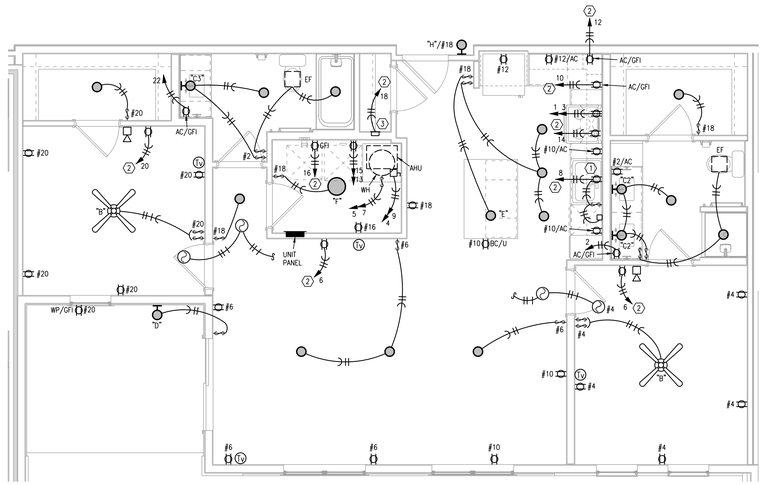
2 TYPICAL UNIT PLAN - B1 TYPE A

1/4"=1'-0" ELECTRICAL



3 TYPICAL UNIT PLAN - B2

1/4"=1'-0" (UNITS B2-TYPE A SIMILAR) ELECTRICAL



4 TYPICAL UNIT PLAN - B3

1/4"=1'-0" (UNIT B3-1 SIMILAR) 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. (C) = 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.
TV COMBINATION CATV/DATA OUTLET.
AC ABOVE COUNTER
BC BELOW COUNTER
LOW FREQUENCY HORN
TYPE "A" FIXTURE

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REVISIONS 4

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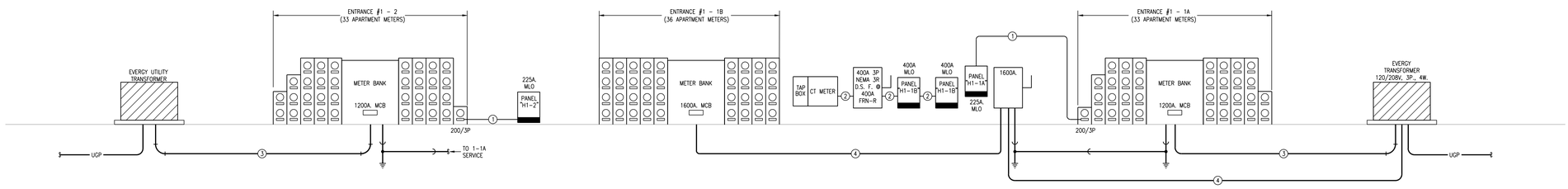
TYPICAL UNIT PLANS - ELECTRICAL

FEEDER SCHEDULE - ALUMINUM AA8000						
MARK	OCP	SETS	NO. COND.	SIZE	SIZE GRD	CONDUIT
		1	1		3/0 CU	
1	225 A	1	4	300 KCMIL	#2	3
2	400 A	2	4	#4/0	#1	2
3	1200 A	4	4	500 KCMIL		3
4	1600 A	5	4	600 KCMIL		4
5	100 A	1	4	#1/0	#4	1.5

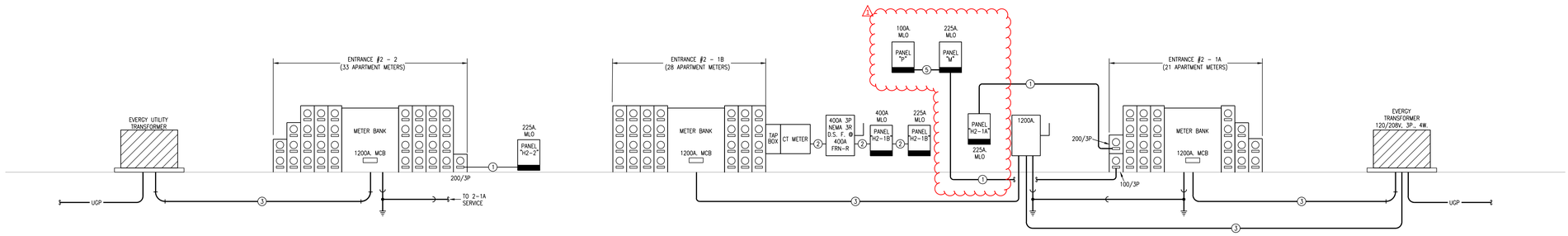
TYPICAL APARTMENT FEEDERS BASED ON ALUM SE TYPE CABLE		
MAIN BREAKER	SIZE COND.	MAX LENGTH (FT)
100A.	2-2-2-6	100
100A.	2-2-2-6	100
100A.	1-1-1-4	125
100A.	0-0-0-4	155
110A.	1-1-1-4	115
110A.	0-0-0-4	140
110A.	2/0-2/0-2/0-3	180
125A.	0-0-0-4	125
125A.	2/0-2/0-2/0-3	155
125A.	3/0-3/0-3/0-3	200

NOTES:
1. SEE NEC TABLE 310.15 (B)(7)

NOTE: ALL GEAR TO BE 65 KAC SERIES RATED. KAIC TO BE VERIFIED WHEN POWER COMPANY DESIGN IS COMPLETE. ALL GEAR TO HAVE PERMANENT VISUAL PLAQUES NOTING DISCONNECT POINTS ON FOR EACH BUILDING.



BUILDING NO. 1
1 ELECTRICAL DISTRIBUTION RISER DIAGRAM
NO SCALE



BUILDING NO. 2
2 ELECTRICAL DISTRIBUTION RISER DIAGRAM
NO SCALE

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ELECTRICAL DISTRIBUTION RISER DIAGRAMS

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
3	B3, B4	33025	99.1
6	C1	35600	213.6
	C2	35240	

Total Building KVA	898.3
Total Units	27
Diversity per NEC Table 230.84	0.34
Diversified KVA	305.4
Amps @ 208 V Three Phase	848
House Load - Amps	150
Total Demand - Amps	998

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
12	B3, B4	33025	396.3
1	C1	35600	35.6
3	C2	35240	105.72

Total Building KVA	1377.0
Total Units	42
Diversity per NEC Table 230.84	0.26
Diversified KVA	358.0
Amps @ 208 V Three Phase	994
House Load - Amps	350
Total Demand - Amps	1344

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
12	A1	31460	377.5
0	A2, A4, A5	31870	0.0
3	A3	32170	96.5
34	B1, B2	33070	1124.4
3	B3, B4	33025	99.1
3	C1	35600	106.8
6	C2	35240	211.4

Total Building KVA	2015.7
Total Units	61
Diversity per NEC Table 230.84	0.24
Diversified KVA	483.8
Amps @ 208 V Three Phase	1344
House Load - Amps	300
Total Demand - Amps	1644

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 Quantity	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

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

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

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

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

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

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

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, DRY ER	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, DRY ER	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, DRY ER	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, DRY ER	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, DRY ER	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	LQMPD5R	b'surface	white	ELV Dimming (120V)	
B	FAN/LIGHT	FANIMATION	FPS8533MW - KWARTET	surface	white		
C1	24" RAIL	MAXIM	82102	surface	satin nickel		
C2	30" RAIL	MAXIM	82103SN	surface	satin nickel		
C3	36" RAIL	MAXIM	82104	surface	satin nickel		
D	OUTDOOR SCONCE/PATIO	MAXIM	54350ABZ - Avenue	wall	bronze		
E	PENDANT	ET2	E20085-BK - ABYSS	pendant	black		
F	GLOBE	ACCESS LIGHTING	49960LEDD-WH/ACR - COMO	surface	white		
H	Entry Door Sconce	by others		wall			
J	Wall wash	Progress	P563000-020-30K	wall	black	12W LED	
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			
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 A	WATTS B	WATTS C	BRKR	POLE	WIRE	WIRE	POLE	BRKR	WATTS A	WATTS B	WATTS C	
DESCRIPTION													DESCRIPTION
DRYER	2200			30		1	2		20	500			LTG
		2200			2P	3	4		20		500		LTG
DRYER			2200	30		5	6		20				RECEPT
	2200				2P	7	8		20	500			WASHER
WH-M		2200		30		9	10		20		500		WASHER
			2200		2P	11	12		20			1000	RECEPT
EUH-D	1000			20		13	14		20	1000			RECEPT
EUH-D		1000		20		15	16		20		400		RECEPT
AHU-MAINT			5930	70		17	18		20			400	RECEPT
	5930				2P	19	20		20	400			RECEPT
CU-MAINT		2200		45		21	22		20		800		RECEPT
			2200		2P	23	24		20			400	RECEPT
EUH-B	4370			60		25	26		20	200			RECEPT
		4370			2P	27	28		20		400		RECEPT
RECEPT			400	20		29	30		20			400	RECEPT
						31	32		20	500			MOTOR
						33	34		20		400		RECEPT
						35	36		20			400	RECEPT
PANEL P	4000					37	38		20	400			RECEPT
		1950				39	40		20		400		RECEPT
			1750			41	42		20			400	RECEPT
CONNECTED LOAD-WATTS	22750	17320	17680							FEEDER LOAD-WATTS			
CONNECTED LOAD-AMPS	190	144	147							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

	WATTS A	WATTS B	WATTS C	BRKR	POLE	WIRE	WIRE	POLE	BRKR	WATTS A	WATTS B	WATTS C	
DESCRIPTION													DESCRIPTION
POOL STARTER	1750			35		1	2		20	500			POOL HEATER
VERIFY HP		1750			2P	3	4		20		200		RECEPTACLES
POOL STARTER			1750	35		5	6						
VERIFY HP	1750				2P	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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REVISIONS 1

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SHEET NO.

E305

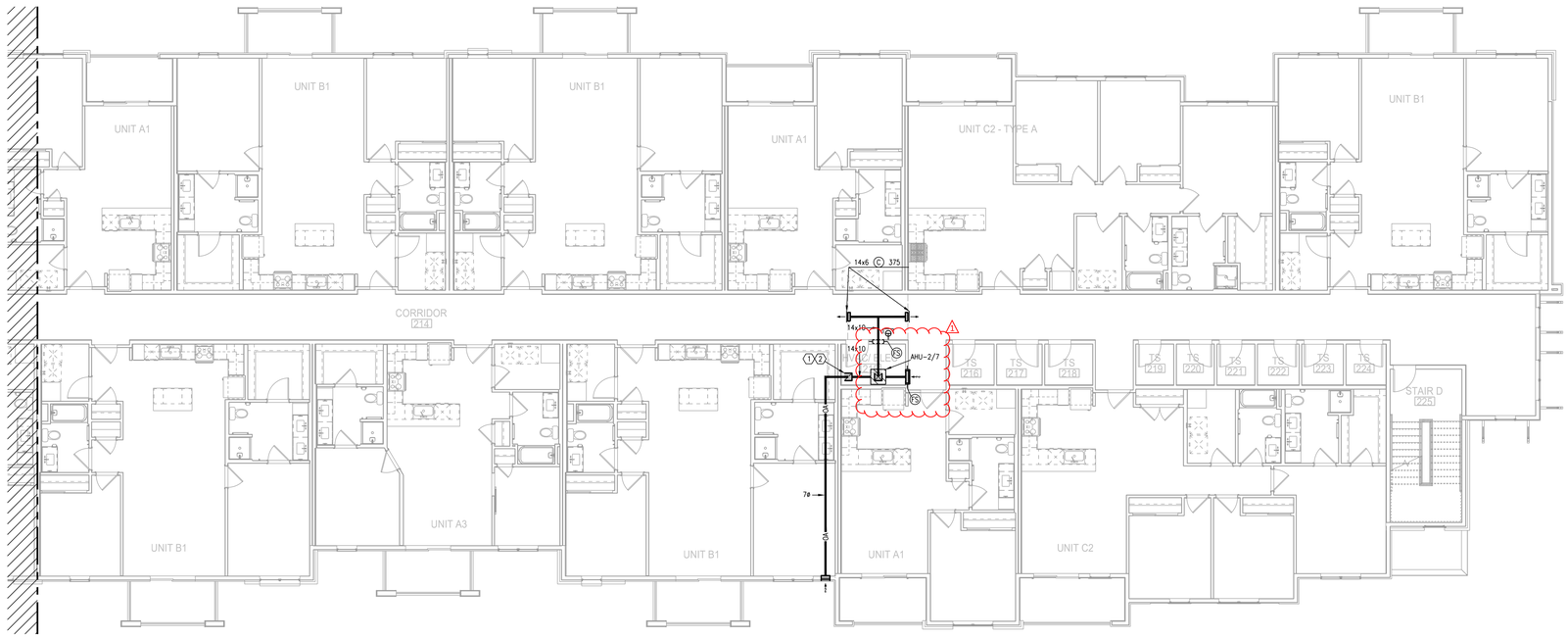
ELECTRICAL SCHEDULES

NOTES:

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

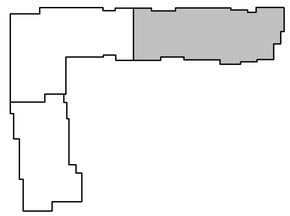
LEGEND:

(1) OUTSIDE AIR CONTROL AND BALANCING DAMPER.
(2) DUCT WITH CRD AT RATED MEMBRANE.
(3) ROUTE COND. TO LAV TAILPIECE OR WASHER BOX.
(4) 16x8 TYPE 'E' GRILLES, ONE HIGH, ONE LOW FOR RA PATH IN STUD SPACE. LINE SPACE WITH METAL.



1 BLDG 2-C, PARTIAL SECOND FLOOR PLAN
1/8"=1'-0" HVAC

NORTH



KEY PLAN
NO SCALE

NORTH

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BLDG 2-C, PARTIAL SECOND FLOOR PLAN - HVAC

LEGEND:

(1) SANITARY SEWER CONNECTION.

(2) FIRE AND DOMESTIC WATER CONNECTION.

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.

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.

POOL

MAINTENANCE BLDG SEE DETAIL

24"W x 36"L x 30"D QUAZITE HANDHOLE FOR VOICE/DATA PROVIDER CABLING. VERIFY SIZE, QUANTITY AND LOCATION WITH UTILITY PROVIDER(S) AND CIVIL PLANS

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

BUILDING 2
2150 NW LOWENSTEIN DR.

PHASE 1

METER BANK 2-1B

METER BANK 2-1A

TRASH ENCLOSURE

METER BANK 2-2

4" FIRE, 4" DOMESTIC

METER BANK 1-2

PHASE 3

TRASH ENCLOSURE

METER BANK 1-1B

BUILDING 1
2100 NW LOWENSTEIN DR.

TRASH ENCLOSURE

4" FIRE

4" DOMESTIC

METER BANK 1-1A

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

NORTH

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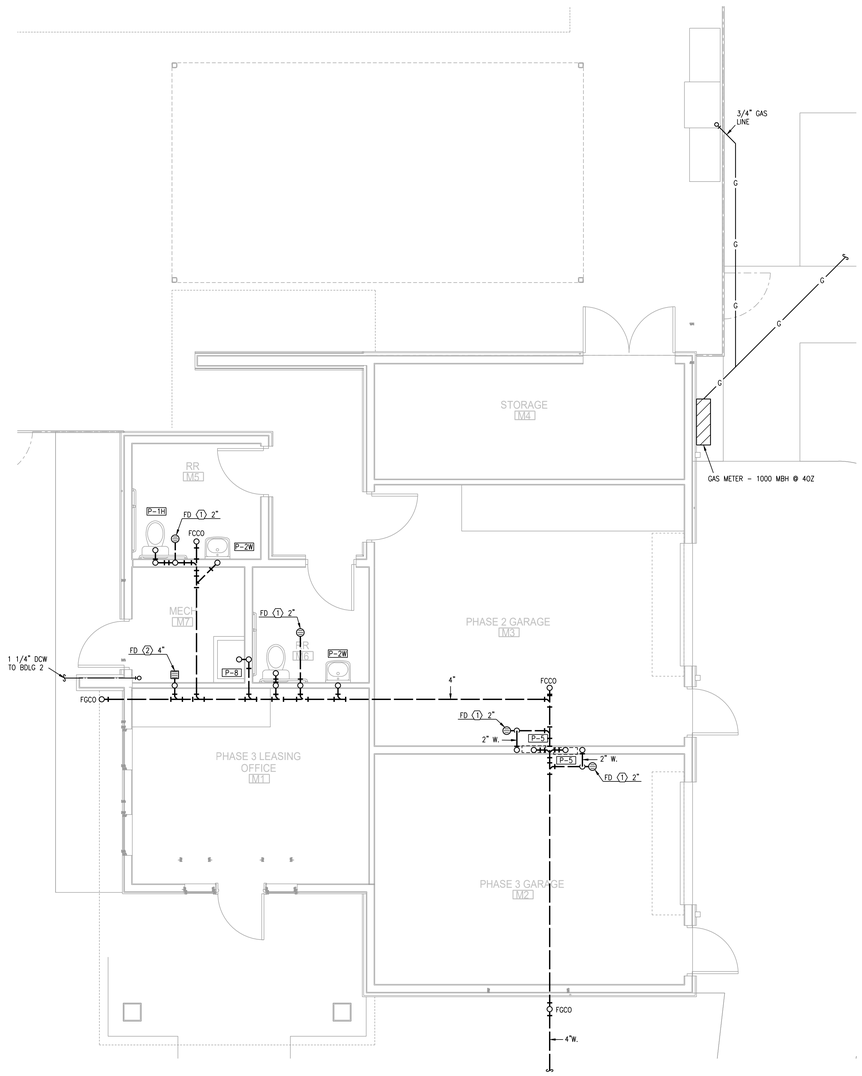
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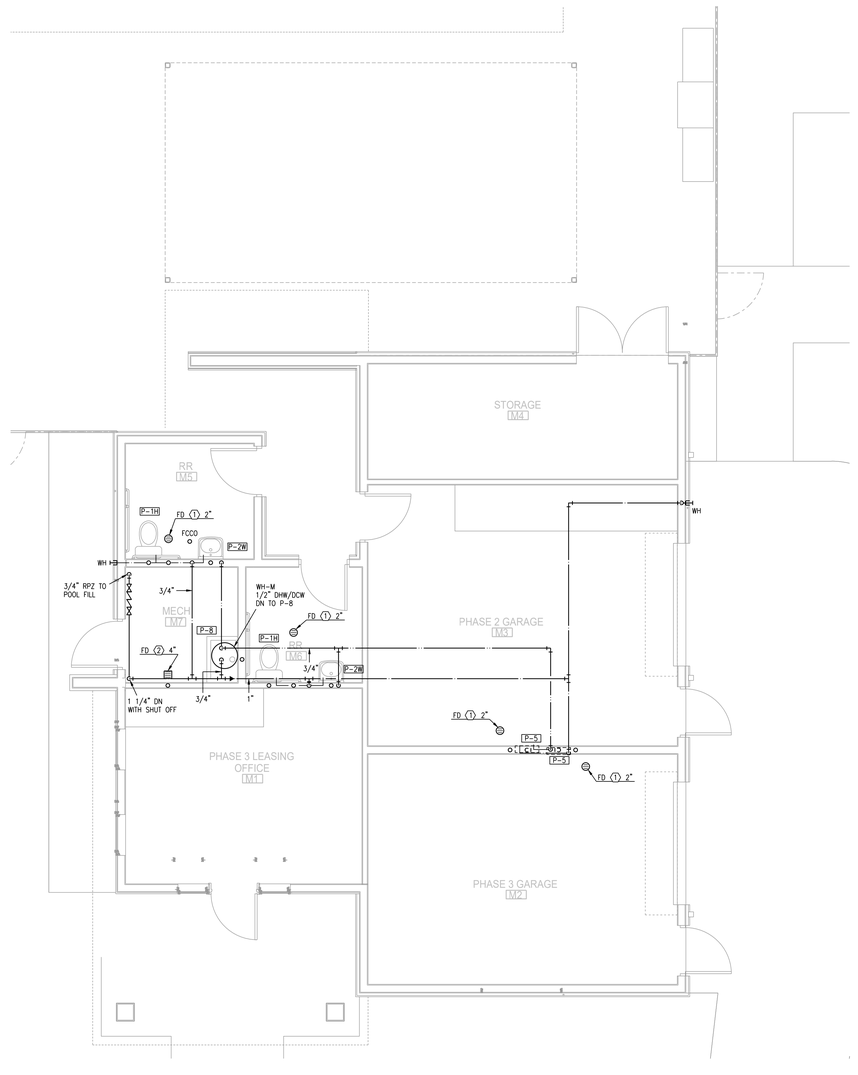
SHEET NO.

ME101

SITE PLAN - MECH/ELEC



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



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

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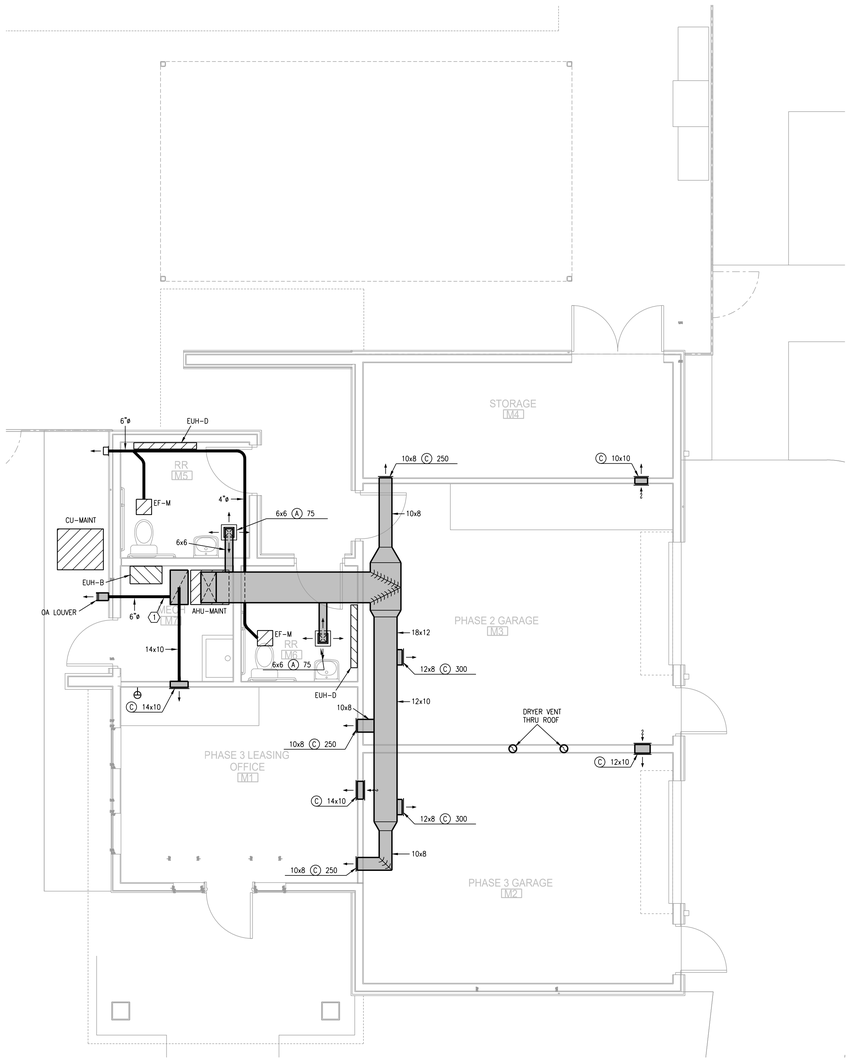
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ME201

MAINTENANCE BLDG - PLUMBING



1 MAINTENANCE BLDG FLOOR PLAN

1/4"=1'-0"

HVAC

NORTH

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PLUMBING	PLUMBING ENGINEER
ELECTRICAL	ELECTRICAL ENGINEER

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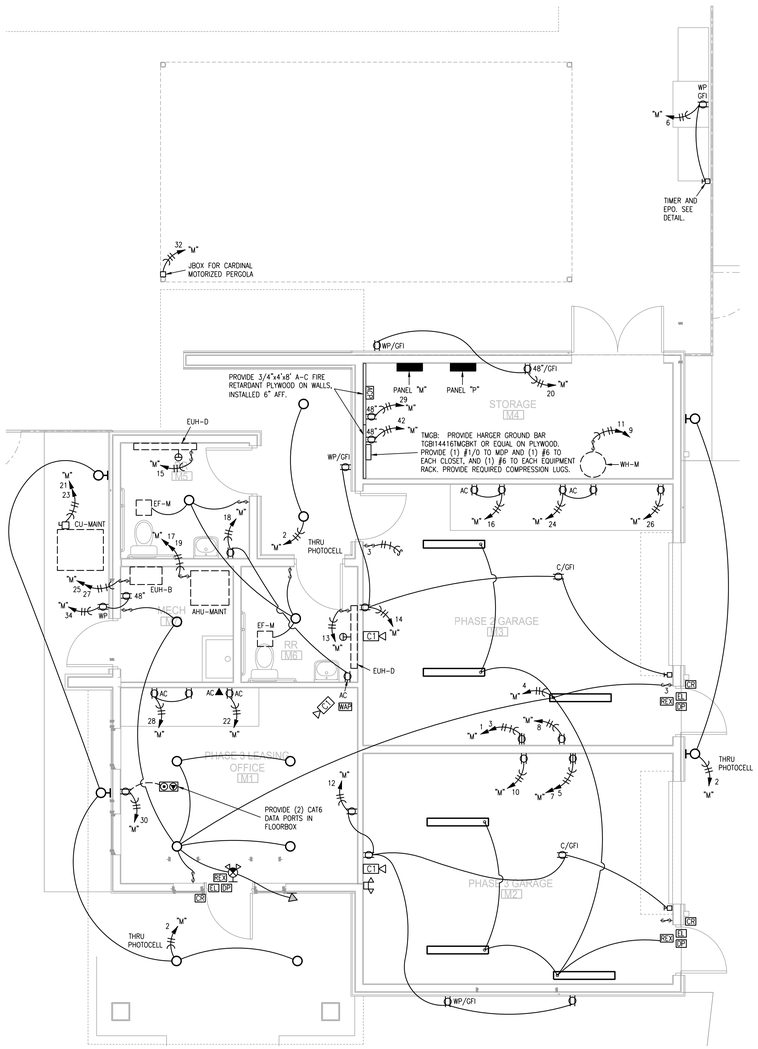
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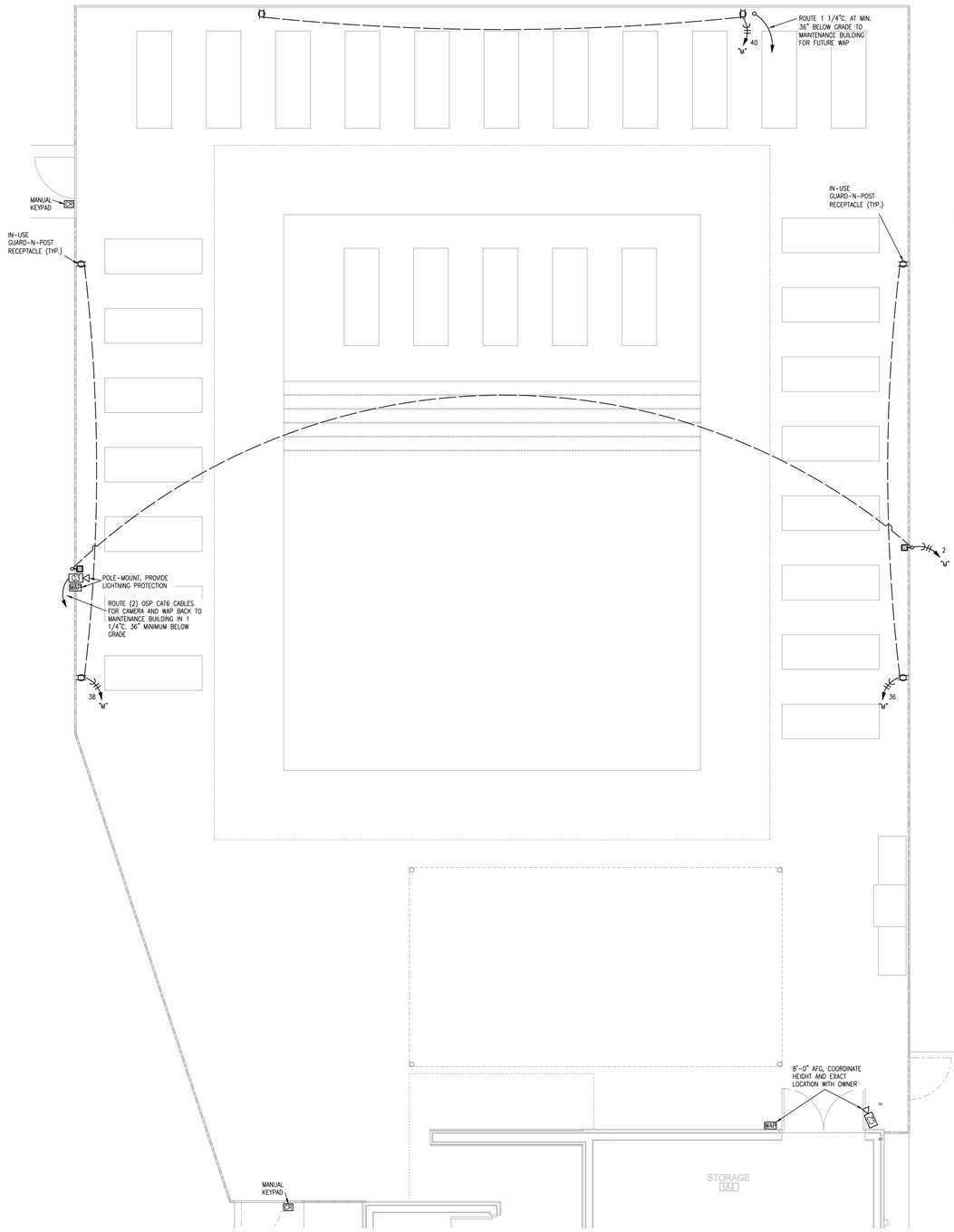
MAINTENANCE BLDG - HVAC

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

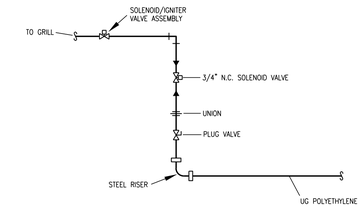
$2500 ALLOWANCE FOR LIGHTING AND FANS IN COVERED SEATING



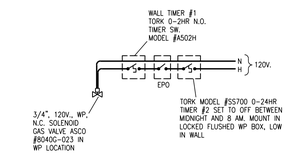
1 **MAINTENANCE BLDG FLOOR PLAN**
1/4"=1'-0" ELECTRICAL NORTH



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



PIPING SCHEMATIC



CONTROL SCHEMATIC

3 **GAS CONTROL DETAIL**
NO SCALE (GRILL)

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MAINTENANCE BLDG - ELECTRICAL

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LSA PROJECT NO. 2104008

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	QMKC2514W	1.0	3.4		120/1	8.3	20	(3) #12	FLOOR, 1, 4

NOTES:
1-SURFACE MOUNTED
2-SEMI-RECESSED
3-FULLY RECESSED
4-DISCONNECT
5-INTEGRAL TSTAT

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	1350	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	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

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	Profio #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 8-inshed nickel valve, 2.5 gpm showerhead, tub spout with pull-up diverter. Provide fiture 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 cleamaces.	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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RICHARD R. BEARMORE
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8-17-21

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

TRi ARCHITECTS
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DATE: 7.15.2021

REVISIONS 1

1 PERMIT REVIEW COMMENTS 08-17-21

DWG BY CAD/RRB

TR,i PROJECT NO. 20-001

SHEET NO.

MP104

MECHANICAL SCHEDULES



1 BLDG 1-A, PARTIAL FIRST FLOOR PLAN

1/8" = 1'-0"

PLUMBING

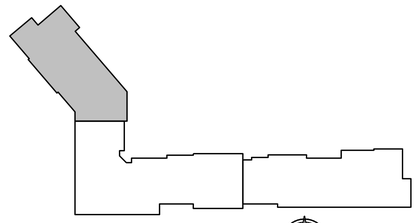
NORTH

NOTES:

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

LEGEND:

1. 3"V. UP TO RISER FOR FUTURE CONNECTION.
2. 6" UP TO DOWNSPOUT CONNECTION.
3. DOWNSPOUT CONNECTION. 6" DOWN TO GARAGE.
4. PENETRATE BEAM PER STRUCTURAL DETAIL.
5. 3/4" UP TO ROOF HYDRANT. SEE DETAIL.



KEY PLAN

NO SCALE

NORTH

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

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REVISIONS 1

1 PERMIT REVIEW COMMENTS 08-17-21

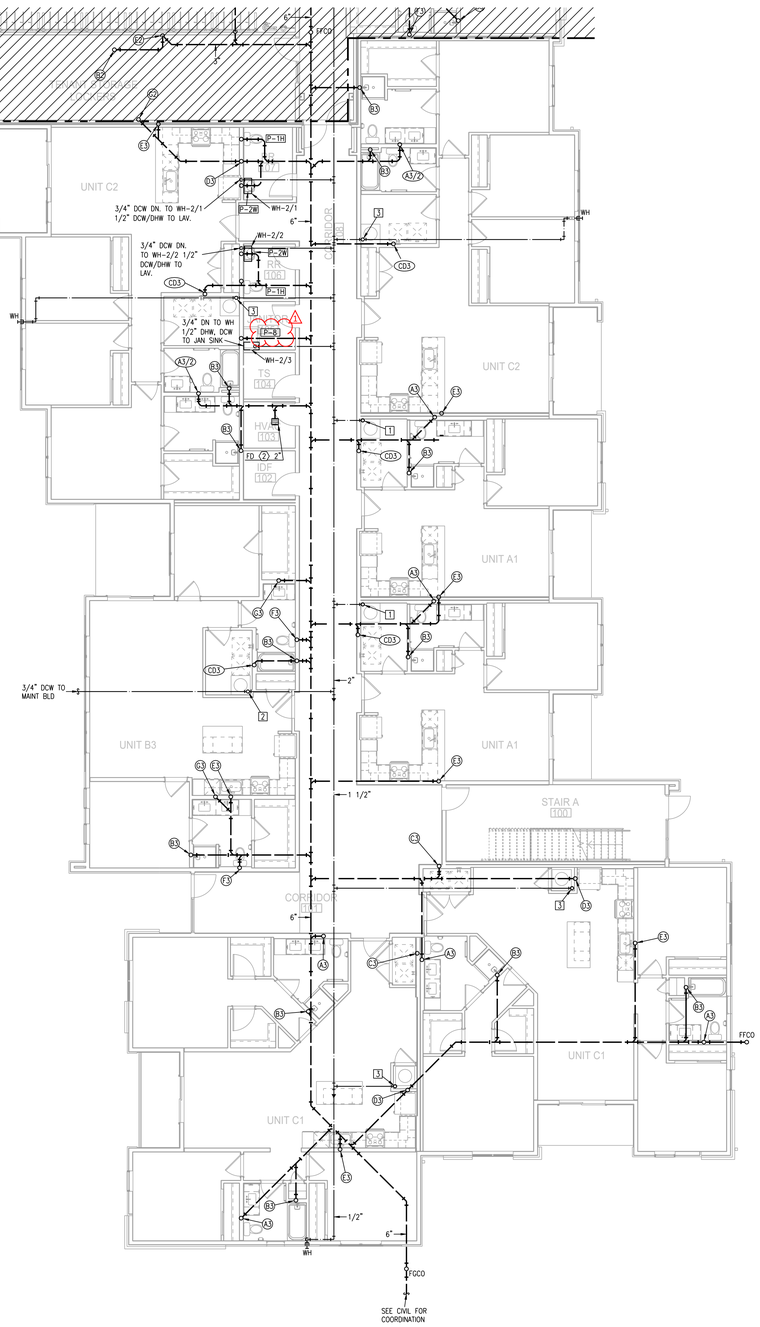
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TR;i PROJECT NO. 20-001

SHEET NO.

P101

BLDG 1-A, PARTIAL FIRST FLOOR PLAN - PLUMBING



1 BLDG 2-A, PARTIAL FIRST FLOOR PLAN
1/8"=1'-0"

PLUMBING

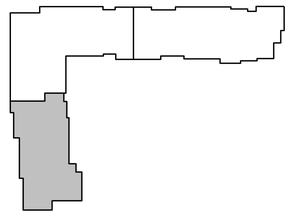
NORTH

NOTES:

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

LEGEND:

1. 3"V. UP TO RISER FOR FUTURE CONNECTION.
2. 6" UP TO DOWNSPOUT CONNECTION.
3. DOWNSPOUT CONNECTION. 6" DOWN TO GARAGE.
4. PENETRATE BEAM PER STRUCTURAL DETAIL.
5. 3/4" UP TO ROOF HYDRANT. SEE DETAIL.



KEY PLAN
NO SCALE

NORTH

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REVISIONS 2

2 PERMIT REVIEW COMMENTS 08-17-21

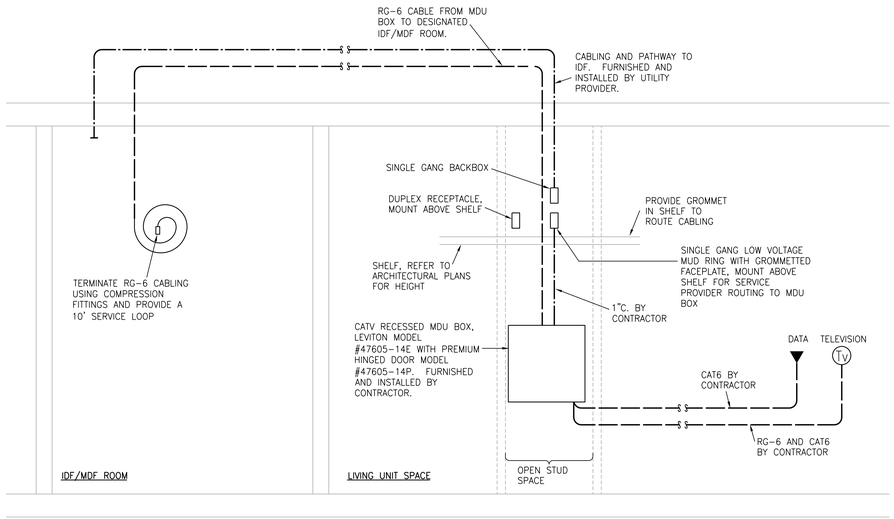
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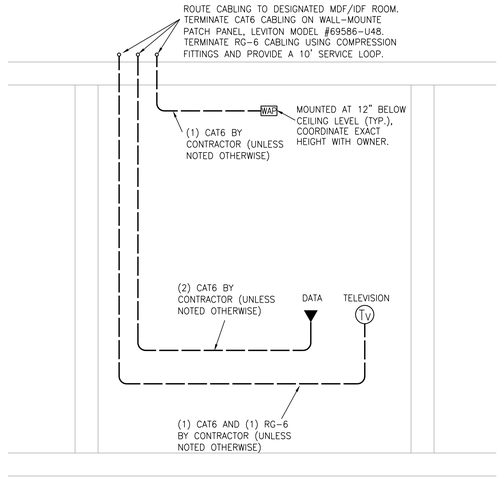
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P110

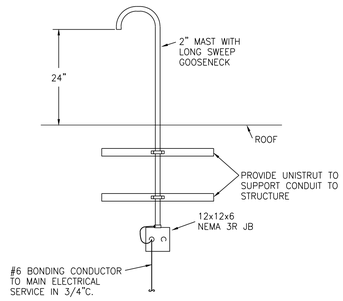
BLDG 2-A, PARTIAL FIRST FLOOR PLAN - PLUMBING



1 TYPICAL APARTMENT RISER DIAGRAM
NO SCALE



2 TYPICAL COMMON/OFFICE AREA RISER DIAGRAM
NO SCALE



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

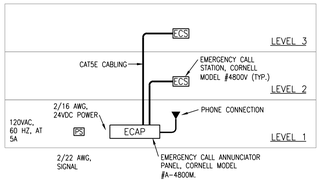
REMARKS:
1 - PROVIDED AND INSTALLED BY E/C.
2 - E/C TO ROUTE CABLE FROM DEVICE AND LEAVE A 8'-0" SERVICE LOOP AT THE BURGLAR ALARM PANEL. PROVIDE A 24" SERVICE LOOP AT DEVICE. PROVIDE A MECHANICALLY PRINTED LABEL ON EACH END OF EACH CABLE FOR REFERENCE.
3 - PROVIDED AS A PART OF THE DOOR HARDWARE PACKAGE.

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.

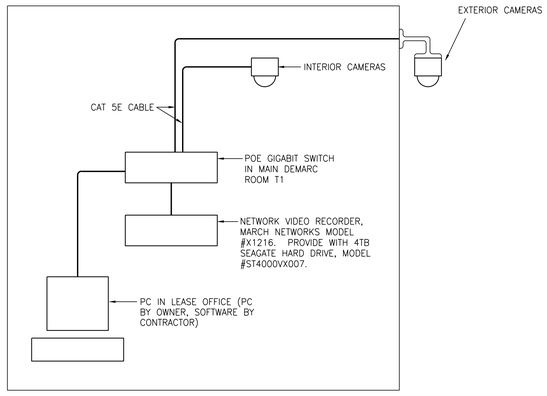
ACCESS CONTROL LEGEND	
ACP	ACCESS CONTROL PANEL
CR	HID CARD READER
REX	REQUEST TO EXIT *
DP	DOOR POSITION SWITCH *
EL	ELECTRIC LOCK (24V DC.) *
PS	POWER SUPPLY (24V DC.) *
ADA	ADA PUSH BUTTON *
DADA	DUAL ADA PUSH BUTTON *
ADAM	ADA MOTORIZED OPERATOR *
AMS	AUDIO INTERCOM MASTER STATION
AIC	AUDIO INTERCOM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

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

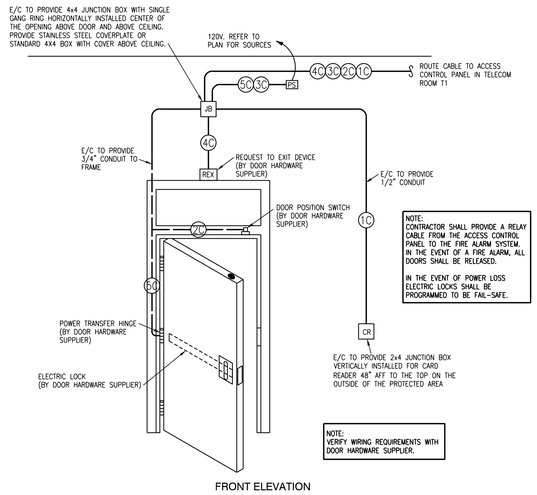


4 TWO-WAY COMMUNICATION DIAGRAM
NO SCALE

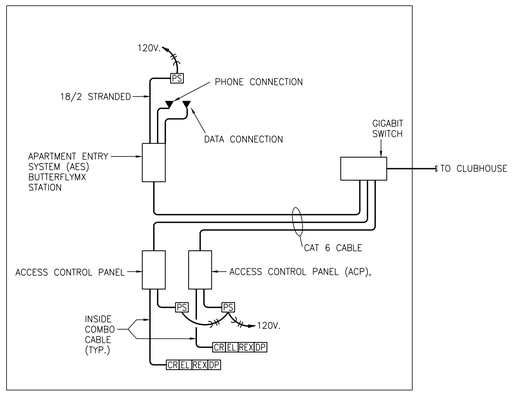
LEGEND:
1C PROXIMITY CARD READER (ORANGE) 18GA./6 COND. TWISTED OVERALL SHIELD, RISER RATED CABLE.
2C MAGNETIC SWITCH (WHITE) 18GA./2 COND. TWISTED OVERALL SHIELD, RISER RATED CABLE.
5C ELECTRIC LOCK (GRAY) 16GA./4 COND. TWISTED OVERALL SHIELD, RISER RATED CABLE.
4C REQUEST TO EXIT (BLUE) 18GA./4 COND. TWISTED OVERALL SHIELD, RISER RATED CABLE.
5C ELECTRIC LOCK FROM PS TO PUSHBAR 18GA./4 COND. TWISTED OVERALL SHIELD, RISER RATED CABLE.



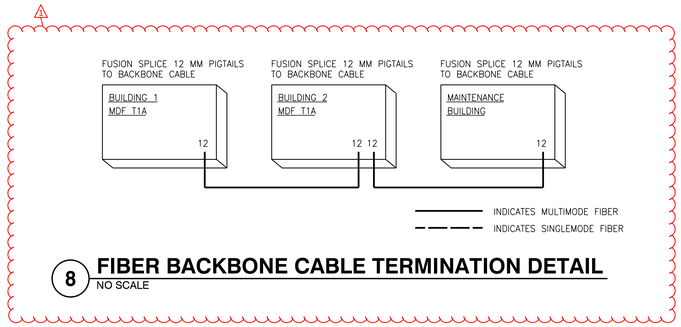
5 TYPICAL SECURITY CAMERA DETAIL
NO SCALE



6 ACCESS CONTROL DOOR DETAIL
NO SCALE — SINGLE DOOR ENTRY



7 TYPICAL ACCESS CONTROL PANEL DETAIL
NO SCALE



8 FIBER BACKBONE CABLE TERMINATION DETAIL
NO SCALE

STATE OF MISSOURI
RICHARD R. BEARDMORE
NUMBER 2010014744
PROFESSIONAL ENGINEER
8-17-21

ARCHITECT
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CIVIL ENGINEER
GENERAL CONTRACTOR
MECHANICAL ENGINEER
PLUMBING ENGINEER
ELECTRICAL ENGINEER

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PLUMBING
ELECTRICAL

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DATE: 7.15.2021

REVISIONS 1

1 PERMIT REVIEW COMMENTS 08-17-21

DWG BY CAD/RRB

TR.i PROJECT NO. 20-001

SHEET NO.

T201

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