MIDLAND COUNTY JAIL

EARLY SCHEMATIC DESIGN PHASE PACKAGE
ISSUED TO SHORTLISTED CONSTRUCTION MANAGEMENT FIRMS

E COUNTY RD 110 & S COUNTY RD 1140
MIDLAND, TEXAS

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MIDLAND COUNTY
NEW JAIL
E COUNTY RD 110 & S COUNTY RD 1140
MIDLAND, TEXAS

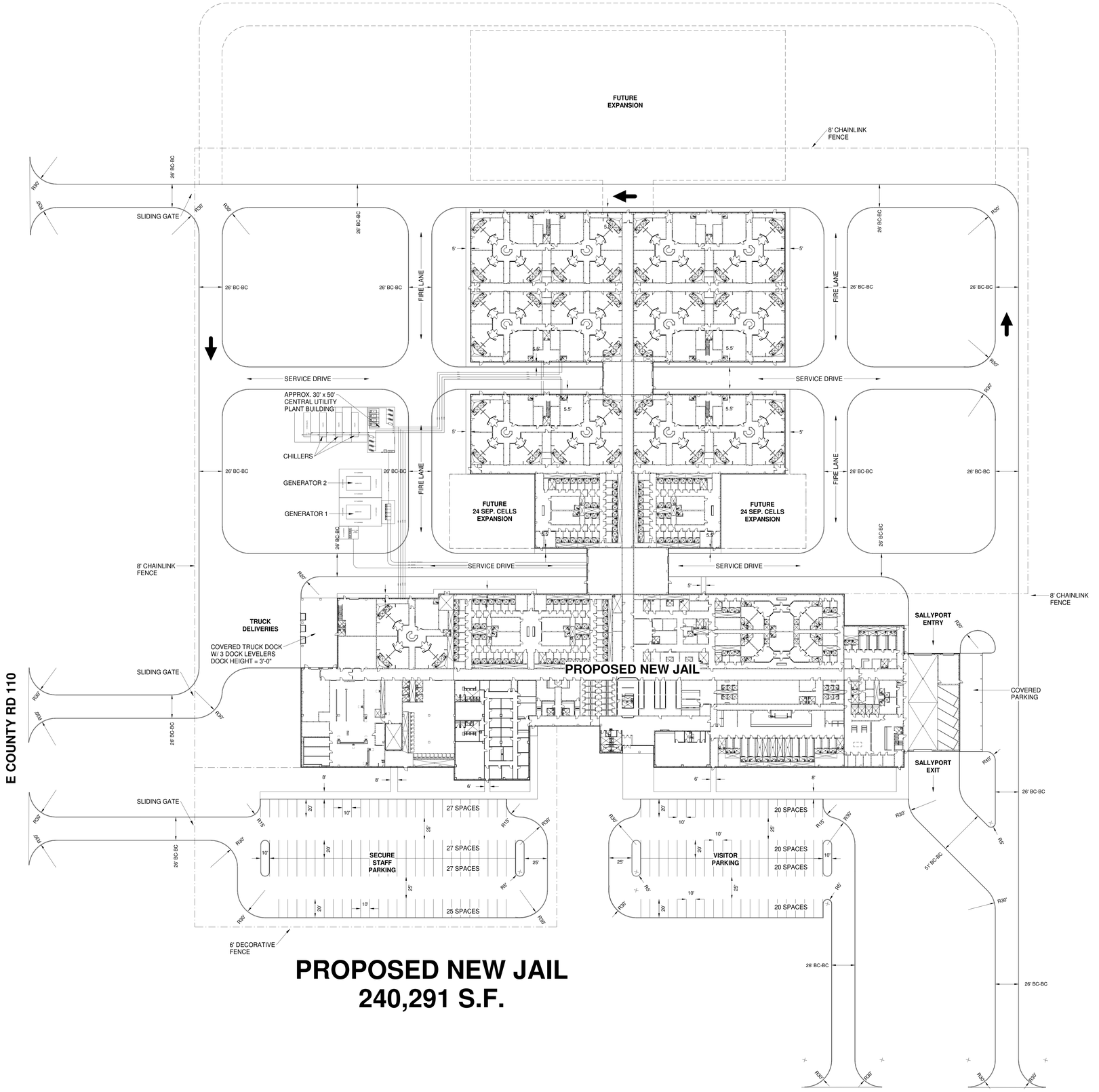
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Project Number	MCJ-22
Date	12/28/22
Scale	

COVER SHEET

A0.0



PROPOSED NEW JAIL
240,291 S.F.

1 SITE PLAN
1" = 40'-0"

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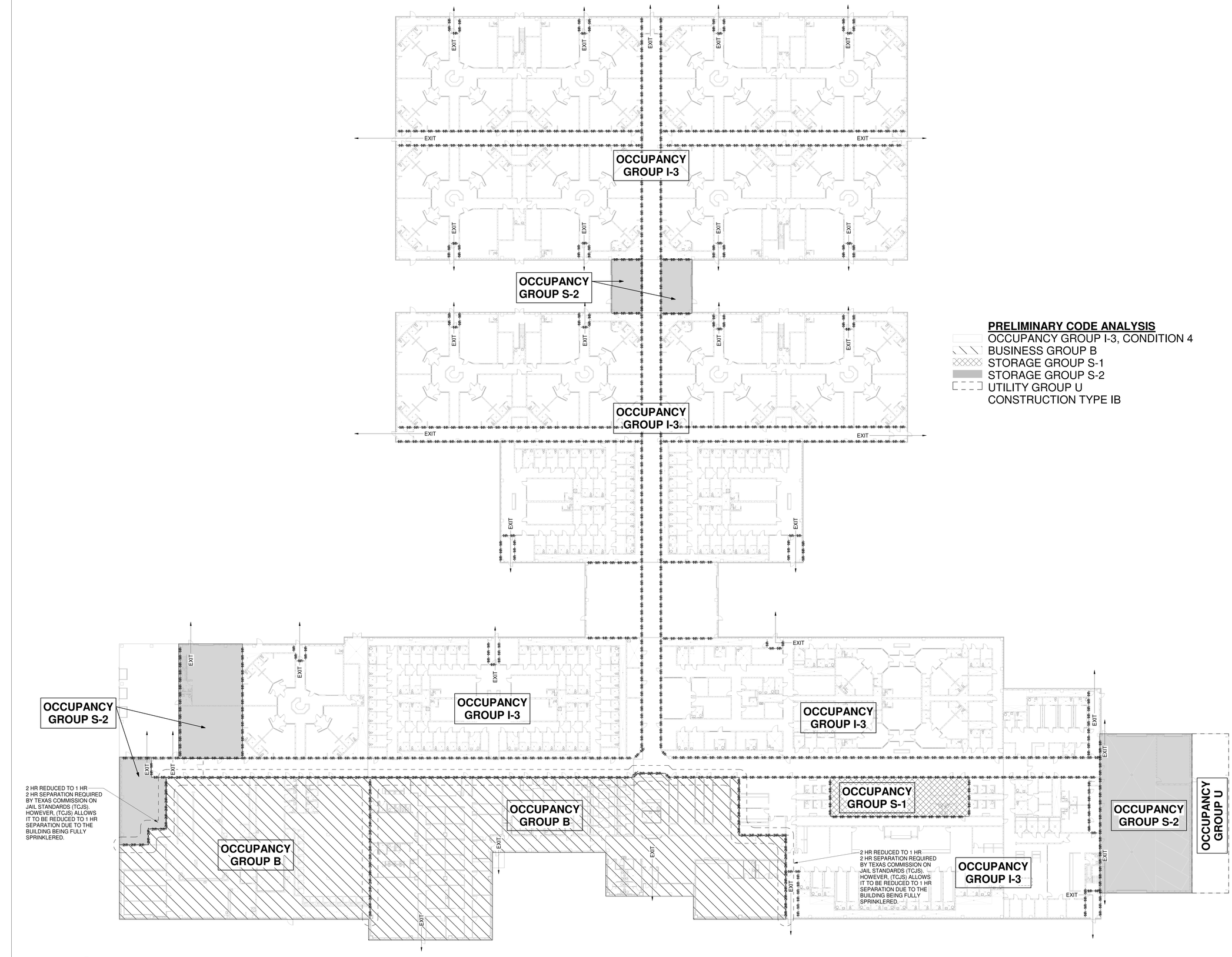
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Project Number	MCJ-22
Date	12/28/22
Scale	1" = 40'-0"

SITE PLAN

A0.1



PRELIMINARY CODE ANALYSIS

OCCUPANCY GROUP I-3, CONDITION 4
BUSINESS GROUP B
STORAGE GROUP S-1
STORAGE GROUP S-2
UTILITY GROUP U
CONSTRUCTION TYPE IB

1 CODE ANALYSIS - GROUND FLOOR
3/64" = 1'-0"

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Project Number	MCJ-22
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Scale	3/64" = 1'-0"

CODE ANALYSIS - GROUND FLOOR

A0.2

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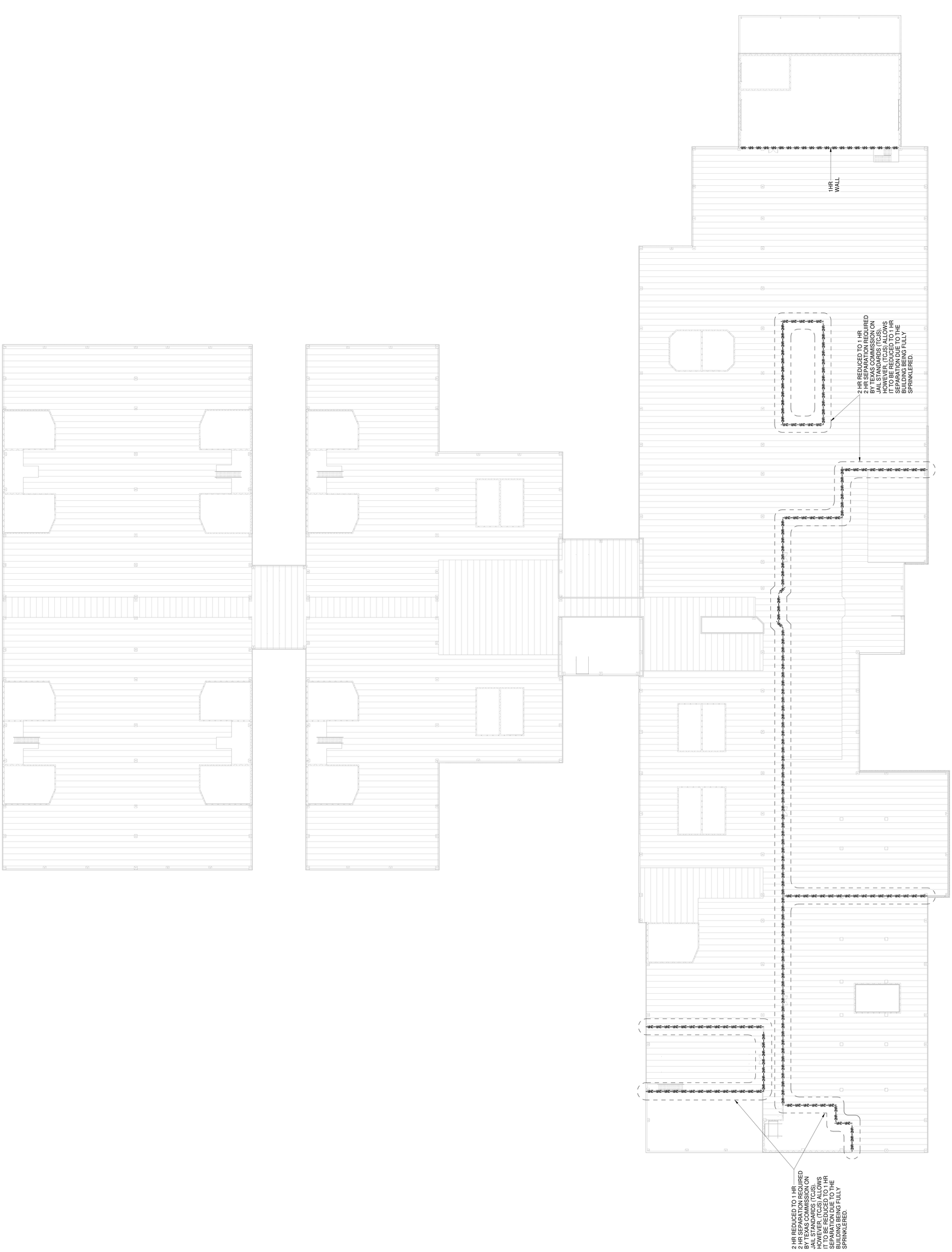
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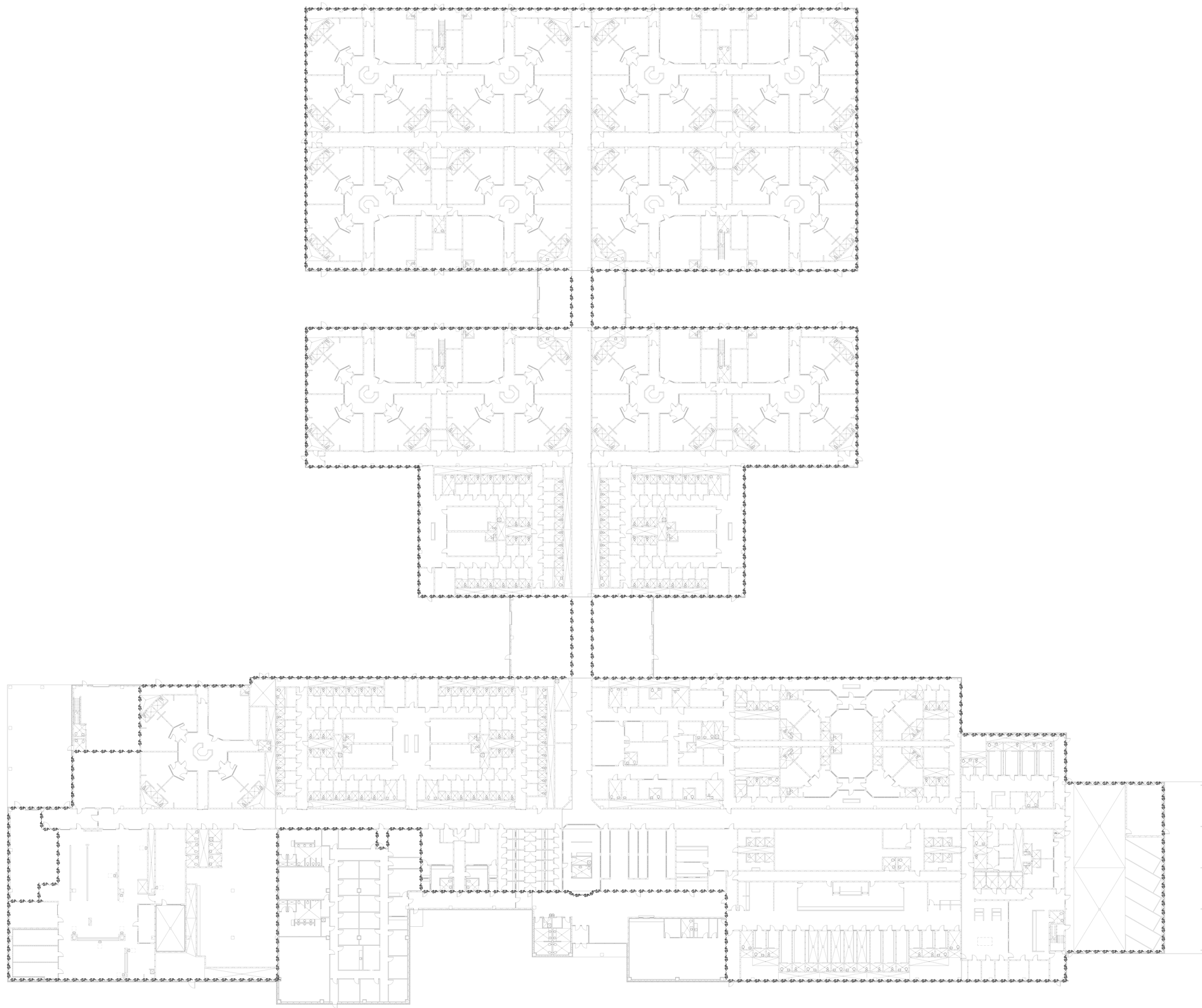
CODE ANALYSIS - MECHANICAL LEVEL PLAN

Project Number	MCJ-22
Date	12/28/22
Scale	3/64" = 1'-0"

A0.3



1 CODE ANALYSIS - MECHANICAL LEVEL PLAN
3/64" = 1'-0"



1 OVERALL - SECURITY PERIMETER PLAN
3/64" = 1'-0"

SECURE WALL TYPE LEGEND:		
MARK	**WALL TYPE**	**REINFORCEMENT**
SP	SECURE PERIMETER, CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C.
S1	SECURE, CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C.
S2	SECURE, CMU	#3 @16" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C. ALL CELLS (REINFORCED AND NON-REINFORCED) GROUTED SOLID.
S3	SECURE, CMU	#3 @16" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C. ONLY REINFORCED CELLS GROUTED SOLID.
NON MARKED	NON-SECURE, CMU	#3 @32" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 32" O.C. CELLS GROUTED SOLID @ 32" O.C.

SECURE WALL NOTES:	
1	REINFORCEMENT NOTED HERE INCLUDES ALL VERTICAL REINFORCING REQUIRED FOR STRUCTURAL AND SECURITY REQUIREMENTS UNLESS NOTED OTHERWISE IN THE DESIGN DOCUMENTS.
2	PROVIDE HORIZONTAL JOINT REINFORCEMENT @ 16" O.C. UNLESS NOTED OTHERWISE IN THE DESIGN DOCUMENTS.
3	REFER TO ARCHITECTURAL AND STRUCTURAL SECTIONS AND DETAILS FOR REQUIRED CMU BOND BEAMS AND REINFORCEMENT.
4	SECURE DRYWALL COMPOSITION : 24 GA. SHEET METAL SANDWICHED BETWEEN TWO LAYERS 5/8" GYPSUM BOARD ON ONE SIDE, AND 2 LAYERS 5/8" GYPSUM BOARD ON OPPOSITE SIDE OF 6" METAL STUD WALL FRAMING (600 S137-33) @ 16" O.C. REFER TO WALL SECTIONS FOR IDENTIFICATION OF SECURE SIDE OF APPLICATION.
5	TOPS OF MODESTY WALLS, OTHER NON-FULL HEIGHT CMU WALLS AND WINDOW SILLS AT 8" CMU WALLS SHALL RECEIVE AN INVERTED BOND BEAM REINFORCED WITH 1 - #5 HORIZ. AND #3 DOWELS VERTICALLY @ 16" O.C. MATCHING VERTICAL WALL REINFORCEMENT, GROUTED SOLID THEN SET AND ANCHORED TO CMU WALL.

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No.	Revision	Date

Project Number	MCJ-22
Date	12/28/22
Scale	As indicated

OVERALL - SECURITY PERIMETER PLAN

A0.4

SQUARE FOOTAGE AND SMOKE REMOVAL CALCULATION SCHEDULE

ROOM NUMBER	ROOM NAME	REQUIRED SQUARE FOOTAGE (SF) (GROSS)	ACTUAL SF (GROSS)	CUBIC FOOTAGE (CF)	SMOKE VOLUME CF X 2	SMOKE BOMB SIZE REQUIRED
D103	HOLDING HC (4)	107 SF	120 SF	1,203 CF	2,406 CF	30 sec.
D104	HOLDING (4)	106 SF	120 SF	1,203 CF	2,406 CF	30 sec.
D105	HOLDING HC (8)	187 SF	191 SF	1,914 CF	3,828 CF	30 sec.
D106	HOLDING (8)	186 SF	191 SF	1,914 CF	3,828 CF	30 sec.
D107	DETOX HC (8)	187 SF	191 SF	1,906 CF	3,811 CF	30 sec.
D108	DETOX (8)	186 SF	191 SF	1,914 CF	3,828 CF	30 sec.
D109	DETOX HC (8)	187 SF	191 SF	1,906 CF	3,811 CF	30 sec.
D110	DETOX HC (8)	187 SF	191 SF	1,906 CF	3,811 CF	30 sec.
D111	DETOX (8)	186 SF	191 SF	1,914 CF	3,828 CF	30 sec.
D112	HOLDING (8)	186 SF	191 SF	1,914 CF	3,828 CF	30 sec.
D113	HOLDING (8)	186 SF	191 SF	1,914 CF	3,828 CF	30 sec.
D114	HOLDING HC (8)	187 SF	191 SF	1,914 CF	3,828 CF	30 sec.
D116	HOLDING (4)	106 SF	120 SF	1,203 CF	2,406 CF	30 sec.
D117	HOLDING (4)	106 SF	120 SF	1,203 CF	2,406 CF	30 sec.
D118	HOLDING HC (4)	107 SF	120 SF	1,203 CF	2,406 CF	30 sec.
E115	HOLDING HC (1)	47 SF	80 SF	800 CF	1,600 CF	30 sec.
E117	HOLDING (1)	46 SF	80 SF	800 CF	1,600 CF	30 sec.
E123	VIOLENT	55 SF	68 SF	681 CF	1,363 CF	30 sec.
E124	VIOLENT	55 SF	68 SF	681 CF	1,363 CF	30 sec.
E125	VIOLENT	55 SF	68 SF	681 CF	1,363 CF	30 sec.
E126	VIOLENT	55 SF	68 SF	681 CF	1,363 CF	30 sec.
E128	4 BED SPECIAL HOUSING	270 SF	323 SF	3,230 CF	6,459 CF	60 sec.
E130	4 BED SPECIAL HOUSING	270 SF	323 SF	3,230 CF	6,459 CF	60 sec.
E140	HOLDING HC (1)	47 SF	74 SF	745 CF	1,490 CF	30 sec.
E141	HOLDING HC (1)	47 SF	74 SF	745 CF	1,490 CF	30 sec.
E142	HOLDING HC (8)	187 SF	196 SF	1,964 CF	3,928 CF	30 sec.
E143	HOLDING (8)	188 SF	196 SF	1,964 CF	3,928 CF	30 sec.
E144	HOLDING (8)	186 SF	196 SF	1,964 CF	3,928 CF	30 sec.
E145	HOLDING HC (8)	187 SF	196 SF	1,964 CF	3,928 CF	30 sec.
F107	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
F109	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
F110	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
F112	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
F116	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
F118	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
F121	EXERCISE	800 SF	810 SF	19,345 CF	38,690 CF	60 + 30 sec.
F122	MULTI-PURPOSE	200 SF	205 SF	2,050 CF	4,100 CF	60 sec.
G102	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G103	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G104	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G105	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G106	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G107	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G108	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G109	SEP. / NP CELL	80 SF	140 SF	1,398 CF	2,796 CF	30 sec.
G112	MULTI-PURPOSE	200 SF	214 SF	2,141 CF	4,282 CF	60 sec.
G113	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G114	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G115	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G116	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G117	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G118	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G120	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.

SQUARE FOOTAGE AND SMOKE REMOVAL CALCULATION SCHEDULE

ROOM NUMBER	ROOM NAME	REQUIRED SQUARE FOOTAGE (SF) (GROSS)	ACTUAL SF (GROSS)	CUBIC FOOTAGE (CF)	SMOKE VOLUME CF X 2	SMOKE BOMB SIZE REQUIRED
G121	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G123	EXERCISE	200 SF	448 SF	10,905 CF	21,810 CF	60 + 30 sec.
G124	EXERCISE	200 SF	450 SF	11,263 CF	22,525 CF	60 + 30 sec.
G126	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G127	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G130	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G131	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G132	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G133	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G134	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G135	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G143	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G144	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G145	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G146	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G147	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G148	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G149	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G150	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G152	EXERCISE	200 SF	450 SF	11,263 CF	22,525 CF	60 + 30 sec.
G153	EXERCISE	200 SF	448 SF	10,905 CF	21,810 CF	60 + 30 sec.
G155	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G156	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G160	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G161	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G162	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G163	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G164	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G165	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G166	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G167	SEP. / NP CELL	80 SF	140 SF	1,398 CF	2,796 CF	30 sec.
G168	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G169	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G170	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G171	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G172	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G173	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
G174	MULTI-PURPOSE	200 SF	214 SF	2,141 CF	4,282 CF	60 sec.
H105	2 BED MEDICAL CELL	99 SF	237 SF	2,370 CF	4,740 CF	60 sec.
H106	2 BED MEDICAL CELL	99 SF	237 SF	2,370 CF	4,740 CF	60 sec.
H107	SINGLE MEDICAL CELL	61 SF	120 SF	1,200 CF	2,400 CF	30 sec.
H127	2 BED MEDICAL CELL	99 SF	237 SF	2,370 CF	4,740 CF	60 sec.
H128	SINGLE MEDICAL CELL	61 SF	120 SF	1,200 CF	2,400 CF	30 sec.
H129	MULTI-PURPOSE	200 SF	215 SF	2,153 CF	4,306 CF	60 sec.
J102	VIOLENT	55 SF	68 SF	681 CF	1,363 CF	30 sec.
J103	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
J104	SEP. / NP CELL	80 SF	140 SF	1,398 CF	2,796 CF	30 sec.
J108	5 BED HC M.O. CELL	210 SF	253 SF	2,532 CF	5,065 CF	60 sec.
J109	5 BED M.O. CELL	210 SF	253 SF	2,532 CF	5,065 CF	60 sec.
J111	DAYROOM	267 SF	369 SF	3,686 CF	7,372 CF	60 sec.
J112	EXERCISE	500 SF	512 SF	12,858 CF	25,715 CF	60 + 30 sec.
J115	DAYROOM	267 SF	369 SF	3,686 CF	7,372 CF	60 sec.
J116	5 BED M.O. CELL	210 SF	253 SF	2,532 CF	5,065 CF	60 sec.

SQUARE FOOTAGE AND SMOKE REMOVAL CALCULATION SCHEDULE

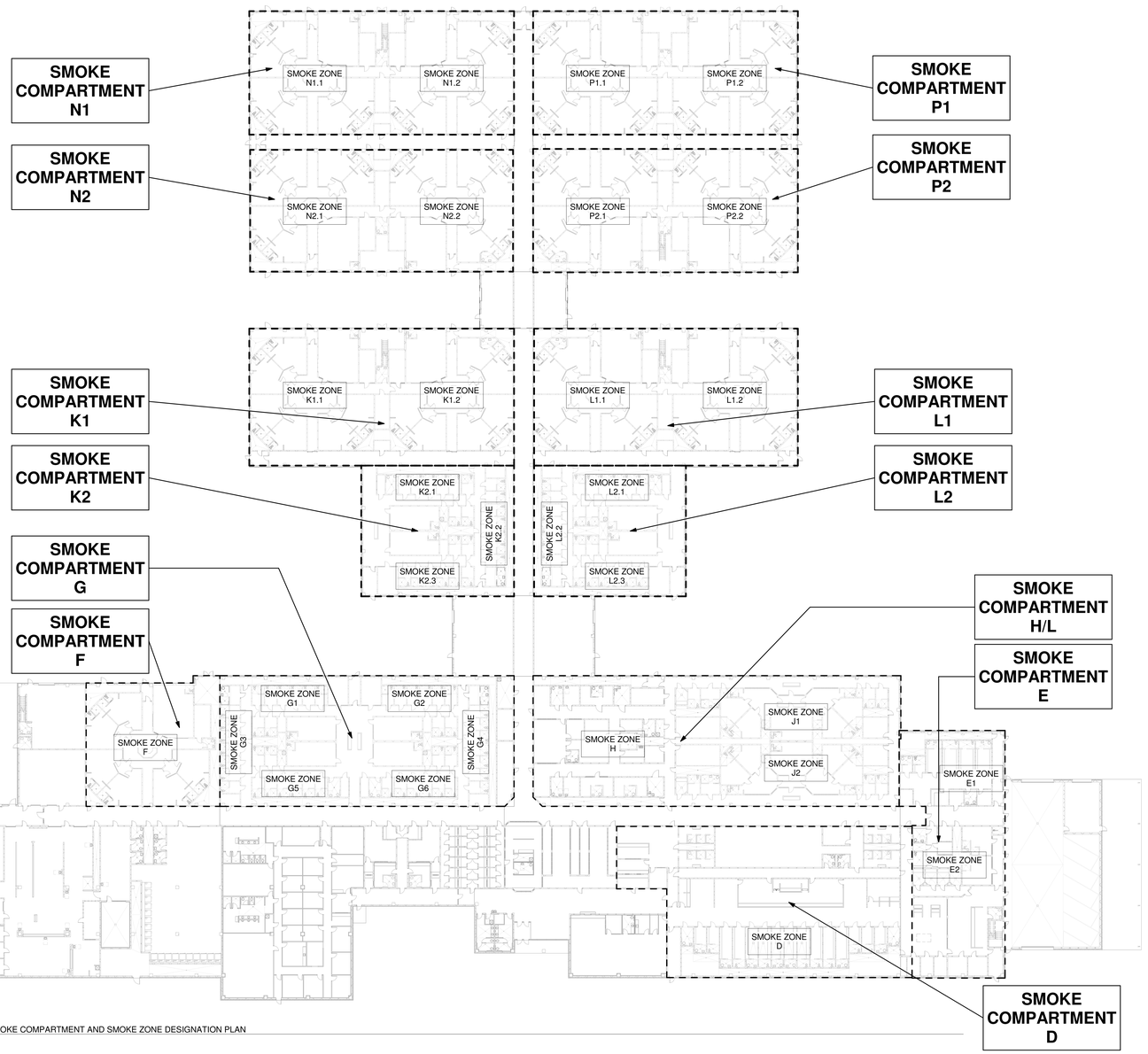
ROOM NUMBER	ROOM NAME	REQUIRED SQUARE FOOTAGE (SF) (GROSS)	ACTUAL SF (GROSS)	CUBIC FOOTAGE (CF)	SMOKE VOLUME CF X 2	SMOKE BOMB SIZE REQUIRED
J117	5 BED M.O. CELL	210 SF	253 SF	2,532 CF	5,065 CF	60 sec.
J121	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
J122	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
J128	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
J129	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
J132	5 BED M.O. CELL	210 SF	253 SF	2,532 CF	5,065 CF	60 sec.
J133	5 BED M.O. CELL	210 SF	253 SF	2,532 CF	5,065 CF	60 sec.
J134	DAYROOM	267 SF	369 SF	3,686 CF	7,372 CF	60 sec.
J135	EXERCISE	500 SF	512 SF	12,410 CF	24,820 CF	60 + 30 sec.
J138	DAYROOM	267 SF	369 SF	3,686 CF	7,372 CF	60 sec.
J139	5 BED HC M.O. CELL	210 SF	253 SF	2,532 CF	5,065 CF	60 sec.
J140	5 BED M.O. CELL	210 SF	253 SF	2,532 CF	5,065 CF	60 sec.
J144	SEP. / NP CELL	80 SF	140 SF	1,398 CF	2,796 CF	30 sec.
J145	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
J146	VIOLENT	55 SF	68 SF	681 CF	1,363 CF	30 sec.
K102	MULTI-PURPOSE	200 SF	214 SF	2,141 CF	4,282 CF	60 sec.
K103	SEP. CELL	80 SF	88 SF	881 CF	1,763 CF	30 sec.
K104	SEP. CELL	80 SF	88 SF	881 CF	1,763 CF	30 sec.
K105	SEP. CELL	80 SF	88 SF	881 CF	1,763 CF	30 sec.
K106	SEP. CELL	80 SF	88 SF	881 CF	1,763 CF	30 sec.
K107	SEP. CELL	80 SF	88 SF	881 CF	1,763 CF	30 sec.
K108	SEP. CELL	80 SF	88 SF	881 CF	1,763 CF	30 sec.
K110	SEP. CELL	80 SF	88 SF	881 CF	1,763 CF	30 sec.
K111	SEP. CELL	80 SF	88 SF	881 CF	1,763 CF	30 sec.
K113	EXERCISE	200 SF	448 SF	11,008 CF	22,016 CF	60 + 30 sec.
K115	EXERCISE	200 SF	450 SF	11,366 CF	22,732 CF	60 + 30 sec.
K117	SEP. CELL	80 SF	88 SF	881 CF	1,763 CF	30 sec.
K118	SEP. CELL	80 SF	88 SF	881 CF	1,763 CF	30 sec.
K123	SEP. CELL	80 SF	88 SF	881 CF	1,763 CF	30 sec.
K124	SEP. CELL	80 SF	88 SF	881 CF	1,763 CF	30 sec.
K125	SEP. CELL	80 SF	88 SF	881 CF	1,763 CF	30 sec.
K126	SEP. CELL	80 SF	88 SF	881 CF	1,763 CF	30 sec.
K127	SEP. CELL	80 SF	88 SF	881 CF	1,763 CF	30 sec.
K128	SEP. CELL	80 SF	88 SF	881 CF	1,763 CF	30 sec.
K131	SEP. / NP CELL	80 SF	140 SF	1,398 CF	2,796 CF	30 sec.
K132	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
K133	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
K134	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
K135	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
K136	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
K137	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
K138	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
K144	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
K146	8 BED M.O. W/ DAYROOM	430 SF	449 SF	4,490 CF	8,979 CF	60 + 30 sec.
K147	8 BED M.O. W/ DAYROOM	430 SF	449 SF	4,490 CF	8,979 CF	60 + 30 sec.
K149	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
K152	EXERCISE	800 SF	810 SF	19,088 CF	38,176 CF	60 + 30 sec.
K154	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
K156	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
K160	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
K162	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
K165	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
K167	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.

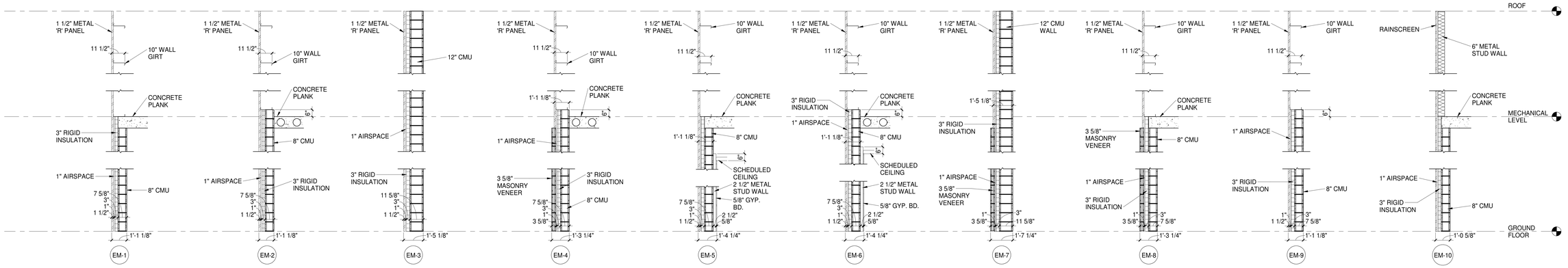
SQUARE FOOTAGE AND SMOKE REMOVAL CALCULATION SCHEDULE

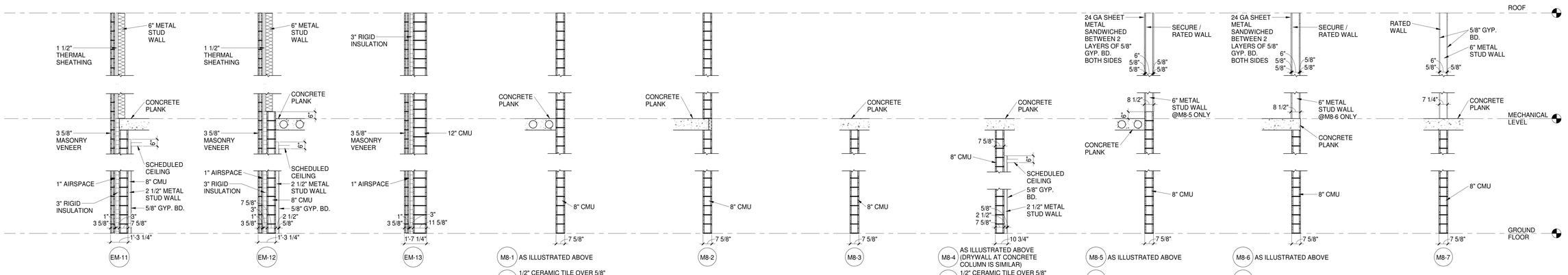
ROOM NUMBER	ROOM NAME	REQUIRED SQUARE FOOTAGE (SF) (GROSS)	ACTUAL SF (GROSS)	CUBIC FOOTAGE (CF)	SMOKE VOLUME CF X 2	SMOKE BOMB SIZE REQUIRED
K168	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
K170	8 BED HC M.O. W/ DAYROOM	430 SF	451 SF	4,614 CF	9,228 CF	60 + 30 sec.
K173	EXERCISE	800 SF	808 SF	19,043 CF	38,087 CF	60 + 30 sec.
K174	MULTI-PURPOSE	200 SF	205 SF	2,050 CF	4,100 CF	60 sec.
K176	MULTI-PURPOSE	200 SF	205 SF	2,050 CF	4,100 CF	60 sec.
L102	MULTI-PURPOSE	200 SF	214 SF	2,141 CF	4,282 CF	60 sec.
L104	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
L105	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
L106	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
L107	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
L108	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
L109	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
L111	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
L112	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
L114	EXERCISE	200 SF	448 SF	11,008 CF	22,016 CF	60 + 30 sec.
L116	EXERCISE	200 SF	450 SF	11,366 CF	22,732 CF	60 + 30 sec.
L118	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
L119	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
L121	SEP. / NP CELL	80 SF	140 SF	1,398 CF	2,796 CF	30 sec.
L122	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
L123	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
L124	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
L125	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
L126	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
L127	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
L128	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
L131	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
L132	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
L133	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
L134	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
L135	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
L136	SEP. CELL	80 SF	88 SF	881 CF	1,762 CF	30 sec.
L144	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
L146	8 BED M.O. W/ DAYROOM	430 SF	449 SF	4,490 CF	8,979 CF	60 + 30 sec.
L147	8 BED M.O. W/ DAYROOM	430 SF	449 SF	4,490 CF	8,979 CF	60 + 30 sec.
L149	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
L153	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
L155	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
L160	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
L162	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
L166	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
L168	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
L169	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
L171	8 BED HC M.O. W/ DAYROOM	430 SF	451 SF	4,614 CF	9,228 CF	60 + 30 sec.
L174	EXERCISE	800 SF	808 SF	19,043 CF	38,087 CF	60 + 30 sec.
L175	MULTI-PURPOSE	200 SF	205 SF	2,050 CF	4,100 CF	60 sec.
L177	MULTI-PURPOSE	200 SF	205 SF	2,050 CF	4,100 CF	60 sec.
L179	EXERCISE	800 SF	810 SF	19,088 CF	38,176 CF	60 + 30 sec.
N102	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
N104	8 BED M.O. W/ DAYROOM	430 SF	449 SF	4,490 CF	8,979 CF	60 + 30 sec.
N105	8 BED M.O. W/ DAYROOM	430 SF	449 SF	4,490 CF	8,979 CF	60 + 30 sec.
N107	8 BED M.O. W/ DAYROOM	430 SF	449 SF	4,490 CF	8,979 CF	60 + 30 sec.
N111	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.

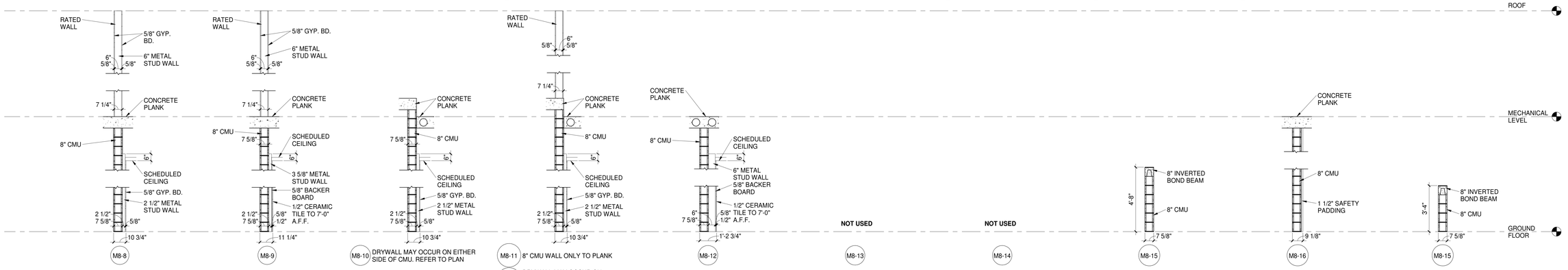
SQUARE FOOTAGE AND SMOKE REMOVAL CALCULATION SCHEDULE

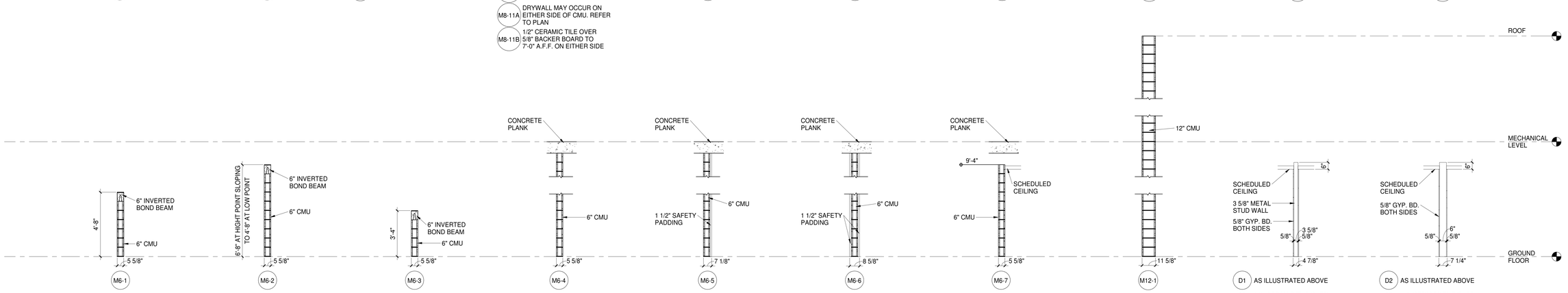
ROOM NUMBER	ROOM NAME	REQUIRED SQUARE FOOTAGE (SF) (GROSS)	ACTUAL SF (GROSS)	CUBIC FOOTAGE (CF)	SMOKE VOLUME CF X 2	SMOKE BOMB SIZE REQUIRED
N113	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
N118	EXERCISE	800 SF	810 SF	19,123 CF	38,246 CF	60 + 30 sec.
N119	MULTI-PURPOSE	200 SF	205 SF	2,050 CF	4,100 CF	60 sec.
N122	MULTI-PURPOSE	200 SF	205 SF	2,050 CF	4,100 CF	60 sec.
N123	EXERCISE	800 SF	808 SF	19,078 CF	38,156 CF	60 + 30 sec.
N126	8 BED HC M.O. W/ DAYROOM	430 SF	461 SF	4,614 CF	9,228 CF	60 + 30 sec.
N128	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
N129	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
N131	8 BED M.O. W/ DAYROOM	430 SF	449 SF	4,490 CF	8,979 CF	60 + 30 sec.
N135	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
N137	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
N141	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
N143	8 BED M.O. W/ DAYROOM	430 SF	449 SF	4,490 CF	8,979 CF	60 + 30 sec.
N144	8 BED M.O. W/ DAYROOM	430 SF	449 SF	4,490 CF	8,979 CF	60 + 30 sec.
N146	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
N150	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
N152	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
N154	EXERCISE	800 SF	810 SF	19,123 CF	38,246 CF	60 + 30 sec.
N155	MULTI-PURPOSE	200 SF	205 SF	2,050 CF	4,100 CF	60 sec.
N158	MULTI-PURPOSE	200 SF	205 SF	2,050 CF	4,100 CF	60 sec.
N159	EXERCISE	800 SF	810 SF	19,123 CF	38,246 CF	60 + 30 sec.
N164	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
N166	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
N168	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
N170	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
N171	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
N173	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
P103	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
P105	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
P106	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
P108	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
P111	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
P113	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
P115	EXERCISE	800 SF	810 SF	19,123 CF	38,246 CF	60 + 30 sec.
P116	MULTI-PURPOSE	200 SF	205 SF	2,050 CF	4,100 CF	60 sec.
P119	MULTI-PURPOSE	200 SF	205 SF	2,050 CF	4,100 CF	60 sec.
P120	EXERCISE	800 SF	810 SF	19,123 CF	38,246 CF	60 + 30 sec.
P125	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
P127	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
P131	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
P133	8 BED M.O. W/ DAYROOM	430 SF	449 SF	4,490 CF	8,979 CF	60 + 30 sec.
P134	8 BED M.O. W/ DAYROOM	430 SF	449 SF	4,490 CF	8,979 CF	60 + 30 sec.
P136	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
P141	8 BED M.O. W/ DAYROOM	430 SF	449 SF	4,490 CF	8,979 CF	60 + 30 sec.
P143	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
P144	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
P146	8 BED HC M.O. W/ DAYROOM	430 SF	461 SF	4,614 CF	9,228 CF	60 + 30 sec.
P150	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
P152	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
P154	EXERCISE	800 SF	808 SF	19,145 CF	38,289 CF	60 + 30 sec.
P155	MULTI-PURPOSE	200 SF	205 SF	2,050 CF	4,100 CF	60 sec.
P158	MULTI-PURPOSE	200 SF	205 SF	2,050 CF	4,100 CF	60 sec.
P159	EXERCISE	800 SF	810 SF	19,189 CF	38,378 CF	60 + 30 sec.
P164	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
P166	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
P170	8 BED M.O. W/ DAYROOM	430 SF	451 SF	4,511 CF	9,021 CF	60 + 30 sec.
P172	8 BED M.O. W/ DAYROOM	430 SF	449 SF	4,490 CF	8,979 CF	60 + 30 sec.
P173	8 BED M.O. W/ DAYROOM	430 SF	449 SF	4,490 CF	8,979 CF	60 + 30 sec.
P175	8 BED M.O. W/ DAYROOM	430 SF	449 SF	4,490 CF	8,979 CF	60 + 30 sec.


SMOKE COMPARTMENT N1
SMOKE COMPARTMENT N2
SMOKE COMPARTMENT P1
SMOKE COMPARTMENT P2
SMOKE COMPARTMENT K1
SMOKE COMPARTMENT K2
SMOKE COMPARTMENT L1
SMOKE COMPARTMENT L2
SMOKE COMPARTMENT G
SMOKE COMPARTMENT F
SMOKE COMPARTMENT H/L
SMOKE COMPARTMENT E
SMOKE COMPARTMENT D
SMOKE ZONE N1.1
SMOKE ZONE N1.2
SMOKE ZONE N2.1
SMOKE ZONE N2.2
SMOKE ZONE P1.1
SMOKE ZONE P1.2
SMOKE ZONE P2.1
SMOKE ZONE P2.2
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SMOKE ZONE G2
SMOKE ZONE G3
SMOKE ZONE G4
SMOKE ZONE G5
SMOKE ZONE G6
SMO









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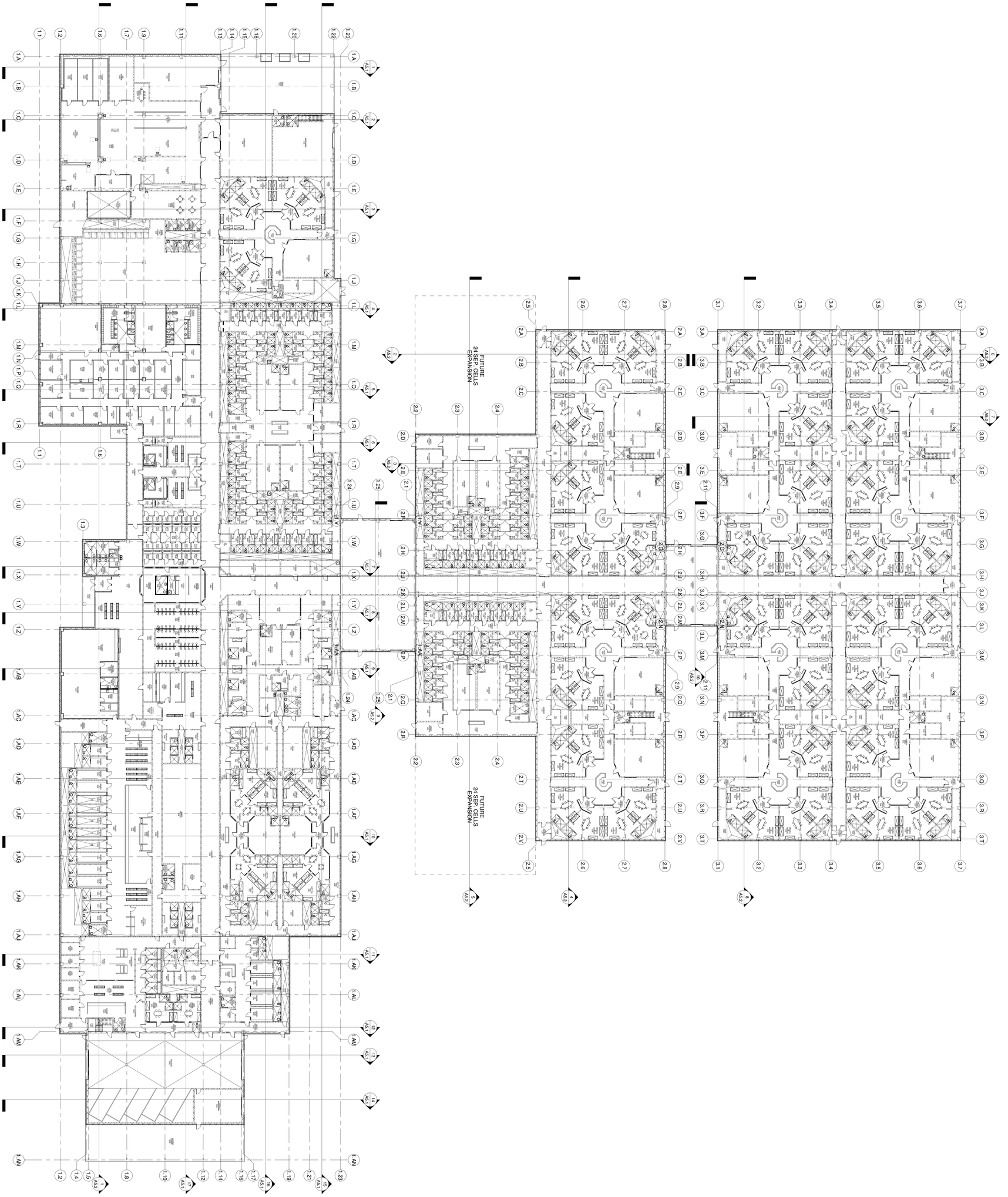
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Project Number	MCJ-22
Date	12/28/22
Scale	3/8" = 1'-0"

WALL PARTITION SCHEDULE

A0.6



1 OVERALL - FLOOR PLAN
3/64" = 1'-0"

Project Number	MCJ-22
Date	12/28/22
Scale	3/64" = 1'-0"

A1.1

OVERALL - FLOOR PLAN

NOTE: DO NOT SCALE DRAWING
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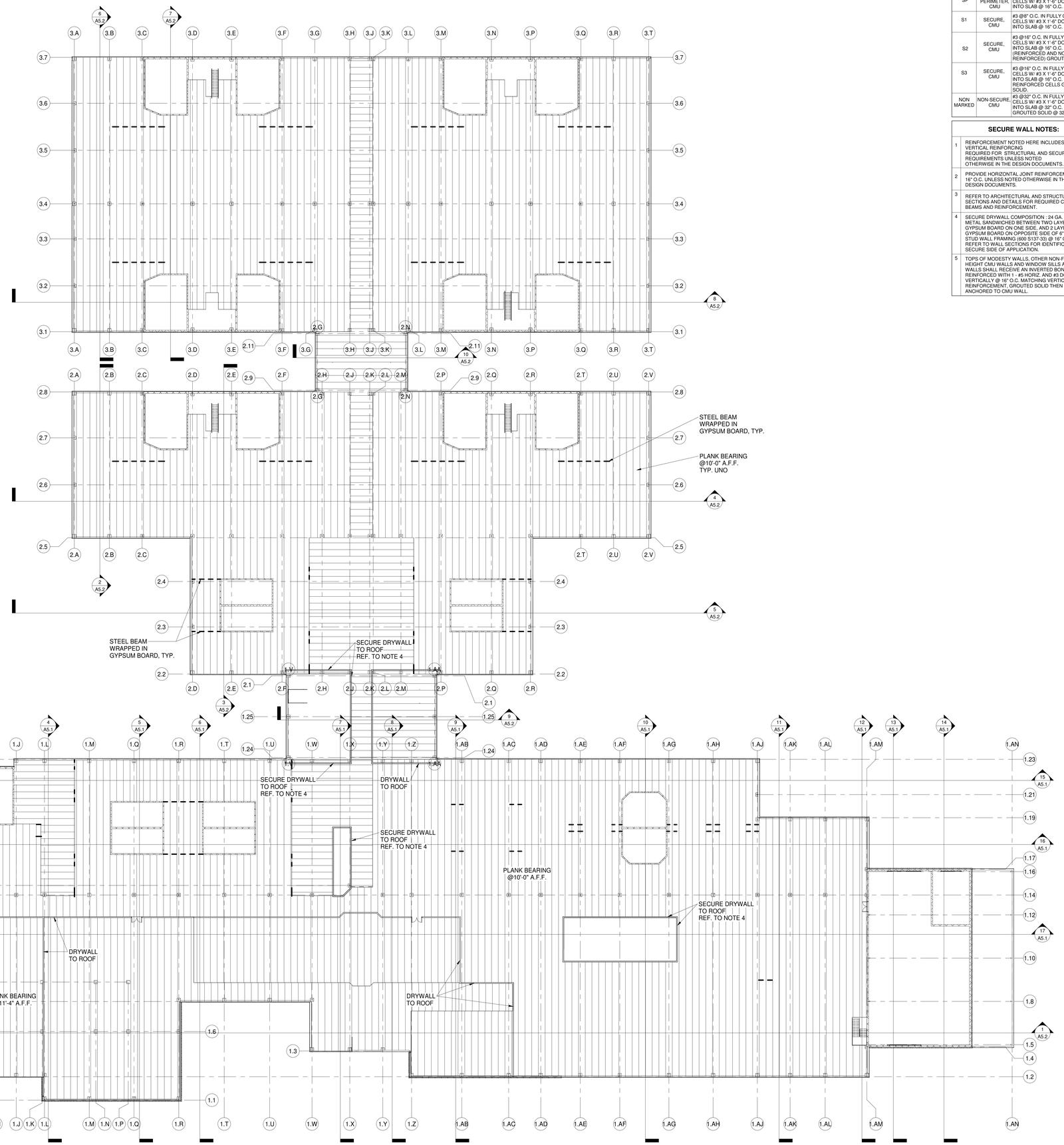
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1 OVERALL - MECHANICAL LEVEL PLAN
3/64" = 1'-0"

SECURE WALL TYPE LEGEND:		
MARK	**WALL TYPE**	**REINFORCEMENT**
SP	SECURE PERIMETER, CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C.
S1	SECURE, CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C.
S2	SECURE, CMU	#3 @16" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C. ALL CELLS (REINFORCED AND NON-REINFORCED) GROUTED SOLID.
S3	SECURE, CMU	#3 @16" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C. ONLY REINFORCED CELLS GROUTED SOLID.
NON MARKED	NON-SECURE, CMU	#3 @32" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 32" O.C. CELLS GROUTED SOLID @ 32" O.C.

SECURE WALL NOTES:	
1	REINFORCEMENT NOTED HERE INCLUDES ALL VERTICAL REINFORCING REQUIRED FOR STRUCTURAL AND SECURITY REQUIREMENTS UNLESS NOTED OTHERWISE IN THE DESIGN DOCUMENTS.
2	PROVIDE HORIZONTAL JOINT REINFORCEMENT @ 16" O.C. UNLESS NOTED OTHERWISE IN THE DESIGN DOCUMENTS.
3	REFER TO ARCHITECTURAL AND STRUCTURAL SECTIONS AND DETAILS FOR REQUIRED CMU BOND BEAMS AND REINFORCEMENT.
4	SECURE DRYWALL COMPOSITION : 24 GA. SHEET METAL SANDWICHED BETWEEN TWO LAYERS 5/8" GYPSUM BOARD ON ONE SIDE, AND 2 LAYERS 5/8" GYPSUM BOARD ON OPPOSITE SIDE OF 6" METAL STUD WALL FRAMING (600 S137-33) @ 16" O.C. REFER TO WALL SECTIONS FOR IDENTIFICATION OF SECURE SIDE OF APPLICATION.
5	TOPS OF MODESTY WALLS, OTHER NON-FULL HEIGHT CMU WALLS AND WINDOW SILLS AT 8" CMU WALLS SHALL RECEIVE AN INVERTED BOND BEAM REINFORCED WITH 1 - #5 HORIZ. AND #3 DOWELS VERTICALLY @ 16" O.C. MATCHING VERTICAL WALL REINFORCEMENT, GROUTED SOLID THEN SET AND ANCHORED TO CMU WALL.

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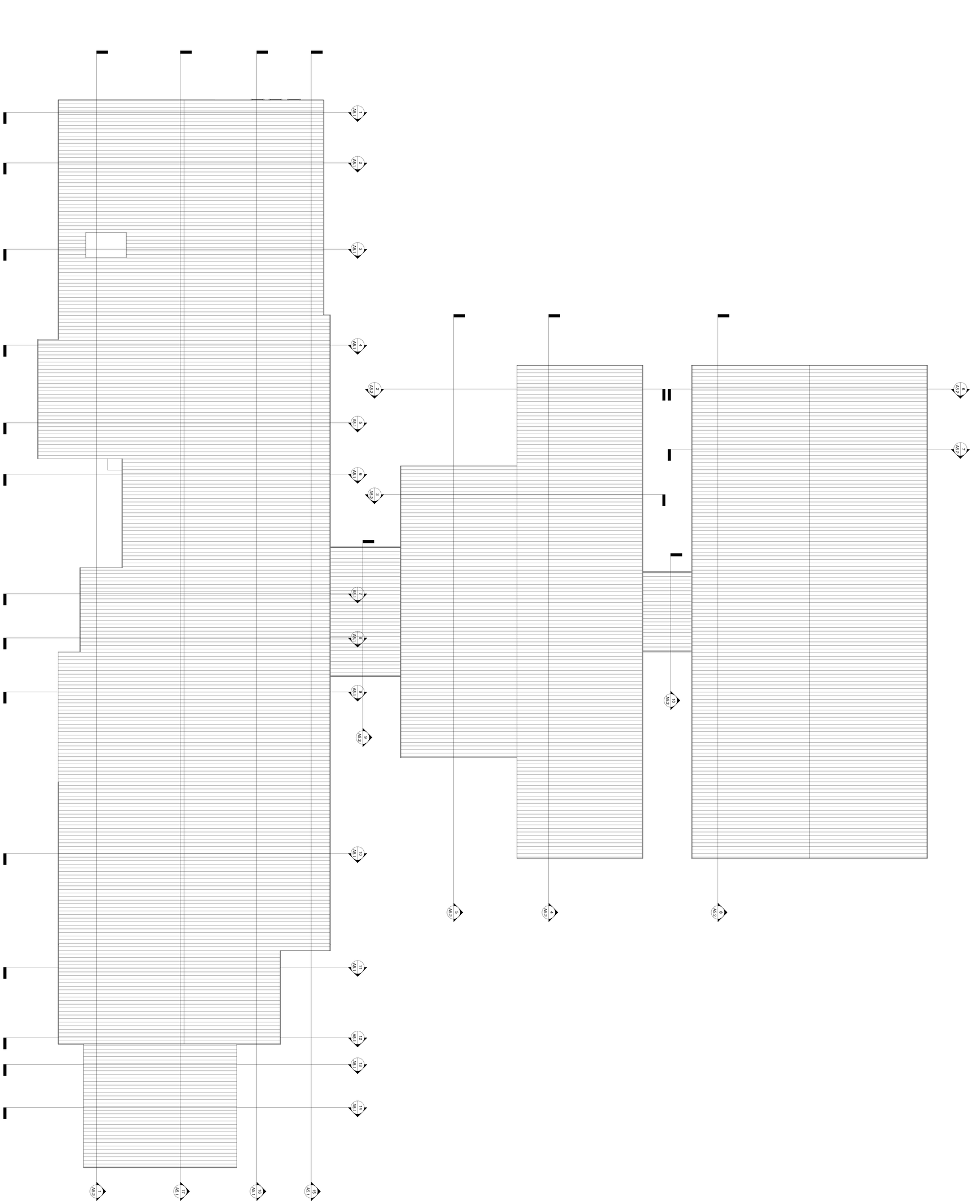
No.	Revision	Date

Project Number	MCJ-22
Date	12/28/22
Scale	As indicated

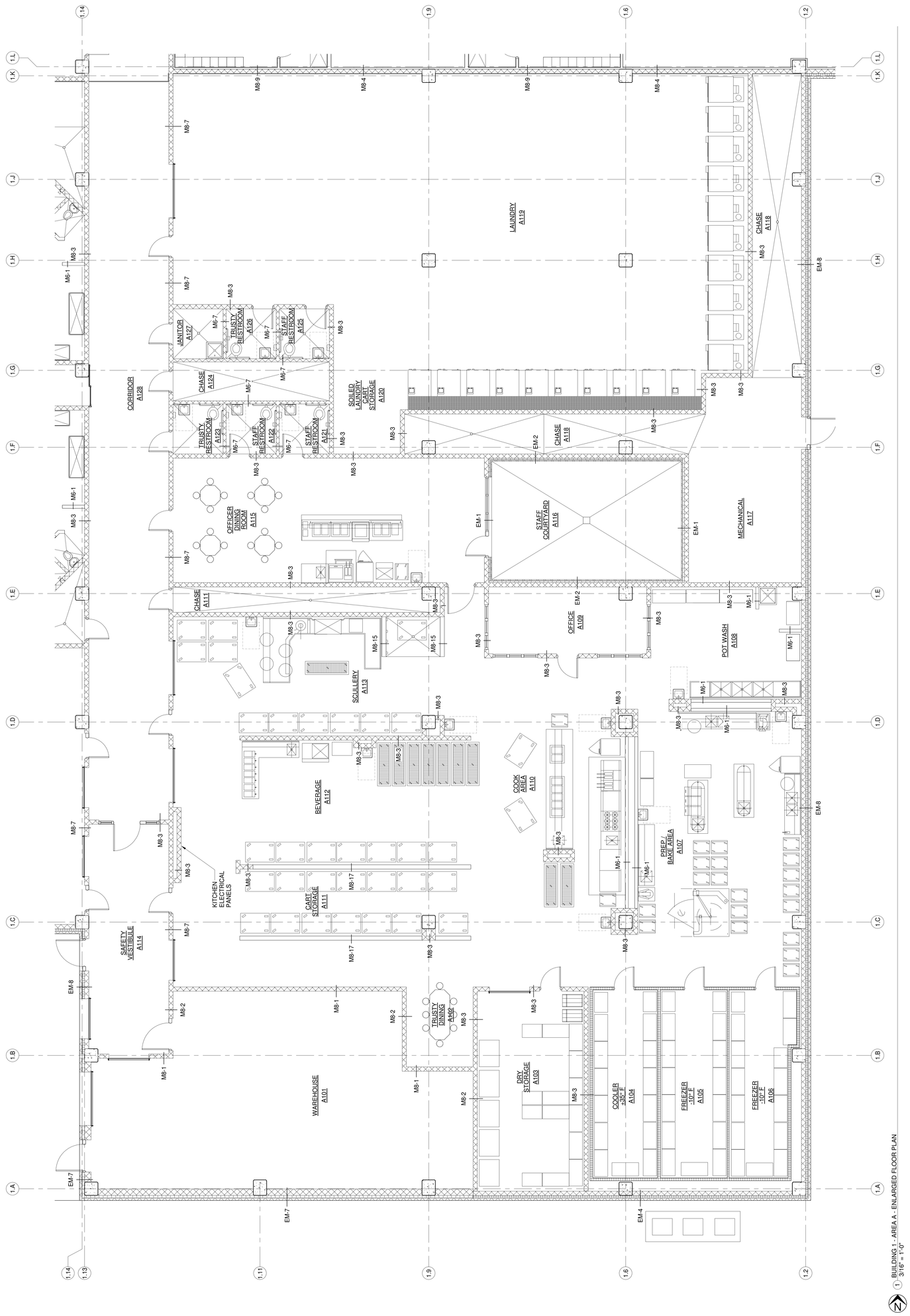
OVERALL - MECHANICAL LEVEL PLAN

A1.2

1 OVERALL - ROOF PLAN
3/64" = 1'-0"



A1.3	Project Number MCJ-22 Date 12/28/22 Scale 3/64" = 1'-0" **OVERALL - ROOF PLAN**		NOTE: DO NOT SCALE DRAWING **EARLY SCHEMATIC DESIGN PHASE PACKAGE ISSUED TO SHORTLISTED CONSTRUCTION MANAGEMENT FIRMS** NOT FOR REGULATORY APPROVAL, CONSTRUCTION, OR PERMITTING	No. / Revision / Date	**MIDLAND COUNTY** NEW JAIL E COUNTY RD 110 & S COUNTY RD 1140 MIDLAND, TEXAS	BURNS ARCHITECTURE,LLC P.O. BOX 2639 GALVESTON, TX 77553 Copyright 2022; KENNETH C. BURNS, AIA.	BURNS ARCHITECTURE, LLC



1 BUILDING 1 - AREA A - ENLARGED FLOOR PLAN
3/16" = 1'-0"

A1.A.1	BUILDING 1 - AREA A - ENLARGED FLOOR PLAN	
	Project Number	MCJ-22
	Date	12/28/22
	Scale	3/16" = 1'-0"

AREA MAP

F G H J E
A B C D
N P K L

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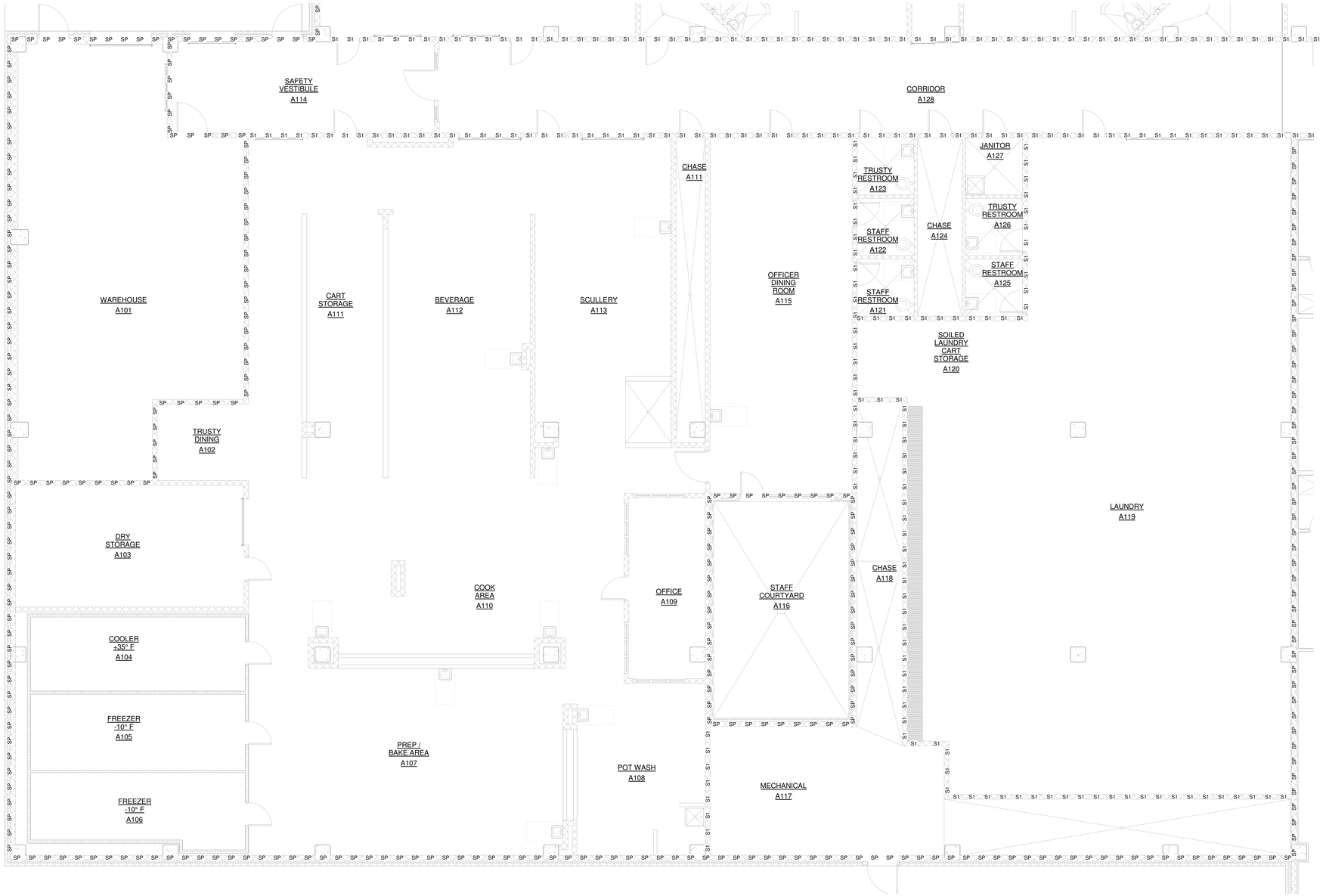
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1 BUILDING 1 - AREA A - DETENTION WALL & CMU REINFORCEMENT
3/16" = 1'-0"

SECURE WALL TYPE LEGEND:		
MARK	WALL TYPE	REINFORCEMENT
SP	SECURE PERIMETER, CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C.
S1	SECURE, CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C.
S2	SECURE, CMU	#3 @16" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C. ALL CELLS (REINFORCED AND NON-REINFORCED) GROUTED SOLID.
S3	SECURE, CMU	#3 @16" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C. ONLY REINFORCED CELLS GROUTED SOLID.
NON MARKED	NON-SECURE, CMU	#3 @32" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 32" O.C. CELLS GROUTED SOLID @ 32" O.C.

SECURE WALL NOTES:	
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4	SECURE DRYWALL COMPOSITION : 24 GA. SHEET METAL SANDWICHED BETWEEN TWO LAYERS 5/8" GYPSUM BOARD ON ONE SIDE, AND 2 LAYERS 5/8" GYPSUM BOARD ON OPPOSITE SIDE OF 6" METAL STUD WALL FRAMING (600 S137-33) @ 16" O.C. REFER TO WALL SECTIONS FOR IDENTIFICATION OF SECURE SIDE OF APPLICATION.
5	TOPS OF MODESTY WALLS, OTHER NON-FULL HEIGHT CMU WALLS AND WINDOW SILLS AT 8" CMU WALLS SHALL RECEIVE AN INVERTED BOND BEAM REINFORCED WITH 1 - #5 HORIZ. AND #3 DOWELS VERTICALLY @ 16" O.C. MATCHING VERTICAL WALL REINFORCEMENT, GROUTED SOLID THEN SET AND ANCHORED TO CMU WALL.

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No.	Revision	Date

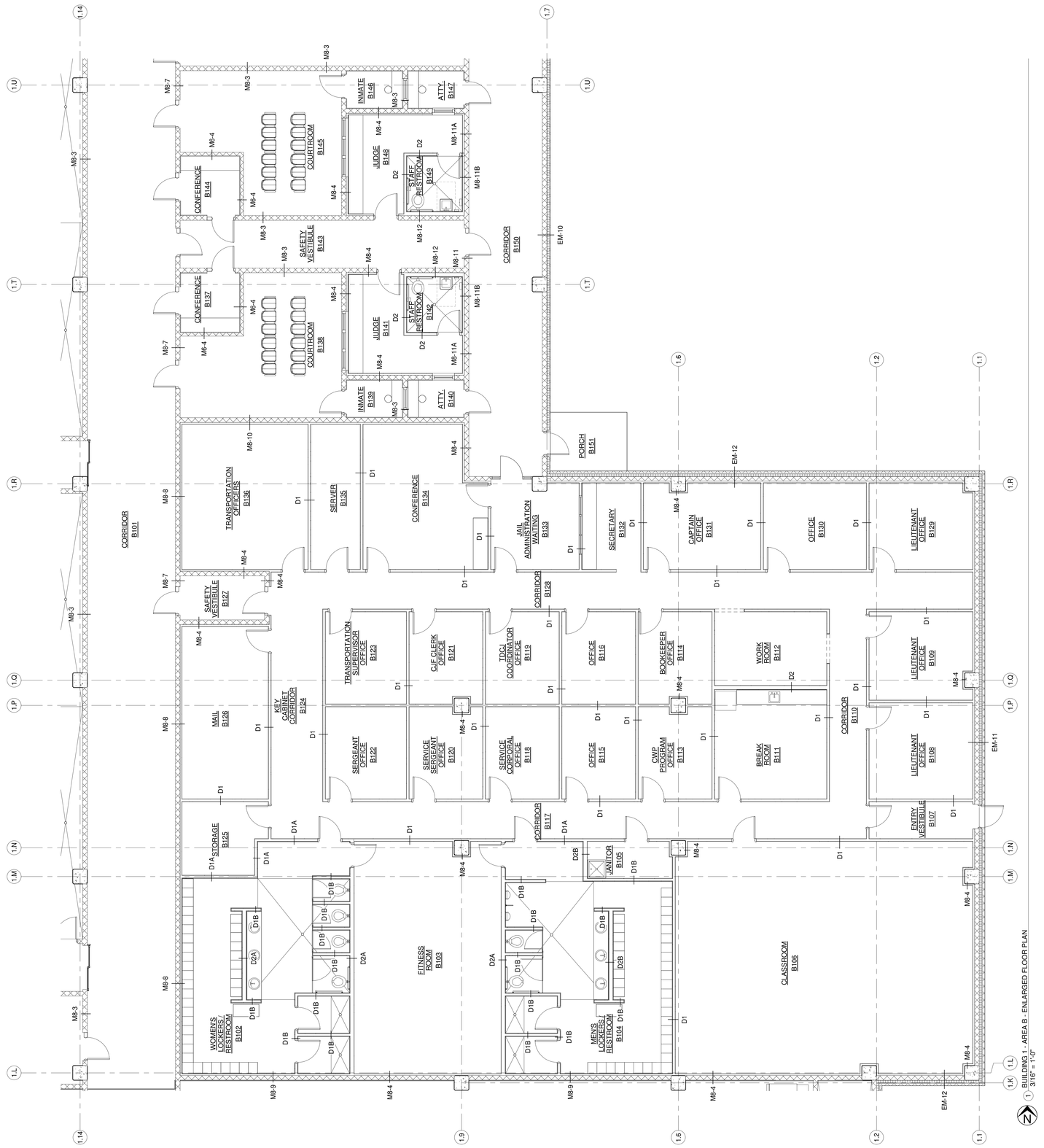
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N P
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F G H J
A B C D E
AREA MAP

Project Number	MCJ-22
Date	12/28/22
Scale	As indicated

BUILDING 1 - AREA A - DETENTION WALL & CMU REINFORCEMENT

A1.A.2



1 BUILDING 1 - AREA B - ENLARGED FLOOR PLAN
3/16" = 1'-0"

A1.B.1	Project Number	MCJ-22
BUILDING 1 - AREA B - ENLARGED FLOOR PLAN	Date	12/28/22
	Scale	3/16" = 1'-0"

AREA MAP

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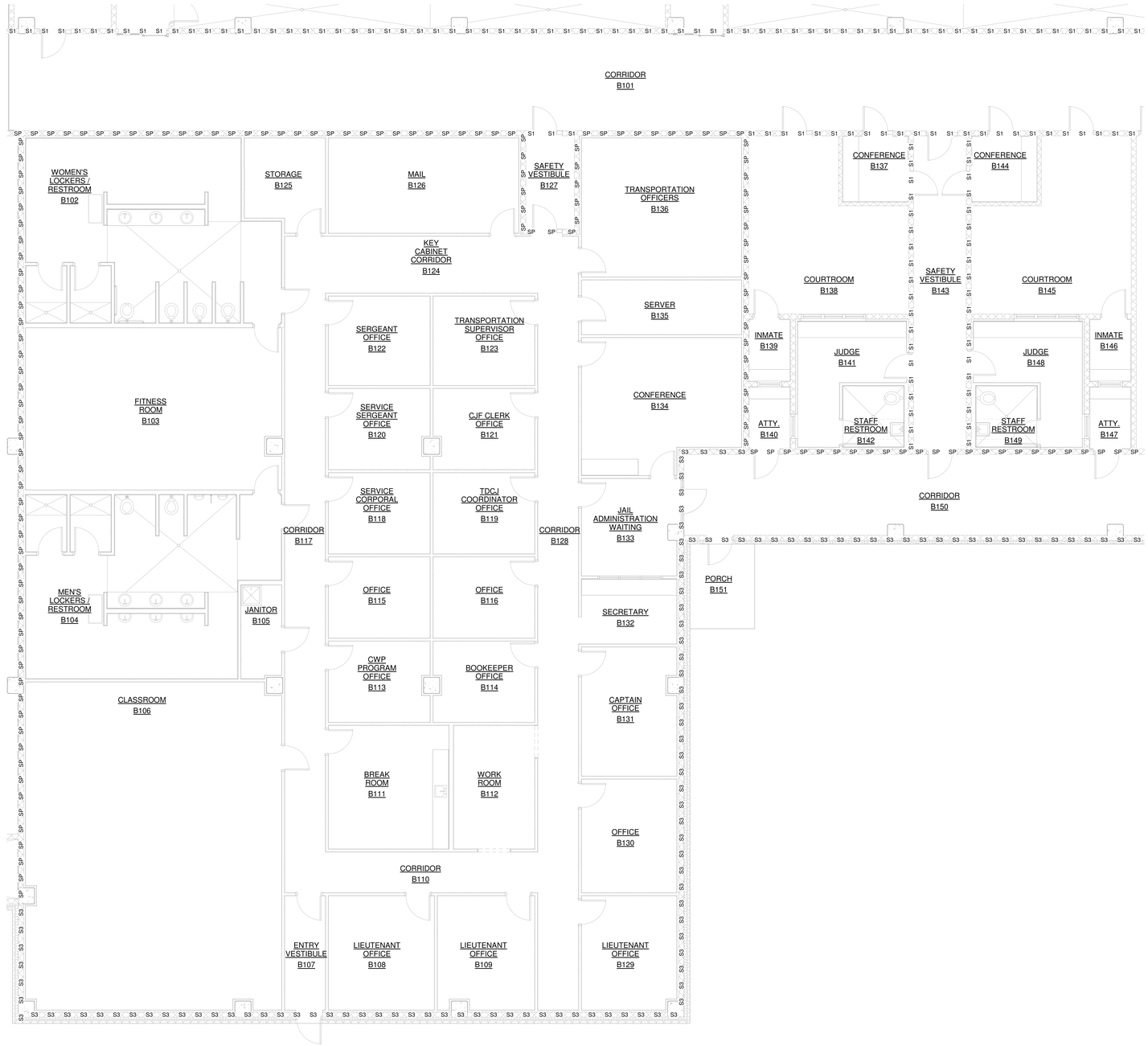
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SECURE WALL TYPE LEGEND:		
MARK	**WALL TYPE**	**REINFORCEMENT**
SP	SECURE PERIMETER, CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C.
S1	SECURE, CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C.
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NON MARKED	NON-SECURE, CMU	#3 @32" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 32" O.C. CELLS GROUTED SOLID @ 32" O.C.

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1 BUILDING 1 - AREA B - DETENTION WALL & CMU REINFORCEMENT
3/16" = 1'-0"

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AREA MAP

		N	P	
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F	G	H	J	
A	B	C	D	E

Project Number	MCJ-22
Date	12/28/22
Scale	As indicated

BUILDING 1 - AREA B - DETENTION WALL & CMU REINFORCEMENT

A1.B.2

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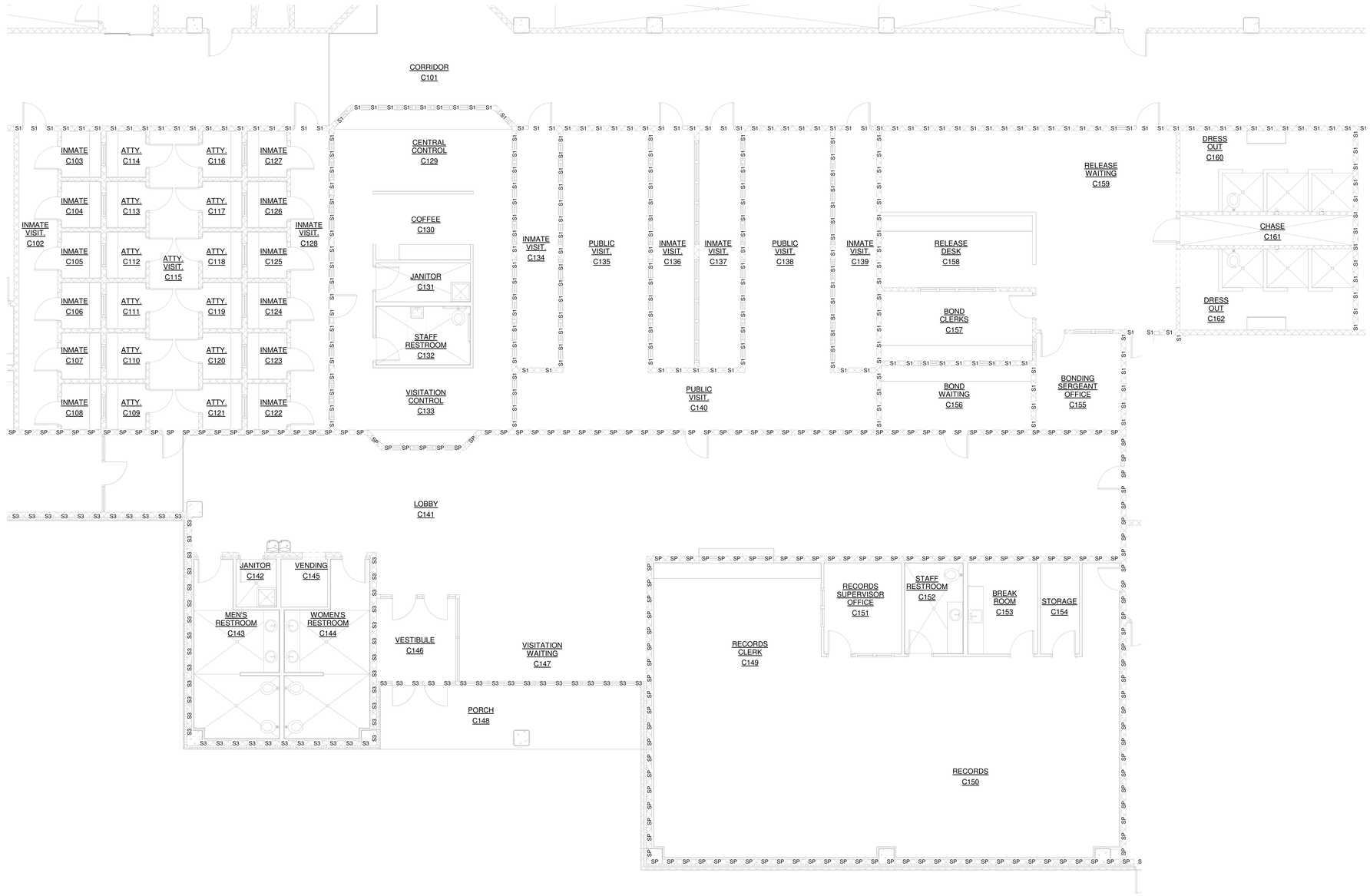
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AREA MAP

SECURE WALL TYPE LEGEND:		
MARK	**WALL TYPE**	**REINFORCEMENT**
SP	SECURE PERIMETER, CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C.
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1 BUILDING 1 - AREA C - DETENTION WALL & CMU REINFORCEMENT
3/16" = 1'-0"

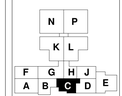
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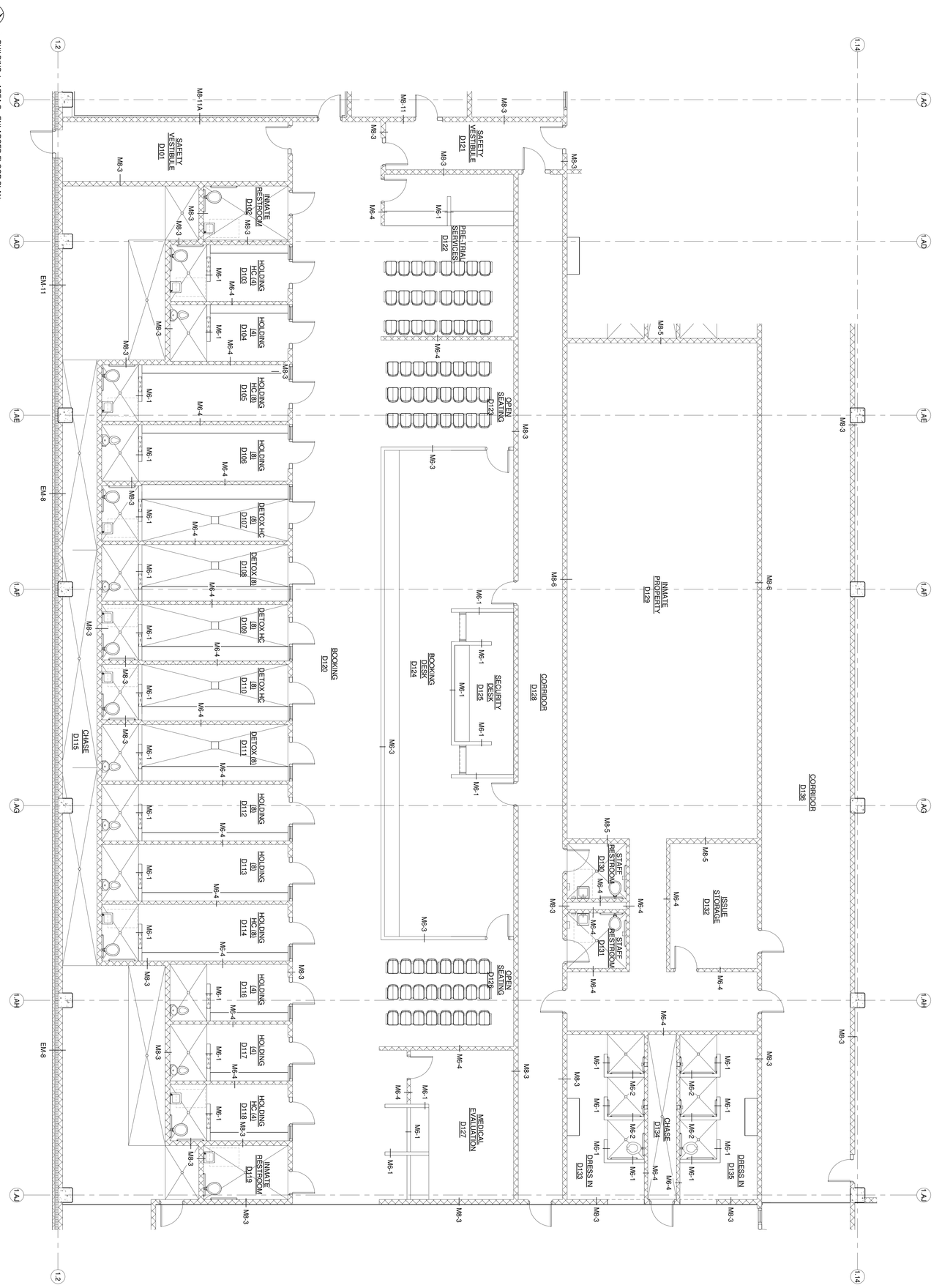


AREA MAP

Project Number	MCJ-22
Date	12/28/22
Scale	As indicated

BUILDING 1 - AREA C - DETENTION WALL & CMU REINFORCEMENT

A1.C.2



Project Number	MCJ-22	
Date	12/28/22	
Scale	3/16" = 1'-0"	

A1.D.1

BUILDING 1 - AREA D - ENLARGED FLOOR PLAN

AREA MAP

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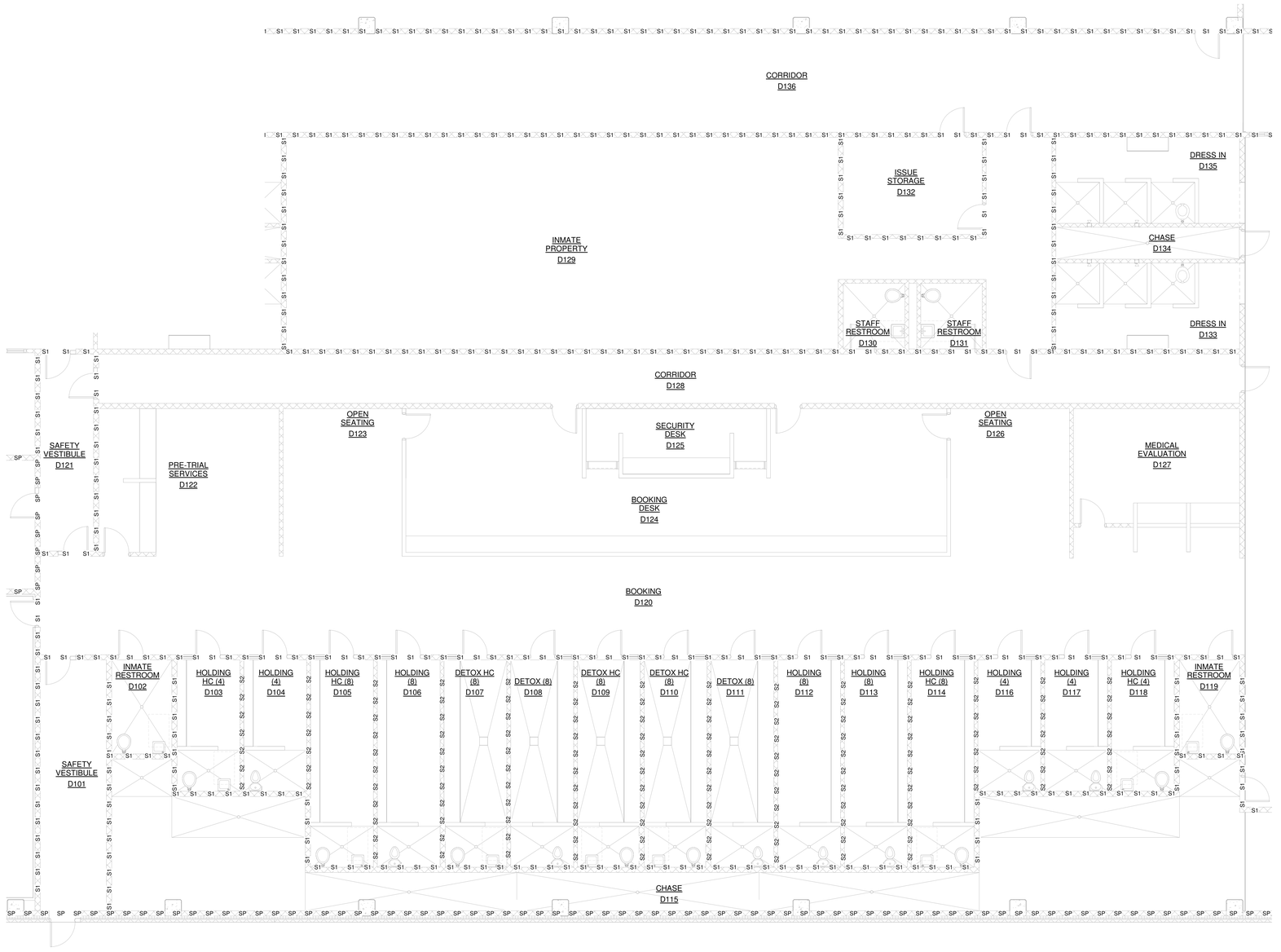
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SECURE WALL TYPE LEGEND:		
MARK	**WALL TYPE**	**REINFORCEMENT**
SP	SECURE PERIMETER, CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C.
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1 BUILDING 1 - AREA D - DETENTION WALL & CMU REINFORCEMENT
3/16" = 1'-0"

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AREA MAP

Project Number	MCJ-22
Date	12/28/22
Scale	As indicated

BUILDING 1 - AREA D - DETENTION WALL & CMU REINFORCEMENT

A1.D.2

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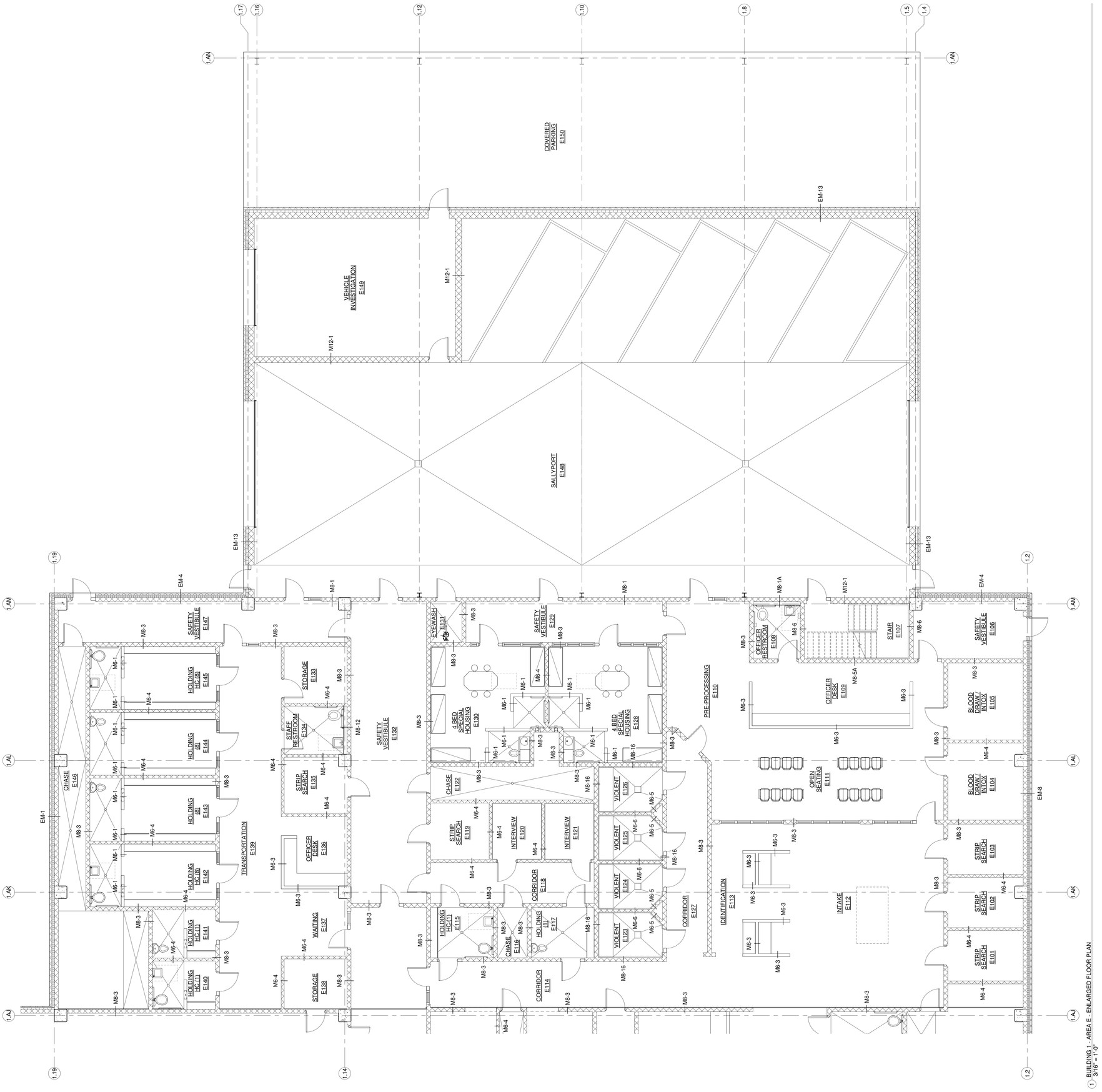
AREA MAP

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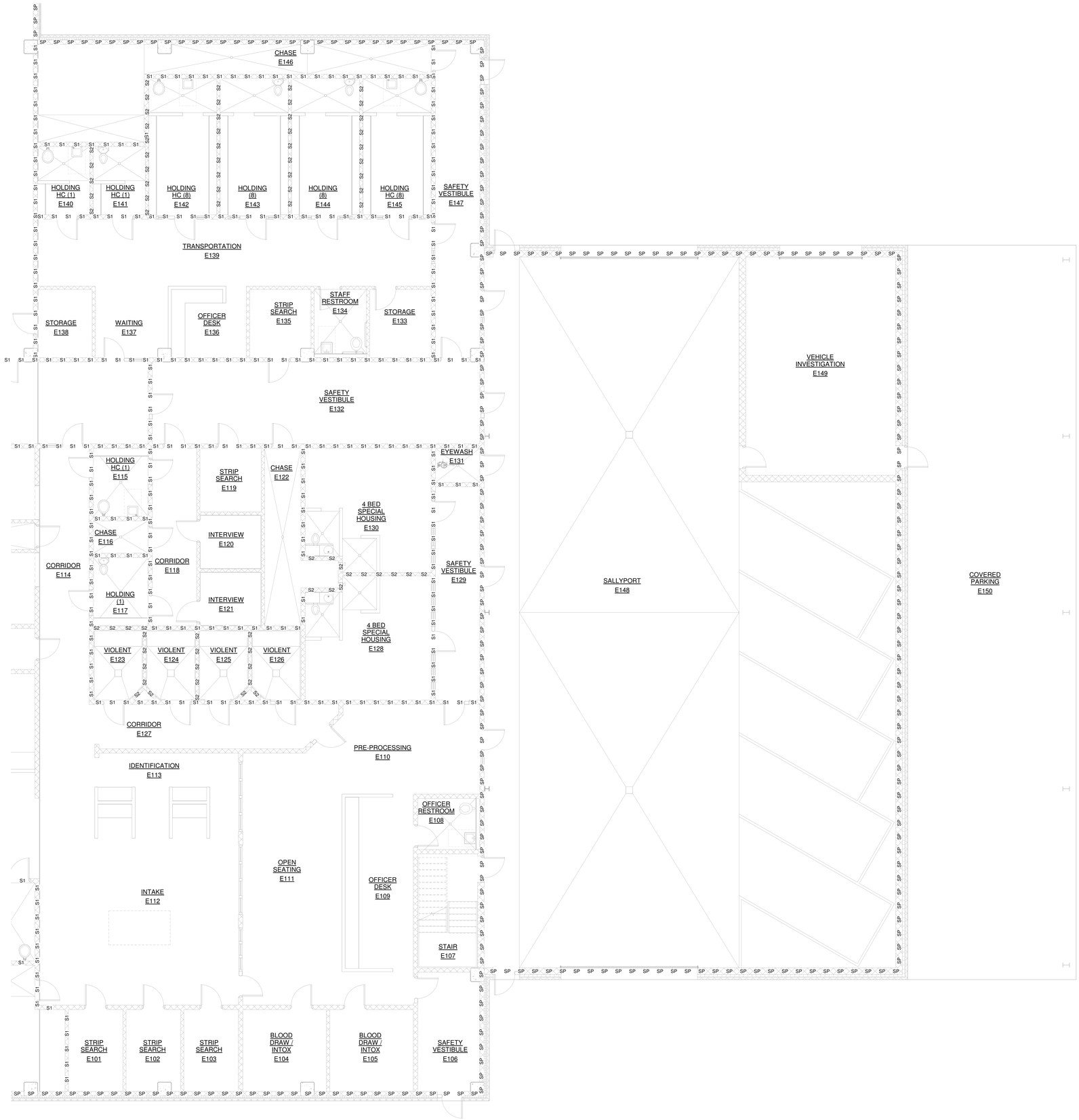
BUILDING 1 - AREA E -
ENLARGED FLOOR PLAN

Project Number	MCJ-22
Date	12/28/22
Scale	3/16" = 1'-0"

A1.E.1



1 BUILDING 1 - AREA E - ENLARGED FLOOR PLAN
3/16" = 1'-0"



1 BUILDING 1 - AREA E - DETENTION WALL & CMU REINFORCEMENT
3/16" = 1'-0"

SECURE WALL TYPE LEGEND:		
MARK	**WALL TYPE**	**REINFORCEMENT**
SP	SECURE PERIMETER, CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C.
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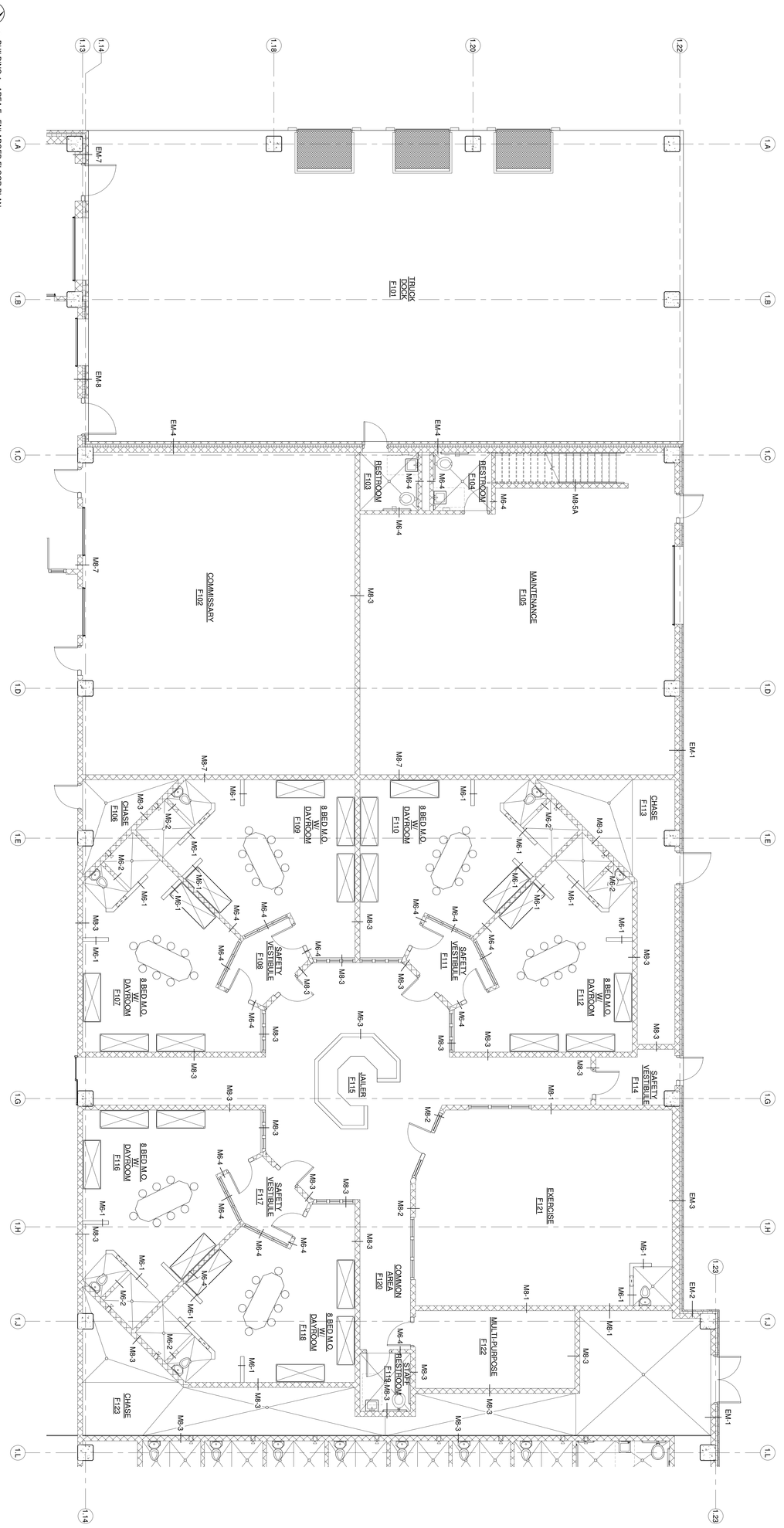
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N P
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A B C D E
AREA MAP

Project Number	MCJ-22
Date	12/28/22
Scale	As indicated

BUILDING 1 - AREA E - DETENTION WALL & CMU REINFORCEMENT

A1.E.2



1 BUILDING 1 - AREA F - ENLARGED FLOOR PLAN
3/16" = 1'-0"

Project Number	MCJ-22
Date	12/28/22
Scale	3/16" = 1'-0"

BUILDING 1 - AREA F - ENLARGED FLOOR PLAN

A1.F.1

AREA MAP

NOTE: DO NOT SCALE DRAWING
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No.	Revision	Date
4	ASI 14	8/17/21

MIDLAND COUNTY
NEW JAIL
E COUNTY RD 110 & S COUNTY RD 1140
MIDLAND, TEXAS

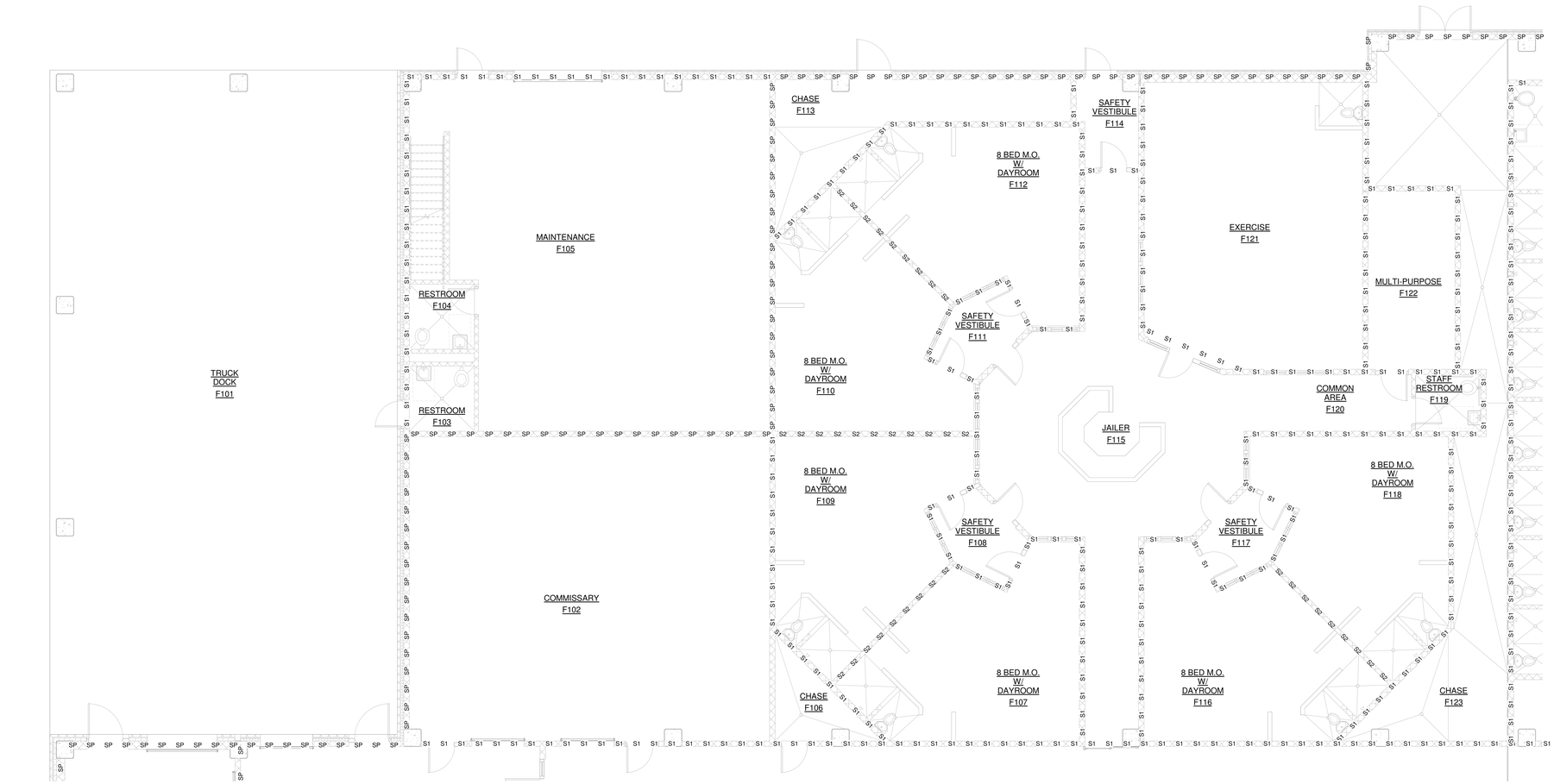
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SECURE WALL TYPE LEGEND:		
MARK	**WALL TYPE**	**REINFORCEMENT**
SP	SECURE PERIMETER, CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C.
S1	SECURE, CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C.
S2	SECURE, CMU	#3 @16" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C. ALL CELLS (REINFORCED AND NON-REINFORCED) GROUTED SOLID.
S3	SECURE, CMU	#3 @16" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C. ONLY REINFORCED CELLS GROUTED SOLID.
NON MARKED	NON-SECURE, CMU	#3 @32" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 32" O.C. CELLS GROUTED SOLID @ 32" O.C.

SECURE WALL NOTES:	
1	REINFORCEMENT NOTED HERE INCLUDES ALL VERTICAL REINFORCING REQUIRED FOR STRUCTURAL AND SECURITY REQUIREMENTS UNLESS NOTED OTHERWISE IN THE DESIGN DOCUMENTS.
2	PROVIDE HORIZONTAL JOINT REINFORCEMENT @ 16" O.C. UNLESS NOTED OTHERWISE IN THE DESIGN DOCUMENTS.
3	REFER TO ARCHITECTURAL AND STRUCTURAL SECTIONS AND DETAILS FOR REQUIRED CMU BOND BEAMS AND REINFORCEMENT.
4	SECURE DRYWALL COMPOSITION : 24 GA. SHEET METAL SANDWICHED BETWEEN TWO LAYERS 5/8" GYPSUM BOARD ON ONE SIDE, AND 2 LAYERS 5/8" GYPSUM BOARD ON OPPOSITE SIDE OF 6" METAL STUD WALL FRAMING (600 S137-33) @ 16" O.C. REFER TO WALL SECTIONS FOR IDENTIFICATION OF SECURE SIDE OF APPLICATION.
5	TOPS OF MODESTY WALLS, OTHER NON-FULL HEIGHT CMU WALLS AND WINDOW SILLS AT 8" CMU WALLS SHALL RECEIVE AN INVERTED BOND BEAM REINFORCED WITH 1 - #5 HORIZ. AND #3 DOWELS VERTICALLY @ 16" O.C. MATCHING VERTICAL WALL REINFORCEMENT, GROUTED SOLID THEN SET AND ANCHORED TO CMU WALL.



1 BUILDING 1 - AREA F - DETENTION WALL & CMU REINFORCEMENT
3/16" = 1'-0"

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No.	Revision	Date

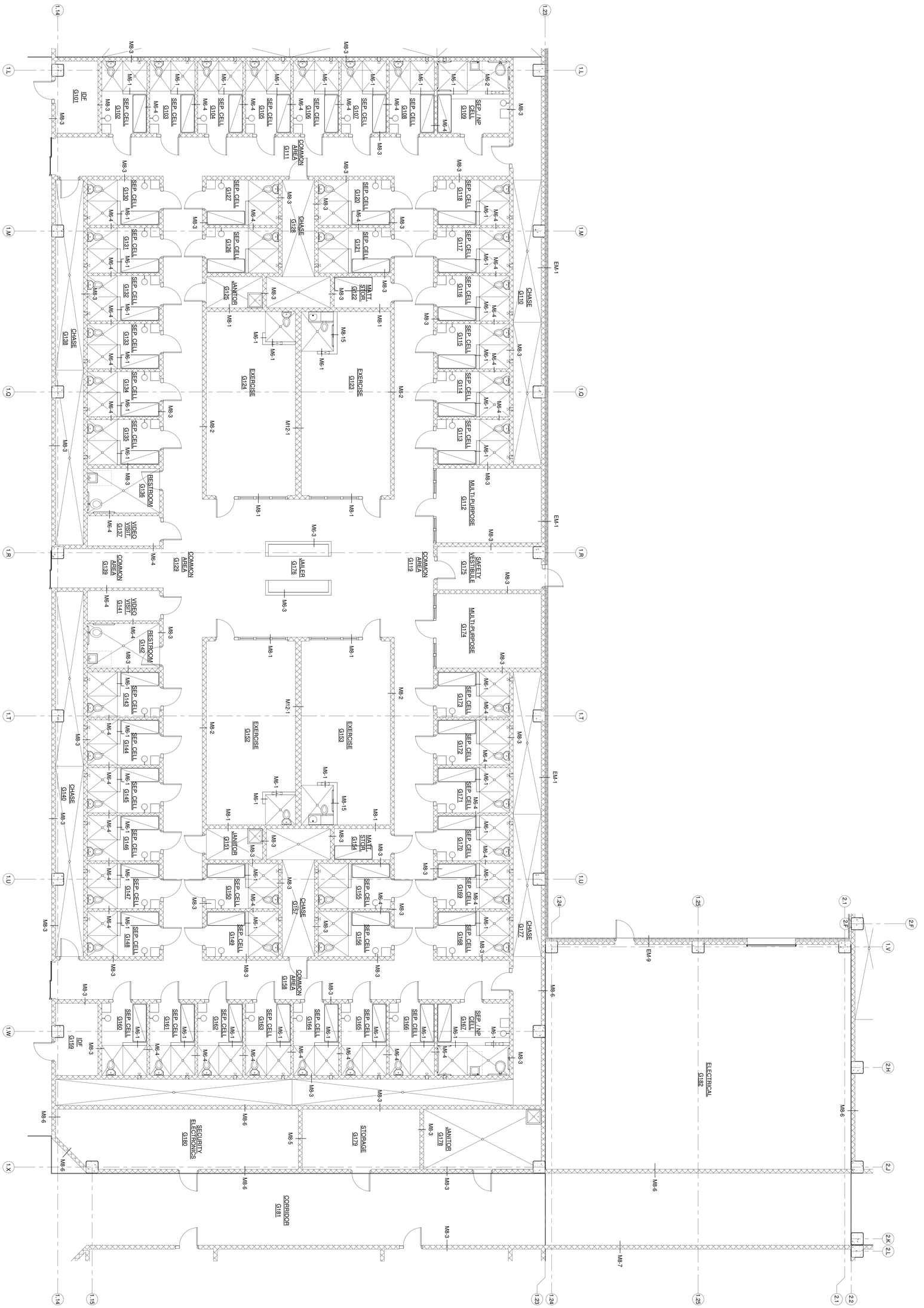
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N P
K L
F G H J
A B C D E
AREA MAP

Project Number	MCJ-22
Date	12/28/22
Scale	As indicated

BUILDING 1 - AREA F - DETENTION WALL & CMU REINFORCEMENT

A1.F.2



1 BUILDING 1 - AREA G - ENLARGED FLOOR PLAN
3/16" = 1'-0"

A1.G.1

Project Number	MCJ-22
Date	12/28/22
Scale	3/16" = 1'-0"

BUILDING 1 - AREA G - ENLARGED FLOOR PLAN

AREA MAP

NOTE: DO NOT SCALE DRAWING
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No.	Revision	Date

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MIDLAND, TEXAS

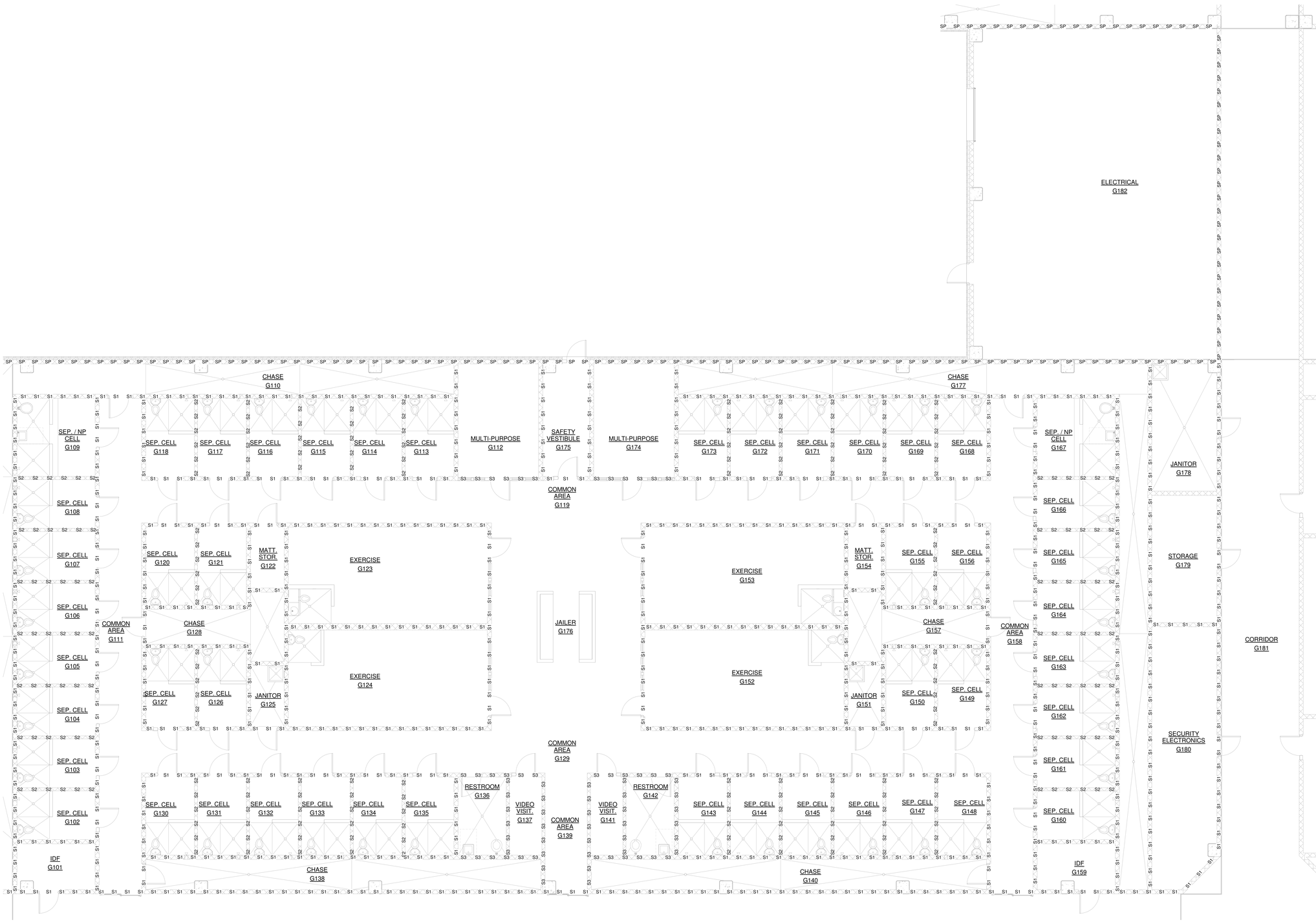
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SECURE WALL TYPE LEGEND:		
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SP	SECURE PERIMETER, CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C.
S1	SECURE, CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C.
S2	SECURE, CMU	#3 @16" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C. ALL CELLS (REINFORCED AND NON-REINFORCED) GROUTED SOLID.
S3	SECURE, CMU	#3 @16" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C. ONLY REINFORCED CELLS GROUTED SOLID.
NON MARKED	NON-SECURE, CMU	#3 @32" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 32" O.C. CELLS GROUTED SOLID @ 32" O.C.

SECURE WALL NOTES:	
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1 BUILDING 1 - AREA G - DETENTION WALL & CMU REINFORCEMENT
3/16" = 1'-0"

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No.	Revision	Date

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AREA MAP

		N	P	
		K	L	
F	G	H	J	
A	B	C	D	E

Project Number	MCJ-22
Date	12/28/22
Scale	As indicated

BUILDING 1 - AREA G - DETENTION WALL & CMU REINFORCEMENT

A1.G.2

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No.	Revision	Date

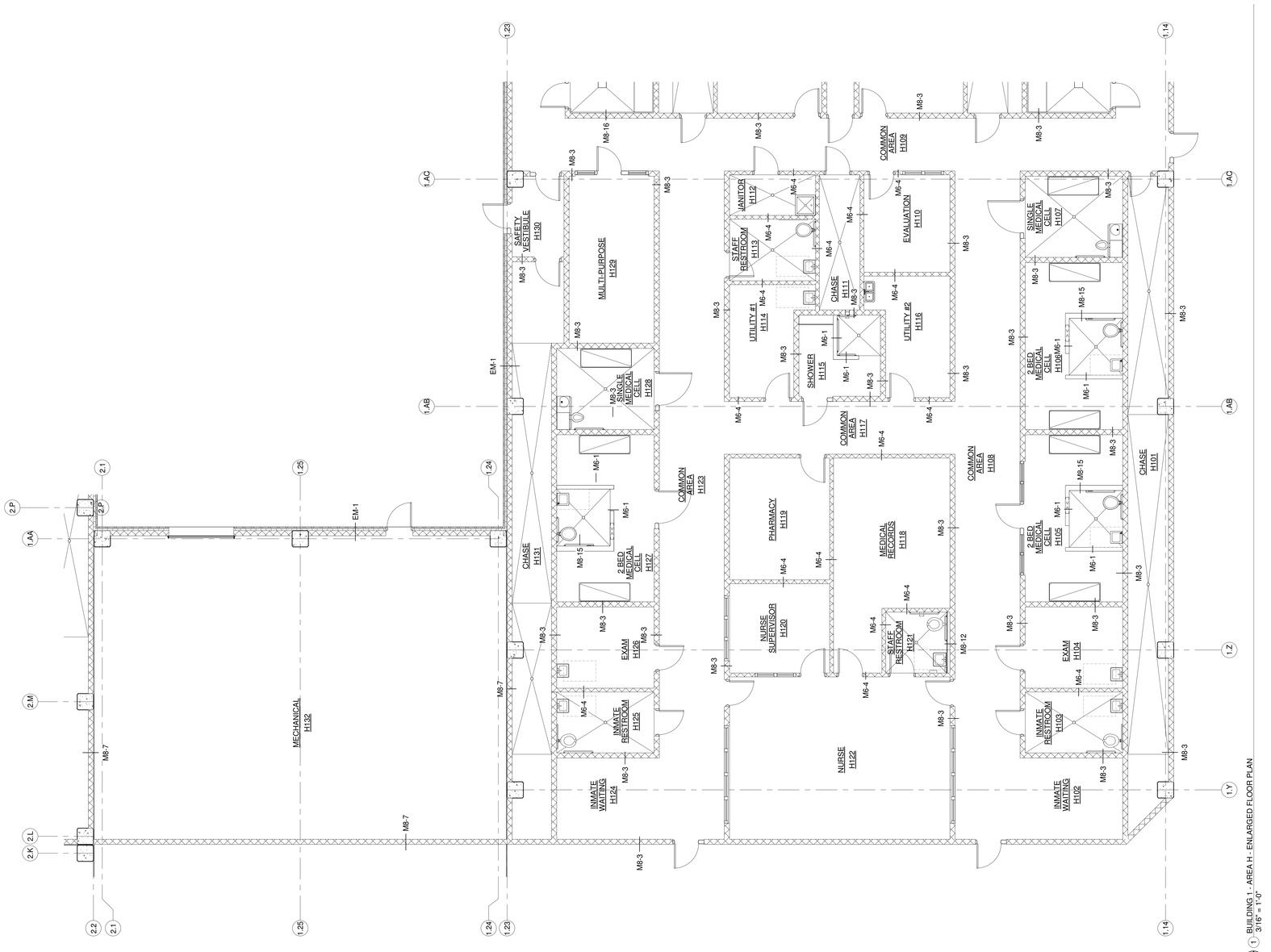
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TO SHORTLISTED
PHASE PACKAGE ISSUED
CONSTRUCTION MANAGEMENT
FIRMS
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APPROVAL, CONSTRUCTION, OR
PERMITTING

AREA MAP

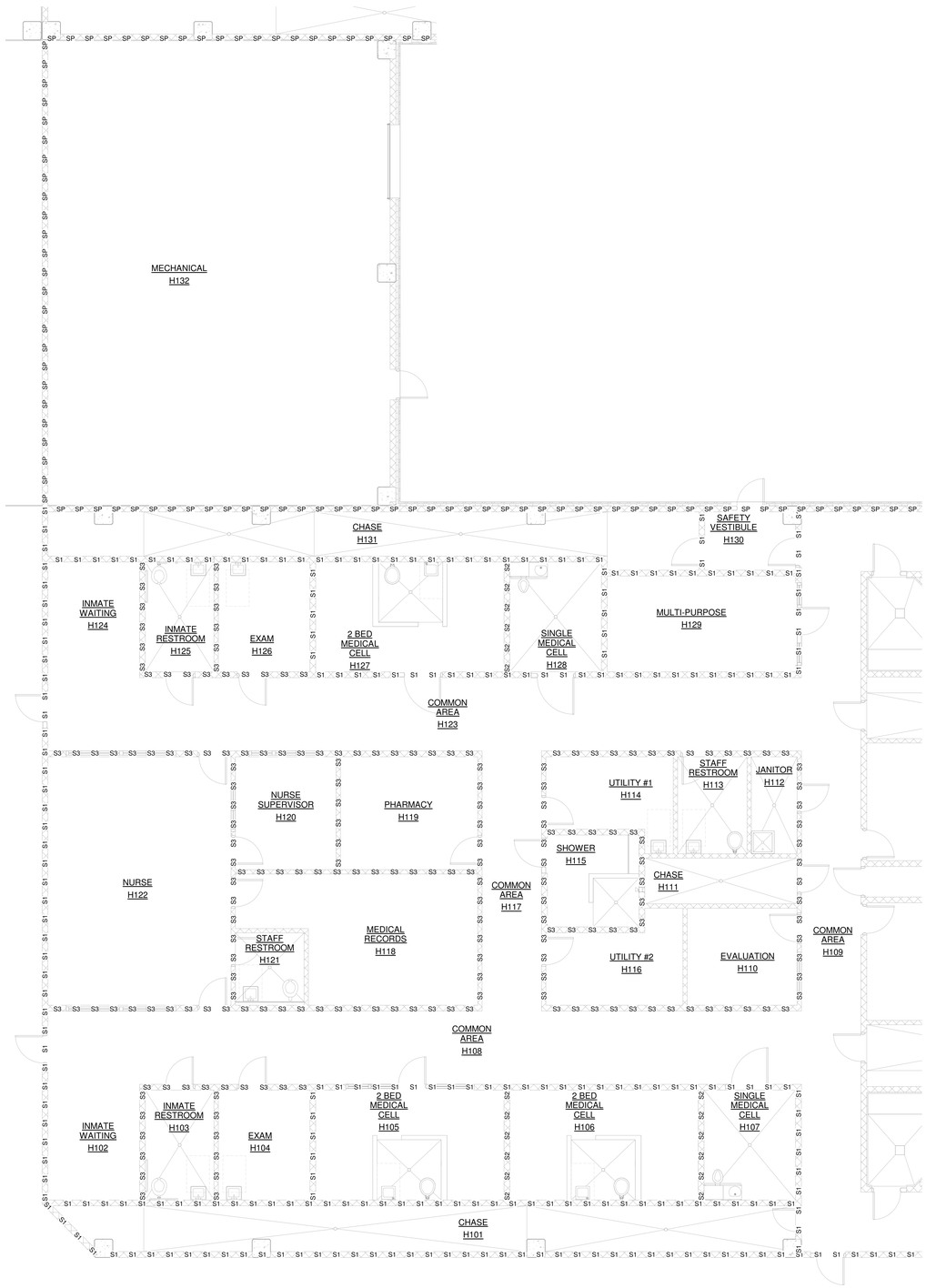
Project Number	MCJ-22
Date	12/28/22
Scale	3/16" = 1'-0"

BUILDING 1 - AREA H -
ENLARGED FLOOR PLAN

A1.H.1



1 BUILDING 1 - AREA H - ENLARGED FLOOR PLAN
3/16" = 1'-0"



1 BUILDING 1 - AREA H - DETENTION WALL & CMU REINFORCEMENT
3/16" = 1'-0"

SECURE WALL TYPE LEGEND:		
MARK	WALL TYPE	REINFORCEMENT
SP	SECURE PERIMETER, CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C.
S1	SECURE, CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C.
S2	SECURE, CMU	#3 @16" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C. ALL CELLS (REINFORCED AND NON-REINFORCED) GROUTED SOLID.
S3	SECURE, CMU	#3 @16" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C. ONLY REINFORCED CELLS GROUTED SOLID.
NON MARKED	NON-SECURE, CMU	#3 @32" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 32" O.C. CELLS GROUTED SOLID @ 32" O.C.

SECURE WALL NOTES:	
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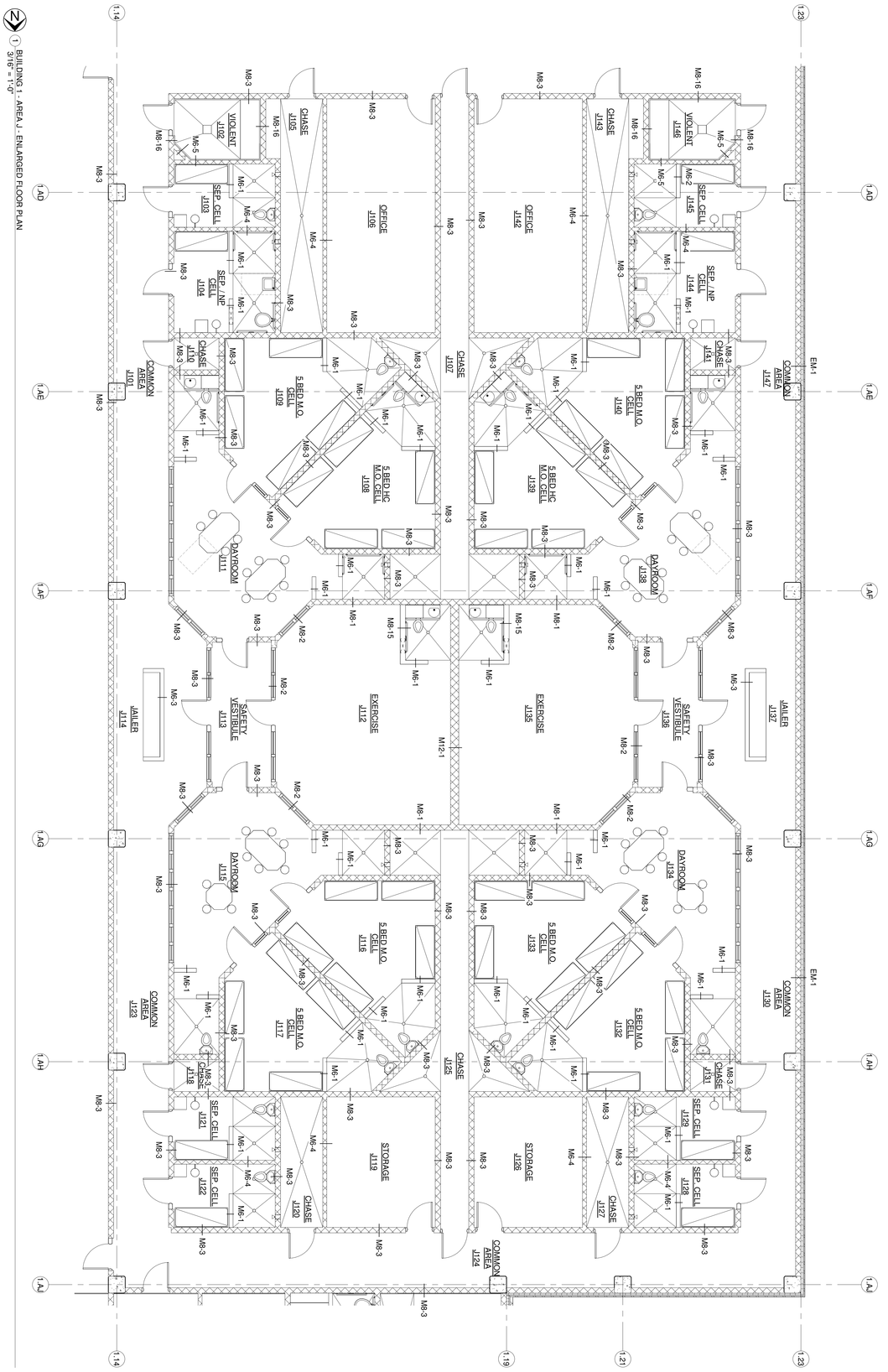
AREA MAP

		N	P	
		K	L	
F	G	H	J	
A	B	C	D	E

Project Number	MCJ-22
Date	12/28/22
Scale	As indicated

BUILDING 1 - AREA H - DETENTION WALL & CMU REINFORCEMENT

A1.H.2



1 BUILDING 1 - AREA J - ENLARGED FLOOR PLAN
3/16" = 1'-0"

Project Number	MCJ-22
Date	12/28/22
Scale	3/16" = 1'-0"

A1.J.1

BUILDING 1 - AREA J - ENLARGED FLOOR PLAN

AREA MAP

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No.	Revision	Date

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SECURE WALL TYPE LEGEND:		
MARK	**WALL TYPE**	**REINFORCEMENT**
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S1	SECURE, CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C.
S2	SECURE, CMU	#3 @16" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C. ALL CELLS (REINFORCED AND NON-REINFORCED) GROUTED SOLID.
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NON MARKED	NON-SECURE, CMU	#3 @32" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 32" O.C. CELLS GROUTED SOLID @ 32" O.C.

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1 BUILDING 1 - AREA J - DETENTION WALL & CMU REINFORCEMENT
3/16" = 1'-0"

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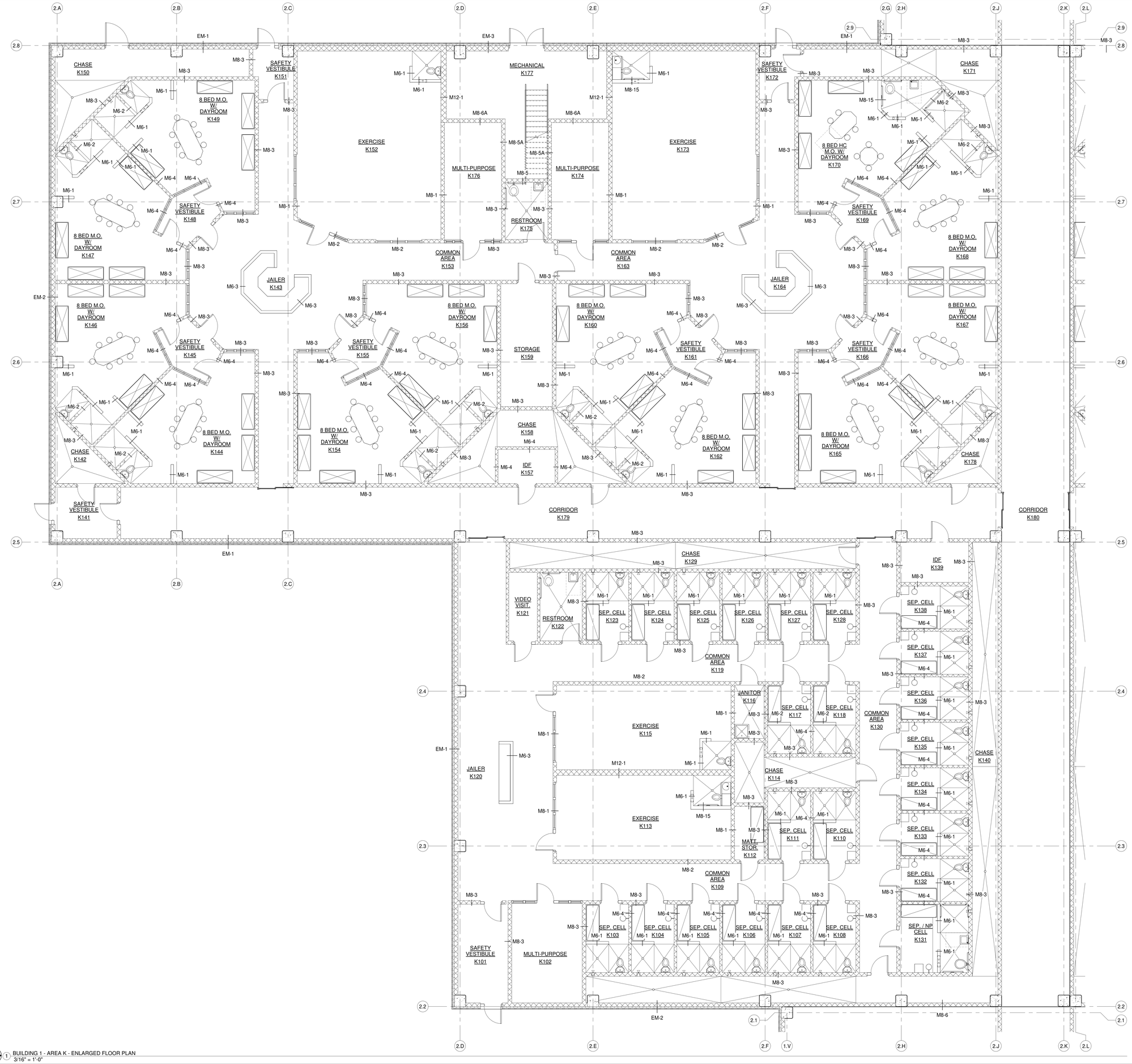
No.	Revision	Date

N P
K L
F G H J
A B C D E
AREA MAP

Project Number	MC-22
Date	12/28/22
Scale	As indicated

BUILDING 1 - AREA J - DETENTION WALL & CMU REINFORCEMENT

A1.J.2



1 BUILDING 1 - AREA K - ENLARGED FLOOR PLAN
3/16" = 1'-0"

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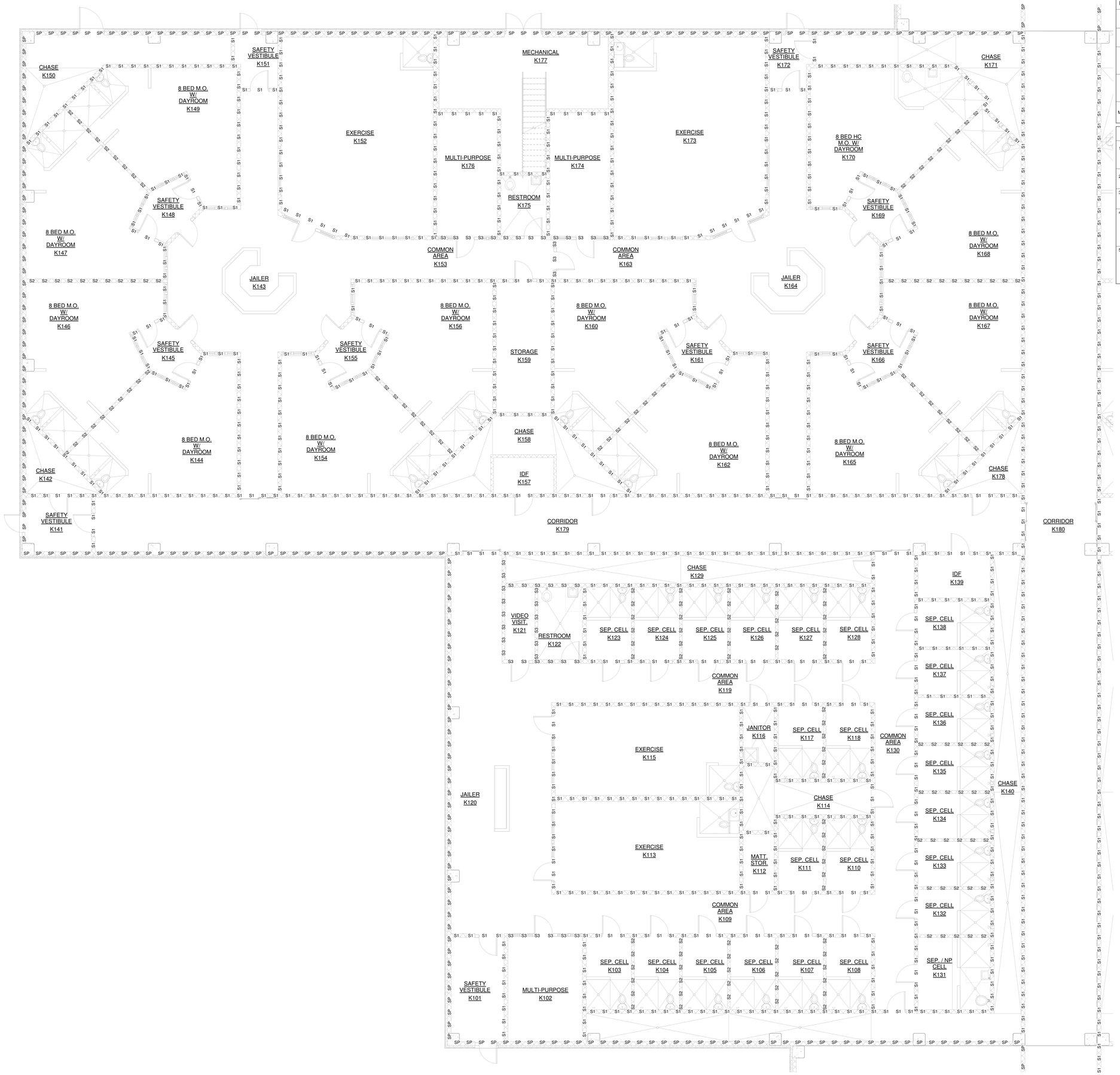
AREA MAP

			N	P				
			K	L				
F	G	H	J					
A	B	C	D	E				

Project Number	MCJ-22
Date	12/28/22
Scale	3/16" = 1'-0"

BUILDING 2 - AREA K - ENLARGED FLOOR PLAN

A1.K.1



1 BUILDING 1 - AREA K - DETENTION WALL & CMU REINFORCEMENT
3/16" = 1'-0"

SECURE WALL TYPE LEGEND:		
MARK	WALL TYPE	REINFORCEMENT
SP	SECURE PERIMETER, CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C.
S1	SECURE, CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C.
S2	SECURE, CMU	#3 @16" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C. ALL CELLS (REINFORCED AND NON-REINFORCED) GROUTED SOLID.
S3	SECURE, CMU	#3 @16" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C. ONLY REINFORCED CELLS GROUTED SOLID.
NON MARKED	NON-SECURE, CMU	#3 @32" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 32" O.C. CELLS GROUTED SOLID @ 32" O.C.

SECURE WALL NOTES:

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AREA MAP

	N	P				
	K	L				
F	G	H	J			
A	B	C	D	E		

Project Number	MCJ-22
Date	12/28/22
Scale	As indicated

BUILDING 2 - AREA K - DETENTION WALL & CMU REINFORCEMENT

A1.K.2

NOTE: DO NOT SCALE DRAWING
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TO SHORTLISTED
CONSTRUCTION MANAGEMENT
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PERMITTING

AREA MAP

No.	Revision	Date

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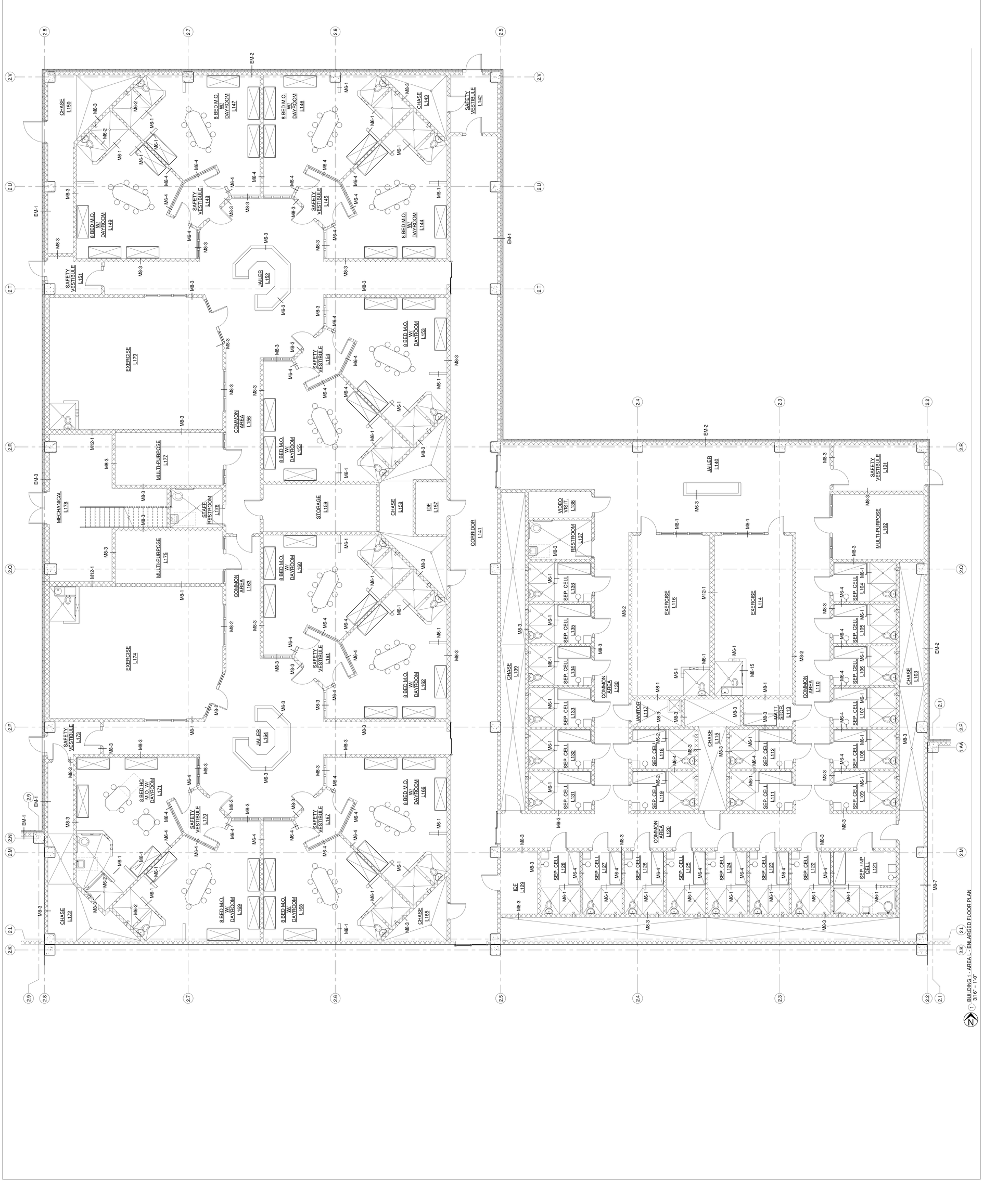
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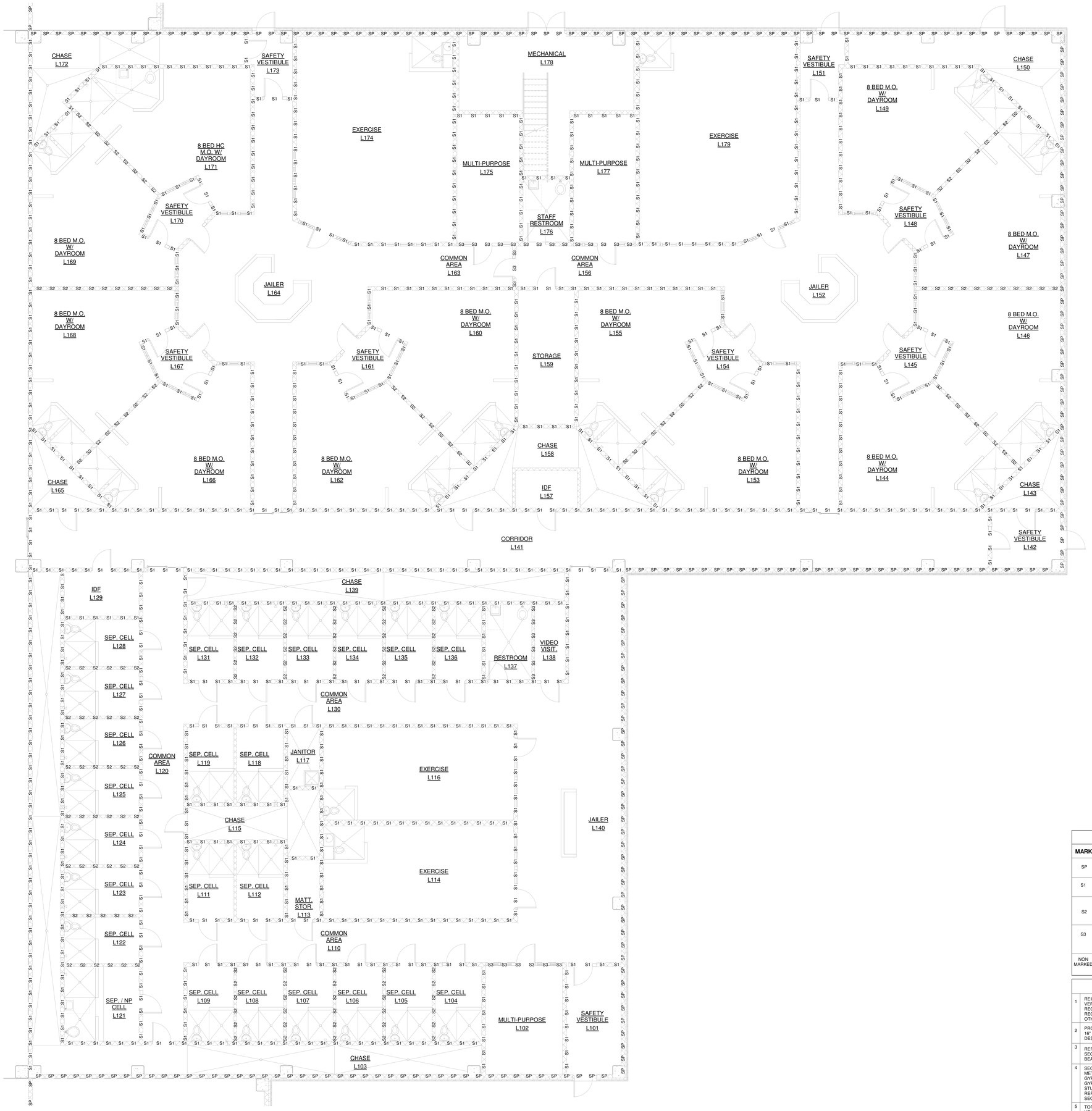
BUILDING 2 - AREA L -
ENLARGED FLOOR PLAN

Project Number	MCJ-22
Date	12/28/22
Scale	3/16" = 1'-0"

A1.L.1



1 BUILDING 1 - AREA L - ENLARGED FLOOR PLAN
3/16" = 1'-0"



1 BUILDING 2 - AREA L - DETENTION WALL & CMU REINFORCEMENT
3/16" = 1'-0"

SECURE WALL TYPE LEGEND:		
MARK	**WALL TYPE**	**REINFORCEMENT**
SP	SECURE PERIMETER, CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C.
S1	SECURE, CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C.
S2	SECURE, CMU	#3 @16" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C. ALL CELLS (REINFORCED AND NON-REINFORCED) GROUTED SOLID.
S3	SECURE, CMU	#3 @16" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C. ONLY REINFORCED CELLS GROUTED SOLID.
NON MARKED	NON-SECURE, CMU	#3 @32" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 32" O.C. CELLS GROUTED SOLID @ 32" O.C.

SECURE WALL NOTES:	
1	REINFORCEMENT NOTED HERE INCLUDES ALL VERTICAL REINFORCING REQUIRED FOR STRUCTURAL AND SECURITY REQUIREMENTS UNLESS NOTED OTHERWISE IN THE DESIGN DOCUMENTS.
2	PROVIDE HORIZONTAL JOINT REINFORCEMENT @ 16" O.C. UNLESS NOTED OTHERWISE IN THE DESIGN DOCUMENTS.
3	REFER TO ARCHITECTURAL AND STRUCTURAL SECTIONS AND DETAILS FOR REQUIRED CMU BOND BEAMS AND REINFORCEMENT.
4	SECURE DRYWALL COMPOSITION : 24 GA. SHEET METAL SANDWICHED BETWEEN TWO LAYERS 5/8" GYPSUM BOARD ON ONE SIDE, AND 2 LAYERS 5/8" GYPSUM BOARD ON OPPOSITE SIDE OF 6" METAL STUD WALL FRAMING (600 S137-33) @ 16" O.C. REFER TO WALL SECTIONS FOR IDENTIFICATION OF SECURE SIDE OF APPLICATION.
5	TOPS OF MODESTY WALLS, OTHER NON-FULL HEIGHT CMU WALLS AND WINDOW SILLS AT 8" CMU WALLS SHALL RECEIVE AN INVERTED BOND BEAM REINFORCED WITH 1 - #5 HORIZ. AND #3 DOWELS VERTICALLY @ 16" O.C. MATCHING VERTICAL WALL REINFORCEMENT, GROUTED SOLID THEN SET AND ANCHORED TO CMU WALL.

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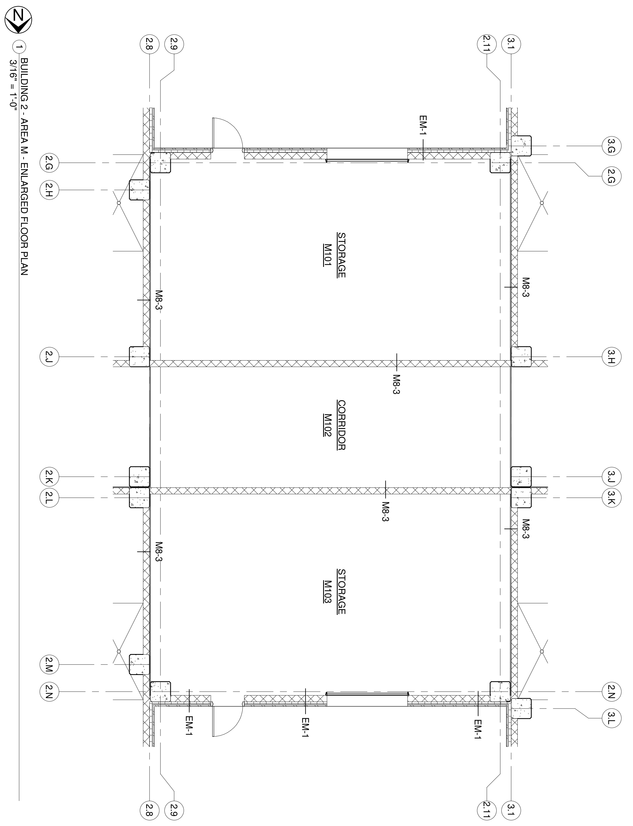
AREA MAP

		N	P			
		K	L			
F	G	H	J			
A	B	C	D	E		

Project Number	MCJ-22
Date	12/28/22
Scale	As indicated

BUILDING 2 - AREA L - DETENTION WALL & CMU REINFORCEMENT

A1.L.2



1 BUILDING 2 - AREA M - ENLARGED FLOOR PLAN
3/16" = 1'-0"

Project Number	MCJ-22
Date	12/28/22
Scale	3/16" = 1'-0"
BUILDING 2 - AREA M - ENLARGED FLOOR PLAN	

A1.M.1

AREA MAP

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SECURE WALL TYPE LEGEND:		
MARK	**WALL TYPE**	**REINFORCEMENT**
SP	SECURE PERIMETER, CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C.
S1	SECURE, CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C.
S2	SECURE, CMU	#3 @16" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C. ALL CELLS (REINFORCED AND NON-REINFORCED) GROUTED SOLID.
S3	SECURE, CMU	#3 @16" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C. ONLY REINFORCED CELLS GROUTED SOLID.
NON MARKED	NON-SECURE, CMU	#3 @32" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 32" O.C. CELLS GROUTED SOLID @ 32" O.C.

SECURE WALL NOTES:	
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5	TOPS OF MODESTY WALLS, OTHER NON-FULL HEIGHT CMU WALLS AND WINDOW SILLS AT 8" CMU WALLS SHALL RECEIVE AN INVERTED BOND BEAM REINFORCED WITH 1 - #5 HORIZ. AND #3 DOWELS VERTICALLY @ 16" O.C. MATCHING VERTICAL WALL REINFORCEMENT, GROUTED SOLID THEN SET AND ANCHORED TO CMU WALL.

1 BUILDING 2 - AREA M - DETENTION WALL & CMU REINFORCEMENT
3/16" = 1'-0"

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AREA MAP

Project Number	MCJ-22
Date	12/28/22
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BUILDING 2 - AREA M - DETENTION WALL & CMU REINFORCEMENT

A1.M.2

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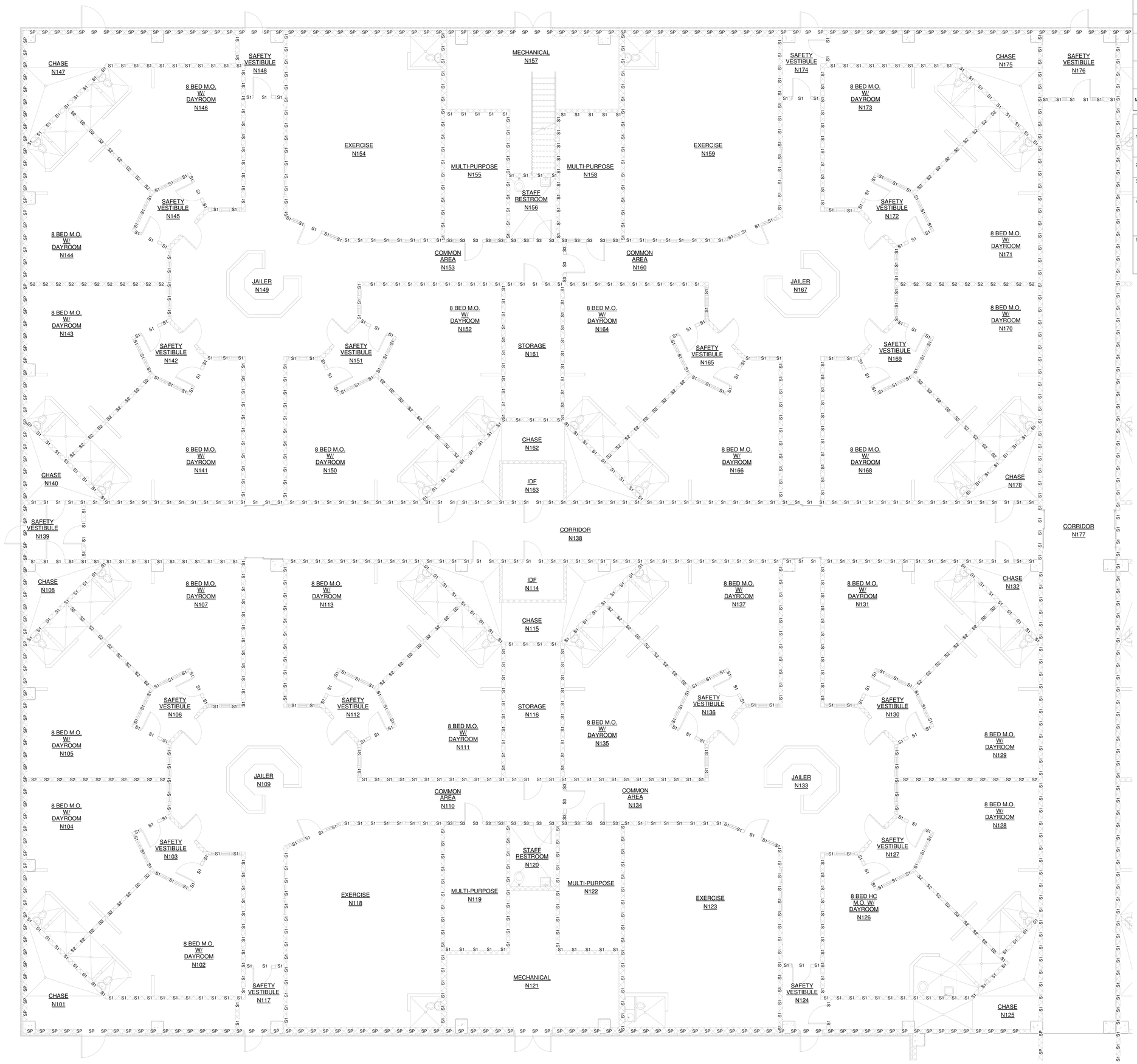
AREA MAP

Project Number	MCJ-22
Date	12/28/22
Scale	3/16" = 1'-0"

BUILDING 3 - AREA N -
ENLARGED FLOOR PLAN

A1.N.1

1 BUILDING 3 - AREA N - ENLARGED FLOOR PLAN
3/16" = 1'-0"



1 BUILDING 3 - AREA N - DETENTION WALL & CMU REINFORCEMENT
3/16" = 1'-0"

SECURE WALL TYPE LEGEND:

MARK	WALL TYPE	REINFORCEMENT
SP	SECURE PERIMETER, CMU	#3 @8" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 16" O.C.
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NON MARKED	NON-SECURE, CMU	#3 @32" O.C. IN FULLY GROUTED CELLS W/ #3 X 1'-6" DOWELS INTO SLAB @ 32" O.C. CELLS GROUTED SOLID @ 32" O.C.

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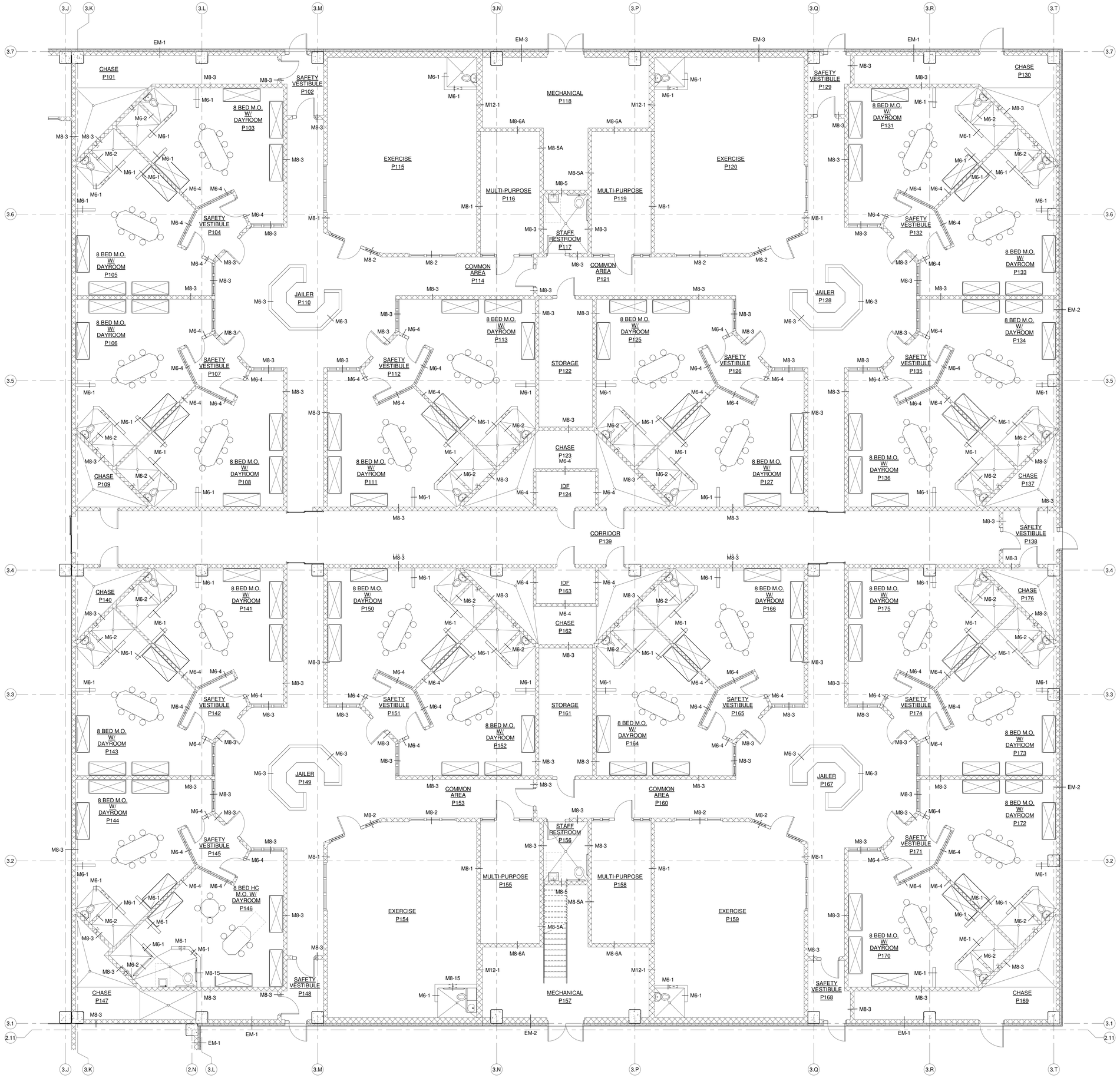
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N P
K L
F G H J
A B C D E
AREA MAP

Project Number	MCJ-22
Date	12/29/22
Scale	As indicated

BUILDING 3 - AREA N - DETENTION WALL & CMU REINFORCEMENT

A1.N.2



1 BUILDING 3 - AREA P - ENLARGED FLOOR PLAN
3/16" = 1'-0"

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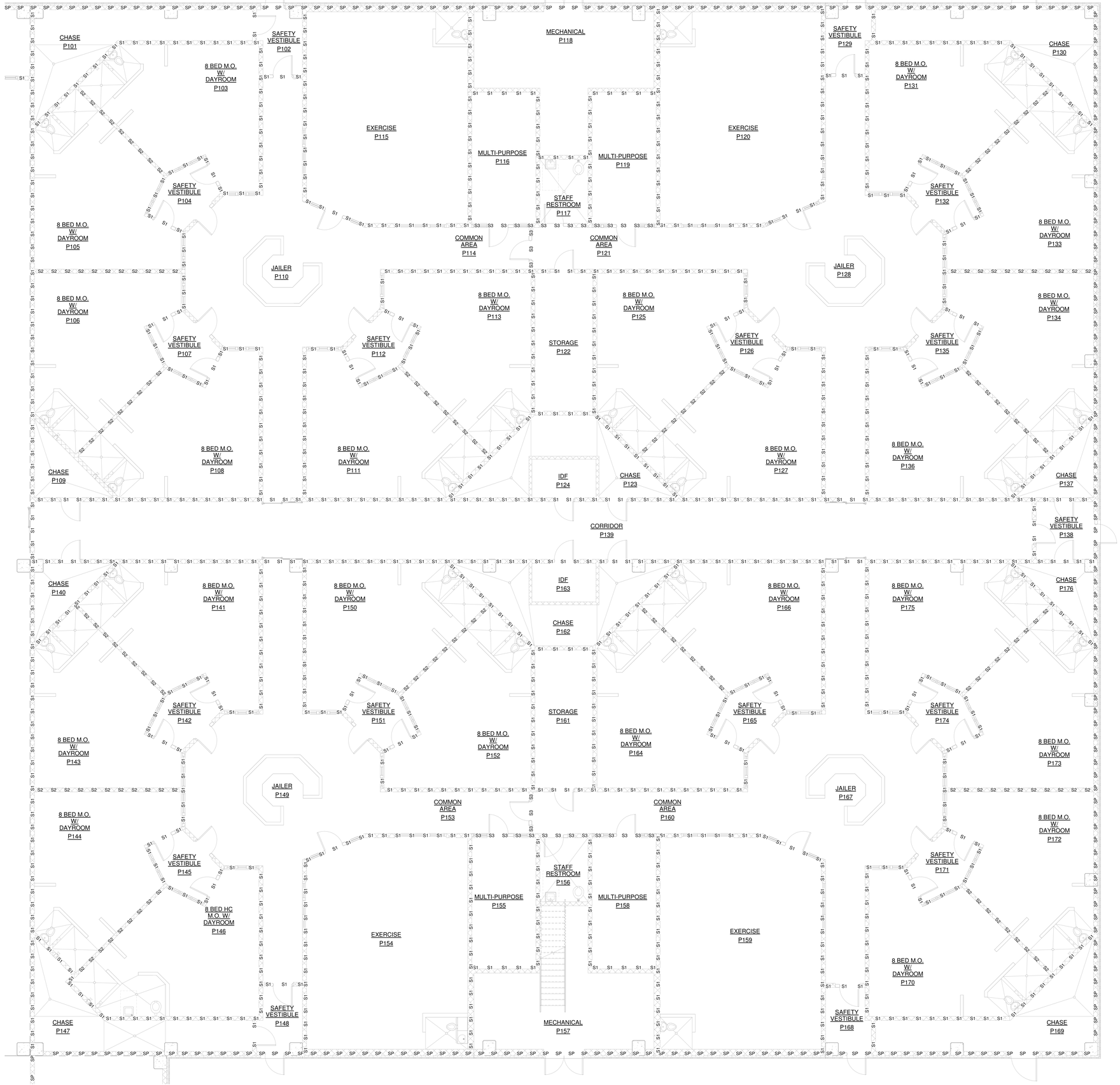
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N P
K L
F G H J
A B C D E
AREA MAP

Project Number	MCJ-22
Date	12/28/22
Scale	3/16" = 1'-0"

BUILDING 3 - AREA P - ENLARGED FLOOR PLAN

A1.P.1



1 BUILDING 3 - AREA P - DETENTION WALL & CMU REINFORCEMENT
3/16" = 1'-0"

SECURE WALL TYPE LEGEND:

MARK	WALL TYPE	REINFORCEMENT
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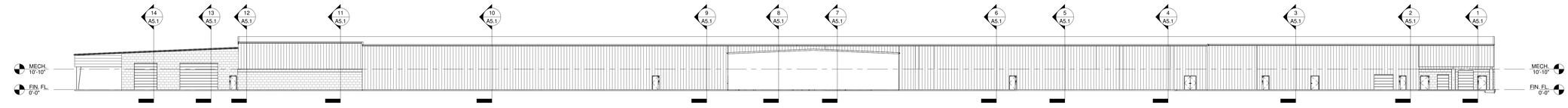
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N P
K L
F G H J
A B C D E
AREA MAP

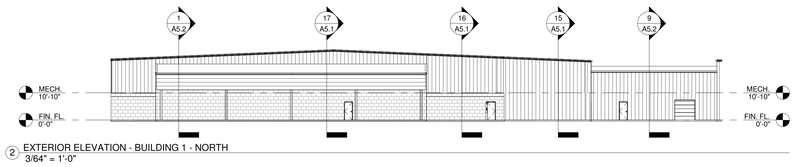
Project Number	MCJ-22
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BUILDING 3 - AREA P - DETENTION WALL & CMU REINFORCEMENT

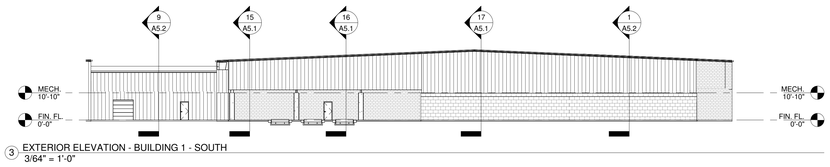
A1.P.2



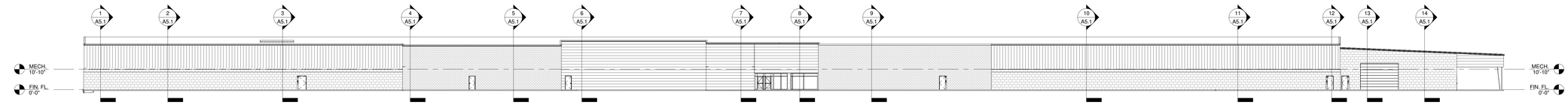
1 EXTERIOR ELEVATION - BUILDING 1 - WEST
3/64" = 1'-0"



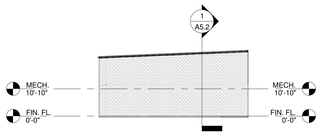
2 EXTERIOR ELEVATION - BUILDING 1 - NORTH
3/64" = 1'-0"



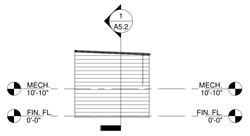
3 EXTERIOR ELEVATION - BUILDING 1 - SOUTH
3/64" = 1'-0"



4 EXTERIOR ELEVATION - BUILDING 1 - EAST
3/64" = 1'-0"



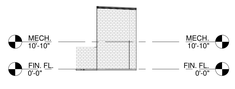
5 EXTERIOR ELEVATION - BUILDING 1 - NORTH
3/64" = 1'-0"



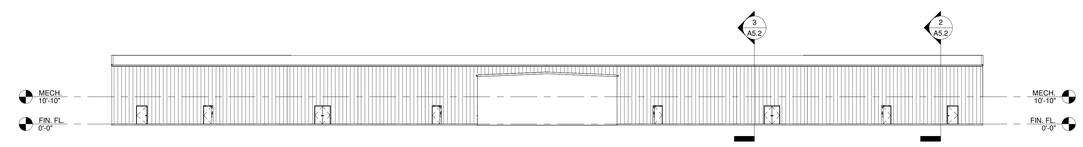
6 EXTERIOR ELEVATION - BUILDING 1 - SOUTH
3/64" = 1'-0"



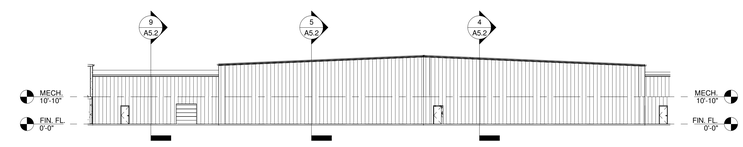
7 EXTERIOR ELEVATION - BUILDING 1 - NORTH
3/64" = 1'-0"



8 EXTERIOR ELEVATION - BUILDING 1 - SOUTH
3/64" = 1'-0"



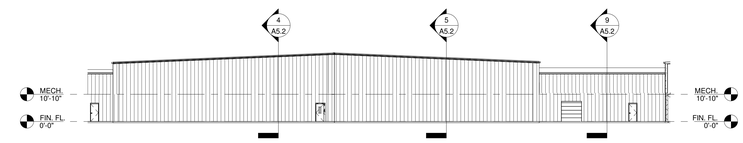
9 EXTERIOR ELEVATION - BUILDING 2 - WEST
3/64" = 1'-0"



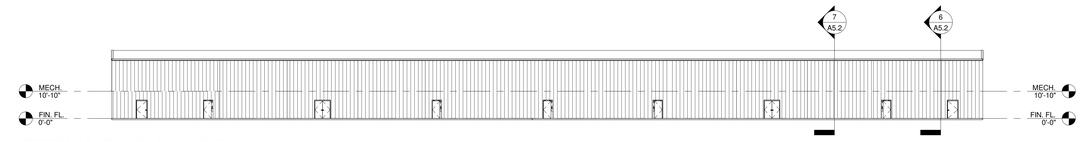
10 EXTERIOR ELEVATION - BUILDING 2 - NORTH
3/64" = 1'-0"



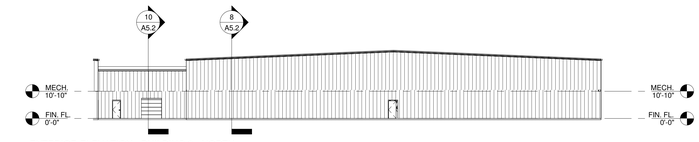
11 EXTERIOR ELEVATION - BUILDING 2 - EAST
3/64" = 1'-0"



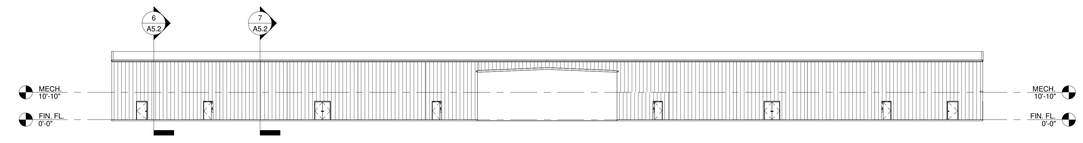
12 EXTERIOR ELEVATION - BUILDING 2 - SOUTH
3/64" = 1'-0"



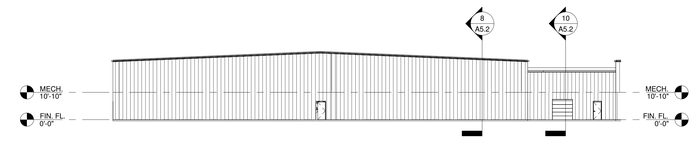
13 EXTERIOR ELEVATION - BUILDING 3 - WEST
3/64" = 1'-0"



14 EXTERIOR ELEVATION - BUILDING 3 - NORTH
3/64" = 1'-0"



15 EXTERIOR ELEVATION - BUILDING 3 - EAST
3/64" = 1'-0"



16 EXTERIOR ELEVATION - BUILDING 3 - SOUTH
3/64" = 1'-0"

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BURNS ARCHITECTURE,LLC
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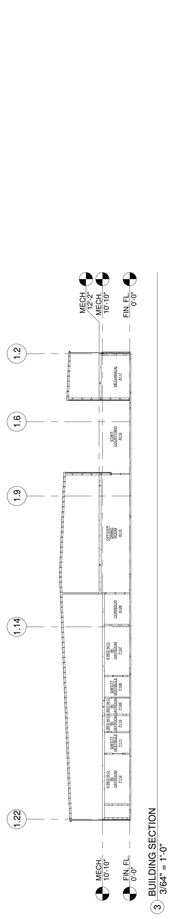
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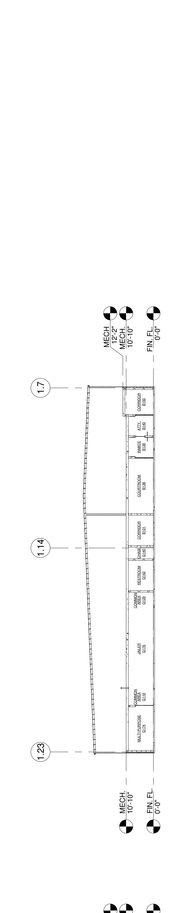
Project Number	MCJ-22
Date	12/28/22
Scale	3/64" = 1'-0"

EXTERIOR ELEVATIONS

A4.1



1 BUILDING SECTION
3/64" = 1'-0"



2 BUILDING SECTION
3/64" = 1'-0"

3 BUILDING SECTION
3/64" = 1'-0"

4 BUILDING SECTION
3/64" = 1'-0"

5 BUILDING SECTION
3/64" = 1'-0"

6 BUILDING SECTION
3/64" = 1'-0"

7 BUILDING SECTION
3/64" = 1'-0"

8 BUILDING SECTION
3/64" = 1'-0"

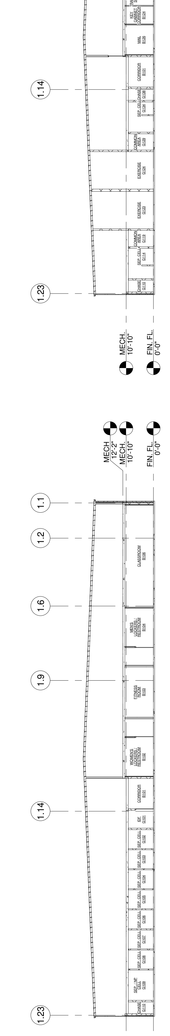
9 BUILDING SECTION
3/64" = 1'-0"

10 BUILDING SECTION
3/64" = 1'-0"

11 BUILDING SECTION
3/64" = 1'-0"

12 BUILDING SECTION
3/64" = 1'-0"

13 BUILDING SECTION
3/64" = 1'-0"



14 BUILDING SECTION
3/64" = 1'-0"

15 BUILDING SECTION
3/64" = 1'-0"

16 BUILDING SECTION
3/64" = 1'-0"

17 BUILDING SECTION
3/64" = 1'-0"

MIDLAND COUNTY

NEW JAIL

E COUNTY RD 110 & S COUNTY RD 1140
MIDLAND, TEXAS

No.	Revision	Date

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GALVESTON, TX 77553

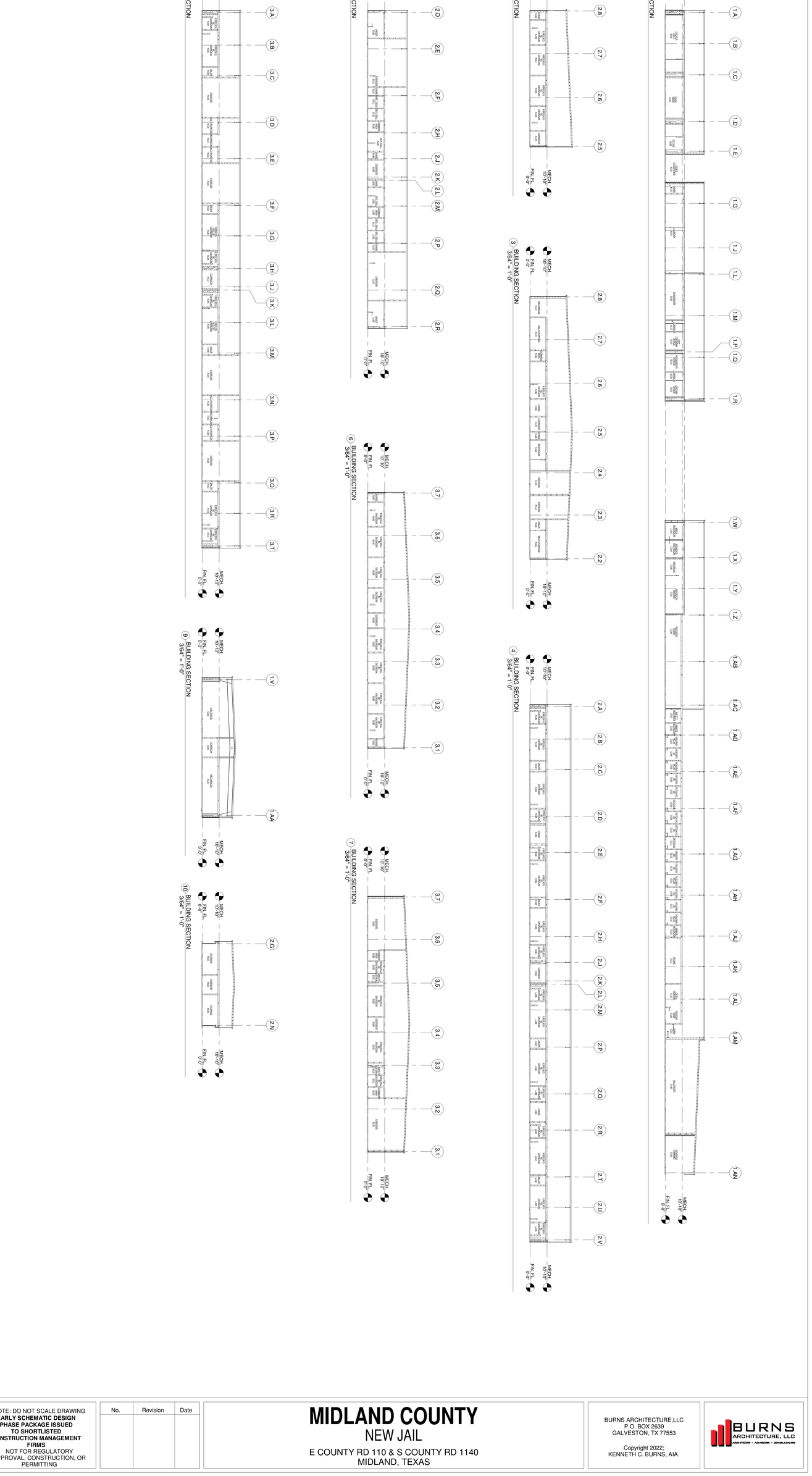
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Project Number MCJ-22
Date 12/28/22
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BUILDING SECTIONS

A5.1



A5.2

Project Number	MCJ-22
Date	12/28/22
Scale	3/64" = 1'-0"
BUILDING SECTIONS	

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