UNIT MIX SCHEDULE

RENTABLE AREA

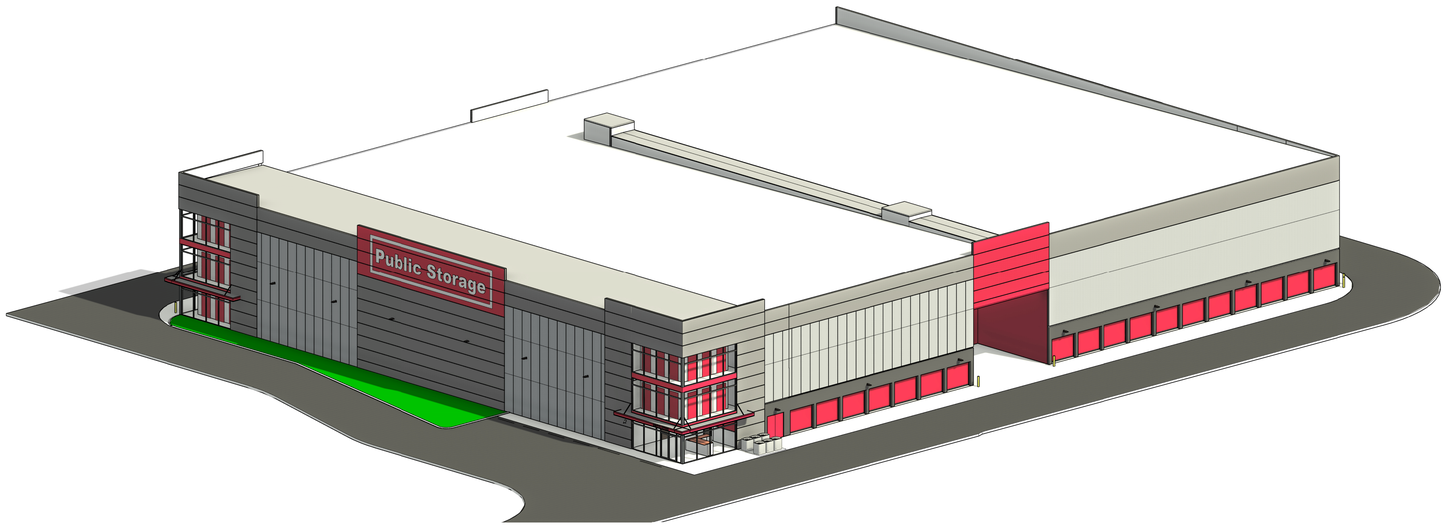
PROJECT PUBLIC STORAGE - FL

TOTALS GROSS AREA — **LEASEBLE AREA**

LEVEL	GROSS (SF)	GROSS (SF)	5 x 5 (25 SF)	5 x 10 (50 SF)	7x10 (70 SF)	7x17 (119 SF)	10x7.5 (75 SF)	10 x 10 (100 SF)	10x12 (120 SF)	10x15 (150 SF)	10x19 (190 SF)	10x20 (200 SF)	10x24 (240 SF)	10x25 (250 SF)	10x29 (290 SF)	10x30 (300 SF)	11.5x7.5 (86.25 SF)	11.5x10 (115 SF)	11.5x15 (172.5 SF)	11.5x20 (230 SF)	11.5x30 (345 SF)	UNITS
TOP OF FINISH FL	48816 SF	39446 SF	9	62	2	1	0	64	1	44	0	56	1	10	1	25	0	0	0	1	1	278
TOP OF SLAB @ SECOND FL	48249 SF	37291 SF	20	92	4	2	0	136	0	75	1	25	0	0	0	3	0	1	1	0	0	360
TOP OF SLAB @ THIRD FL	50362 SF	38212 SF	28	120	4	2	37	117	0	97	1	3	0	0	0	0	1	0	1	0	0	411
TOTAL AREA	147426 SF	114949 SF	57	274	10	5	37	317	1	216	2	84	1	10	1	28	1	1	2	1	1	1049

HOOK STREET SELF STORAGE AT:

13125 HOOKS STREET, CLERMONT, FL, 34711



TOTAL UNITS SCHEDULE

TYPE	AREA	QTY.	PORCENTAGE	UNDER A/C
5 x 5	25	57	5.33%	A/C
5 x 10	50	274	25.63%	A/C
7 x 10	70	10	0.94%	A/C
7 x 17	119	5	0.47%	A/C
10 x 7.5	75	37	3.46%	A/C
10 x 10	100	317	29.65%	A/C
10 x 12	120	1	0.09%	A/C
10 x 15	150	12	1.12%	-
10 x 15	150	204	19.08%	A/C
10 x 19	190	2	0.19%	A/C
10 x 20	200	19	1.78%	-
10 x 20	200	65	6.08%	A/C
10 x 24	245	1	0.09%	A/C
10 x 25	250	10	0.94%	A/C
10 x 29	295	1	0.09%	A/C
10 x 30	300	17	1.59%	-
10 x 30	300	11	1.03%	A/C
11.5 x7.5	115	1	0.09%	A/C
11.5 x 10	115	1	0.09%	A/C
11.5 x 15	172.5	2	0.19%	A/C
11.5 x 20	230	1	0.09%	A/C
11.5 x 30	345	1	0.09%	A/C
CORRIDOR	7645	1	0.09%	A/C
CORRIDOR	10544	1	0.09%	A/C
CORRIDOR	11418	1	0.09%	A/C
CORRIDOR (NO FOR PUBLIC USE)	164	5	0.47%	A/C
ELECT. ROOM	142	1	0.09%	A/C
ELEV.1	82	1	0.09%	A/C
ELEV. 2	82	1	0.09%	A/C
JAN	72	1	0.09%	A/C
OFFICE	629	1	0.09%	A/C
RESTROOM MAN	65	1	0.09%	A/C
RESTROOM UNISEX	86	1	0.09%	A/C
RESTROOM WOMAN	65	1	0.09%	A/C
STAIR 1	201	2	0.19%	-
STAIR 2	201	2	0.19%	-
TOTAL		1069	100.00%	
TOTAL AREA UNDER A/C				135922 SF
WITH OUT A/C				11504 SF

ARCHITECT:

BELLON ARCHITECTURE, INC
12930 S.W. 128 STREET
SUITE 203
MIAMI, FL 33186
T. (305) 278-7776
F. (305) 278-7473
WWW.BELLONARCHITECTURE.COM

OWNER:

i4 CAPITAL GROUP
13119 HOOKS ST,
CLERMONT, FL 34711
T. (305) 407 4260
WWW.I4CAPITAL.COM

MEP ENGINEERING:

J PEREZ ENGINEERING
11010 SW 2ND AVE.
UNIT 1008
MIAMI, FL 33130
T. (954) 348 4437
JUAN@JPEREZENG.COM

STRUCTURAL ENG:

BENNETT & PLESS INC.
JENNIFER ZABIK, P.E. SE.
1024 N FULLERS CROSS ROAD
WINTER GARDEN, FL. 34787
JZABIK@BENNETT-PLESS.COM
P-1294

SHOP DRAWINGS

1. FIRE SPRINKLERS.
2. ELEVATOR AND EQUIPMENT.
3. STRUCTURAL ITEMS PER STRUCTURAL DWGS.
4. EXTERIOR INSULATED METAL PANELING SYSTEM.
5. MILLWORK.
6. METAL CANOPIES.
7. FIRE ALARM.
8. METAL STAIRS AND GUARDRAILS.
9. STOREFRONT.
10. TRASH ENCLOSED AND GATE.
11. FENCING AND GATES.
12. SIGNAGE INTERIOR & EXTERIOR

SUBMITTALS

1. MTL BLDG MANUFACTURE (RAPID) SHOP D.W.G
2. DOOR HARDWARE.
3. SLIDING ENTRANCE DOOR.
4. ROOF HATCH.
5. EXHAUST FANS.
6. PLUMBING FIXTURE (WATER CLOSET, LAVS, SERVICE SINKS.)
7. WATER HEATER.
8. HVAC.
9. LIGHTING FIXTURE.
10. ELECTRICAL GEAR / PANELBOARD.
11. LIGHTING CONTROLS, OCCUPANCY SENSORS.
12. ROOFING MATERIALS.
13. STEEL STAIRS.
14. STOREFRONT.
15. FLASHING / SHEET METAL.
16. SITE SUBMITTALS.
17. LOW VOLTAGE.
18. CONCRETE.
19. REBAR.
20. EXTERIOR FINISHES.
21. PAINT.
22. STORAGE UNIT AND COMPONENTS BY JANUS (BY CM).
23. STORE FRONT SYSTEM

CITY DEFERRED SUBMITTAL

1. FIRE SPRINKLERS
2. FIRE ALARM.
3. STOREFRONT AND EXTERIOR DOORS.
4. STEEL STAIR SHOP DRAWINGS.
5. ROOFING SYSTEM.
6. METAL CANOPIES.
7. SLIDING ENTRANCE DOOR.
8. ROOF HATCH.
9. STAIR RAILING.
10. SIGNAGE.

NOA / FPAs

SWING GLASS DOORS	FL8786.3-R9	KAWNEER COMPANY
ALUM. ROOF HATCH	NOA#14-0708.07	BILCO COMPANY
STOREFRONTS	FL8787-R13	KAWNEER COMPANY
ROOFING		
OUTSWING DOOR	NOA#18-0212.10	VISION HOLLOW METAL LIMITED
AUTO. SLIDING DOOR	NOA#18-0212.10	STANLEY ACCESS TECH.

CONSTRUCTION DOCUMENTS LIST

GENERAL

GV 0.01	COVER SHEET / BUILDING CODE SUMARY
G 0.01	GENERAL NOTES
G 0.02	BARRIER FREE DETAILS

CIVIL

C100	COVER SHEET
C101	GENERAL NOTES
C102	DEMOLITION AND EROTION CONTROL PLAN
C103	DEMOLITION AND EROTION CONTROL PLAN
C104	ACCESIBILITY SITE PLAN
C105	FIRE PROTECTION PLAN
C200	OVERALL SITE PLAN
C201	SITE PLAN
C202	SITE PLAN
C300	GRADING PLAN
C301	GRADING PLAN
C302	GRADING PLAN SECTIONS
C303	GRADING PLAN SECTIONS
C400	DRAINAGE PLAN
C401	DRAINAGE PLAN
C500	UTILITY PLAN
C600	GENERAL DETAILS
C700	SMS OPERATION AND MAINTENANCE PLAN
GN1	CITY OF CLERMONT GENERAL NOTES
GN2	CITY OF CLERMONT GENERAL NOTES
LP-1	LANDSCAPE PLAN
LP-2	LANDSCAPE PLAN
IRP-1	IRRIGATION PLAN
E-2.2	PHOTOMETRIC PLAN
A-2.01	BUILDING ELEVATIONS

LANDSCAPE

LP 1.0	LANDSCAPE PLAN
LP 1.1	LANDSCAPE DETAILS
LP 2.0	IRRIGATION OVERALL SITE
LP 2.1	IRRIGATION DETAILS

ARCHITECTURAL

LSP 1.01	EGRESS GROUND FLOOR
LSP 1.02	EGRESS SECOND FLOOR
LSP 1.03	EGRESS THIRD PLAN
A 0.01	SITE PLAN
A 0.02	SITE PLAN DETAILS
A 1.01	GROUND FLOOR PLAN
A 1.02	SECOND FLOOR PLAN
A 1.03	THIRD FLOOR PLAN
A 1.04	ROOF FLOOR PLAN
A 1.05	WALL AND PARTITIONS TYPES
A 1.06	UL ASSEMBLIES
A 1.07	PUBLIC STORAGE STD. INT. ELEV. AND SECTIONS
A 2.01	ELEVATIONS SOUTH
A 2.02	ELEVATIONS WEST, EAST AND NORTH
A 3.01	CROSS SECTIONS
A 3.02	WALL SECTIONS
A 4.01	ENLARGED OFFICE AND LOBBY PLAN
A 4.02	ENLARGED TOILET ROOM AND ELEVATIONS
A 4.03	LOBBY AND BREAK ROOM INTERIOR ELEVATIONS
A 4.04	CANOPY DETAILS
A 5.01	RELECTED CEILING GROUND FLOOR
A 5.02	RELECTED CEILING SECOND FLOOR
A 5.03	RELECTED CEILING THIRD FLOOR
A 6.01	STAIRS PLANS AND SECTIONS
A 6.02	STAIR RAILING DETAILS AND ROOF HATCH
A 6.03	ELEVATOR DETAILS
A 7.01	DOOR SCHEDULE, HARDWARE AND DETAILS
A 7.02	FINISH SCHEDULES
A 8.01	GROUND FLOOR SIGNAGE PLAN
A 8.02	SECOND FLOOR SIGNAGE PLAN
A 8.03	THIRD FLOOR SIGNAGE PLAN
A 8.04	SIGNAGE TYPES
A 8.05	SIGNAGE TYPES
A 9.01	DOOR DETAILS
A 9.02	EXPANSION JOIN DETAILS
A 9.03	EXPANSION JOIN DETAILS

STRUCTURE

CS	COVER SHEET
S 0.1	STRUCTURAL SPECIFICATIONS
S 0.2	INSULATION DETAILS
S 0.3	INSULATION DETAILS
S 0.4	BUILDING LAYOUT
S 1.0	BUILDING A1 1ST FLOOR PARTITION & UNIT PLAN
S 1.1	BUILDING A1 1ST FLOOR STUD & CHANNEL PLAN
S 1.2	BUILDING A1 1ST FLOOR DECKING PLAN
S 1.3	BUILDING A2 2ND FLOOR PARTITION & UNIT PLAN
S 1.4	BUILDING A2 2ND FLOOR STUD & CHANNEL PLAN
S 1.5	BUILDING A2 2ND FLOOR DECKING PLAN
S 1.6	BUILDING A3 3RD FLOOR PARTITION & UNIT PLAN
S 1.7	BUILDING A3 3RD FLOOR STUD & CHANNEL PLAN
S 1.8	BUILDING A3 3RD FLOOR ROOF FRAMING PLAN
S 1.9	BUILDING A3 3RD FLOOR ROOF SHEETING PLAN
S 1.10	BUILDING A PLAN NOTES
E 1.0	BUILDING A ELEVATIONS
E 1.1	BUILDING A ELEVATIONS
E 1.2	BUILDING A SECTION CUT
E 1.3	BUILDING A SECTION CUT
D 1.0	STRUCTURAL DETAILS
D 1.1	STRUCTURAL DETAILS
D 1.2	STRUCTURAL DETAILS
D 1.3	STRUCTURAL DETAILS
D 1.4	STRUCTURAL DETAILS
D 1.5	STRUCTURAL DETAILS
D 1.6	STRUCTURAL DETAILS
D 1.7	STRUCTURAL DETAILS
D 1.8	STRUCTURAL DETAILS
D 1.9	STRUCTURAL DETAILS
D 1.10	STRUCTURAL DETAILS
D 1.11	STRUCTURAL DETAILS
D 1.12	STRUCTURAL DETAILS
D 1.13	STRUCTURAL DETAILS
D 1.14	STRUCTURAL DETAILS
F 0.1	FOUNDATION SPECIFICATIONS
F 0.1A	FOUNDATION SPECIFICATIONS
F 1.0	BUILDING A FOUNDATION PLAN
FD 1.0	FOUNDATION DETAILS
FD 1.1	FOUNDATION DETAILS
B 1.0	BUILDING A1 1ST FLOOR BLACK STEEL PLAN
B 1.1	BUILDING A2 2ND FLOOR BLACK STEEL PLAN
B 1.2	BUILDING A3 3RD FLOOR BLACK STEEL PLAN
BD 1.0	BLACK STEEL DETAILS
BD 1.1	BLACK STEEL DETAILS
BD 1.2	STAIR 1 CMU BLOCK HEIGHTS
BD 1.3	STAIR 2 CMU BLOCK HEIGHTS
BD 1.4	ELEVATOR 1 & ELEC. ROOM CMU BLOCK HEIGHTS
BD 1.5	ELEVATOR 2 CMU BLOCK HEIGHTS

GENERAL NOTES:

ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL CODES, RULES, REGULATIONS AND RESTRICTIONS HAVING JURISDICTION ON THIS PROJECT. AS PER LATEST EDITION OF FLORIDA BUILDING CODE.

WORK SHALL INCLUDE ALL ITEMS (BUILDING AND SITE) INDICATED ON THESE DRAWINGS UNLESS OTHERWISE NOTED.

CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION. THE ARCHITECT SHALL BE NOTIFIED OF ANY DEVIATION FROM THE PLANS PRIOR TO CONSTRUCTION.

DRAWINGS SHALL NOT BE SCALED; WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS.

SHOP DRAWINGS FOR WINDOWS,DOORS,WOOD TRUSSES,STAIRS & RAILINGS SHALLBE SUBMITTED TO THE ARCHITECT FOR GENERAL REVIEW, DESIGN COMPLIANCE AND APPROVAL.

CONTRACTOR SHALL MAINTAIN TEMPORARY ELECTRICAL, WATER AND SANITARY FACILITIES FOR THE DURATION OF CONSTRUCTION.

CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS FROM THE JOB SITE ON A REGULAR BASIS AND LEAVE THE BUILDING BROOM CLEAN.

THE CONTRACTOR SHALL ACQUAINT HIMSELF WITH THE SITE PRIOR TO CONSTRUCTION AND SHALL VERIFY ALL FIELD CONDITIONS PRIOR TO ACTUAL CONSTRUCTION. ANY DEVIATION FROM THE CONSTRUCTION DOCUMENTS DISCOVERED AT THIS TIME SHALL BE REPORTED BY THE CONTRACTOR IMMEDIATELY TO THE ARCHITECT.

ALL WORKMANSHIP SHALL BE NEAT, CLEAN, TRUE AND CORRECT.

OMISSIONS FROM THE DRAWINGS OR SPECS. OR THE MISDESCRIPTION OF DETAILS OF WORK, WHICH ARE MANIFESTLY NECESSARY TO CARRY OUT THE INTENT OF THE DRAWINGS & SPECS., OR WHICH ARE CUSTOMARILY PERFORMED, SHALL NOT RELIEVE THE CONTRACTOR FROM PERFORMING SUCH OMITTED OR MISDESCRIBED DETAILS OF WORK, BUT THEY SHALL BE PERFORMED AS IF FULLY AND CORRECTLY SET FORTH AND DESCRIBED IN THE DRAWINGS AND SPECIFICATIONS.

ALL WOOD AND/OR STEEL COLUMNS SHALL BE 1 HOUR FIRE RATED .

WOOD FURRING IN CONTACT WITH MASONRY MUST BE PRESSURE TREATED
2023 F.B.C. 8th EDITION.

DOORS & WINDOWS NOTES:

CLOSET & BATHROOM DOORS SHALL COMPLY W/ SECTIONS 24-2.4.3 AND 24-2.4.4 NFPA

NFPA 24-2.4.3 EVERY CLOSET DOOR LATCH SHALL BE SUCH THAT CHILDREN CAN OPEN THE DOOR FROM INSIDE THE CLOSET.

NFPA 24-2.4.4 EVERY BATHROOM DOOR LOCK SHALL BE DESIGNED TO PERMIT THE OPENING OF THE LOCKED DOOR FROM THE OUTSIDE IN AN EMERGENCY.

BUILDING IDENTIFICATION:

REQUIRED APPROVED NUMBERS OR ADDRESSES BE PLACED ON ALL NEW AND EXISTING BUILDINGS IN SUCH POSITION AS TO BE PLAINLY VISIBLE AND LEGIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. SAID NUMBERS SHALL CONTRAST WITH THEIR BACKGROUND.

EACH BUILDING, OR PORTION OF BUILDING, HAVING AN ADDRESS NUMBER, THE OWNER OR PERSON IN CHARGE OF THE BUILDING, OR OF EACH PORTION, SHALL CAUSE SUCH ADDRESS NUMBER TO BE DISPLAYED AT ALL TIMES, IN NUMERALS ON OR ADJACENT TO THE BUILDING, OR PORTION, SO THAT THE NUMERALS ARE READABLE FROM THE STREET OR THOROUGHFARE TO WHICH THE NUMBER APPLIES. NUMERALS SHALL BE AT LEAST SIX INCHES IN HEIGHT FOR MULTIFAMILY RESIDENTIAL BUILDINGS..."

WALL AND CEILING FINISHES NOTE:

1. WALL AND CEILING FINISHES SHALL HAVE A FLAME SPREAD INDEX NOT GREATER THAN 200 PER F.B.C. R302.9.1
2. WALL AND CEILING FINISHES SHALL HAVE A SMOKE DEVELOPED INDEX NOT GREATER THAN 450 AS PER F.B.C. R302.9.2
3. INSULATION MATERIALS SHALL HAVE A FLAME SPEAD INDEX OF NOT MORE THAN 25 & A SMOKE DEVELOPED INDEX OF NOT MORE THAN 450 PER R302.10.1 F.B.C.
4. FOAM PLASTIC INSULATION SHALL BE SEPARATED FROM THE INTERIOR OF BUILDING W/ A MIN. "GYP. BOARD OR OTHER APPROVED THERMAL BARRIER PER R316.4 (SEE WALL SECTION SHEET A - 5.3)
5. FOAM PLASTIC INSULATION SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 75 & A SMOKE DEVELOPED INDEX OF NOT MORE THAN 450 WHEN TESTED IN ACCORDANCE W/ ASTM E84 OR UL 723, PER R316.3 F.B.C.

NON - BEARING INTERIOR PARTITION:

ALL INTERIOR NON BEARING PARTITIONS SHALL BE 3 5/8" METAL STUDS
GA AT 24" O.C. MAX. SPACING W/ 1/2" MIN. GYPSUM DRYWALL EACH SIDE.

SECURITY NOTES:

ALL LOCKS ON EXTERIOR DOORS SHALL RESIST A FORCE OF 300 # APPLIED IN ANY MOVABLE DIRECTION.

ALL EXTERIOR LOCKS SHALL BE SINGLE CYLINDER W/ 1" THROW FOR 1 3/4" SOLID CORE DOOR.

ALL SINGLE EXTERIOR SWING DOORS SHALL HAVE A KEY OPERATED LOCK, OPERABLE FROM EXTERIOR WITH A MINIMUM 6000 POSSIBLE KEY CHANGES.

KEY ON KNOB LOCKS SHALL HAVE AN AUXILIARY DEAD BOLT W/ HARDENED BOLT OR WITH INSERT.

EXT. SWING DOORS SHALL BE SOLID CORE NOT LESS THAN 1 3/4" THICK.

HINGES ON OUT SWINGING EXTERIOR DOORS SHALL HAVE NON-EXPOSED SCREWS AND NON-REMOVABLE PINS.

SINGLE SWING EXTERIOR DOORS CONNECTING LIVING AREAS WITH GARAGE AREAS SHALL BE SOLID CORE 1 3/4" THICK AND SHALL BE SECURED WITH A LATCH AND SINGLE BOLT W/ ONE INCH MIN. THROW OR A COMBINATION OF DEAD BOLT AND DEAD LATCH SETS AND AN AUTOMATIC DOOR CLOSER.

ALL GLASS IN EXTERIOR DOORS SHALL COMPLY WITH ANSI 279.1

SLIDING GLASS DOORS & WINDOWS SHALL BE INSTALLED & CONSTRUCTED SO THAT NO PANEL CAN BE LIFTED FROM THE TRACKS POSITION & SHALL COMPLY W/ THE A.A.M.A 1303-3 STANDARDS FOR FORCED ENTRY RESISTANCE.

SLIDING GLASS DOORS SHALL HAVE DEAD BOLT OR PIN SYSTEM NOT REMOVABLE FROM THE OUTSIDE AT THE JAMB AND SILL.

INTERIOR DOORS TO HAVE A CYLINDRICAL TYPE LOCK SETS W/ PRIVACY LOCK BY INSIDE PUSH BUTTON WHICH AUTOMATICALLY OPENS BY TURN OR CLOSING ACCORDING TO FED. SPEC. #160 AND 1511.

OVERHEAD DOORS SHALL BE PROVIDED WITH MULTIPLE POINT LOCKS OR BE LOCKED AT MORE THAN ONE POINT WITH HARDENED BOLTS WITH INSERTS ENGAGING AT LEAST TWO OPPOSITE POINTS A MIN. OF 5/8".

SYMBOLS:

CENTER LINE

LINE ABOVE OR BELOW (AS NOTED)

PROPERTY LINE

BULDING SECTION — SECTION NUMBER; SHEET NUMBER WERE IS CUT OR WHERE OCCURS

WALL SECTION — I.D. SECTION NUMBER; SHEET NUMBER WERE IS CUT OR WHERE OCCURS

DETAIL REFERENCE — DETAIL NUMBER; SHEET NUMBER WERE IS CUT OR WHERE OCCURS

EXTERIOR ELEVATION — ELEVATION NUMBER

INTERIOR ELEVATION — SHEET NUMBER

DOOR MARK — DOOR NO.

ROOM MARK — ROOM NAME; ROOM NUMBER

NORTH ARROW

ELEVATION MARK

WALL TYPE — WALL TYPE NUMBER

REVISION MARK — NUMBER

WINDOW OR STOREFRONT TYPE — NUMBER

WORKING POINT

STARTING POINT

ITEM DOORS (REFER TO DOOR SCHEDULE)

CLOSET DOORS (BI-FOLD DOOR) (REFER TO DOOR SCHEDULE)

WINDOW (REFER TO SCHEDULE)

WATER CLOSET

LAVATORY (STANDARD)

FIRE:

G.C. SHALL INSTALL PORTABLE FIRE EXTINGUISHERS DURING THE TIME OF CONSTRUCTION IN COMPLIANCE OF THE FLORIDA FIRE PREVENTION CODE NFPA 1, 2024 EDITION SECTIONS

IF COMBUSTIBLE LIQUIDS WILL BE STORED, HANDLED OR USED ON THE CONSTRUCTION SITE THE G.C. SHALL COMPLY WITH THE FLORIDA FIRE PREVENTION CODE NFPA 1, 2024 EDITION

COMPLY WITH FLORIDA FIRE PREVENTION CODE 2023, 8th EDITION

BATHROOMS:

PLUMBING FIXTURES SHALL BE INSTALLED AND SPACED IN A MANNER TO PERMIT EASY ACCESS FOR CLEANING AND FOR THE INTENDED USE, AND SHALL BE SET WITH THE MINIMUM CLEARANCES AS SETH FORTH IN F.B.C. 2023 PLUMBING CODE .

ALL MIRRORS EXCEEDING 9 SQUARE FEET INSTALLED IN VERTICAL WALLS SHALL BE SUPPORTED ON THE BOTTOM AND SHALL BE SECURELY AFFIXED TO THE WALL IN ACCORDANCE WITH THE MFR. SPECS.

TOILET ROOMS SHALL COMPLY WITH F.B.C. 2023 ED. FLOORS SHALL BE OF IMPERVIOUS MATERIAL AS PER F.B.C. 2023 PLUMBING CODE .

ALL WATER CLOSETS, LAVATORIES, SHOWERHEADS, AND SINKS SHALL COMPLY WITH PLUMBING CODE OF THE F.B.C 2023 8th EDITION & MIAMI-DADE ORDINANCE 08-31.

BELLÓN ARCHITECTURE

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ARCHITECTURE
LAND PLANNING
INTERIORS
CONSTRUCTION
MANAGEMENT

CONSULTANTS

HOOK STREET SELF STORAGE AT:
13125 HOOKS STREET, CLERMONT, FL, 34711

MARK	DATE	DESCRIPT
1		
2		
3		
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5		
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7		
8		
9		

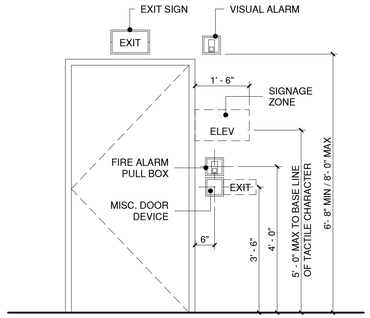
PROJECT No.: LB780
DRAWN BY: FM, YP, AP
CHECKED BY: LB
DATE: 11 - 11 - 2024

LEOPOLDO BELLON, AIA (AR-8737)

GENERAL NOTES

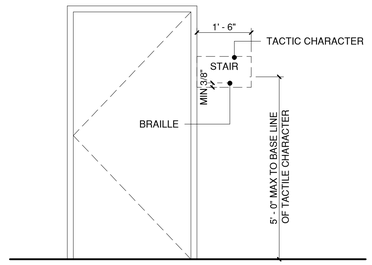
G 0.01

SHEET OF



TYP. MOUNTING HEIGHTS @ EXIT DOOR

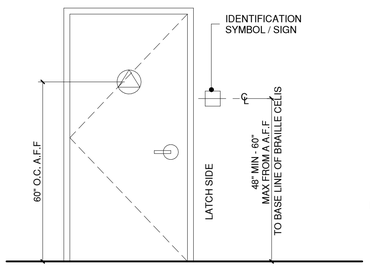
1 G 0.02 **SCALE:** 1/2" = 1'-0"



NOTE: ALL EXIT SINAGE SHALL COMPLY WITH SECTION 703 OF 2023 ADA STANDARS FOR ACCESSIBLE DESING FOR ALL SIGNAGE CHARACTER

TYP. MOUNTING HEIGHTS @ EXIT DOOR SIGNAGE

2 G 0.02 **SCALE:** 1/2" = 1'-0"

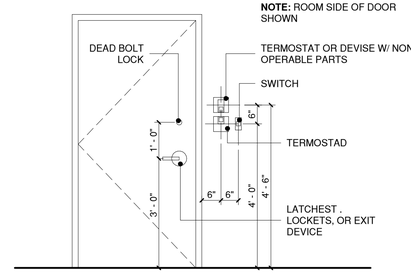


NOTES:

1. DOORWAYS LEADING TO SANITARY FACILITIES SHALL BE IDENTIFIED BY A GEOMETRIC SYMBOL . GEOMETRIC SYMBOL SHALL BE CENTER HORIZONTALLY ON THE DOOR AT 60 INCHES ABOVE THE FINISH FLOOR TO CENTER OF SYMBOL. EDGES OF ACCESSIBILITY SIGNAGE SHALL BE ROUNDED OR EASED (1127A.7.2). SEE SECTION 1127A.7.2.1 - 1127A.7.2.3 FORM ADDITIONAL SIGNATURE REQUIREMENTS APPLICABLE TO SANITARY FACILITY
2. WHILE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES OF A BUILDING OR SITE, RAISED LETTERS SHALL BE PROVIDED AND SHALL BE ACCOMPANIED BY BRAILLE IN CONFORMANCE IN SECTION 1117B.5.2 THROUGH 1117B.5.7. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH OUTSIDE OF THE DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. MOUNTING LOCATION SHALL BE DETERMINED SO THAT A PERSON MAY APPROACH WITHIN 3" OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF DOOR (1117B.5.1.1 , 1117B.5.7)

TOILET IDENTIFICATION SIGNS

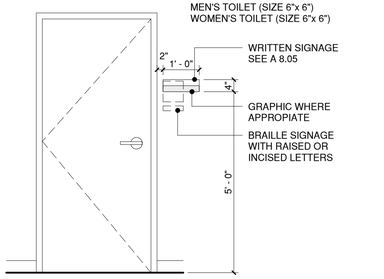
3 G 0.02 **SCALE:** 1/2" = 1'-0"



SEE DETAIL 1 FOR KEYPAD AND FIRE ALARM WHERE MOUNTING

TYP. MOUNTING HEIGHTS @ DOORS

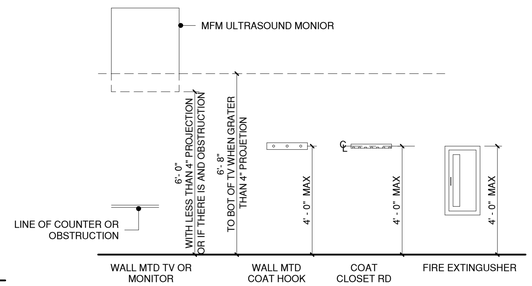
4 G 0.02 **SCALE:** 1/2" = 1'-0"



NOTE:
SIGNAGE REQUIRED TO BE ACCESSIBLE ROOM SHALL COMPLY WITH (F. B. C. CHAPTER 11 / 11-4.30)

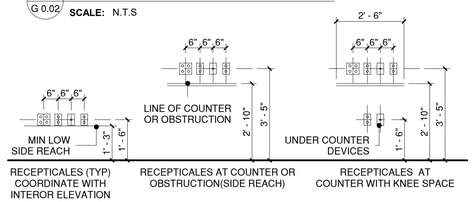
SING LOCATIONS ROOM DESIGNATIONS

5 G 0.02 **SCALE:** 1/2" = 1'-0"



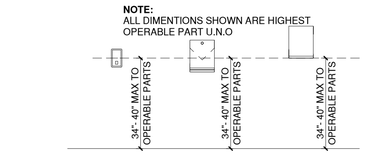
TYP. MOUNTING HTS. - MISC.

6 G 0.02 **SCALE:** N.T.S



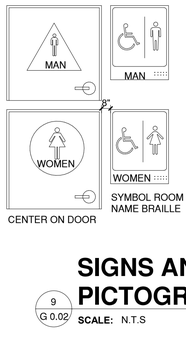
TYP. MOUNTING HEIGHTS DEVICES

7 G 0.02 **SCALE:** N.T.S



TYP. MOUNTING HTS. DISPENSERS

8 G 0.02 **SCALE:** N.T.S

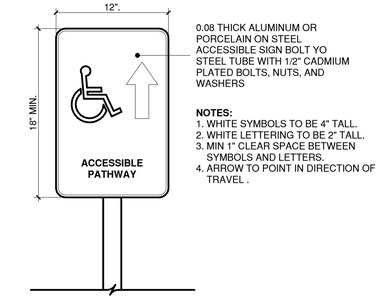


NOTE:

1. THERE MUST BE GOOD CONTRAST BETWEEN COPY & BACKGROUND.
2. THE FINISH MUST BE METAL ,EGGSHELL OR SEMI-GLOSS FINISH. (AS AN INDUSTRIAL STANDARD , BRUSHED USED FOR THE IDENTIFYING PORTION OF THE SIGN.
3. OR SIGNS @ EYE-LEVEL, THESE ARE THE REQUIREMENTS:
   A. LETTERS ARE RAISED A MIN OF 1/32".
   B. HEIGHT IS 5/8" MIN.
   C. 3.3. LETTER STYLE IN SAN SERIF , UPPERCASE.
   D. PICTOGRAMS AREA 6" MIN BORDER PRINTED WITH VERBAL DESCRIPTION& BRAILLE BENEATH.
   E. USE CONTRACTED BRAILLE.
   F. PLACE SIGN ON THE WALL ADJACENT TO THE CENTER LINE & MIN OF 3" FROM SIGN TO ANY OBSTACLE OR DOOR SWINGS.
   G. IN CASE WHEN NO WALL SPACE EXISTS, THE INDUSTRY STANDARD IS TO PLACE THE SIGN ON THE NEAREST ADJACENT WALL IF THERE ARE NOOTHER LOCATIONS NEAR THAT ROOM, THE SIGN MAY BE PLACED ON THE DOOR .

SIGNS AND PICTOGRAMS

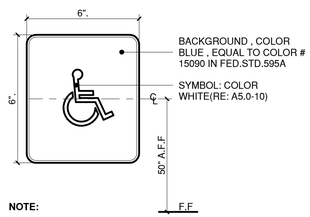
9 G 0.02 **SCALE:** N.T.S



NOTES:
1. WHITE SYMBOLS TO BE 4" TALL.
2. WHITE LETTERING TO BE 2" TALL.
3. MIN 1" CLEAR SPACE BETWEEN SYMBOLS AND LETTERS.
4. ARROW TO POINT IN DIRECTION OF TRAVEL .

ACCESSIBLE PATH SIGN

10 G 0.02 **SCALE:** N.T.S



NOTE:

1. PROVIDE INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN ON ALL EXTERIOR ENTRANCE DOOR AS LOCATED ON THE FLOOR PLAN.

2. FINISH AND CONTRAST: PROVIDE CONTRASTING COLOR OF CHARACTER AGAINST BACKGROUND. SIGNS SHALL BE NON-GLARE FINISH.

3. MOUNTING HEIGHT SHALL BE 60" A.F.F TO CENTER LINE OF THE SIGN. LOCATE AT LATCH SIDE OF A SINGLE-LEAF DOOR , AND ON THE RIGHT SIDE OF A DOUBLE -LEAF PANEL, ON THE ADJACENT WALL

ACCESSIBLE SIGN @ STOREFRONT ENTRANCE

11 G 0.02 **SCALE:** N.T.S

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HOOK STREET SELF STORAGE AT:
13125 HOOKS STREET, CLERMONT, FL, 34711

MARK	DATE	DESCRIPT
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PROJECT No.:	LB780
DRAWN BY:	FM, YP, AP
CHECKED BY:	LB
DATE:	11 - 11 - 2024

LEOPOLDO BELLON, AIA (AR-8737)

BARRIER FREE DETAILS

G 0.02

SHEET OF

OCCUPANCY LOAD PER FLOOR
GROUND FLOOR

FILTER PER OCCUPANT	AREA	OCCUPANCY LOAD FACTOR (GROSS)	OCCUPANCY
ELECTRICAL ROOM	142 SF	175	1
OFFICE	646 SF	150	5
WAREHOUSE	47092 SF	500	94
TOTAL	47880 SF		100

TRAVEL DISTANCE TO EXITS
GROUND LEVEL

(FBC / 2017 / CHAPTER-10 / MEANS OF EGRESS / TABLE 1017.2) / SPRINKLERED FFPC NFPA 101 42.8.2.6.1

TRAVEL DISTANCE TO EXITS		
TRAVEL	ALLOWED	PROVIDED
CORRIDOR TO EXIT No 1	250	125' - 0"
CORRIDOR TO EXIT No 2	250	146' - 0"
CORRIDOR TO EXIT No 3	250	146' - 0"
CORRIDOR TO EXIT No 4	250	125' - 0"
OFFICE TO EXIT No 5	250	26' - 2"

EXIT STAIRS 1&2 AND DOORS
GROUND LEVEL

STAIR No.	(FBC / 2017 / CHAPTER-10 / MEANS OF EGRESS / SECTION 1005.1) EGRESS CAPACITY PROVIDED (WITH SPRINKLER SYSTEM)		
	DOOR WIDTH (0.2) (PERSONS)	STAIR CLEAR WIDTH	STAIR WIDTH (0.3) (PERSONS)
STAIR 1 TO CORRIDOR	(32") /0.2" = 160	48"	(48") / 0.3" = 160 PERSONS
STAIR 2 TO CORRIDOR	(32") /0.2" = 160	48"	(48") / 0.3" = 160 PERSONS
TOTAL	**320 PERSONS**		**320 PERSONS CAPACITY**

LIFE SAFETY LEGEND

RATED DOORS LEGEND

- (A) = 3 HR
- (B1) = 1 HR
- (B2) = 1-1/2 HR
- (C) = 45 MINUTE
- (D) = 20 MINUTE

#FT. TRAVEL DISTANCE — TRAVEL DISTANCE / EXIT ACCESS TRAVEL DISTANCE COMMON PATH

#FT. COMMON PATH — C.P.T. = COMMON PATH OF TRAVEL

ONE HOUR FIRE RATING PARTITION

TWO HOURS FIRE RATING WALL

EXIT — EXIT LIGHT FIXTURE - CEILING MOUNTED (DARKENED AREA INDICATES FACE, ARROW INDICATES DIRECTION OF EGRESS)

EXIT — WALL MOUNTED EXIT LIGHT FIXTURE

EMERGENCY LIGHT

FEC (S-R) — SEMI-RECESS FIRE EXTINGUISHER CABINET

F — FIRE DEPARTMENT VALVE CABINET

FIRE ALARM STROBE / FLASHING LIGHT - WALL / CEILING MOUNTED

SD — SMOKE DETECTOR

ADDRESSABLE SMOKE DETECTOR

150 — EXIT WITH EGRESS CAPACITY (NUMBER OF PERSONS)

FIRE ALARM SPEAKER / HORN WITH STROBE - WALL MOUNTED

4' LED STRIP WITH EMERGENCY BATTERY PACK (HUNG LIGHT FIXTURE)

LED 2 x 2 TROFFER WITH EMERGENCY BATTERY PACK

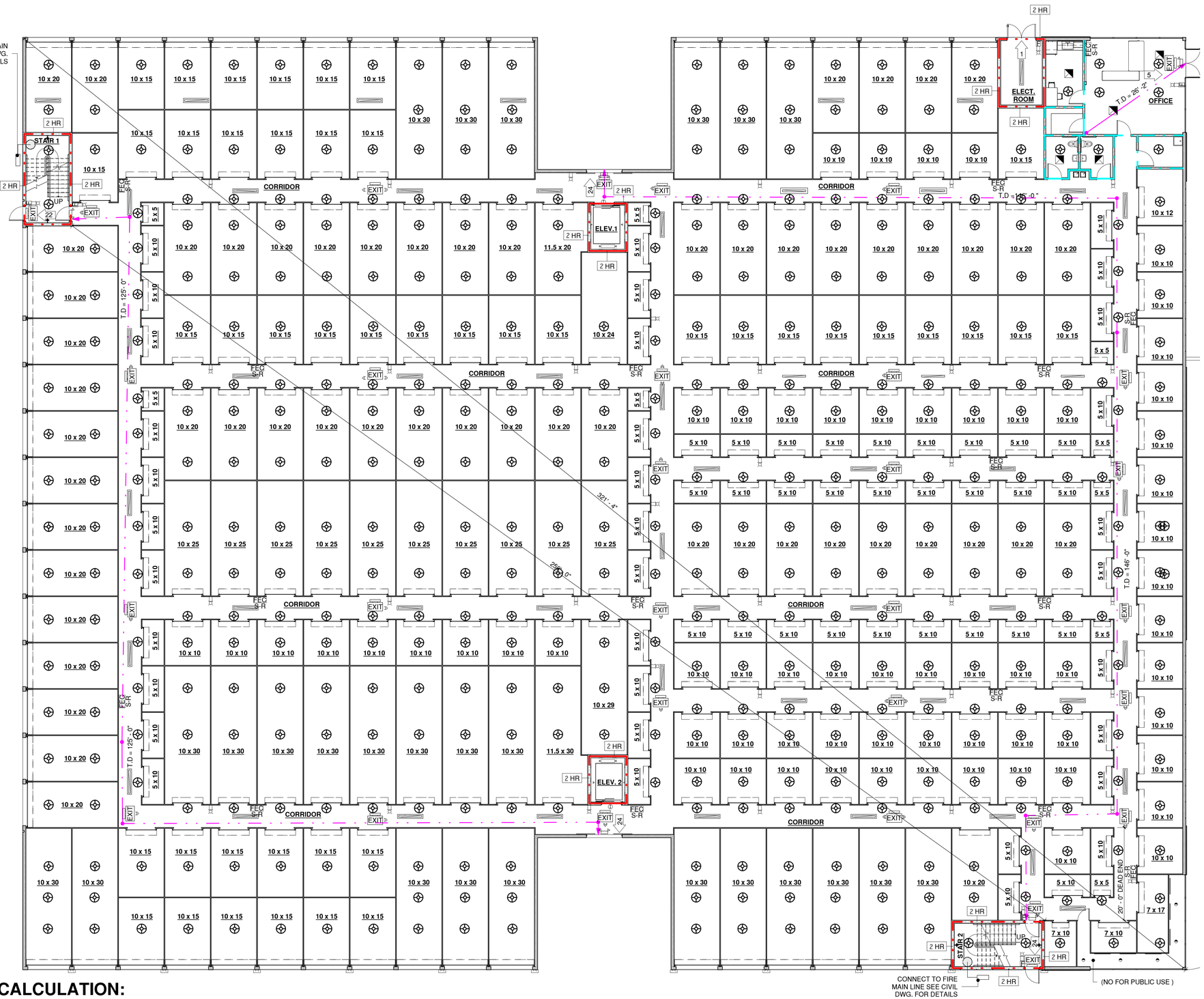
4" ROUND RECESSES LED DOWNRIGHT WITH EMERGENCY BATTERY PACK

NEW FIRE SPRINKLER (CONCEPTUAL LOCATION)

GENERAL NOTES:

ALL SPACES SHALL BE PROTECTED WITH AN AUTOMATIC FIRE SPRINKLER SYSTEM.

CONNECT TO FIRE MAIN LINE SEE CIVIL DWG. FOR DETAILS



F.E. CALCULATION:

OFFICE/ STORAGE AREA:
FIRE EXTINGUISHER SIZE AND PLACEMENT FOR CLASS "A" HAZARDS
MINIMUM RATED SINGLE EXTINGUISHER: 2-A
MAXIMUM FLOOR AREA PER UNIT: 3000 SQ.FT.
MAXIMUM FLOOR AREA PER EXTINGUISHER: 11,250 SQ.FT.
MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER: 75'-0"

GROSS SQ FT(TO EDGE OF EXTERIOR CMU WALLS)
47,479 SF SF/3000=16 FIRE EXTINGUISHERS REQUIRED
16 FIRE EXTINGUISHERS PROVIDED.

NOTE ON LEVELS:

UNLESS SPECIFIED, LEVELS ARE SHOWN D.A.T.U.M.

± 0' - 0" D.A.T.U.M. = + 130.00' N.G.V.D.

CONCEPTUAL

FIRE SPRINKLER AND FIRE ALARM HORN SUBMIT SHOP DWG UNDER SEPARATE PERMIT

LIFE SAFETY - GROUND FLOOR

3/32" = 1'-0"

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PROJECT No.: LB780
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LEOPOLDO BELLON, AIA
(AR-8737)

EGRESS GROUND FLOOR

LSP 1.01

SHEET OF

OCCUPANCY LOAD PER FLOOR.
SECOND FLOOR

FILTER PER OCCUPANT	AREA	OCCUPANCY LOAD FACTOR (GROSS)	OCCUPANCY
WAREHOUSE	47836 SF	500	96
TOTAL	47836 SF		96

TRAVEL DISTANCE TO EXITS.
SECOND FLOOR

(FBC / 2023 / CHAPTER-10 / MEANS OF EGRESS / TABLE 1017.2) / SPRINKLERED FFPC NFPA 101 42.8.2.6.1

TRAVEL DISTANCE TO EXITS		
TRAVEL	**ALLOWED**	**PROVIDED**
CORRIDOR TO EXIT No 1	250	243' - 0"
CORRIDOR TO EXIT No 2	250	243' - 0"

EXIT STAIRS 1&2 AND DOORS .
SECOND FLOOR

STAIR No.	(FBC / 20123 / CHAPTER-10 / MEANS OF EGRESS / SECTION 1005.1) EGRESS CAPACITY PROVIDED (WITH SPRINKLER SYSTEM)		
	DOOR WIDTH (0.2) (PERSONS)	**STAIR CLEAR WIDTH**	**STAIR WIDTH (0.3) (PERSONS)**
STAIR 1 TO CORRIDOR	(32") /0.2" = 160	48"	(48") / 0.3" = 160 PERSONS
STAIR 2 TO CORRIDOR	(32") /0.2" = 160	48"	(48") / 0.3" = 160 PERSONS
TOTAL	**320 PERSONS**		**320 PERSONS CAPACITY**

LIFE SAFETY LEGEND

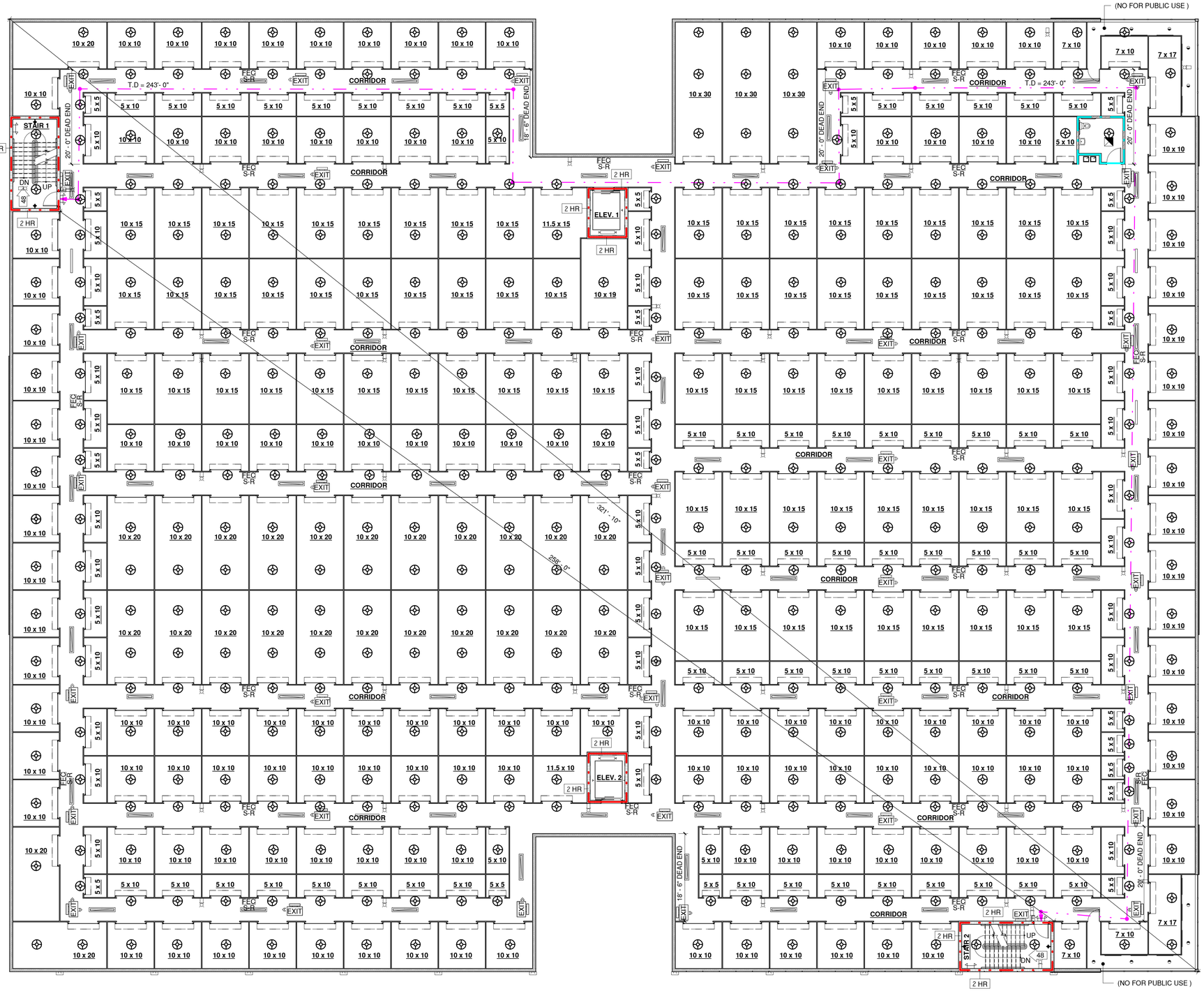
RATED DOORS LEGEND

- (A) = 3 HR
- (B1) = 1 HR
- (B2) = 1-1/2 HR
- (C) = 45 MINUTE
- (D) = 20 MINUTE

- #FT. TRAVEL DISTANCE — TRAVEL DISTANCE / EXIT ACCESS TRAVEL DISTANCE COMMON PATH
- #FT. COMMON PATH — C.P.T. = COMMON PATH OF TRAVEL
- ONE HOUR FIRE RATING PARTITION
- TWO HOURS FIRE RATING WALL
- EXIT — EXIT LIGHT FIXTURE - CEILING MOUNTED (DARKENED AREA INDICATES FACE, ARROW INDICATES DIRECTION OF EGRESS)
- EXIT — WALL MOUNTED EXIT LIGHT FIXTURE
- EMERGENCY LIGHT
- FEC (S-R) — SEMI-RECESS FIRE EXTINGUISHER CABINET
- F — FIRE DEPARTMENT VALVE CABINET
- FIRE ALARM STROBE / FLASHING LIGHT - WALL / CEILING MOUNTED
- SD — SMOKE DETECTOR
- ADDRESSABLE SMOKE DETECTOR
- 150 — EXIT WITH EGRESS CAPACITY (NUMBER OF PERSONS)
- FIRE ALARM SPEAKER / HORN WITH STROBE - WALL MOUNTED
- 4' LED STRIP WITH EMERGENCY BATTERY PACK (HUNG LIGHT FIXTURE)
- LED 2 x 2 TROFFER WITH EMERGENCY BATTERY PACK
- 4" ROUND RECESSES LED DOWNRIGHT WITH EMERGENCY BATTERY PACK
- NEW FIRE SPRINKLER (CONCEPTUAL LOCATION)

GENERAL NOTES:

ALL SPACES SHALL BE PROTECTED WITH AN AUTOMATIC FIRE SPRINKLER SYSTEM.



F.E. CALCULATION:

STORAGE AREA:
FIRE EXTINGUISHER SIZE AND PLACEMENT FOR CLASS "A" HAZARDS
MINIMUM RATED SINGLE EXTINGUISHER: 2-A.
MAXIMUM FLOOR AREA PER UNIT: 3000 SQ.FT.
MAXIMUM FLOOR AREA PER EXTINGUISHER: 11,250 SQ.FT.
MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER: 75'-0"

GROSS SQ FT(TO EDGE OF EXTERIOR CMU WALLS)
47,894 SF SF/3000=16 FIRE EXTINGUISHERS REQUIRED
24 FIRE EXTINGUISHERS PROVIDED.

NOTE ON LEVELS:

UNLESS SPECIFIED, LEVELS ARE SHOWN D.A.T.U.M.

± 0' - 0" D.A.T.U.M. = + 130.00' N.G.V.D.

CONCEPTUAL

FIRE SPRINKLER AND FIRE ALARM HORN SUBMIT SHOP DWG UNDER SEPARATE PERMIT

LIFE SAFETY - SECOND FLOOR

N

3/32" = 1'-0"

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LEOPOLDO BELLON, AIA
(AR-8737)

EGRESS SECOND FLOOR

LSP 1.02

SHEET OF

(NO FOR PUBLIC USE)

OCCUPANCY LOAD PER FLOOR - THIRD FLOOR

FILTER PER OCCUPANT	AREA	OCCUPANCY LOAD FACTOR (GROSS)	OCCUPANCY
WAREHOUSE	49631 SF	500	100
TOTAL	49631 SF		100

TRAVEL DISTANCE TO EXITS - THIRD FLOOR

(FBC / 2023 / CHAPTER-10 / MEANS OF EGRESS / TABLE 1017.2) / SPRINKLERED FFPC NFPA 101 42.8.2.6.1

TRAVEL DISTANCE TO EXITS

STAIR No.	ALLOWED	PROVIDED
CORRIDOR TO EXIT No 1	250	221' - 0"
CORRIDOR TO EXIT No 2	250	221' - 0"

EXIT STAIRS 1&2 AND DOORS - THIRD FLOOR

STAIR No.	(FBC / 2017 / CHAPTER-10 / MEANS OF EGRESS / SECTION 1005.1) EGRESS CAPACITY PROVIDED (WITH SPRINKLER SYSTEM)		
	DOOR WIDTH (0.2) (PERSONS)	STAIR CLEAR WIDTH	STAIR WIDTH (0.3) (PERSONS)
STAIR 1 TO CORRIDOR	(32") /0.2" = 160	48"	(48") / 0.3" = 160 PERSONS
STAIR 2 TO CORRIDOR	(32") /0.2" = 160	48"	(48") / 0.3" = 160 PERSONS
TOTAL	320 PERSONS		320 PERSONS CAPACITY

LIFE SAFETY LEGEND

RATED DOORS LEGEND

- (A) = 3 HR
- (B1) = 1 HR
- (B2) = 1-1/2 HR
- (C) = 45 MINUTE
- (D) = 20 MINUTE

#FT. TRAVEL DISTANCE — TRAVEL DISTANCE / EXIT ACCESS TRAVEL DISTANCE COMMON PATH

#FT. COMMON PATH — C.P.T. = COMMON PATH OF TRAVEL

ONE HOUR FIRE RATING PARTITION

TWO HOURS FIRE RATING WALL

EXIT — EXIT LIGHT FIXTURE - CEILING MOUNTED (DARKENED AREA INDICATES FACE, ARROW INDICATES DIRECTION OF EGRESS)

EXIT — WALL MOUNTED EXIT LIGHT FIXTURE

EMERGENCY LIGHT

FEC (S-R) — SEMI-RECESS FIRE EXTINGUISHER CABINET

F — FIRE DEPARTMENT VALVE CABINET

FIRE ALARM STROBE / FLASHING LIGHT - WALL / CEILING MOUNTED

SD — SMOKE DETECTOR

ADDRESSABLE SMOKE DETECTOR

150 — EXIT WITH EGRESS CAPACITY (NUMBER OF PERSONS)

FIRE ALARM SPEAKER / HORN WITH STROBE - WALL MOUNTED

4' LED STRIP WITH EMERGENCY BATTERY PACK (HUNG LIGHT FIXTURE)

LED 2 x 2 TROFFER WITH EMERGENCY BATTERY PACK

4" ROUND RECESSES LED DOWNRIGHT WITH EMERGENCY BATTERY PACK

NEW FIRE SPRINKLER (CONCEPTUAL LOCATION)

GENERAL NOTES:

ALL SPACES SHALL BE PROTECTED WITH AN AUTOMATIC FIRE SPRINKLER SYSTEM.

F.E. CALCULATION:

STORAGE AREA:
FIRE EXTINGUISHER SIZE AND PLACEMENT FOR CLASS "A" HAZARDS
MINIMUM RATED SINGLE EXTINGUISHER: 2-A.
MAXIMUM FLOOR AREA PER UNIT: 3000 SQ.FT.
MAXIMUM FLOOR AREA PER EXTINGUISHER: 11,250 SQ.FT.
MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER: 75'-0"

GROSS SQ FT(TO EDGE OF EXTERIOR CMU WALLS)
49,668 SF SF/3000=17 FIRE EXTINGUISHERS REQUIRED
26 FIRE EXTINGUISHERS PROVIDED.

NOTE ON LEVELS:

UNLESS SPECIFIED, LEVELS ARE SHOWN D.A.T.U.M.

± 0' - 0" D.A.T.U.M. = + 130.00' N.G.V.D.

CONCEPTUAL

FIRE SPRINKLER AND FIRE ALARM HORN SUBMIT SHOP DWG UNDER SEPARATE PERMIT

LIFE SAFETY - THIRD FLOOR

3/32" = 1'-0"

N

(NO FOR PUBLIC USE)

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PROJECT No.: LB780
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CHECKED BY: LB
DATE: 11 - 11 - 2024

LEOPOLDO BELLON, AIA (AR-8737)

EGRESS THIRD PLAN

LSP 1.03

SHEET OF

CODE ANALYSIS:

BUILDING CODE:

2023 FLORIDA BUILDING CODE, EIGHTH EDITION.

BUILDING DATA:

OCCUPANCY: STORAGE (S-1)(FBC 311.1)
CLASSIFICATION OF HAZARD CONTENT MODERATE - HAZARD STORAGE (FBC 311.2)
MIXED USE: NO
ACCESSORY OCCUPANCIES (FBC 508.2) BUSINESS (B) (FBC 304)

GENERAL BUILDING HEIGHT AND AREA LIMITATIONS (FBC. 503)

CONSTRUCTION TYPE: IIB
BUILDING HEIGHT: 75 FEET
PROVIDED: 37.5 FEET
MAX.# OF STORIES: 3 STY
PROVIDED: 3 STY
MAXIMUM AREA LIMITATION: 292,500SF. (SEE CALC. BASED ON TECT FBC 506)
PROVIDE: 147,426 SF.

LIFE SAFETY SYSTEM:

SPRINKLED: YES.
EMERGENCY LIGHTING AND EXIT SIGN: YES.
FIRE ALARM AND SMOKE DETECTION SYSTEMS: YES.
PANIC HARDWARE: YES. - STAIRS DOOR TO OUTSIDE

CALCULATION:

506.2 ALLOWABLE AREA DETERMINATION.
506.2.3 SINGLE - OCCUPANCY, MULTISTORY BUILDING.

Aa = (At + (NS x IF)) x Sa

WHERE:

Aa = ALLOWABLE AREA (SQUARE FEET)
At = TABULAR ALLOWABLE AREA FACTOR (NS, S13R OR SM VALUE, AS APPLICABLE) IN ACCORDANCE WITH TABLE 506.2.
NS = TABULAR ALLOWABLE AREA FACTOR IN ACCORDANCE WITH TABLE 506.2 FOR A NONSPRINKLERED BUILDING (REGARDLESS OF WHETHER THE BUILDING IS SPRINKLERED)
If = AREA FACTOR INCREASE DUE TO FRONTAGE (PERCENT) AS CALCULATED IN ACCORDANCE WITH SECTION 506.3
Sa = ACTUAL NUMBER OF BUILDING STORIES ABOVE GRADE PLANE. NOT TO EXCEED THREE. FOR BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.2, USE THE ACTUAL NUMBER OF BUILDING STORIES ABOVE GRADE PLANE, NOT TO EXCEED FOUR.

BASED ON CONSTRUCTION **TYPE IIB**

Aa = (78,000 + (26,000 x 0.75)) x 3
Aa = (78,000 + 19,500) x 3
Aa = 97,500 x 3
Aa = 292,500 SF > 147,426 SF OK IIB

FRONTAGE INCREASE. FBC 506.3

AMOUNT OF INCREASE. FBC 506.3.3
PERCENTAGE (%) OF PERIMETER BW 75 TO 100 OPEN SPACE 30 FEET OR GREATER IS 0.75

INTERIOR FINISHES: (FBC 803.9) (NFPA 101 T10.2.2)

SPRINKLERED BUILDING
1. EXIT ENCLOSURE AND EXIT PASSAGEWAYS (EXITS) B
2. CORRIDORS (EXIT ACCESS CORRIDORS) B
3. ROOMS & ENCLOSED SPACES (OTHER SPACES) C

CLASE B: FLAME SPREAD INDEX 76 - 200, SMOKE - DEVELOPED
INDEX 0 - 450 INTERIOR FLOOR FINISH SHALL BE NO LESS THAN NOT LESS THAN CLASS II REQUIREMENTS (FBC 804.4) (NFPA 101 10.2.3.4.3)

CLASE C: FLAME SPREAD INDEX 76 - 200, SMOKE - DEVELOPED
INDEX 0 - 450 INTERIOR FLOOR FINISH SHALL BE NO LESS THAN NOT LESS THAN CLASS II REQUIREMENTS (FBC 804.4) (NFPA 101 10.2.3.4.3)

OCCUPANT LOAD (FBC 1004.1.1)

GROUND FLOOR GROSS AREA:
OFFICE = 646 SQUARE FT
/ 150 GROSS = 5 PEOPLE
STORAGE = 47,092 SQUARE FT
/ 500 GROSS = 94 PEOPLE
ELECT ROOM = 142 SQUARE FT
/ 175 GROSS = 1 PEOPLE

SECOND FLOOR GROSS AREA:
STORAGE = 47,836 SQUARE FT
/ 500 GROSS = 96 PEOPLE

THIRD FLOOR GROSS AREA:
STORAGE = 47,836 SQUARE FT
/ 500 GROSS = 100 PEOPLE

OCCUPANCY FOR EXITING

AS PER SECT. 1004.1 FBC EXITING FROM MULTIPLE LEVELS. WHERE EXITS SERVE MORE THAN ONE FLOOR, ONLY THE OCCUPANT LOAD OF EACH FLOOR CONSIDERED INDIVIDUALLY SHALL BE USED IN COMPUTING THE REQUIRED CAPACITY OF THE EXITS AT THAT FLOOR.

FLOOR STAIRSWAYS (MIN. REQ'D FOR LESS THAN 2000 PERS. 44 IN)

	OCCUPANT LOAD	STAIRWAYS (0.3"/P) (REQ'D / PROV'D)	OTHERS EGRESS COMP (REQ'D - PROV'D)
GROUND FLOOR (OFF & ELECT. ROOM)	5PEOPLE	N / A	2.0" / 36"
GROUND FLOOR (Sto.)	95 PEOPLE	N / A	26"/ 2 = 13" - 36"
SECOND FLOOR	96 PEOPLE	39.9" / 2 = 19.95" - 54"	26.6" / 2 = 13.3" - 36"
THIRD FLOOR	100 PEOPLE	39.9" / 2 = 19.95" - 54"	26.6" / 2 = 13.3" - 36"

COMMON PATH OF TRAVEL = (FBC 1006.2.1)

ALLOWED: 100 FEET
PROVIDED: 30 FEET

MAXIMUM TRAVEL DISTANCE (FBC TABLE 1017.2)

ALLOWED: 250 FEET
PROVIDED: 247 FEET

MAXIMUM DEAD END (FBC 1020.4.1)

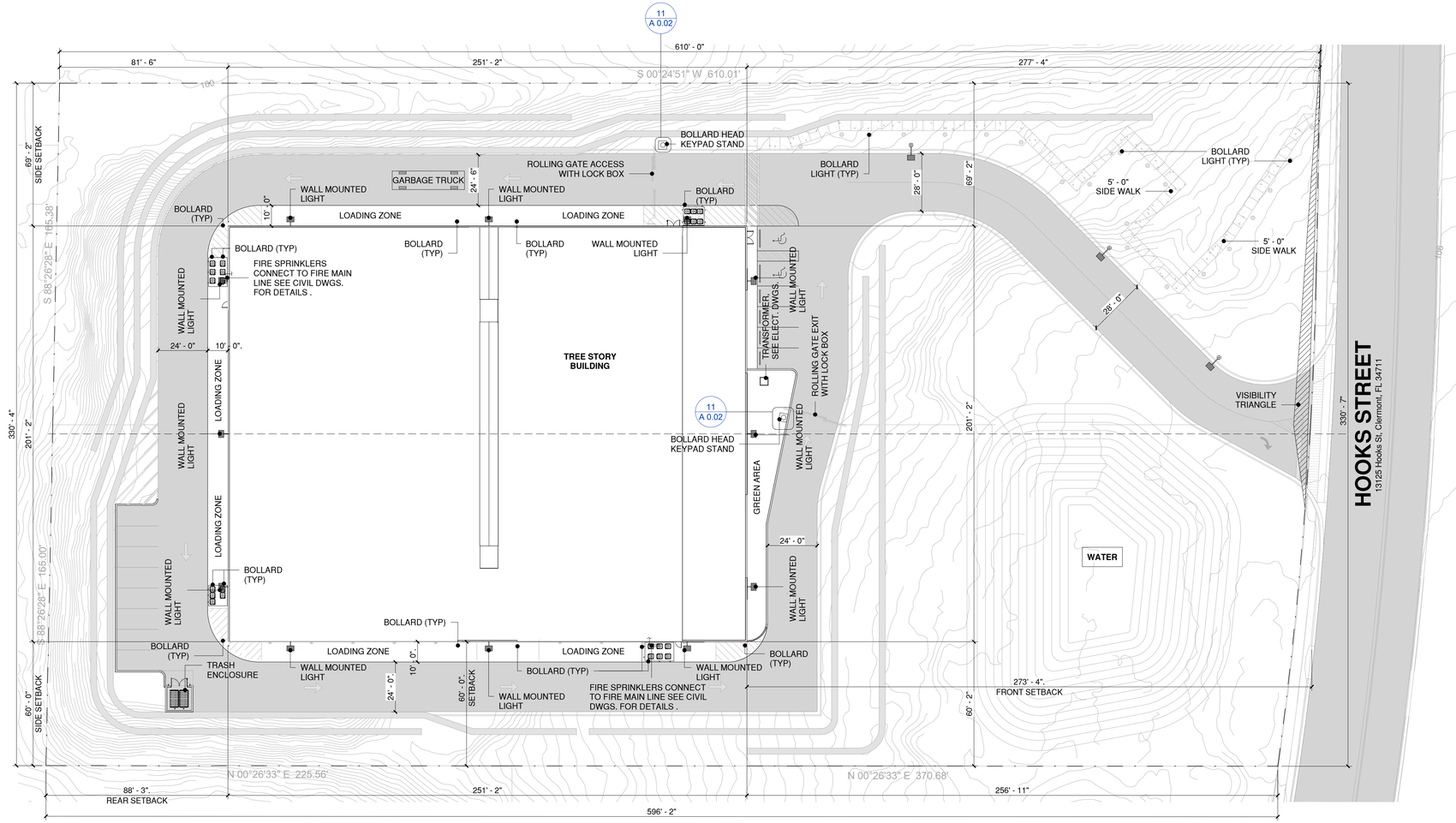
ALLOWED: 50 FEET
PROVIDED: 20 FEET

NUMBER OF EXITS (FBC 1006.3.2(2))

OFFICE = SINGLE EXITS PROV'D = LESS THAN 49 OCC. & LESS THAN 75' TRAVEL DISTANCE
STORAGE = 2 EXITS REQUIRED / 2 EXITS PROVIDED

CORRIDOR WIDTH (FBC 1020.2)

REQUIRED: 44 IN. (MIN.)
PROVIDED: 58 IN.



SITE PLAN

1" = 30'-0"

ZONING LEGEND

ZONING CLASIFICATION		
C-2 GENERAL COMMERCIAL		
		PROPOSED USE
VACANT COMMERCIAL		WAREOUSE FOR STORAGE
	SITE REQUIREMENTS	
	ALLOWED / REQUIRED	PROPOSED
LOT AREA		200,509 SQ. FT. (100 %)
PROPOSED BUILDING AREA		50,530 SQ. FT.
LANDSCAPED/ OPEN SPACES	40,101.8 SQ. FT. (20 %)	149,979 SQ. FT
BUILDING AREAS		
OFFICE / SHOWROOM		629 SQ. FT.
STORAGE		146,797 SQ. FT
TOTAL AREA		**147,426 SQ. FT**
BUILDING SETBACK	DIVISION 11, SEC.125-339 SETBACK REQUIREMENTS	
	ALLOWED / REQUIRED	PROPOSED
FRONT (HOOKS STREET)	50' - 0"	273' - 4"
INTERIOR SIDE (EAST)	12' - 0"	69' - 2"
INTERIOR SIDE (WEST)	12' - 0"	60' - 0"
REAR (PUD)	25' - 0"	88' - 3"
IMPERVOUS SURFACE COVERAGE	80%	
BUILDING HEIGHT	DIVISION -11, SEC.125-338 LOT HEIGHT REQUIREMENTS	
	55' - 0"	38' - 2"
PARKING CALCULATIONS	CHAPTER 115- SEC.115-14	
(0.5) PARKING SP / ea.1,000 S.F.	25 SPACES	14
OFFICE / SHOWROOM		629 SQ. FT.
STORAGE		146,797 SQ. FT
HANDICAPPED SPACES	1 SPACES	2 SPACES

NOTE ON LEVELS:

UNLESS SPECIFIED, LEVELS ARE SHOWN D.A.T.U.M.

± 0' - 0" D.A.T.U.M. = + 130.00' N.G.V.D.

LEGAL DESCRIPTION:

LEGAL DESCRIPTION (AS PROVIDED):

WEST 1/4 OF TRACT 26 IN SECTION 29, TOWNSHIPE 22 SOUTH, RANGE 26 EAST, LAKE HIGHLANDS COMPANY, AS REPRESENTED ON THE MAP THEREOF DULY FILED AND RECORDED IN THE PUBLIC RECORDS OF LAKE COUNTY, FLORIDA.

LESS - ADDITIONAL RIGHT OF WAY DESCRIPTION:

COMMENCING FROM THE SOUTHWEST CORNER OF THE NORTHWEST QUARTER OF SECTION 29, RUN SOUTH 88°26'37" EAST, 661.52 FEET, THENCE RUN NORTH 00°26'43" EAST 15.00 FEET TO THE NORTH RIGHT OF WAY LINE OF HOOKS STREET FOR THE POINT OF BEGINNING; CONTINUE NORTH 00°26'43" EAST 48.76 FEET TO A POINT ON A CURVE CONCAVE TO THE NORTH, HAVING A RADIUS OF 2033.00 FEET, THENCE EASTERLY 166.10 FEET ALONG THE ARC OF SAID CURVE, THRU A CENTRAL ANGLE OF 04°40'53", HAVING A CHORD BEARING OF SOUTH 84°06'31" EAST AND A CHORD DISTANCE OF 166.06 FEET, THENCE RUN SOUTH 00°25'46" WEST, 36.21 FEET TO SAID NORTH LINE OF HOOKS STREET, THENCE RUN NORTH 88°26'37" WEST, 165.35 FEET ALONG SAID NORTH LINE TO THE POINT OF BEGINNING FOR ADDITIONAL ROAD RIGHT OF WAY.

AERIAL VIEW MAP

N.T.S

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PROJECT No.: LB780
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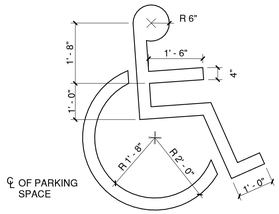
DATE: 11 - 11 - 2024

LEOPOLDO BELLON, AIA
(AR-8737)

SITE PLAN

A 0.01

SHEET OF



PAVEMENT LOGO PER FDOT INDEX No. 17346. SIZE 3 OR 5 FEET IN HEIGHT AND WHITE IN COLOR

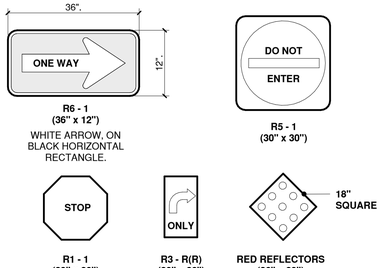
TYPICAL HANDICAP SYMBOL

1 / A 0.02 **SCALE:** N.T.S

FTP-20-06
2" RADII 3/8" BORDER
1" SERIES C LEGEND
COLOR | TOP | BOTTOM
BACKGROUND | BLUE | WHITE
LEGEND AND BORDER | WHITE | BLACK

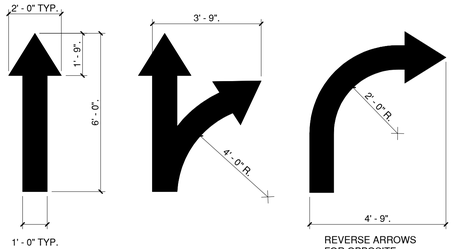
HANDICAP SIGN DETAIL @ PARKING GARAGE

2 / A 0.02 **SCALE:** N.T.S



TYPICAL TRAFFIC SIGNS

3 / A 0.02 **SCALE:** N.T.S

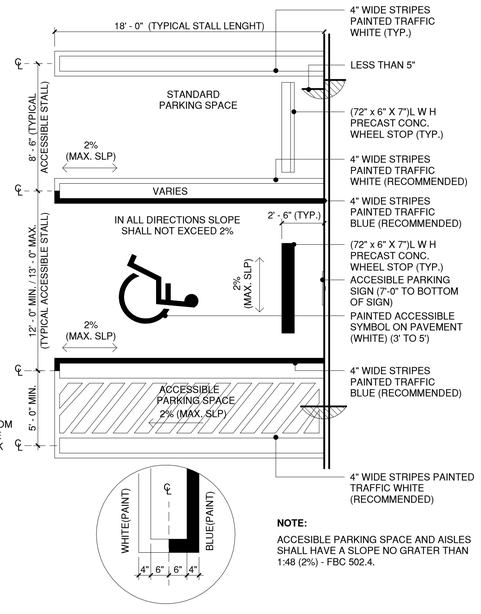


NOTES :

ALL PAVEMENT MARKING SHALL BE REFLECTORIZED THERMOPLASTIC, EXCEPT FOR PARKING STALL LINES WICH AREA PERMITTED TO BE FDOT APPROVED PAINT. ALL REGULATORY SIGNS SHALL BE MADE OF HIGH INTENSITY REFLECTIVE MATERIALS (3M DIAMOND GRADE OR EQUIVALENT) AND SHALL CONFORM TO THE USDOT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND BROWARD COUNTY TRAFFIC ENGINEERING STANDARDS.

TYPICAL DIRECTIONAL ARROWS DETAILS

4 / A 0.02 **SCALE:** N.T.S



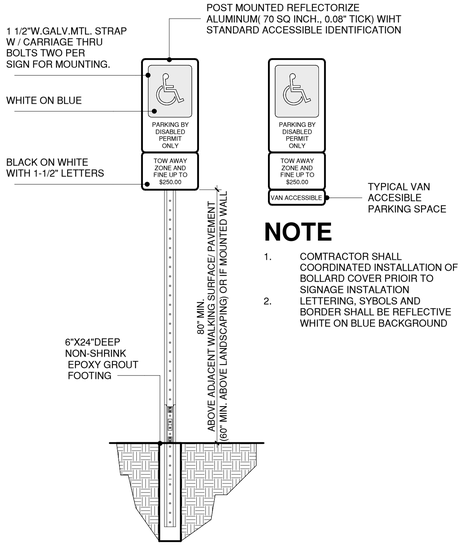
4" WIDE STRIPES PAINTED TRAFFIC WHITE (RECOMMENDED)

NOTE:

ACCESIBLE PARKING SPACE AND AISLES SHALL HAVE A SLOPE NO GRATER THAN 1:48 (2%) - FBC 502.4.

TYPICAL PARKING STALLS

5 / A 0.02 **SCALE:** N.T.S

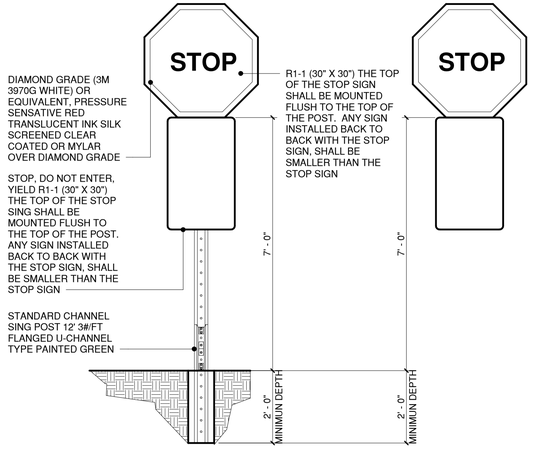


NOTE

1. COMTRACTOR SHALL COORDINATED INSTALLATION OF BOLLARD COVER PRIOIR TO SIGNAGE INSTALATION
2. LETTERING, SYBOLS AND BORDER SHALL BE REFLECTIVE WHITE ON BLUE BACKGROUND

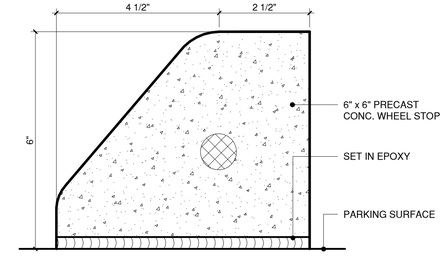
HANDICAP PARKING SIGN

7 / A 0.02 **SCALE:** N.T.S



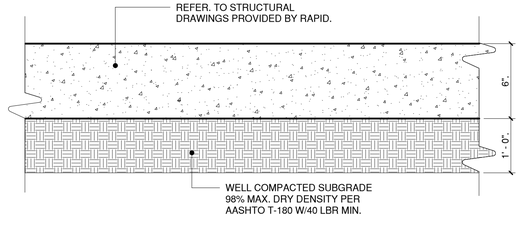
TYPICAL STOP SIGN

9 / A 0.02 **SCALE:** N.T.S



PRECAST CONCRETE WHEEL STOP

6 / A 0.02 **SCALE:** N.T.S

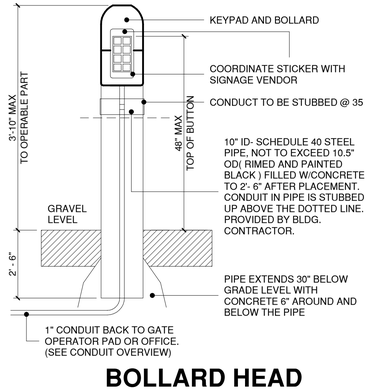


TYPICAL CONCRETE PAVEMENT DETAIL

10 / A 0.02 **SCALE:** N.T.S

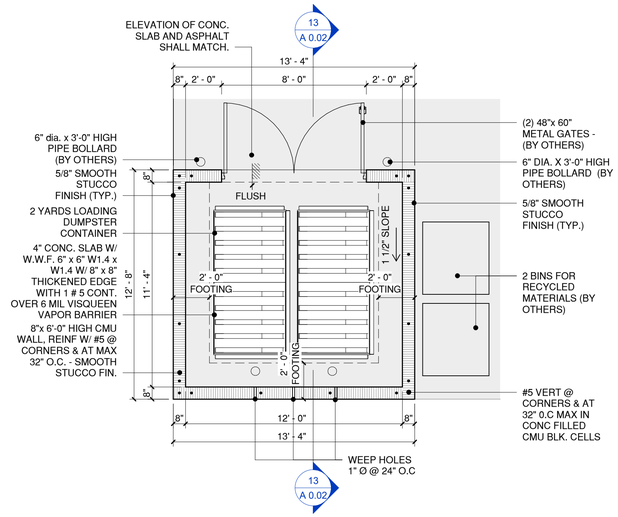
NOTE:

1. CONCRETE MASONRY UNITS SHALL COMPLY WITH THE PROVISIONS OF THE STANDARD SPECIFICATION FOR DESIGN AND CONSTRUCTION OF LOAD BEARING CONCRETE MASONRY, NCMA TR-75B AND ACI 530.1.
2. HOLLOW MASONRY UNITS SHALL CONFORM TO ASTM C-90, TYPE-1, "STANDARD SPECIFICATIONS FOR HOLLOW LOAD BEARING CONCRETE MASONRY UNITS"
3. MORTAR SHALL CONFORM TO ASTMC-270, TYPE 'M' WITH A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 2500 PSI.
4. HORIZONTAL JOINT REINFORCING SHALL BE STANDARD NO. 9 LADDER TYPE FOR 8" THICK MASONRY UNITS, AS MANUFACTURED BY "DUR-O-WAL", HOT DIPPED GALVANIZED, OR ENGINEER APPROVED EQUAL PLACED AT EVERY 2ND BLOCK COURSE (16" VERTICALLY) FOR ALL INTERIOR AND EXTERIOR WALLS. THE JOINT REINFORCING SHALL EXTEND 8" INTO ADJACENT COLUMNS.
5. WHENEVER ANCHOR BOLTS ARE TO BE SET IN MASONRY, TWO CELLS AT THE SETTING LOCATION SHALL BE FILLED WITH CONCRETE.
6. MAXIMUM POUR LIFT FOR MASONRY UNITS AND GROUT POUR HEIGHT SHALL BE 4'-0". 7. SLUMP 9" + 1" FOR GROUT
7. REFER TO ADDITIONAL REINFORCING NOTES ON FLOOR PLANS.
8. COMPRESSIVE STRENGTH OF UNIT MASONRY SHALL BE MIN. OF 1900 PSI RESULTING IN f'm = 1500 PSI
9. 10. COMPRESSIVE STRENGTH OF GROUT SHALL BE 3,000 PSI @ 28 DAYS



BOLLARD HEAD KEYPAD STAND

11 / A 0.02 **SCALE:** N.T.S



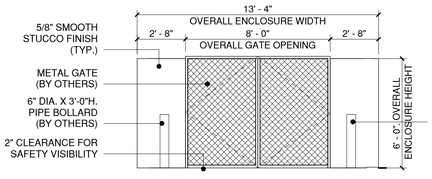
DUMPSTER FLOOR PLAN

12 / A 0.02 **SCALE:** 1/4" = 1'-0"

NOTE: NO ELECTRICITY CONNECTED TO STRUCTURE. FBC 107

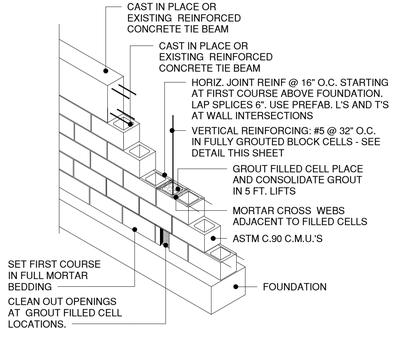
SECTION

13 / A 0.02 **SCALE:** 1/4" = 1'-0"



FRONT ELEVATION

14 / A 0.02 **SCALE:** 1/4" = 1'-0"



DUMPSTER TYPICAL MASONRY WALL CONTRUCTION ISOMETRIC

15 / A 0.02 **SCALE:** N.T.S

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MANAGEMENT

CONSULTANTS

HOOK STREET SELF STORAGE AT:

13125 HOOKS STREET, CLERMONT, FL, 34711

MARK	DATE	DESCRIPT
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PROJECT No.: LB780
DRAWN BY: FM, YP, AP
CHECKED BY: LB
DATE: 11 - 11 - 2024

LEOPOLDO BELLON, AIA (AR-8737)

SITE PLAN DETAILS

A 0.02

SHEET OF

LEGEND:

CONCRETE MASONRY LEGEND:

8" BLOCK MASONRY WALL, 2-HR FIRE-RATED.
SEE SHEET G 2.01 WALL TYPES

PARTITION LEGEND:

INTERIOR PARTITION 3 - 6/8" W /5/8" GYPSUM BOARD

1-HOUR FIRE RATED PARTITION 3-5/8" OR 6 " WIDE METAL STUDS @ 24" O.C. ATTACHED TO BOTTOM & TOP METAL TRACKS WITH 5/8" TYPE 'X' GYPSUM BOARD ATTACHED TO EACH SIDE OF STUDS. SEE WALL TYPES ON SHEET G 2.01

2-HOUR FIRE RATED PARTITION 3-5/8" OR 6" WIDE METAL STUDS @ 16" O.C. ATTACHED TO BOTTOM & TOP METAL TRACKS WITH TWO LAYERS OF 5/8" TYPE 'X' GWB AT EACH SIDE OF STUDS. SEE WALL TYPES ON SHEET G 2.01

METAL PANEL, (SUBMIT SHOP DRAWINGS FOR ARCHITECT APPROVAL)

SYMBOLS:

(#) DOOR TYPE (SEE SHEET A 7.01)

[X] WALL TYPE (SEE SHEET A 1.05)

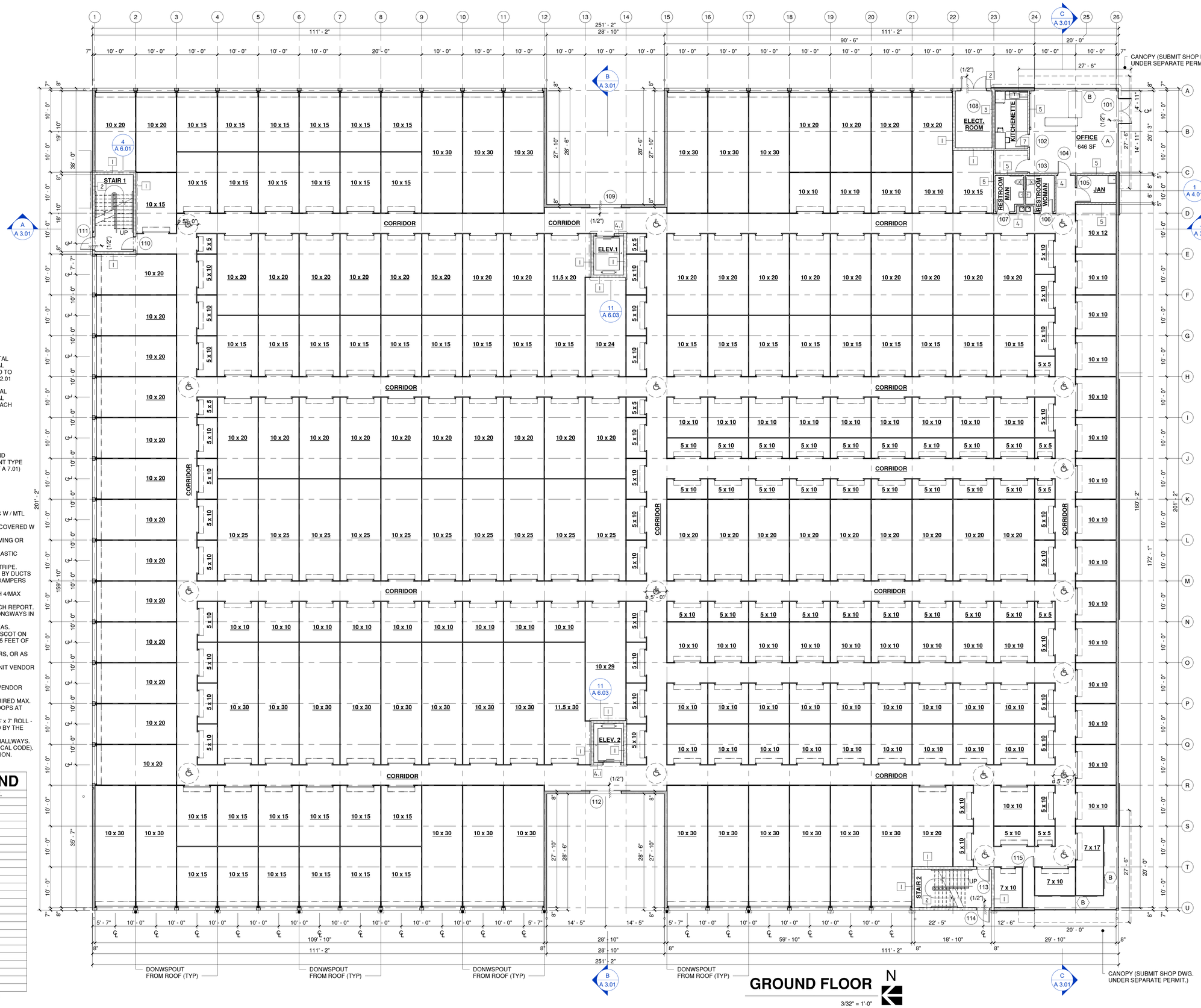
(X) WINDOW AND STOREFRONT TYPE (SEE SHEET A 7.01)

NOTES:

1. SEE G 2.01 FOR WALL TYPES AND G 2.02 FOR PARTITION TYPES.
2. WRAP ALL STRUCTURAL STL COLUMNS EXPOSED TO THE PUBLIC W / MTL LINER PANELS.
3. ALL DRYWALL WITHIN STORAGE UNIT AND CORRIDOR SHALL BE COVERED W / MTL PARTITION PANELS.
4. ALL SHARP / UNFINISHED EDGES SHALL BE PROTECTED BY HEMMING OR PROTECTIVE COVERS.
5. ALL EXPOSED SCREW TIPS SHALL BE COVERED W / "MOCAPS" PLASTIC PROTECTION.
6. EXT. BOLLARDS SHALL BE PAINTED YELLOW WITH REFLECTED STRIPE.
7. PROTECT SHAFT ENCLOSURES (PERMITTED TO BE PENETRATED BY DUCTS AND AIR TRANSFER OPENING) W / APPROVED FIRE AND SMOKE DAMPERS AS REQUIRED.
8. GC TO PROVIDE A RECESSED FIRE EXTINGUISHER CABINET WITH 4/MAX PROJECTION SEE EXIT PLAN FOR LOCATIONS.
9. MINIMUM 6 MIL VAPOR BARRIER UNDER SLAB TYP. SEE GEO - TECH REPORT.
10. LOCATE ALL CONTROL JOINTS IN ST'G UNIT. JOINTS WILL RUM LONGWAYS IN THE CORRIDORS. SEE STRUCT. DWGS FOR SPACING.
11. 10' - 0" ST'G PARTITIONS BY ST'G UNIT VENDORS AT DISPLAY AREAS.
12. ELEVATOR LOBBY SHALL HAVE A 48" HIGH DIAMOND PLATE WAINSCOT ON ALL INTERIOR SURFACES. WAINSCOT SHALL CONTINUE WITHIN 25 FEET OF ELEVATOR DOORS.
13. USE ROLL - UP DOORS WHERE DOOR OPENING CONFLICT OCCURS, OR AS MAY BE REQ'D BY JURISDICTIONAL REQMNT'S.
14. PRE - FIN. GLOSSY PS ORANGE MTL ROLL - UP DOORS BT ST'G UNIT VENDOR (TYP).
15. 8' - 4" ST'G UNIT PARTITIONS BY ST-G UNIT VENDORS (TYP).
16. PRE - FIN. GLOSSY PS ORANGE MTL SWING DOOR BY ST'G UNIT VENDOR (TYP).
17. FOR ADA ACCESIBLE STORAGE UNIT, ROLL - UP DOORS TO REQUIRED MAX. 5 LBS OF FORCE TO OPEN AND HAVE PULL - DOWN ROPES W / LOOPS AT ENDS A MAX. OF 48" A.F.F. DOOR IS FULLY WHEN OPEN.
18. FOR UNITS 10' WIDE BUT ONLY 5' DEEP THE DOOR SHALL BE AN 8' x 7' ROLL - UP, USE UP DOORS WHERE CONFLICT OCCURS OR AS DIRECTED BY THE JURISDICTIONAL ROLL - REQUIREMENTS.
19. SPRINKLER LINES / MAINS SHOULD AVOID RUNNING DOWN THE HALLWAYS.
20. SPRINKLER LINES TO BE PAINTED RED (WHERE REQUIRED BY LOCAL CODE).
21. REFER TO LIFE SAFATY PLANS FOR FIRE EXTINGUISHERS LOCATION.

AREA BREAKDOWN GROUND

STORAGE TYPE	AREA	QTY.
5 x 5	25	9
5 x 10	50	62
7 x 10	70	2
7 x 17	119	1
10 x 10	100	64
10 x 12	120	1
10 x 15	150	44
10 x 20	200	56
10 x 24	245	1
10 x 25	250	10
10 x 29	295	1
10 x 30	300	25
11.5 x 20	230	1
11.5 x 30	345	1
CORRIDOR	7645	1
CORRIDOR (NO FOR PUBLIC USE)	164	1
ELECT. ROOM	142	1
ELEV.1	82	1
ELEV. 2	82	1
JAN	72	1
OFFICE	629	1
RESTROOM MAN	65	1
RESTROOM WOMAN	65	1
STAIR 1	201	1
STAIR 2	201	1
TOTAL		289



GROUND FLOOR

3/32" = 1'-0"

N

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PROJECT No.: LB780

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DATE: 11 - 11 - 2024

LEOPOLDO BELLON, AIA (AR-8737)

GROUND FLOOR PLAN

A 1.01

SHEET OF

LEGEND:

CONCRETE MASONRY LEGEND:

8" BLOCK MASONRY WALL, 2-HR FIRE-RATED.
SEE SHEET G 2.01 WALL TYPES

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INTERIOR PARTITION 3 - 6/8" W /5/8" GYPSUM BOARD

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METAL PANEL, (SUBMIT SHOP DRAWINGS FOR ARCHITECT APPROVAL)

SYMBOLS:

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[X] WALL TYPE (SEE SHEET A 1.05)

(X) WINDOW AND STOREFRONT TYPE (SEE SHEET A 7.01)

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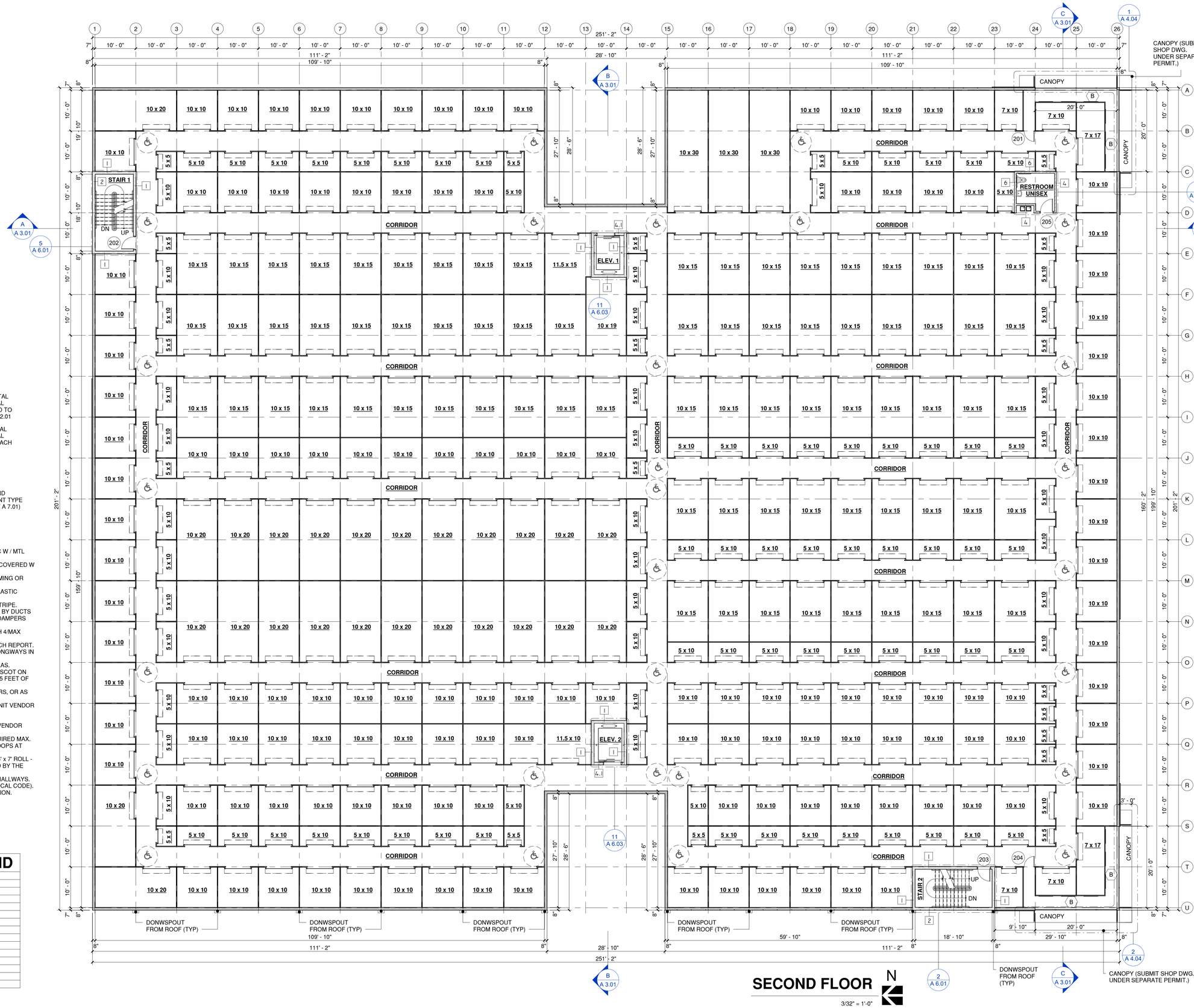
AREA BREAKDOWN SECOND

STORAGE TYPE	AREA	QTY.
5 x 5	25	20
5 x 10	50	92
7 x 10	70	4
7 x 17	119	2
10 x 10	100	136
10 x 15	150	75
10 x 19	190	1
10 x 20	200	25
10 x 30	300	3
11.5 x 10	115	1
11.5 x 15	172.5	1
CORRIDOR	10544	1
CORRIDOR (NO FOR PUBLIC USE)	164	2
RESTROOM UNISEX	86	1
TOTAL		364



SECOND FLOOR

3/32" = 1'-0"

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HOOK STREET SELF STORAGE AT:

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PROJECT No.: LB780

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CHECKED BY: LB

DATE: 11 - 11 - 2024

LEOPOLDO BELLON, AIA (AR-8737)

SECOND FLOOR PLAN

A 1.02

SHEET OF

LEGEND:

CONCRETE MASONRY LEGEND:

8" BLOCK MASONRY WALL, 2-HR FIRE-RATED.
SEE SHEET G 2.01 WALL TYPES

PARTITION LEGEND:

INTERIOR PARTITION 3 - 6/8" W /5/8" GYPSUM BOARD

1-HOUR FIRE RATED PARTITION 3-5/8" OR 6 " WIDE METAL STUDS @ 24" O.C. ATTACHED TO BOTTOM & TOP METAL TRACKS WITH 5/8" TYPE 'X' GYPSUM BOARD ATTACHED TO EACH SIDE OF STUDS. SEE WALL TYPES ON SHEET G 2.01

2-HOUR FIRE RATED PARTITION 3-5/8" OR 6" WIDE METAL STUDS @ 16" O.C. ATTACHED TO BOTTOM & TOP METAL TRACKS WITH TWO LAYERS OF 5/8" TYPE 'X' GWB AT EACH SIDE OF STUDS. SEE WALL TYPES ON SHEET G 2.01

METAL PANEL, (SUBMIT SHOP DRAWINGS FOR ARCHITECT APPROVAL)

SYMBOLS:

(#) DOOR TYPE (SEE SHEET A 7.01)

[X] WALL TYPE (SEE SHEET A 1.05)

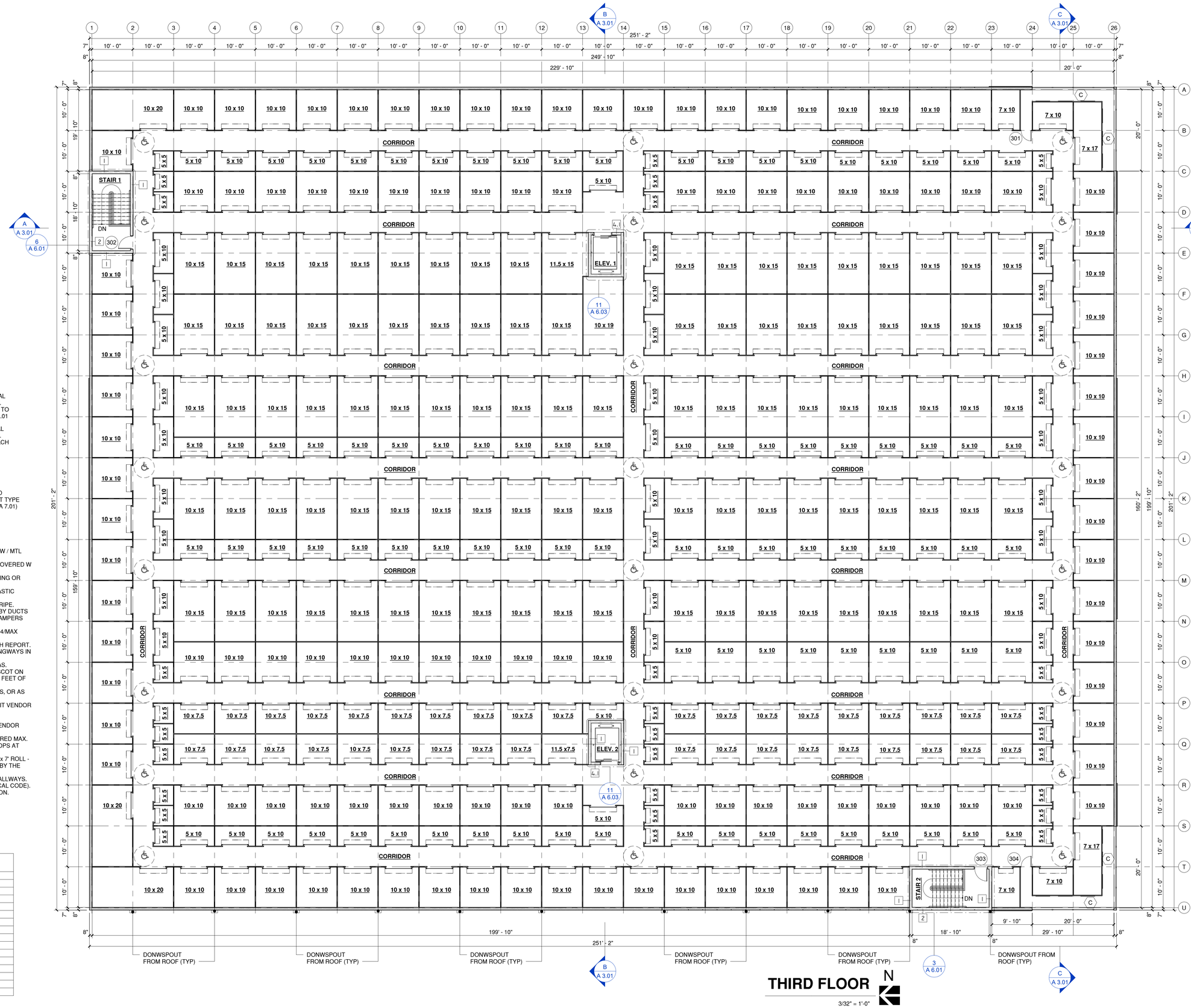
(X) WINDOW AND STOREFRONT TYPE (SEE SHEET A 7.01)

NOTES:

1. SEE G 2.01 FOR WALL TYPES AND G 2.02 FOR PARTITION TYPES.
2. WRAP ALL STRUCTURAL STL COLUMNS EXPOSED TO THE PUBLIC W / MTL LINER PANELS.
3. ALL DRYWALL WITHIN STORAGE UNIT AND CORRIDOR SHALL BE COVERED W / MTL PARTITION PANELS.
4. ALL SHARP / UNFINISHED EDGES SHALL BE PROTECTED BY HEMMING OR PROTECTIVE COVERS.
5. ALL EXPOSED SCREW TIPS SHALL BE COVERED W / "MOCAPS" PLASTIC PROTECTION.
6. EXT. BOLLARDS SHALL BE PAINTED YELLOW WITH REFLECTED STRIPE.
7. PROTECT SHAFT ENCLOSURES (PERMITTED TO BE PENETRATED BY DUCTS AND AIR TRANSFER OPENING) W / APPROVED FIRE AND SMOKE DAMPERS AS REQUIRED.
8. GC TO PROVIDE A RECESSED FIRE EXTINGUISHER CABINET WITH 4/MAX PROJECTION SEE EXIT PLAN FOR LOCATIONS.
9. MINIMUM 6 MIL VAPOR BARRIER UNDER SLAB TYP. SEE GEO - TECH REPORT.
10. LOCATE ALL CONTROL JOINTS IN ST'G UNIT. JOINTS WILL RUM LONGWAYS IN THE CORRIDORS. SEE STRUCT. DWGS FOR SPACING.
11. 10' - 0" ST'G PARTITIONS BY ST'G UNIT VENDORS AT DISPLAY AREAS.
12. ELEVATOR LOBBY SHALL HAVE A 48" HIGH DIAMOND PLATE WAINSCOT ON ALL INTERIOR SURFACES. WAINSCOT SHALL CONTINUE WITHIN 25 FEET OF ELEVATOR DOORS.
13. USE ROLL - UP DOORS WHERE DOOR OPENING CONFLICT OCCURS, OR AS MAY BE REQ'D BY JURISDICTIONAL REQMNT'S.
14. PRE - FIN. GLOSSY PS ORANGE MTL ROLL - UP DOORS BT ST'G UNIT VENDOR (TYP).
15. 8' - 4" ST'G UNIT PARTITIONS BY ST'G UNIT VENDORS (TYP).
16. PRE - FIN. GLOSSY PS ORANGE MTL SWING DOOR BY ST'G UNIT VENDOR (TYP).
17. FOR ADA ACCESIBLE STORAGE UNIT, ROLL - UP DOORS TO REQUIRED MAX. 5 LBS OF FORCE TO OPEN AND HAVE PULL - DOWN ROPES W / LOOPS AT ENDS A MAX. OF 48" A.F.F. DOOR IS FULLY WHEN OPEN.
18. FOR UNITS 10' WIDE BUT ONLY 5' DEEP THE DOOR SHALL BE AN 8' x 7' ROLL - UP. USE UP DOORS WHERE CONFLICT OCCURS OR AS DIRECTED BY THE JURISDICTIONAL ROLL - REQUIREMENTS.
19. SPRINKLER LINES / MAINS SHOULD AVOID RUNNING DOWN THE HALLWAYS.
20. SPRINKLER LINES TO BE PAINTED RED (WHERE REQUIRED BY LOCAL CODE).
21. REFER TO LIFE SAFATY PLANS FOR FIRE EXTINGUISHERS LOCATION.

AREA BREAKDOWN THIRD

STORAGE TYPE	AREA	QTY.
5 x 5	25	28
5 x 10	50	120
7 x 10	70	4
7 x 17	119	2
10 x 7.5	75	37
10 x 10	100	117
10 x 15	150	97
10 x 19	190	1
10 x 20	200	3
11.5 x7.5	115	1
11.5 x 15	172.5	1
CORRIDOR	11418	1
CORRIDOR (NO FOR PUBLIC USE)	164	2
STAIR 1	201	1
STAIR 2	201	1
TOTAL		416



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LEOPOLDO BELLON, AIA (AR-8737)

THIRD FLOOR PLAN

A 1.03

SHEET OF

TABLE 1106.2 STORM DRAIN PIPE SIZING

PIPE SIZE (inches)	CAPACITY (gpm)				
	VERTICAL DRAIN	SLOPE OF HORIZONTAL DRAIN			
		1/16 INCH PER FOOT	1/8 INCH PER FOOT	1/4 INCH PER FOOT	1/2 INCH PER FOOT
2	34	15	22	31	44
3	87	39	55	79	111
4	180	81	115	163	231
5	311	117	165	234	331
6	538	243	344	487	689
8	1117	505	714	1010	1429
10	2050	927	1311	1855	2623
12	3272	1480	2093	2960	4187
15	5543	2508	3546	5016	7093

For SI: inch = 25.4 mm, 1 foot = 304.8 mm, 1 gallon per minute = 3.785 L/m.

TABLE 1106.3 VERTICAL LEADER SIZING

SIZE LEADER (inches)	CAPACITY (gpm)
2	30
2x2	30
1 1/2 x 2 1/2	30
2 1/2	54
2 1/2 x 2 1/2	54
3	92
2 x 4	92
2 1/2 x 3	92
4	192
3 x 4 1/4	192
3 1/2 x 4	192
5	360
4 x 5	360
4 1/2 x 4 1 /2	360
6	563
5 x 6	563
5 1/2 x 5 1/2	563
8	1208
6 x 8	1208

For SI: 1 inch = 25.4 mm, 1 gallon per minute = 3.785 L/m

ROOF AREAS:

GPM= 5 x (AREA 1 x 0.0104, FBC P 1106.2.1
GPM= 5 x (4235.65 SQ. FT. x 0.0104)
GPM=220.25

GPM= 5 x (AREA 2 x 0.0104, FBC P 1106.2.1
GPM= 5 x (4018.43 SQ. FT. x 0.0104)
GPM=208.96

GPM= 5 x (AREA 3 x 0.0104, FBC P 1106.2.1
GPM= 5 x (4018.43 SQ. FT. x 0.0104)
GPM=208.96

GPM= 5 x (AREA 4 x 0.0104, FBC P 1106.2.1
GPM= 5 x (4018.43 SQ. FT. x 0.0104)
GPM=208.96

GPM= 5 x (AREA 5 x 0.0104, FBC P 1106.2.1
GPM= 5 x (4018.43 SQ. FT. x 0.0104)
GPM=208.96

GPM= 5 x (AREA 6 x 0.0104, FBC P 1106.2.1
GPM= 5 x (5276.91 SQ. FT. x 0.0104)
GPM=274.40

GPM= 5 x (AREA 7 x 0.0104, FBC P 1106.2.1
GPM= 5 x (5028.91 SQ. FT. x 0.0104)
GPM=261.50

GPM= 5 x (AREA 8 x 0.0104, FBC P 1106.2.1
GPM= 5 x (4018.43 SQ. FT. x 0.0104)
GPM=208.96

GPM= 5 x (AREA 9 x 0.0104, FBC P 1106.2.1
GPM= 5 x (4018.43 SQ. FT. x 0.0104)
GPM=208.96

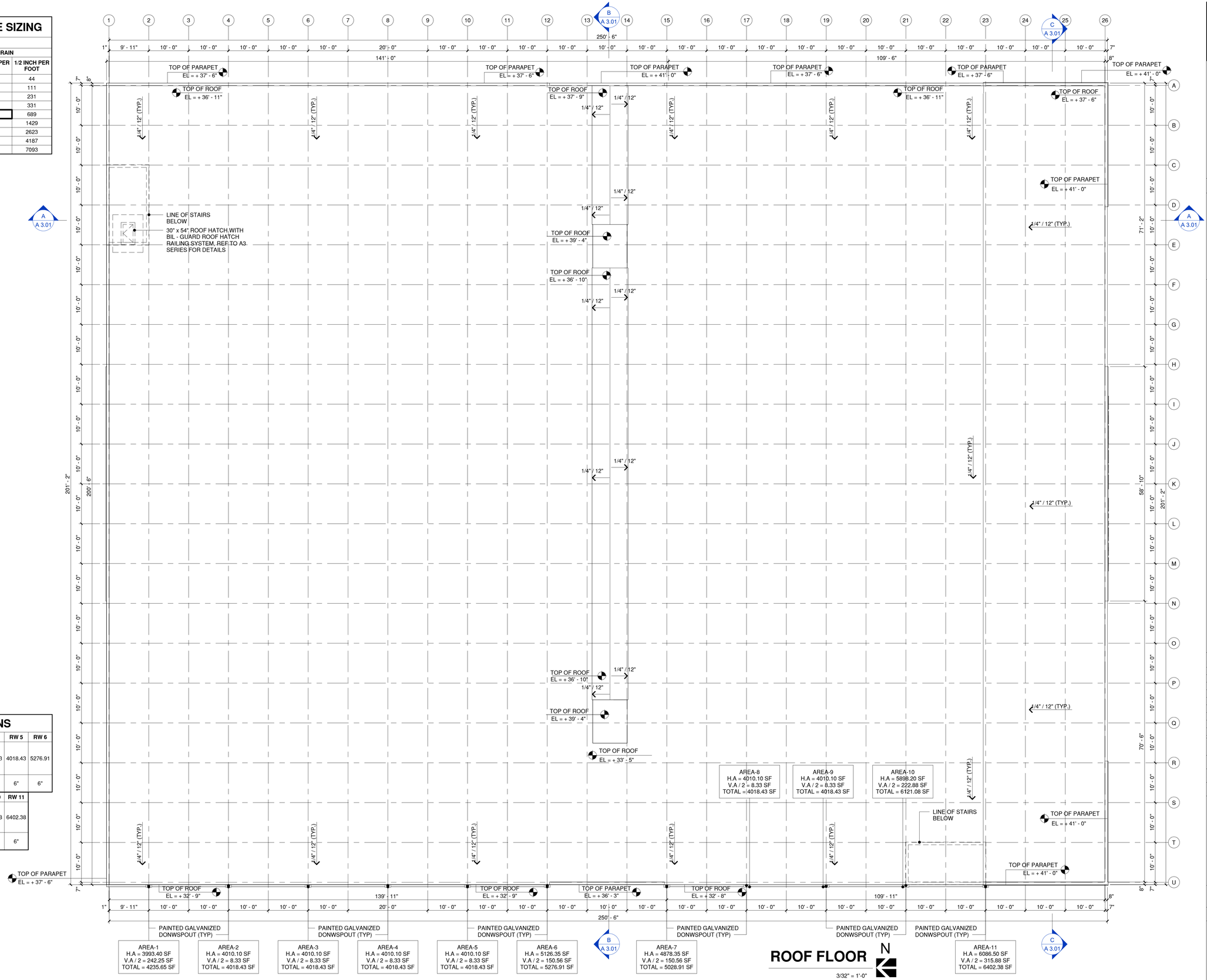
GPM= 5 x (AREA 10 x 0.0104, FBC P 1106.2.1
GPM= 5 x (6121.08 SQ. FT. x 0.0104)
GPM=318.30

GPM= 5 x (AREA 11 x 0.0104, FBC P 1106.2.1
GPM= 5 x (6402.38 SQ. FT. x 0.0104)
GPM=332.92

ROOF DRAIN CALCULATIONS

	RW 1	RW 2	RW 3	RW 4	RW 5	RW 6
ROOF AREA (SF. FT.) INCLUDING 1/2 THE AREA OF VERTICALL WALLS THAT DIVERT WATER TO THE DOOF	4235.65	4018.43	4018.43	4018.43	4018.43	5276.91
SIZE OF RAIN WATER LEADER * AND SECONDARY DRAIN	6"	6"	6"	6"	6"	6"

	RW 7	RW 8	RW 9	RW 10	RW 11
ROOF AREA (SF. FT.) INCLUDING 1/2 THE AREA OF VERTICALL WALLS THAT DIVERT WATER TO THE DOOF	5028.91	4018.43	4018.43	6121.08	6402.38
SIZE OF RAIN WATER LEADER * AND SECONDARY DRAIN	6"	6"	6"	6"	6"



ROOF FLOOR

3/32" = 1'-0"

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DATE: 11 - 11 - 2024

LEOPOLDO BELLON, AIA
(AR-8737)

ROOF FLOOR PLAN

A 1.04

SHEET OF

WALLS AND PARTITIONS SCOPE OF WORK:

ALL WORK SHALL BE PERFORMED IN A PROFESSIONAL, WORKMANLIKE MANNER AND INCLUDE, BUT NOT LIMITED TO, THE FOLLOWING OUTLINE OF WORK:

PROVIDE ALL SCAFFOLDING, BRACING, SUPPORTS, ETC.

ALL FRAMING AND LAYOUT FOR FRAMING ARE INCLUDED.

1. INTERIOR METAL STUD WALLS:

A. INTERIOR WALLS 3-5/8" 25 GA. METAL STUDS @ 24" O/C.
CORRIDOR WALLS 3-5/8" 25 GA. METAL STUDS @ 24" O/C.
PLUMBING WALLS 6" 25 GA. METAL STUDS @ 24" O/C.
AT WALLS SUPPORTING PLUMBING FIXTURE AND KITCHEN CABINETS THE METAL STUD SHALL BE 20 G.A. @ 16" O/C.
DROP CEILINGS 1-5/8" 25 GA. METAL STUDS @ 24" O/C.
CHASE WALLS INCLUDED AS PER PLANS AND SPECIFICATIONS
SHEAR WALLS 1-5/8" 25 GA. METAL STUDS @ 24' O/C.
PARTY WALLS BETWEEN UNITS TWO ROW 0F 1-5/8" 25 G.A. METAL STUDS @ 24 O/C (STAGGERED)

B. PROVIDE ALL ANCHORING AS REQUIRED.

C. PROVIDE AND INSTALL 2 X 4 OR ROUGH WOOD BUCKS @ JAMBS OF ALL PRE-HUNG DOORS. PRE-HUNG DOORS ONLY ON SIDES.

D. PROVIDE ANY BLOCKING, FURRING, ETC. NECESSARY TO ADEQUATELY SUPPORT DRYWALL AS PAR OF THE SCOPE OF WORK.

E. PROVIDE BACKING FOR ALL KITCHEN CABINETS AND VANITIES AND ALL HANDICAP REQUIREMENTS PER FLORIDA BUILDING CODE, AS PER PLANS AND SPECIFICATIONS. CAN USE REGULAR METAL BACKING WHICH MEETS THE REQUIREMENTS AS AN ALTERNATE TO 5 /8" PLYWOOD.

2. GYPSUM WALL BOARD

A. WALL BOARD TO COMPLY WITH FED. SPEC. SS-L-300 IN 48" WIDTHS.
B. 5 /8" WALL BOARD ON BOTH SIDES OF METAL STUDS AT INTERIOR WALLS OF APARTMENTS.
C. DENSHIELD OR 1/2" OR 5/8" TYPE AX@ MOISTURE RESISTANT WALLBOARD AT ALL WET AREAS AND AS PER FLORIDA BUILDING CODE
D. ALL DRYWALL USED IN FIRE RATED ASSEMBLES TO BE INSTALLED AS REQUIRED BY A CERTIFIED TESTING LABORATORY, FLORIDA BUILDING CODE OR GYPSUM ASSOCIATION. F. PROVIDE AND INSTALL ALL METAL TRIMS (J - BEADS,CORNER BEADS,
EXPANSION JOINT SLIP BEADS, ETC.) AS REQUESTED BY ARCHITECT.

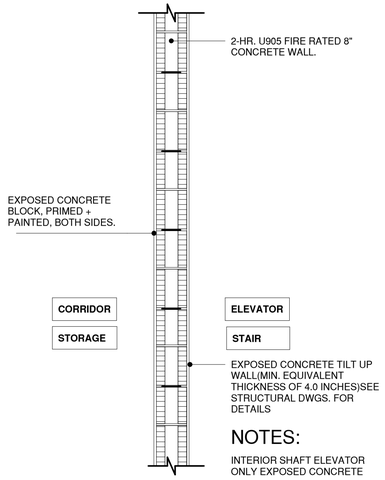
3. GYPSUM WALL BOARD (APPLIED HORIZONTALLY OR VERTICALLY AS REQUIRED BY THE FLORIDA BUILDING CODE)

4. INSULATION:

A. R-4.2 AL-FOIL INSULATION FOR CONCRETE AND BLOCK WALLS FACING EXTERIOR.

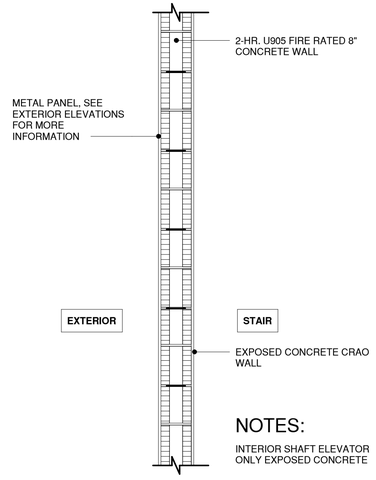
5. FURRING:

MASONRY WALLS 1" X 2" P.T. WOOD @ 24" O/C.
WINDOWS AND SLIDING DOORS: 1" X 4" P.T WOOD WRAPS AROUND WINDOWS AND SLIDING DOORS.



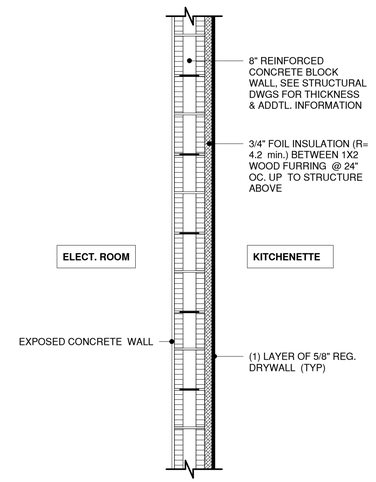
WALL TYPE 1 UL 263 2HR FIRE RATED

1 / A 1.05 **SCALE:** N.T.S



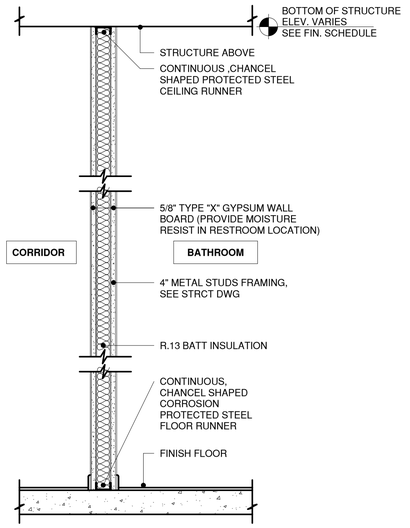
WALL TYPE 2 UL 905 2HR FIRE RATED

2 / A 1.05 **SCALE:** N.T.S



WALL TYPE 3

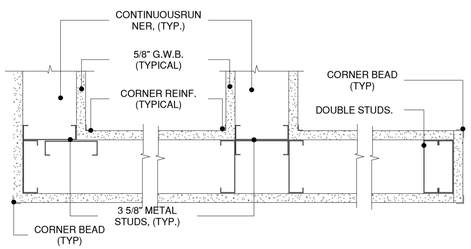
3 / A 1.05 **SCALE:** N.T.S



PARTITION TYPE 4

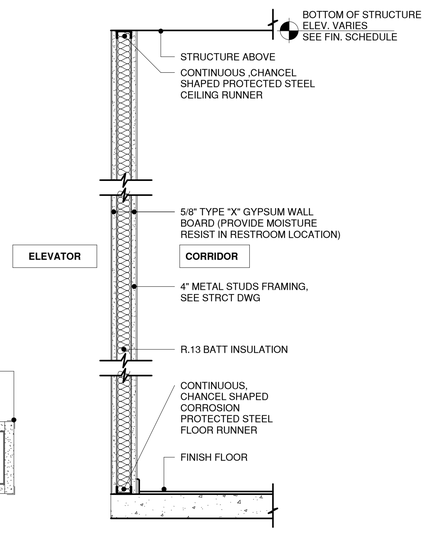
4 / A 1.05 **SCALE:** N.T.S

NON - RATED BEARING INTERIOR WALL



PARTITION DETAIL

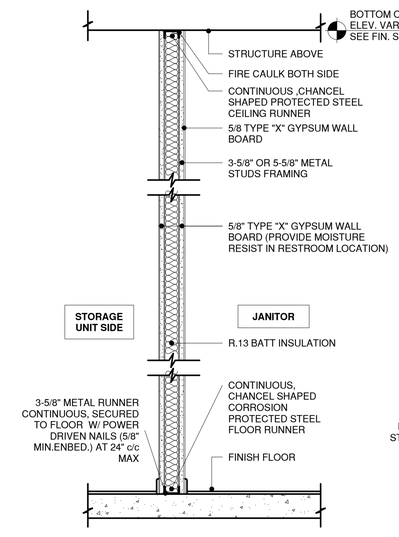
SCALE: N.T.S



PARTITION TYPE 4.1

4.1 / A 1.05 **SCALE:** N.T.S

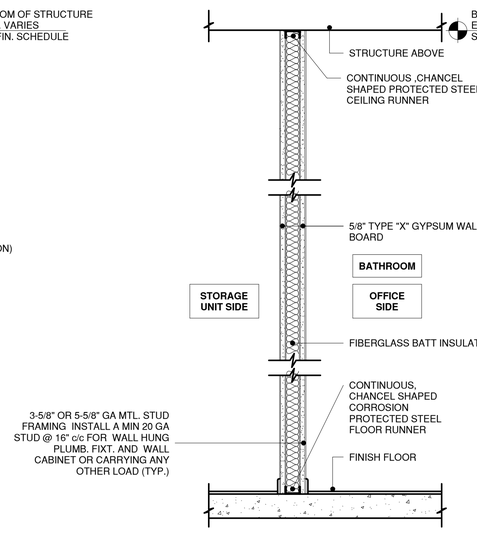
2 HR FIRE RATED UL 263 DES U423



PARTITION TYPE 5

5 / A 1.05 **SCALE:** N.T.S

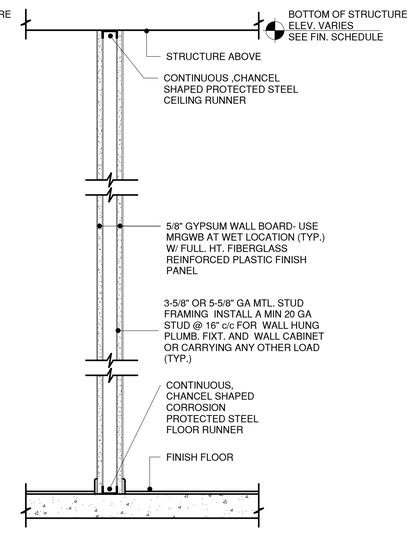
1 HR FIRE RATED NONBEARING INTERIOR WALL UL 263 DES U419



PARTITION TYPE 6

6 / A 1.05 **SCALE:** N.T.S

NON-RATED INTERIOR WALL



PARTITION TYPE 7

7 / A 1.05 **SCALE:** N.T.S

NON-RATED INTERIOR WALL .

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LEOPOLDO BELLON, AIA (AR-8737)

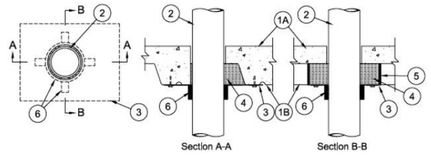
WALL AND PARTITIONS TYPES

A 1.05

SHEET OF

SYSTEM NO. F-A-2025

JANUARY 15, 2015
F RATING - 2 HR
T RATING - 2 HR



1. FLOOR ASSEMBLY - THE FIRE-RATED UNPROTECTED CONCRETE AND STEEL FLOOR ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL D900 SERIES DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND AS SUMMARIZED BELOW:

A. NORMAL WEIGHT CONCRETE - MIN 2-1/2 IN. (64 MM) THICKNESS OF LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF OR 1600-2400 KG/M3) CONCRETE TOPPING AS MEASURED OVER THE CRESTS OF THE STEEL FLOOR UNITS.

B. STEEL FLOOR AND FORM UNITS* - COMPOSITE OR NONCOMPOSITE 3 IN. (76 MM) DEEP FLUTED GALV UNITS AS SPECIFIED IN THE INDIVIDUAL FLOOR-CEILING DESIGN. MAX DIAM OF OPENING CORE-DRILLED THROUGH FLOOR ASSEMBLY IS 8 IN. (203 MM).

2. THROUGH PENETRANTS - ONE NONMETALLIC PIPE TO BE INSTALLED EITHER CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM. THE ANNULAR SPACE BETWEEN PIPE AND PERIPHERY OF OPENING SHALL BE MIN 0 IN. (0 MM, POINT CONTACT) TO MAX 1-1/2 IN. (38 MM). PIPE TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF FLOOR ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF NONMETALLIC PIPES MAY BE USED:

A. POLYVINYL CHLORIDE (PVC) PIPE - NOM 6 IN. (152 MM) DIAM (OR SMALLER) SCHEDULE 40 SOLID-CORE OR CELLULAR CORE PVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEM.

B. CHLORINATED POLYVINYL CHLORIDE (CPVC) PIPE - NOM 6 IN. (152 MM) DIAM (OR SMALLER) SDR13.5 CPVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) PIPING SYSTEMS.

C. ACRYLONITRILE BUTADIENE STYRENE (ABS) PIPE - NOM 6 IN. (152 MM) DIAM (OR SMALLER) SCHEDULE 40 SOLID-CORE OR CELLULAR CORE ABS PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEMS.

D. FLAME RETARDANT POLYPROPYLENE (FRPP) PIPE - NOM 6 IN. (152 MM) DIAM (OR SMALLER) SCHEDULE 40 FRPP PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED DRAIN, WASTE OR VENT) PIPING SYSTEMS.

3. METAL PLATE ENCLOSURE - MIN 18 GA STEEL. WIDTH OF PLATE TO BE MIN 12 IN. (305 MM). LENGTH OF PLATE (TRANSVERSE TO STEEL FLOOR UNIT DIRECTION) TO EXTEND TO STEEL FLOOR UNIT VALLEY BEYOND EACH SIDE OF CORE-DRILLED HOLE WITH A MIN LAP OF 1-1/2 IN. (38 MM) ON THE FLOOR UNIT VALLEY AT EACH END. BOTH ENDS OF PLATE PERPENDICULAR TO FLOOR UNIT VALLEYS TO BE CUT TO PERMIT THE ENDS TO BE BENT UPWARDS 90 F DEG TO FOLLOW THE CONTOUR OF THE FLOOR UNIT, ENCLOSING THE PACKING MATERIAL (ITEM 4) WITHIN THE AREAS OF THE FLUTES. THE CONTOURED PLATE ENDS SHALL BE SUCH THAT THE GAP BETWEEN THE FLOOR UNIT AND THE PLATE ENDS IS NO GREATER THAN 1/4 IN. (6 MM), AS AN ALTERNATE TO BENDING UP ENDS OF PLATE, MIN 1/4 IN. (6 MM) THICKNESS OF FILL MATERIAL (ITEM 5) SHALL BE APPLIED TO COMPLETELY COVER THE SURFACE OF THE MINERAL WOOL PACKING MATERIAL WITHIN THE FLUTES OF THE STEEL FLOOR UNITS, BETWEEN THE TWO ENDS OF THE METAL ENCLOSURE PLATE AND THE STEEL FLOOR UNITS. CIRCULAR CUTOUT IN PLATE TO TIGHTLY FOLLOW CIRCUMFERENCE OF NONMETALLIC PIPE WITH SIDE EDGES OF PLATE AT LEAST 3 IN. (76 MM) FROM CIRCULAR CUTOUT ON ALL SIDES. SLIT MADE IN PLATE TO PERMIT INSTALLATION AROUND THE NONMETALLIC PIPE TO BE LOCATED AT END OF PLATE BENEATH FLOOR UNIT VALLEY NEAREST TO THE CIRCULAR CUTOUT. PLATE SECURED TO VALLEYS OF FLOOR UNIT USING MIN 1/4 IN. (6 MM) DIAM BY 1-3/4 IN. (45 MM) LONG STEEL EXPANSION BOLTS, OR EQUIVALENT, IN CONJUNCTION WITH MIN 3/4 IN. (19 MM) DIAM STEEL WASHERS OR MIN 0.145 IN. (4 MM) DIAM BY 1-1/4 IN. (32 MM) LONG POWDER ACTUATED FASTENERS UTILIZING A 1-7/16 IN. (36 MM) DIAM BY 1/16 IN. (2 MM) THICK STEEL WASHER. AS ALTERNATES TO THE ANCHORS SPECIFIED ABOVE, HILTI 1/4 IN. (6 MM) DIAM BY 1-1/4 IN. (32 MM) LONG KWIK-CON II+ CONCRETE SCREW ANCHOR, HILTI 1/4 IN. (6 MM) DIAM BY 1-3/4 IN. (44 MM) LONG KWIK-BOLT 3 STEEL EXPANSION ANCHOR OR HILTI X-DNI 27 P8 S15 POWDER ACTUATED FLOOR PIN WITH INTEGRAL NOM 9/16 IN. (15 MM) DIAM WASHER MAY BE USED . FASTENERS TO BE LOCATED APPROX 1 IN. (25 MM) FROM EDGES OF PLATE AT EACH CORNER, AT EACH PLATE/VALLEY INTERSECTION AND AT BOTH SIDES OF SLIT MADE TO PERMIT INSTALLATION AROUND NONMETALLIC PIPE. SPACING OF FASTENERS NO TO EXCEED 10 IN. (254 MM) OC.

4. PACKING MATERIAL - MINERAL WOOL BATT INSULATION HAVING MIN DENSITY OF 4 PCF (64 KG/M3), FIRMLY PACKED INTO FLUTES OF STEEL FLOOR UNITS ABOVE METAL PLATE ENCLOSURE (ITEM 3) TO COMPLETELY FILL CAVITIES. WHEN ENDS OF METAL PLATE ENCLOSURE PERPENDICULAR TO FLOOR UNIT VALLEYS ARE NOT BENT UP TO ENCLOSE PACKING MATERIAL WITHIN FLUTES (SEE ITEM 3), PACKING MATERIAL TO BE RECESSED FROM ENDS OF PLATE TO ACCOMMODATE THE REQUIRED THICKNESS OF THE FILL MATERIAL.

5. FILL, VOID OR CAVITY MATERIAL* - SEALANT - NOM 1/2 IN. (13 MM) BEAD OF FILL MATERIAL APPLIED AROUND THE PERIMETER OF THE METAL PLATE ENCLOSURE AT THE INTERFACE OF THE ENCLOSURE AND STEEL DECK. WHEN ENDS OF METAL PLATE ENCLOSURE (ITEM 3) ARE NOT BENT UP TO ENCLOSE PACKING MATERIAL WITHIN FLUTES, MIN 1/4 IN. (6 MM) THICKNESS OF FILL MATERIAL SHALL BE APPLIED TO COMPLETELY COVER THE SURFACE OF THE MINERAL WOOL PACKING MATERIAL WITHIN THE FLUTES OF THE STEEL FLOOR UNITS, BETWEEN THE TWO ENDS OF THE METAL ENCLOSURE PLATE AND THE STEEL FLOOR UNITS.

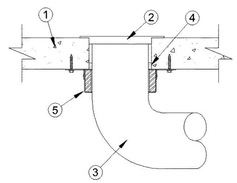
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC - FS-ONE SEALANT OR FS-ONE MAX INTUMESCENT SEALANT

6. FIRESTOP DEVICE* - FIRESTOP COLLAR - FIRESTOP COLLAR SHALL BE INSTALLED IN ACCORDANCE WITH THE ACCOMPANYING INSTALLATION INSTRUCTIONS. COLLAR TO BE INSTALLED AND LATCHED AROUND THE PIPE AND SECURED TO THE VALLEY OF THE STEEL DECK AND TO THE METAL PLATE ENCLOSURE USING THE ANCHOR HOOKS PROVIDED WITH THE COLLAR. MIN OF TWO ANCHOR HOOKS REQUIRED FOR 1-1/2 AND 2 IN. (38 AND 51 MM) DIAM PIPES, MIN OF THREE ANCHOR HOOKS REQUIRED FOR 3 AND 4 IN. (76 AND 102 MM) DIAM PIPES, AND MIN OF FOUR ANCHOR HOOKS REQUIRED FOR 6 IN. (152 MM) DIAM PIPES. WHERE THE ANCHOR HOOKS ARE BENEATH THE VALLEY OF THE STEEL FLOOR UNIT, THE ANCHOR TABS ARE TO BE SECURED WITH 1/4 IN. (6 MM) DIAM BY MIN 1-1/2 IN. (38 MM) LONG STEEL EXPANSION BOLTS, OR EQUIVALENT, IN CONJUNCTION WITH STEEL NUTS AND MIN 3/4 IN. (19 MM) DIAM STEEL WASHERS WITH ONE ANCHOR BOLT IN EACH ANCHOR HOOK. WHERE THE ANCHOR HOOKS ARE BENEATH THE CREST OF THE STEEL DECK, THE ANCHOR HOOKS ARE TO BE SECURED TO THE METAL ENCLOSURE WITH NO. 10 BY MIN 1/2 IN. (13 MM) LONG SELF-DRILLING, SELF-TAPPING STEEL SCREWS AND MIN 3/4 IN. (19 MM) DIAM STEEL WASHERS.
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC - CP 643 50/1.5"N, CP 643 63/2"N, CP643 90/3"N, CP 643 110/4"N OR CP 643 160/6"N FIRESTOP COLLAR

* INDICATES SUCH PRODUCTS SHALL BEAR THE UL OR CUL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL OR CUL CERTIFICATION (SUCH AS CANADA), RESPECTIVELY.

SYSTEM NO. F-A-2075

JANUARY 15, 2015
F RATING - 2 HR
T RATING - 0 HR



1. FLOOR ASSEMBLY - MIN 2-1/2 IN. (64 MM) THICK REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF OR 1600-2400 KG/M3) CONCRETE. MAX DIAM OF OPENING IS 5 IN. (127 MM).

2. CLOSET FLANGE - POLYVINYL CHLORIDE (PVC) CLOSET STUB SIZED TO ACCOMMODATE DRAIN PIPE. CLOSET FLANGE INSTALLED OVER DRAIN PIPING WITHIN OPENING WITH FLANGE SECURED TO CONCRETE FLOOR WITH STEEL SCREWS.

3. DRAIN PIPING - NOM 4 IN. (102 MM) DIAM SCHEDULE 40 POLYVINYL CHLORIDE (PVC) DRAIN PIPE FOR USE IN VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEMS. PIPE INSTALLED CONCENTRICALLY WITHIN FIRESTOP SYSTEM. ANNULAR SPACE BETWEEN DRAIN PIPE AND PERIPHERY OF OPENING SHALL BE 1/4 IN. (6 MM).

4. FILL, VOID OR CAVITY MATERIALS* - MIN 1/2 IN. (13 MM) THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULUS, FLUSH WITH THE BOTTOM SURFACE OF FLOOR.

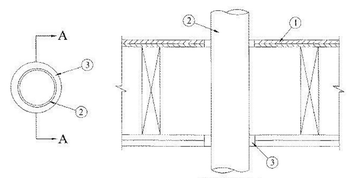
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC - FS-ONE SEALANT OR FS-ONE MAX INTUMESCENT SEALANT

5. FIRESTOP DEVICE* - FIRESTOP COLLAR - FIRESTOP COLLAR SHALL BE INSTALLED IN ACCORDANCE WITH THE ACCOMPANYING INSTALLATION INSTRUCTIONS. COLLAR TO BE INSTALLED AROUND PIPE AND SECURED TO THE UNDERSIDE OF THE FLOOR USING ANCHOR HOOKS PROVIDED WITH THE COLLAR. MIN 3 ANCHOR HOOKS REQUIRED. THE ANCHOR HOOKS ARE TO BE SECURED WITH MIN 1/4 IN. (6 MM) DIAM BY MIN 1-1/4 IN. (32 MM) LONG STEEL EXPANSION BOLTS OR MIN 0.145 IN. DIAM BY 1-1/4 IN. (32 MM) LONG POWDER ACTUATED FASTENERS UTILIZING A 1-7/16 IN. (36.5 MM) DIAM BY 1/16 IN. (1.6 MM) THICK STEEL WASHER. AS ALTERNATES TO THE ANCHORS SPECIFIED ABOVE, HILTI 1/4 IN. (6 MM) DIAM BY 1-1/4 IN. (32 MM) LONG KWIK-CON II+ CONCRETE SCREW ANCHOR, HILTI 1/4 IN. (6 MM) DIAM BY 1-3/4 IN. (44 MM) LONG KWIK-BOLT 3 STEEL EXPANSION ANCHOR OR HILTI X-DNI 27 P8 S15 POWDER ACTUATED FLOOR PIN WITH INTEGRAL NOM 9/16 IN. (14 MM) DIAM WASHER MAY BE USED. ONE ANCHOR BOLT SHALL BE USED IN EACH ANCHOR HOOK.
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC - CP 643 110/4"N

* INDICATES SUCH PRODUCTS SHALL BEAR THE UL OR CUL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL OR CUL CERTIFICATION (SUCH AS CANADA), RESPECTIVELY.

SYSTEM NO. F-C-2160

APRIL 06, 2018
F RATING - 1 AND 2 HR
T RATING - 1 AND 2 HR



SECTION A-A

1. FLOOR-CEILING ASSEMBLY - THE 1 AND 2 HR FIRE-RATED SOLID OR TRUSSED LUMBER JOIST FLOOR-CEILING ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL L500 SERIES FLOOR-CEILING DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY. THE GENERAL CONSTRUCTION FEATURES OF THE FLOOR-CEILING ASSEMBLY ARE SUMMARIZED BELOW:

A. FLOORING SYSTEM - LUMBER OR PLYWOOD SUBFLOOR WITH FINISH FLOOR OF LUMBER, PLYWOOD OR FLOOR TOPPING MIXTURE* AS SPECIFIED IN THE INDIVIDUAL FLOOR-CEILING DESIGN. DIAM OF OPENING SHALL BE 2 IN. (51 MM) LARGER THAN THE NOM DIAM OF THROUGH PENETRANT (ITEM 2).

B. WOOD JOISTS* - NOM 10 IN. (254 MM) DEEP (OR DEEPER) LUMBER, STEEL OR COMBINATION LUMBER AND STEEL JOISTS, TRUSSES OR STRUCTURAL WOOD MEMBERS* WITH BRIDGING AS REQUIRED AND WITH ENDS FIRESTOPPED.

C. FURRING CHANNELS (NOT SHOWN) - RESILIENT GALV STEEL FURRING INSTALLED PERPENDICULAR TO WOOD JOISTS BETWEEN FIRST AND SECOND LAYERS OF WALLBOARD (ITEM 1D). FURRING CHANNELS SPACED MAX 24 IN. (610 MM).

D. GYPSUM BOARD* - NOM 4 FT (1.2 M) WIDE BY 5/8 IN. (16 MM) THICK AS SPECIFIED IN THE INDIVIDUAL FLOOR-CEILING DESIGN. FIRST LAYER OF WALLBOARD NAILED TO WOOD JOISTS. SECOND LAYER OF WALLBOARD SCREW-ATTACHED TO FURRING CHANNELS. DIAM OF OPENING SHALL BE 2 IN. (51 MM) LARGER THAN THE NOM DIAM OF THROUGH PENETRANT (ITEM 2).

1.1 CHASE WALL - (OPTIONAL, NOT SHOWN) - THE THROUGH PENETRANTS (ITEM NO. 2) MAY BE ROUTED THROUGH A FIRE-RATED OR NON-RATED SINGLE, DOUBLE OR STAGGERED WOOD STUD/GYPSUM WALL BOARD CHASE WALL. THE CHASE WALL SHALL BE CONSTRUCTED TO INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:

A. STUDS - NOM 2 BY 6 IN. (51 BY 152 MM) OR DOUBLE NOM 2 BY 4 IN. (51 BY 102 MM) LUMBER STUDS.

B. SOLE PLATE - NOM 2 BY 6 IN. (51 BY 152 MM) OR PARALLEL NOM 2 BY 4 IN. (51 BY 102 MM) LUMBER PLATES, TIGHTLY BUTTED. DIAM OF OPENING SHALL BE 2 IN. (51 MM) LARGER THAN THE NOM DIAM OF THROUGH PENETRANT (ITEM 2).

C. TOP PLATE - THE DOUBLE TOP PLATE SHALL CONSIST OF TWO NOM 2 BY 6 IN. (51 BY 152 MM) OR TWO SETS OF PARALLEL 2 BY 4 IN. (51 BY 102 MM) LUMBER PLATES, TIGHTLY BUTTED. DIAM OF OPENING SHALL BE 2 IN. (51 MM) LARGER THAN THE NOM DIAM OF THROUGH PENETRANT (ITEM 2).

D. GYPSUM BOARD* - ONE OR TWO LAYERS OF MIN 1/2 IN. (14 MM) GYPSUM BOARD.

2. THROUGH PENETRANTS - ONE NONMETALLIC PIPE OR CONDUIT TO BE INSTALLED CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM. ANNULAR SPACE BETWEEN PIPE OR CONDUIT AND EDGE OF OPENING TO BE MIN 1/2 IN. (13 MM) AND MAX 1-1/8 IN. (29 MM). PIPE OR CONDUIT TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF FLOOR-CEILING ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF NONMETALLIC PIPES OR CONDUITS MAY BE USED:

A. POLYVINYL CHLORIDE (PVC) PIPE - NOM 2 IN. (51 MM) DIAM (OR SMALLER) SCHEDULE 40 SOLID OR CELLULAR CORE PVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEMS.

B. CHLORINATED POLYVINYL CHLORIDE (CPVC) PIPE - NOM 2 IN. (51 MM) DIAM (OR SMALLER) SDR13.5 CPVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) PIPING SYSTEMS.

3. FILL, VOID OR CAVITY MATERIALS*-SEALANT - FILL MATERIAL FORCED INTO ANNULAR SPACE TO FILL SPACE TO MAX EXTENT POSSIBLE. SEALANT SHALL BE INSTALLED FLUSH WITH TOP SURFACE OF FLOOR OR SOLE PLATE AND BOTTOM SURFACE OF CEILING OR LOWER TOP PLATE.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC - FS-ONE SEALANT OR FS-ONE MAX INTUMESCENT SEALANT

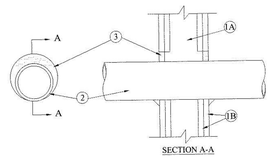
* INDICATES SUCH PRODUCTS SHALL BEAR THE UL OR CUL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL OR CUL CERTIFICATION (SUCH AS CANADA), RESPECTIVELY.

SYSTEM NO. W-L-1054

JANUARY 21, 2020

ANSI/UL1479 (ASTM E814)
F RATINGS -1 AND 2 HR (SEE ITEMS 1 AND 3)
T RATING - 0 HR
L RATING (WITHOUT MOVEMENT) AT AMBIENT - LESS THAN 1 CFM/SQ FT
L RATING (WITHOUT MOVEMENT) AT 400°F - LESS THAN 1 CFM/SQ FT
M RATING (MOVEMENT) - SEE TABLE 1

CAN/ULC S115
F RATINGS - 1 AND 2 HR (SEE ITEMS 1 AND 3)
FT RATING - 0 HR
FH RATINGS -1 AND 2 HR (SEE ITEMS 1 AND 3)
FTH RATING - 0 HR
FTH RATING - 0 HR
L RATING AT AMBIENT - LESS THAN 5.1 L/S/M2
L RATING AT 204°C - LESS THAN 5.1 L/S/M2



SECTION A-A

1. WALL ASSEMBLY - THE 1 OR 2 HR FIRE-RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES WALL AND PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:

A. STUDS - WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 IN. (51 BY 102 MM) LUMBER SPACED 16 IN. (406 MM) OC. STEEL STUDS TO BE MIN 2-1/2 IN. (64 MM) WIDE AND SPACED MAX 24 IN. (610 MM) OC. FOR M RATING, STEEL STUDS TO BE MIN 3-5/8 IN. (92 MM) WIDE. WHEN STEEL STUDS ARE USED AND THE DIAM OF OPENING EXCEEDS THE WIDTH OF STUD CAVITY, THE OPENING SHALL BE FRAMED ON ALL SIDES USING LENGTHS OF STEEL STUD INSTALLED BETWEEN THE VERTICAL STUDS AND SCREW-ATTACHED TO THE STEEL STUDS AT EACH END. THE FRAMED OPENING IN THE WALL SHALL BE 4 TO 6 IN. (102 TO 152 MM) WIDER AND 4 TO 6 IN. (102 TO 152 MM) HIGHER THAN THE DIAM OF THE PENETRATING ITEM SUCH THAT, WHEN THE PENETRATING ITEM IS INSTALLED IN THE OPENING, A 2 TO 3 IN. (51 TO 76 MM) CLEARANCE IS PRESENT BETWEEN THE PENETRATING ITEM AND THE FRAMING ON ALL FOUR SIDES.

B. GYPSUM BOARD* - 5/8 IN. (16 MM) THICK, 4 FT (122 CM) WIDE WITH SQUARE OR TAPERED EDGES. THE GYPSUM BOARD TYPE, THICKNESS, NUMBER OF LAYERS, FASTENER TYPE AND SHEET ORIENTATION SHALL BE AS SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES DESIGN IN THE UL FIRE RESISTANCE DIRECTORY. MAX DIAM OF OPENING IS 32-1/4 IN. (819 MM) FOR STEEL STUD WALLS. MAX DIAM OF OPENING IS 14-1/2 IN. (368 MM) FOR WOOD STUD WALLS.

THE F AND FH RATINGS OF THE FIRESTOP SYSTEM ARE EQUAL TO THE FIRE RATING OF THE WALL ASSEMBLY. THE M RATING IS APPLICABLE ONLY TO 1 HR RATED WALLS.

2. THROUGH-PENETRANTS - ONE METALLIC PIPE, CONDUIT OR TUBING TO BE INSTALLED EITHER CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM. THE ANNULAR SPACE SHALL BE MIN 0 IN. TO MAX 2-1/4 IN. (57 MM). PIPE MAY BE INSTALLED WITH CONTINUOUS POINT CONTACT. PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES, CONDUITS OR TUBING MAY BE USED:

A. STEEL PIPE - NOM 30 IN. (762 MM) DIAM (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE.
B. IRON PIPE - NOM 30 IN. (762 MM) DIAM (OR SMALLER) CAST OR DUCTILE IRON PIPE.
C. CONDUIT - NOM 4 IN. (102 MM) DIAM (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING OR 6 IN. (152 MM) . DIAM STEEL CONDUIT.
D. COPPER TUBING - NOM 6 IN. (152 MM) DIAM (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING.
E. COPPER PIPE - NOM 6 IN. (152 MM) DIAM (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE.

3. FILL, VOID OR CAVITY MATERIAL* - SEALANT - MIN 5/8 IN. (16 MM) THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULUS, FLUSH WITH BOTH SURFACES OF WALL. AT THE POINT OR CONTINUOUS CONTACT LOCATIONS BETWEEN PIPE AND WALL, A MIN 1/2 IN. (13 MM) DIAM BEAD OF FILL MATERIAL SHALL BE APPLIED AT THE PIPE WALL INTERFACE ON BOTH SURFACES OF WALL.
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC - FS-ONE MAX INTUMESCENT SEALANT

THE M RATING FOR THE FIRESTOP SYSTEM IS DEPENDENT ON THE VARIABLES AS NOTED IN THE TABLE 1 BELOW.

TABLE 1

MOVEMENT DIRECTION	PENETRANT ITEM	NOMINAL PENETRANT DIAMETER	ANNULAR SPACE	MOVEMENT	SEALANT DEPTH	F REATING	L RATING WITH MOVEMENT
Y	2A, 2C *	2 IN.	MAX 2 - 1/4 IN.	5%	5/8 IN.	1 HR	N/A
Z	2A, 2C *	2 IN.	2 - 1/4 IN.	0.25 IN.	5/8 IN.	1 HR	N/A

* RIGID STEEL CONDUIT

* INDICATES SUCH PRODUCTS SHALL BEAR THE UL OR CUL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL OR CUL CERTIFICATION (SUCH AS CANADA), RESPECTIVELY.

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MARK	DATE	DESCRIPT
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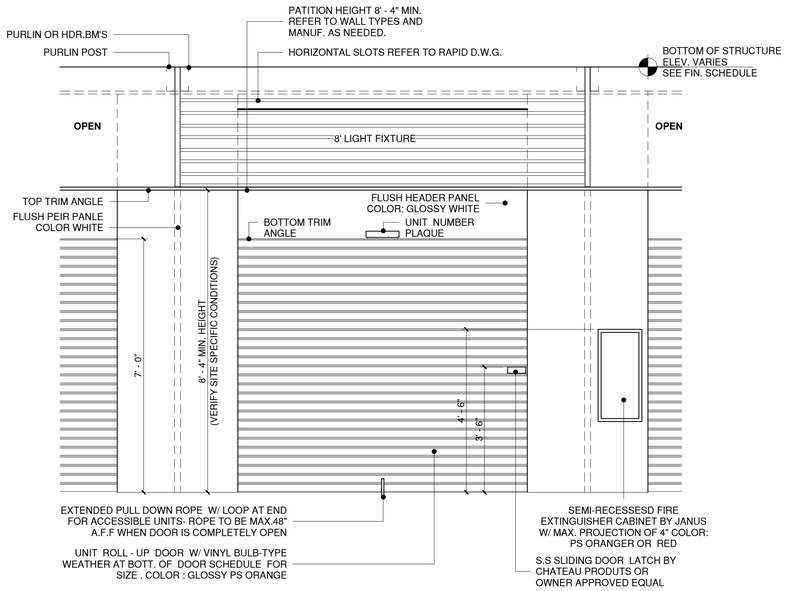
PROJECT No.: LB780
DRAWN BY: FM, YP, AP
CHECKED BY: LB
DATE: 11 - 11 - 2024

LEOPOLDO BELLON, AIA (AR-8737)

UL ASSEMBLIES

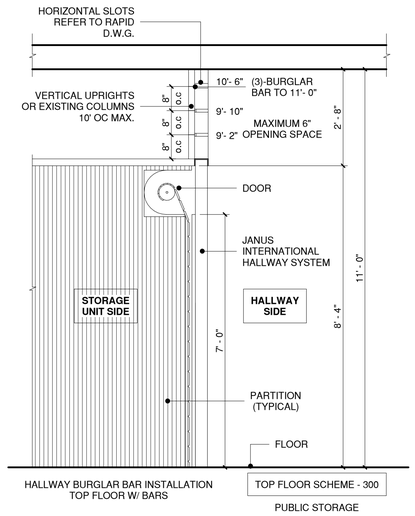
A 1.06

SHEET OF



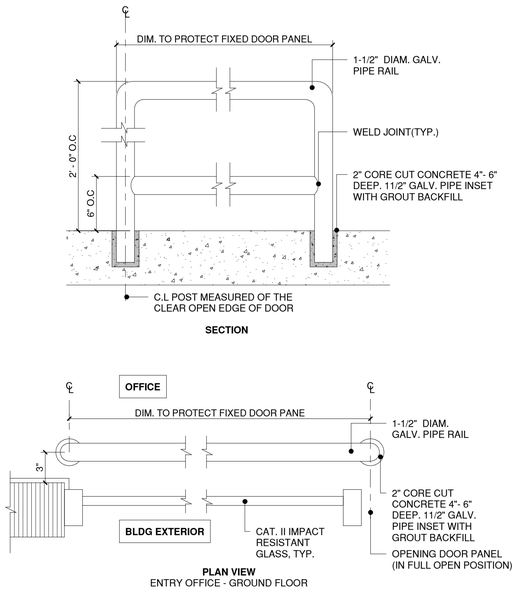
TYPICAL PUBLIC STORAGE INTERIOR STORAGE UNIT ELEVATION

1 / A 1.07 **SCALE:** 1/2" = 1'-0"



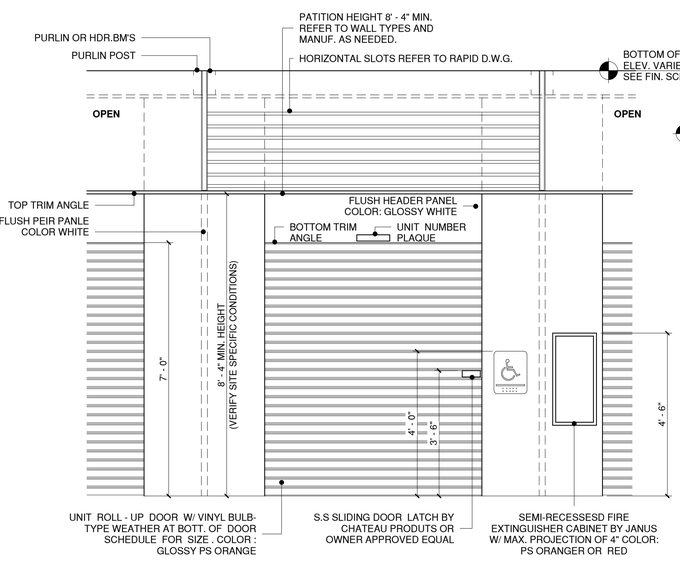
SECURITY MESH OVER HALLWAY SYSTEM

3 / A 1.07 **SCALE:** 1/2" = 1'-0"



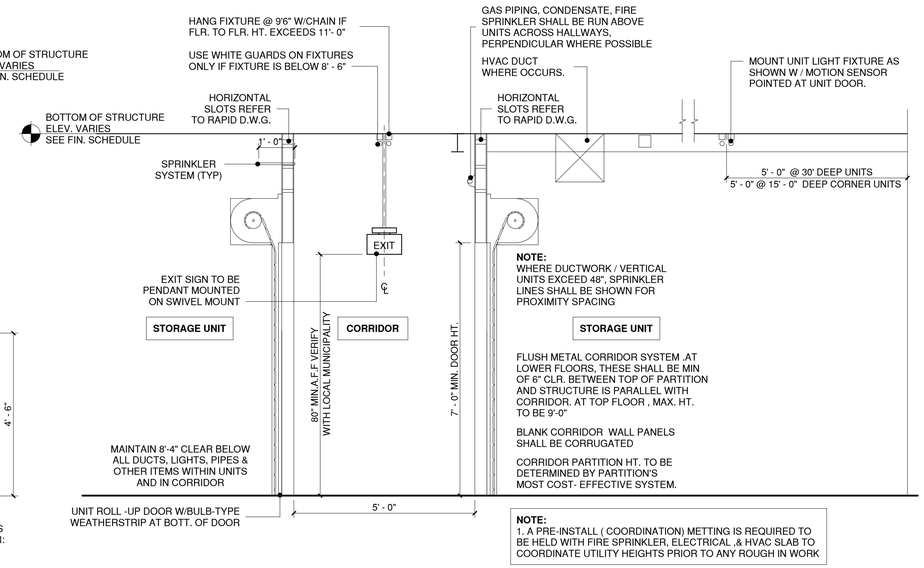
DUAL HEIGHTCART RAILS

5 / A 1.07 **SCALE:** 1 1/2" = 1'-0"



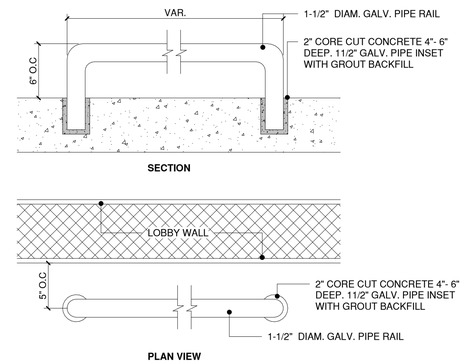
TYPICAL PUBLIC STORAGE INTERIOR STORAGE UNIT ELEVATION.

2 / A 1.07 **SCALE:** 1/2" = 1'-0"



TYPICAL CORRIDOR SECTION

4 / A 1.07 **SCALE:** 1/2" = 1'-0"



CART STORAGE RAILS

6 / A 1.07 **SCALE:** 1 1/2" = 1'-0"

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PROJECT No.: LB780

DRAWN BY: FM, YP, AP

CHECKED BY: LB

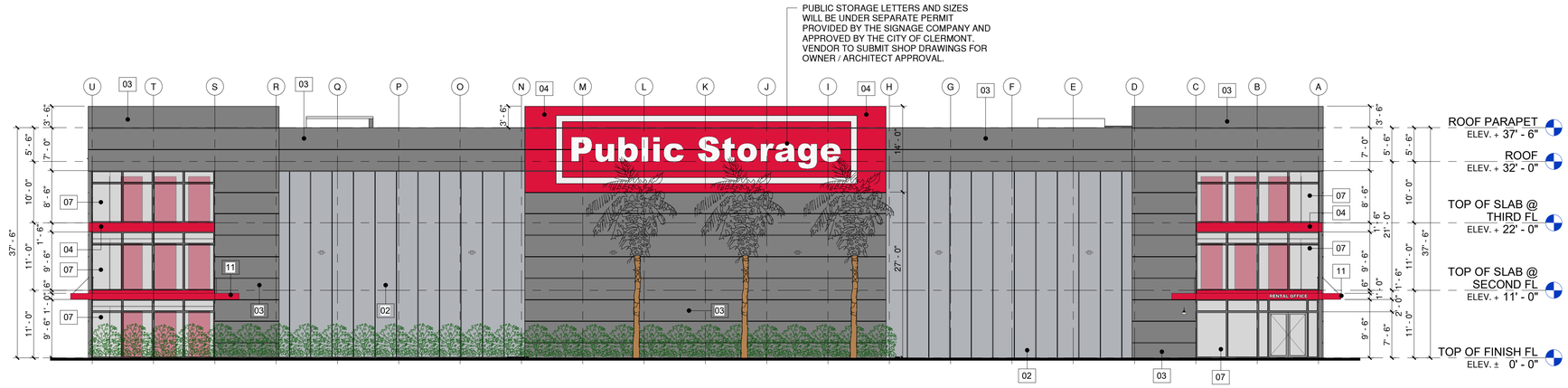
DATE: 11 - 11 - 2024

LEOPOLDO BELLON, AIA (AR-8737)

PUBLIC STORAGE STD. INT. ELEV. AND SECTIONS

A 1.07

SHEET OF

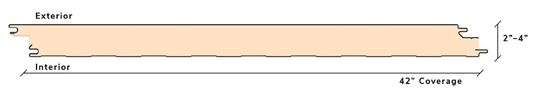


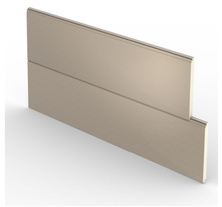
FRONT ELEVATION (SOUTH)

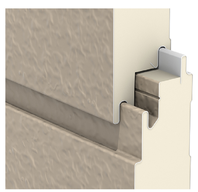
SCALE: 3/32" = 1'-0"

GREEN SPAN PROFILES®
INSULATED METAL PANEL TECHNOLOGIES

PANEL USE	EXTERIOR WALL
COVERAGE WIDTH	42-INCH
THICKNESS	2, 2.5, 3, 4-INCH
LENGTH	8'-0" TO 40'-0"
EXTERIOR GAUGE	24
INTERIOR GAUGE	26
EXTERIOR SUBSTRATE	GALVALUME®
INTERIOR SUBSTRATE	GALVALUME®, STAINLESS STEEL
EXTERIOR FINISH	SILICONIZED POLYESTER, LOW-GLOSS PVDF
INTERIOR FINISH	POLYESTER, SILICONIZED POLYESTER, PLASTISOL (PVC)
EXTERIOR TEXTURE	HEAVY EMBOSSED
INTERIOR TEXTURE	EMBOSSED, SMOOTH
JOINT	GREEN-LOCK, OFFSET DOUBLE TONGUE-AND-GROOVE
CORE	CONTINUOUSLY POURED-IN-PLACE POLYISOCYANURATE INSULATING FOAM
R-VALUE	R-8 PER INCH OF THICKNESS (NOMINAL)







MATERIALS LEGEND:

GREEN SPAN PROFILES
INSULATED METAL PANEL TECHNOLOGIES
GA - MODEL IMPRESSION

- ASH GRAY
- TEXAS SILVER
- CRIMSON RED

OFFICE AREA

OFFICE:	22' - 0" x 21' - 0"	462.00 SF
KITCHENETTE:	14' - 2" x 8' - 4"	119.00 SF
IT ROOM:	5' - 8" x 8' - 2"	48.00 SF
TOTAL		629.00 SF

ELEVATIONS KEYNOTES

KEY VALUE	KEYNOTE DESCRIPTION
01	238T PLANK - SEAMED ROOF
02	24 GA, MODEL IMPRESSION BY GREEN SPAN, COLOR "ASH GRAY"
03	24 GA, MODEL IMPRESSION BY GREEN SPAN, COLOR "TEXAS SILVER"
04	24 GA, MODEL IMPRESSION BY GREEN SPAN, COLOR "CRIMSON RED"
05	24 GA - 7.2 PANEL, COLOR "ASH GRAY".
06	24 GA - 7.2 PANEL, COLOR "CRIMSON RED".
07	ALUMINUM / GLASS STOREFRONT.
08	26 GA - STEEL CORRUGATED ROLL-UP DOOR PAINTED "CRIMSON RED" COLOR.
09	SLIDING ALUMINUM / GLASS DOOR.
10	SCUPPER WITH DOWNSPOUT.
11	METAL CANOPY (BY OTHERS). COLOR "CRIMSON RED".
12	SWING DOOR. COLOR "CRIMSON RED"
13	HEADER WITH TEXTURE COAT APPLIED "TEXAS SILVER" COLOR.
14	24 GA - 7.2 PANEL, COLOR "TEXAS SILVER".

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HOOK STREET SELF STORAGE AT:

13125 HOOKS STREET, CLERMONT, FL, 34711

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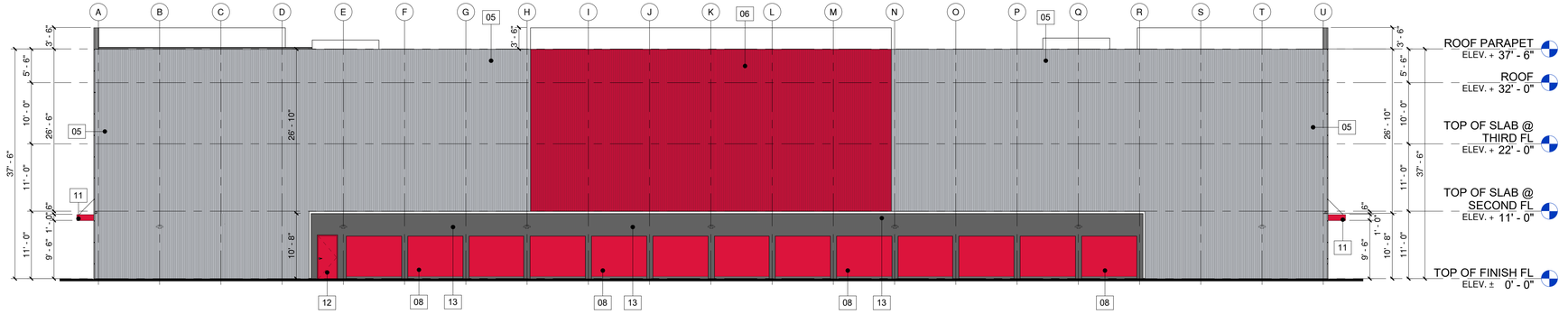
LEOPOLDO BELLON, AIA
(AR-8737)

ELEVATIONS SOUTH

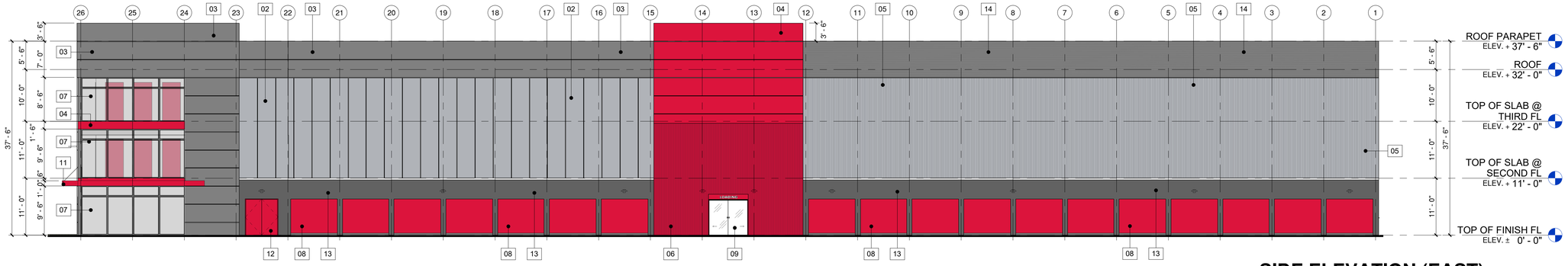
A 2.01

SHEET OF



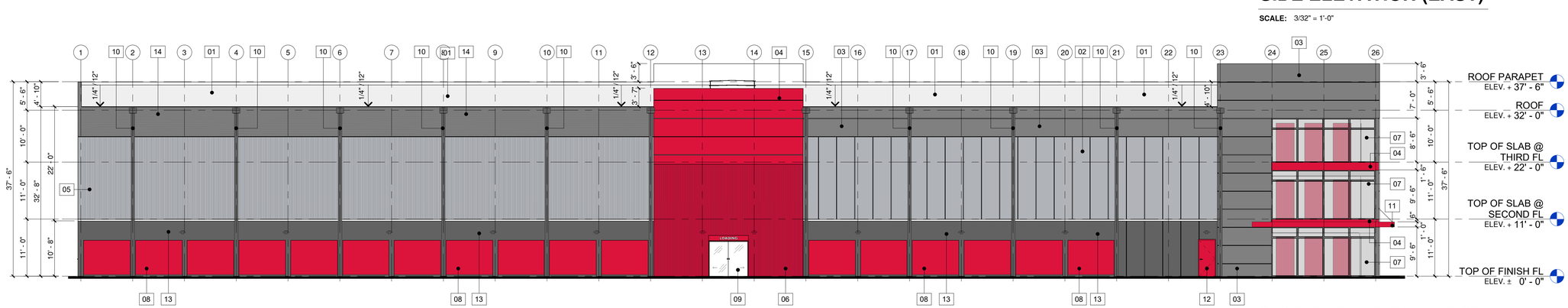
REAR ELEVATION (NORTH)

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



SIDE ELEVATION (EAST)

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



SIDE ELEVATION (WEST)

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

GREEN SPAN PROFILES®
INSULATED METAL PANEL TECHNOLOGIES

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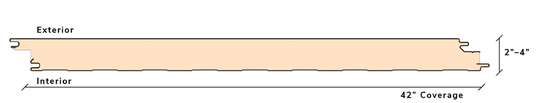
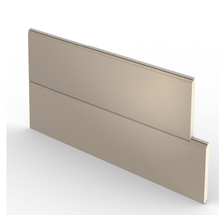
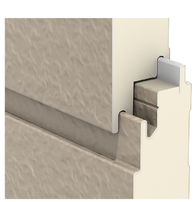
CORE	CONTINUOUSLY POURED-IN-PLACE POLYISOCYANURATE INSULATING FOAM
R-VALUE	R-8 PER INCH OF THICKNESS (NOMINAL)







APEC

7.2 PANEL

PANEL FEATURES

COVERAGE WIDTH	36"
RIB SPACING	7.2"
RIB HEIGHT	1-1/2"
MIN SLOPE	1/2" : 12"
PANEL ATTACHMENT	EXPOSED SCREWS
GAUGE	24 & 22

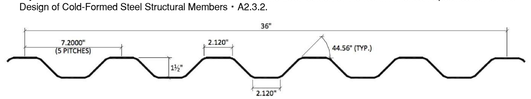
PANEL TOLERANCES

PANEL GAUGE	DESIGN THICKNESS	MINIMUM DELIVERED THICKNESS
24	0.0242	0.0230
22	0.0305	0.0290

SECTION PROPERTIES

			NEGATIVE BENDING			POSITIVE BENDING		
PANEL GAUGE	Fy (KSI)	WEIGHT (PSF	Ixe (IN.4/FT.)	Sxe (IN.3/FT.)	Maxo (KIP-IN./FT.)	Ixe (IN.4/FT.)	Sxe (IN.3/FT.)	Maxo (KIP-IN./FT.)
24	50	1.22	0.1067	0.1250	3.7440	0.1067	0.1326	3.9720
22	50	1.54	0.1433	0.1696	5.0760	0.1400	0.1791	5.3600

*Fy is 80-ksi material reduced to 60-ksi in accordance with the 2007 edition of the North American Specification for the Design of Cold-Formed Steel Structural Members • A2.3.2.



MATERIALS LEGEND:

GREEN SPAN PROFILES
INSULATED METAL PANEL TECHNOLOGIES
GA - MODEL IMPRESSION

- ASH GRAY
- TEXAS SILVER
- CRIMSON RED

APEC PRODUCTS
EXPOSED FASTENER PANELS
7.2 PANEL

- ASH GRAY
- CRIMSON RED
- TEXAS SILVER

ELEVATIONS KEYNOTES

KEY VALUE	KEYNOTE DESCRIPTION
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13	HEADER WITH TEXTURE COAT APPLIED "TEXAS SILVER" COLOR.
14	24 GA - 7.2 PANEL, COLOR "TEXAS SILVER".

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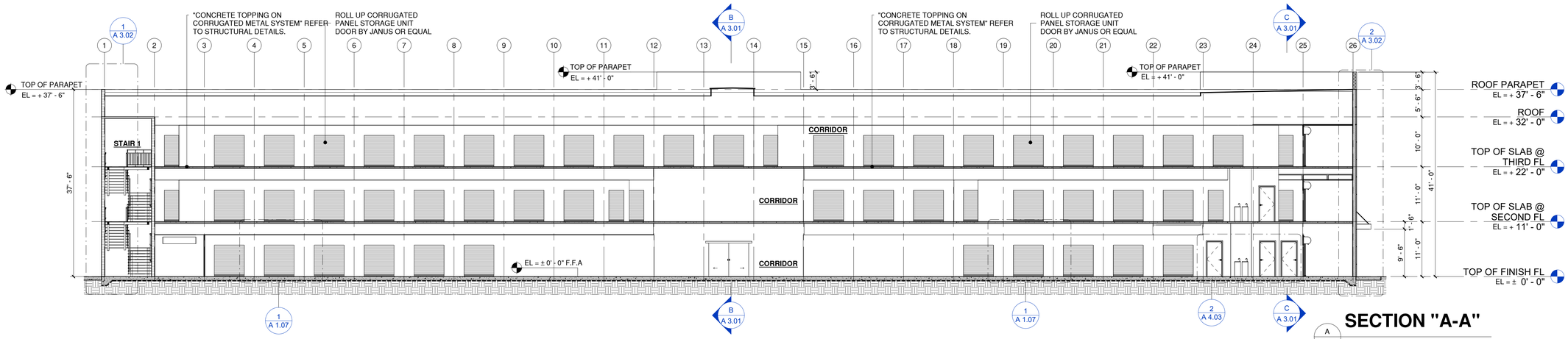
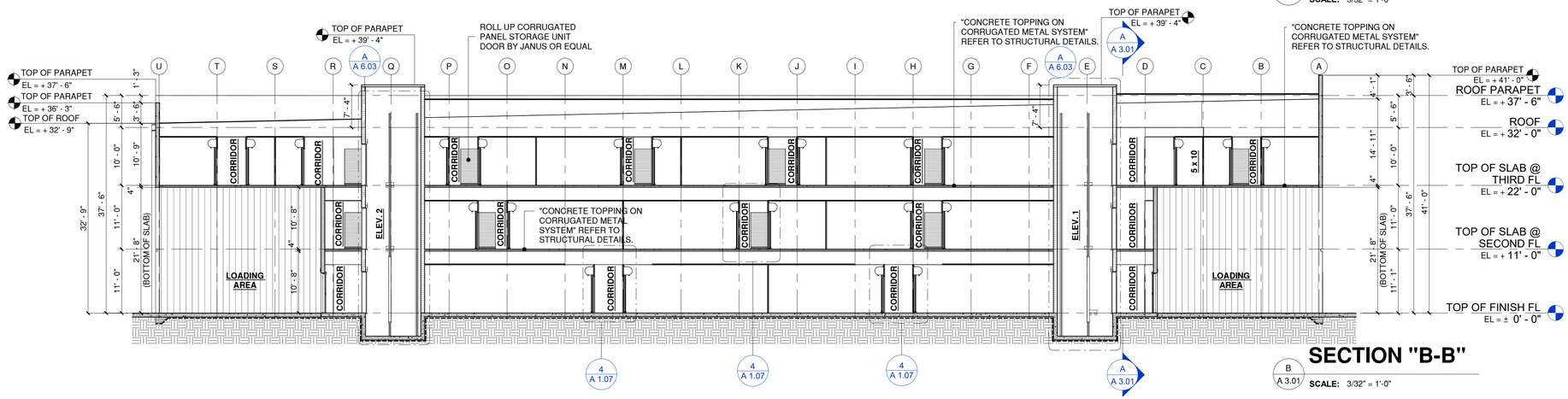
LEOPOLDO BELLON, AIA
(AR-8737)

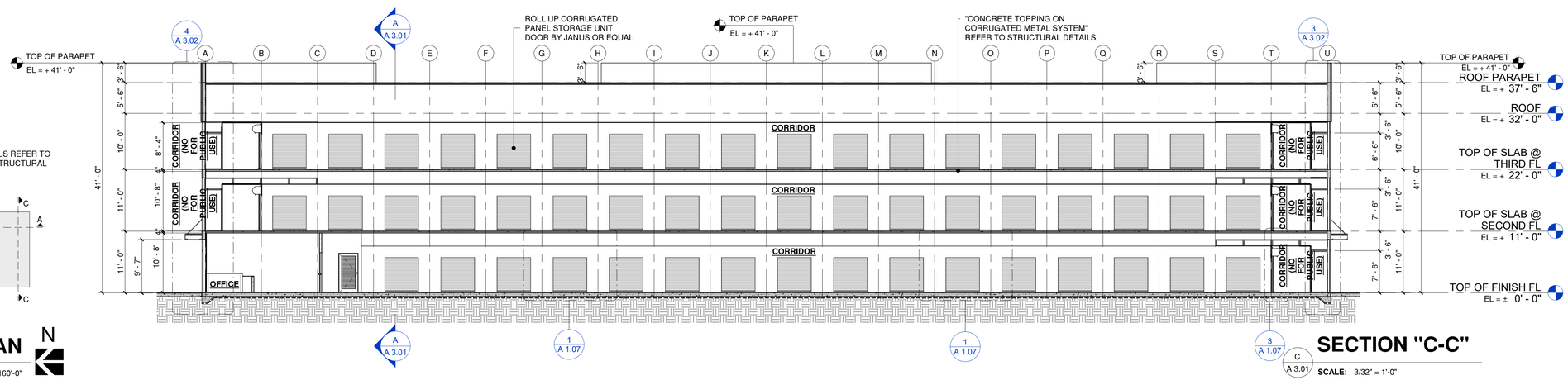
ELEVATIONS WEST, EAST AND NORTH

A 2.02

SHEET OF

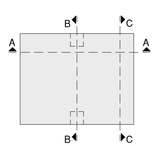






NOTE

FOR ASSEMBLY DETAILS REFER TO MANUFACTURE AND STRUCTURAL DETAIL



KEY PLAN

N

1" = 160'-0"

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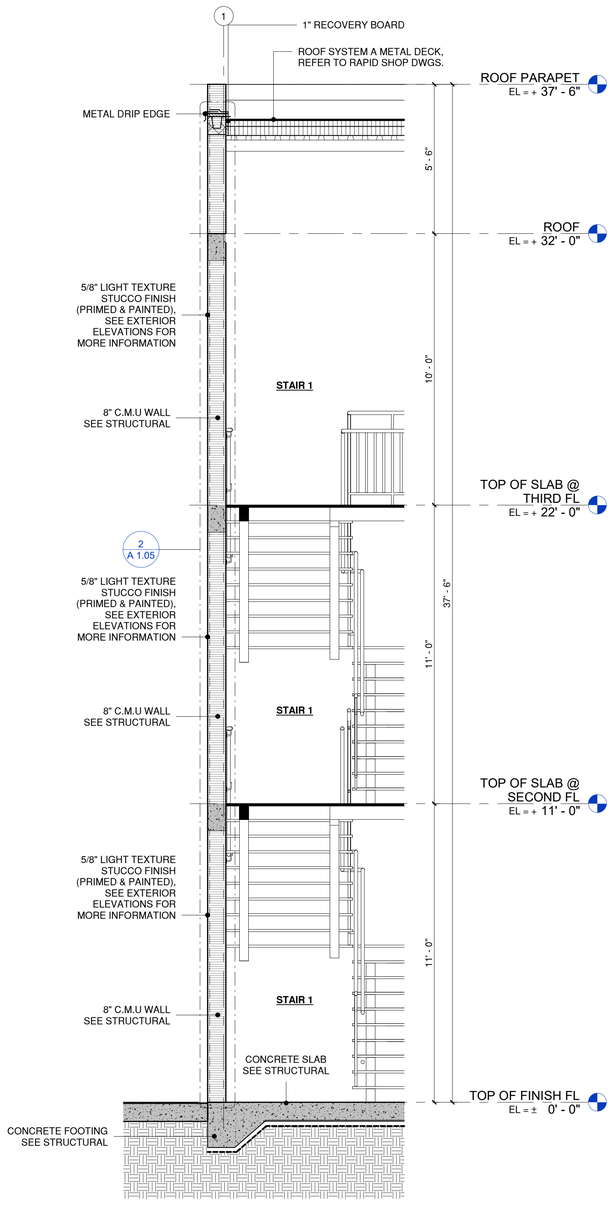
LEOPOLDO BELLON, AIA (AR-8737)

CROSS SECTIONS

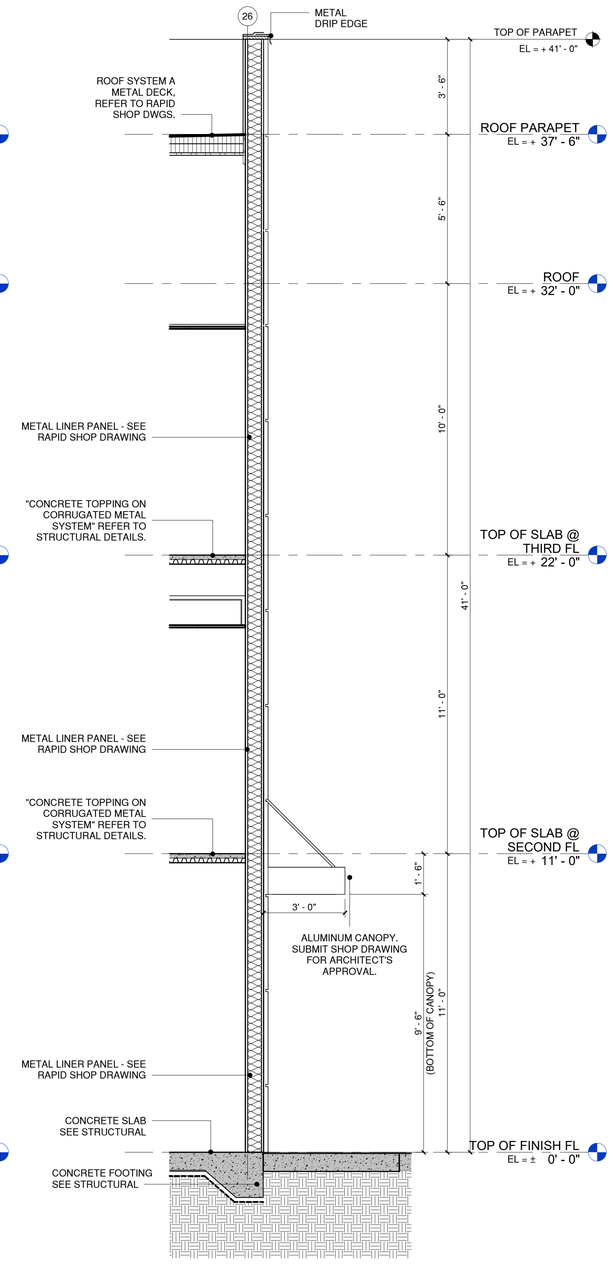
A 3.01

SHEET OF



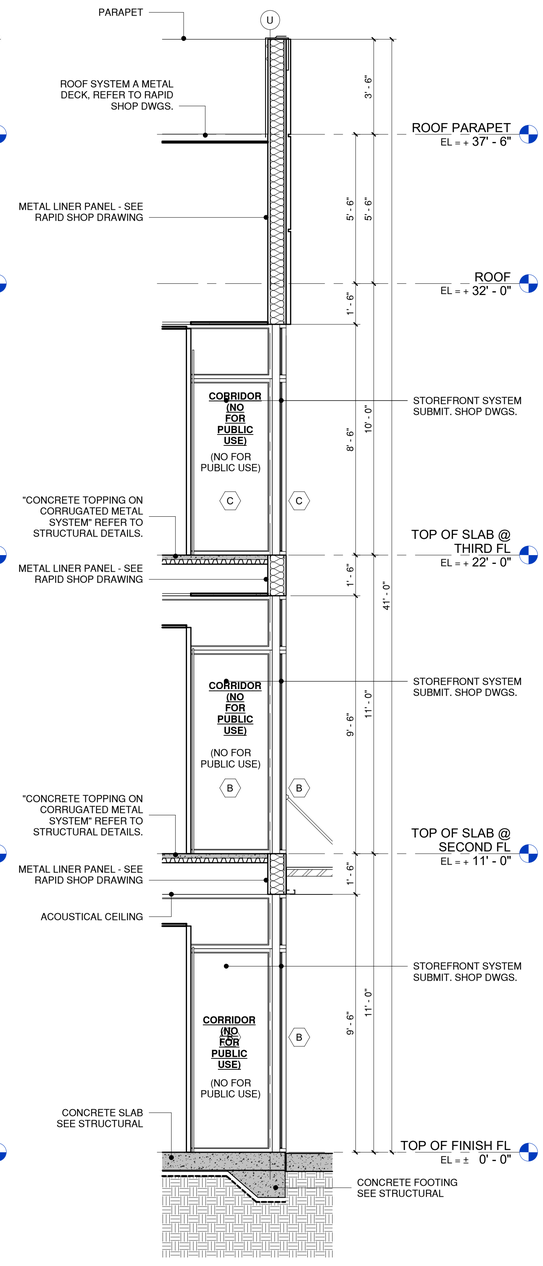
WALL SECTION A-1

1 / A 3.02 **SCALE:** 3/8" = 1'-0"



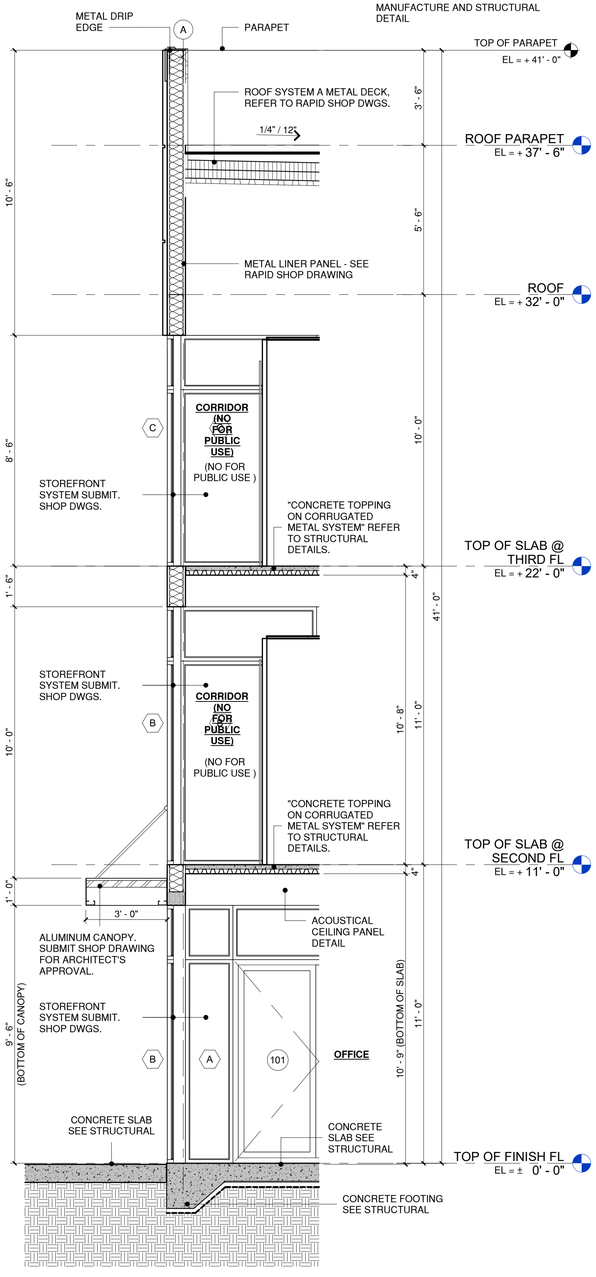
WALL SECTION A-2

2 / A 3.02 **SCALE:** 3/8" = 1'-0"



WALL SECTION B-1

3 / A 3.02 **SCALE:** 3/8" = 1'-0"



WALL SECTION B-2

4 / A 3.02 **SCALE:** 3/8" = 1'-0"

NOTE

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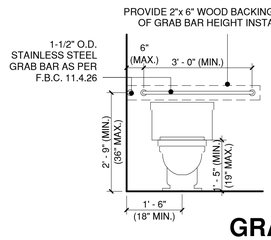
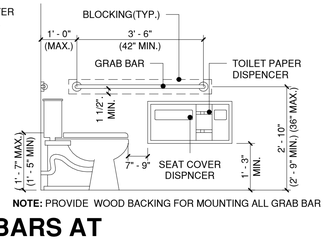
LEOPOLDO BELLON, AIA (AR-8737)

WALL SECTIONS

A 3.02

SHEET OF

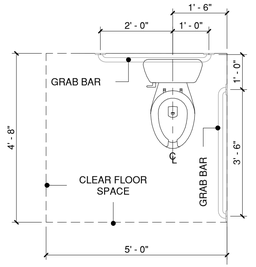


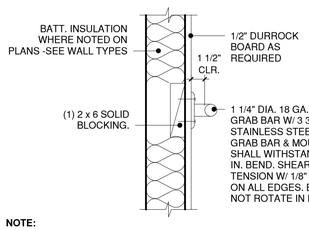


NOTE: PROVIDE WOOD BACKING FOR MOUNTING ALL GRAB BAR

GRAB BARS AT WATER CLOSETS

7 / A 4.01 **SCALE:** N.T.S

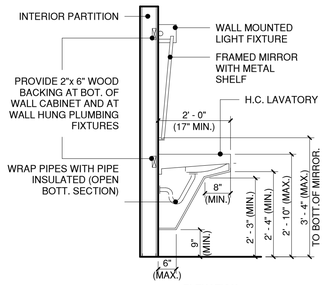




NOTE:
WHEN USING STEEL STUDS TO SUPPORT ANY WALL HUNG FIXTURES, STUDS SHALL BE NOT LESS THAN 20 GA. W/ A MIN. EFFECTIVE MOMENT OF INERTIA EQUAL TO 0.864 IN. (360 M). AS PER FBC 7TH ED. (2020), SCT. 2517.5

TYP. ACCESSIBLE WATER CLOSET PLAN

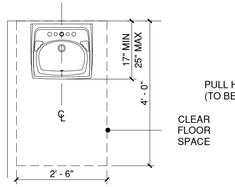
8 / A 4.01 **SCALE:** N.T.S



ELEVATION

WOOD BLOCKING DETAIL

9 / A 4.01 **SCALE:** N.T.S

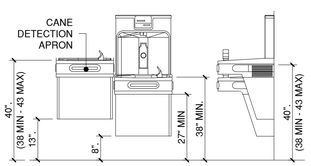


PLAN

GENERAL NOTE:
WATER SUPPLY AND DRAIN PIPE UNDER LAVATOIES AND SINK SHALL BE INSULATED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LVATORIES OR SINK.DIMENTIONS SHOWN ARE FROM FINISHED FACE OF WALL

TYP. ACCESSIBLE LAVATORY

10 / A 4.01 **SCALE:** N.T.S



DRINKING FOUNTAIN / ELECTRIC WATER COOLER

A RECESSED FOUNTAIN

TYP. H.C DRINKING FOUNTAIN

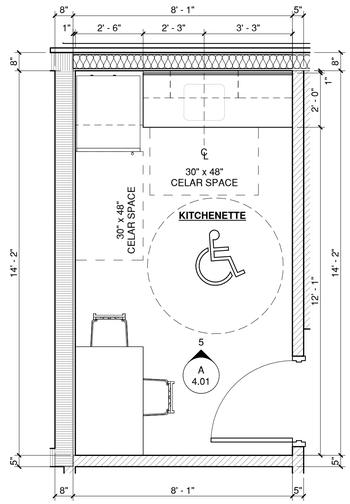
11 / A 4.01 **SCALE:** N.T.S

DRAWING SHOWN HERR ARE FOR IDEATIONAL ACCESSIBILITY PURPOSES ONLY. A SECOND DRINKING FOUNTAIN SHOULD BE PROVIDED AT A MOUNTING HIGH SUITABLE TO PERSONS WITH LIMITED PHYSICAL BENDING ABILITY, ADJACENT TO THE ACCESSIBLE FOUNTAIN, MAINTAINING MIN CLEARANCES NOTES AND REQUIRED TEXTURED AREA OF CONTRASTING COLOR TO IDENTIFY WATER FOUNTAIN LOCATION AS NOTED. WHEN FOUNTAIN IS AT INTERIOR LOCATION, THE TEXTURED AREA SHALL ALSO BE OF DIFFERENT RESILIENCY THAN THAT ADJACENT FLOOR SURFACE FINISH . SEE TYPICAL ACCESSIBILITY NOTES SHEETS FOR ADDITIONAL REQUIREMENTS

SPOUT OUTLETS OF DRINKING FOUNTAINS FOR STANDING PERSONS SHALL BE 38 INCHES (965 MM) MINIMUM AND 43 INCHES (1090 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. FBCA 2023 8TH ED. CHAPTER 602.7

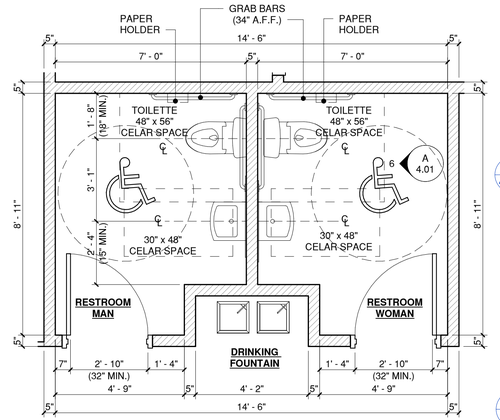
NOTE:
1. WITHIN ALCOVES MIN18" DEEP AND 32" MIN.CLR. WHEN A SINGLE FOUNTAIN IS PERMITTED A . CONTRACTOR SHALL COORDINATE WITH SIZE OF WATER FOUNTAIN IS PERMITTED :
   A. CONTRACTOR SHALL COORDINATE WITH SIZE OF WATER FOUNTAIN TO BE USE AND SIZE ALOVE ACCORDINGLY COMPLY WITH REQUIREMENTS AND RECOMMENDATIONS AND COORDINATING WITH THE ARCHITECT.

2. SEE TYPICAL ACCESSIBILITY NOTES SHEET SECTION "R" & "U". PROJECTED FOUNTAINS
1. WARNING FOR EVICTIONS IMPAIRED AT PROJECT DRINKING FOUNTAIN CAN BE PROVIDED BY EITHER OF THE FOLLOWING MEANS:
   A. THE SURFACE OF THE FLOOR OR GROUND AT THE DRINKING FOUNTAIN CAN BE OF CONTRASTING COLOR WITH A TEXTURE THAT CONTRAST IN RESILIENCY WHT THE ADJACENT FINISHED FLOOR MATERIAL, SO THAT CAN BE SENSED BY CANE WIT THE TEXTURE EXTENDING FROM THE WALL TO ONE FOOT BEYOND WATCH SIDE OF THE FOUNTAIN
   B. INSTALL WING WALLS ON EACH SIDE OF DRINKING FOUNTAIN TO PROJECTS OUT FROM THE MAIN WALL AT LEAST AS FAR AS THE DRINKING FOUNTAIN AND TO WITHIN 6" OF PATH OF TRAVEL FLOOR FINISH. THERE MUST BE 32" CLEAR BETWEEN THE WING WALLS .OR
   C. GUARDRAIL SHALL BE A MIN. OF 32" CLEAR BETWEEN AND PROJECT FROM THE SUPPORT WALL TO THE PROJECTING FACE OF THE FOUNTAIN AND WITHIN 6" OF THE FINISH SURFACE OF THE PATH TRACE
   D. FOUNTAIN & GUARDRAIL, ETC, SHALL NOT REDUCE THE REQUIRED ACCESSIBLE ROUTE/ PATH WIDTH.



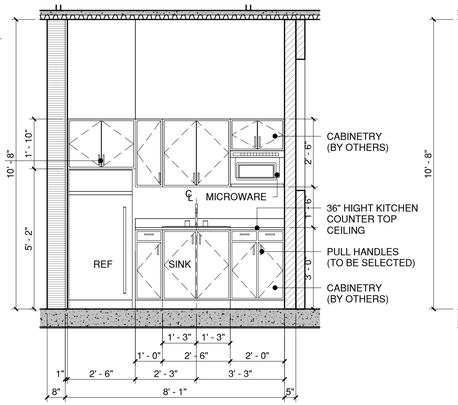
ENLARGED KITCHENETTE PLAN F.H.A.

3 / A 4.01 **SCALE:** 3/8" = 1'-0"



ENLARGED BATHROOM PLAN F.H.A.

4 / A 4.01 **SCALE:** 3/8" = 1'-0"



KITCHENETTE ELEVATION

5 / A 4.01 **SCALE:** 3/8" = 1'-0"

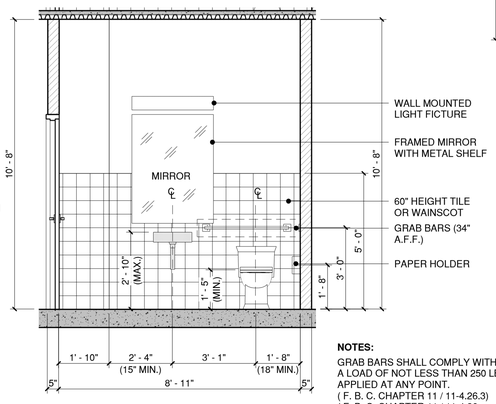
ACCESSIBILITY NOTES

FOR BUILDING ACCESSIBLE TO THE PUBLIC
8TH EDITION 2023 F.B.C.A

1. BUILDING ENTRANCE SHALL BE ON AN ACCESSIBLE ROUTE WITH NO CHANGE IN LEVEL OF MORE THAN 1/2" ALONG ROUTE AND MAX. LEVEL CHANGE OF 1/2" AT ENTRY DOORS OR THRESHOLDS.
2. ALL DOORS IN ACCESSIBLE ROOMS SHALL PROVIDE A CLEAR OPENING OF 32 INCHES WHEN DOOR IS OPEN 90 DEGREES (A STANDARD 34 INCH DOOR PROVIDES AN ACCEPTABLE NOMINAL 32 INCH OPENING)
3. LIGHT SWITCHES, ELECTRICAL OUTLETS, THERMOSTATS AND OTHER ENVIRONMENTAL CONTROLS ARE TO BE LOCATED WITH OPERABLE PARTS NO HIGHER THAN 48 INCHES AND NO LOWER THAN 15 INCHES ABOVE THE FLOOR. iF REACH IS OVER AN OBSTRUCTION SUCH AS A CABINET HEIGHT SHALL BE 44" FOR FORWARD APPROACH AND 46" FOR PARALLEL APPROACH. (NOTE: OBSTRUCTIONS MAY NOT EXTEND MORE THAN 25" FROM WALL).
4. REST ROOMS SHALL BE PROVIDED WITH GRAB BARS AROUND TOILETS, INSTALLED ACCORDING TO THE ILLUSTRATIONS SHOWN. TOILETS SHALL BE INSTALLED SO AS TO ALLOW A GRAB BAR TO BE INSTALLED ON ONE SIDE OF FIXTURE AND MINIMUM CLEARANCE BETWEEN TOILET AND ADJACENT FIXTURES OR WALLS SHALL BE 18". GRAB BARS SHALL BE MOUNTED @ 33" AFF. TOILET HEIGHT SHALL BE 17" TO 19" AS SHOWN, FLOOR MTD AND 30" IN DEPTH. VANITIES AND LAVATORIES SHALL BE A MIN OF 19" WIDE X 17" DEEP AND BE INSTALLED W/ A CLEARANCE OF 5-1/2" DIVIDING LAVATORY AND ADJOINING WALL. FIXTURE RIM SHALL BE A MAXIMUM OF 2'-10" ABOVE FINISHED FLOOR. EXPOSED PIPES SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. FAUCETS SHALL BE LEVER OPERATED, PUSH-TYPE OR ELECTRONIC CONTROLLED.
5. DOOR HARDWARE SHALL HAVE A SHAPE EASY TO GRASP WITHOUT TIGHT GRASPING. ACCEPTABLE DOOR MECHANISMS ARE: LEVER HANDLES, PUSH TYPE HARDWARE, AND U-SHAPED HANDLES. THESE SHALL BE MOUNTED NO HIGHER THAN 48" AFF.
6. TOILET STALL DOOR SWINGS OUT AND SHALL BE SELF CLOSING. DOOR CAN BE HINGED ON EITHER SIDE.
7. TOILET STALL DOOR WIDTH TO BE A MINIMUM OF 32 INCHES.
8. ACCESSIBILITY TO TOILET STALL DOOR SHALL BE IN COMPLIANCE WITH ADA GUIDELINES.
9. TOILET ACCESSORIES TO BE PROVIDED.

NOTES # 1:

REINFORCE WALL AREAS FOR FUTURE INSTALLATION OF GRAB BARS W/16 GAGE STEEL MOUNTING PLATE, (TOP AT 38" A.F.F.) SECURE PLATE TO 20 GAGE METAL STUDS WITH NOT LESS THAN (3) #10 SHEET METAL SCREWS AT EA END, SEE ELEVATIONS (TYPICAL FOR ALL REINFORCEMENT)



BATHROOM ELEVATION

6 / A 4.01 **SCALE:** 3/8" = 1'-0"

CEILING MATERIAL LEGEND:

EXPOSED METAL DECK CEILING

SPRINKLER HEADS IN PUBLIC & UTILITY AREA OF THE FIRST FLOOR SHALL BE PLACED AS NOTED ON THE FIRE PROTECTION DRAWING.

WALL MOUNT ALL UPPER FLOOR EXIT SIGNS, SEE ELECTRICAL DRAWINGS FOR LOCATION

SEE ELECTRICAL DRAWINGS FOR LOCATION OF ADDITIONAL WALL-MOUNTED LIGHTING

NOTE:

PLAN IS FOR TYPICAL INTERIOR LAYOUT ONLY

EXTERIOR WINDOWS AND EXTERIOR DOORS VARY ACCORDING TO FLOOR LEVEL AND PLAN LOCATION. REFER TO OVERALL PLAN FOR THE LOCATION OF EXTERIOR DOORS AND WINDOWS.

NOTES:

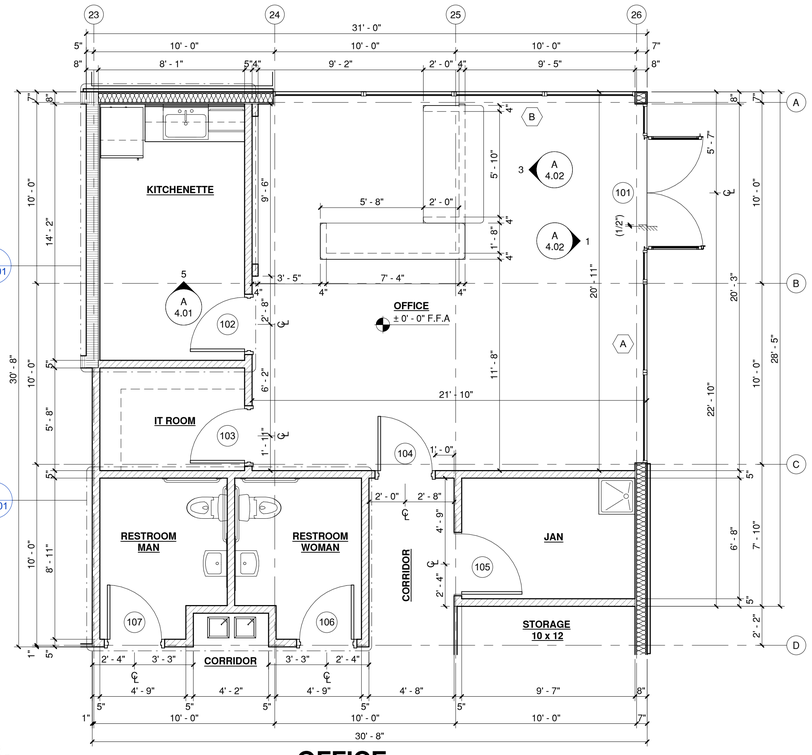
STEEL STUDS AND RUNNERS USED TO CONSTRUCT FIRE-RESISTIVE WALLS OR PARTITIONS SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A525, OF CHANNEL OR "C" TYPE SHAPE AND NOT LESS THAN 0.019" IN THICKNESS IF UNPAINTED AND 0.020" IF PAINTED AFTER GALVANIZING. STRUCTURAL PROPERTIES OF SUCH STUDS AND RUNNERS SHALL COMPLY WITH ASTM C645. SUCH STUDS SHALL BE RIGIDLY CONNECTED TOP AND BOTTOM TO PREVENT SIGNIFICANT END ROTATION OR DISPLACEMENT. AS PER F.B.C.

PROVIDE A MINIMUM 2" x 4" HORIZONTAL WOOD MEMBER, SECURELY FASTENED TO NOT LESS THAN 2 SUCH STUDS, SHALL BE INSTALLED FOR THE ATTACHMENT OF EACH WALL HUNG PLUMBING FIXTURE AND WALL CABINET. AS PER FBC 2905.1(N)(2)

PROVIDE A MINIMUM 2"x 4" HORIZONTAL WOOD MEMBER, SECURELY FASTENED TO NOT LESS THAN 2 SUCH STUDS, SHALL BE INSTALLED FOR THE ATTACHMENT OF EACH WALL HUNG PLUMBING FIXTURE AND WALL CABINET. AS PER F.B.C.

ALL ALIGHT SWITCHES, ELECTRICAL OUTLETS THERMOSTATS AND OTHER ENVIRONMENTAL CONTROLS WILL BE LOCATED IN ACCESSIBLE LOCATIONS. AS PER SECTION 3 FAIR HOUSING ACT DESIGN AND CONSTRUCTION REQUIREMENTS SECTION 100.205 C. 3 i F.B.C.

NOTES:
GRAB BARS SHALL COMPLY WITH: A LOAD OF NOT LESS THAN 250 LBS. APPLIED AT ANY POINT.
(F. B. C. CHAPTER 11 / 11-4.26.3)
(F. B. C. CHAPTER 11 / 11-4.26. FIGURE 29)

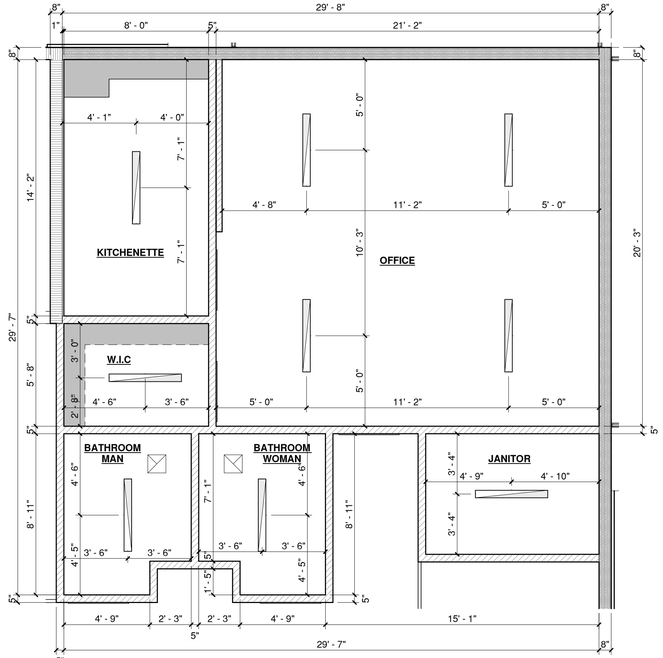


3 / A 4.01

4 / A 4.01

OFFICE

1 / A 4.01 **SCALE:** 1/4" = 1'-0"



RCP OFFICE

2 / A 4.01 **SCALE:** 1/4" = 1'-0"

CEILING LEGEND:

E.F. EXHAUST FAN

LINEAR UP/DOWN 4' LED PENDANT LIGHT - SELECTABLE CCT & WATTAGE - DIRECT/INDIRECT LIGHTING - UP TO 6,500 LUMENS - BLACK FINISH BY PART NUMBER: UDLA-SW3C50-BK

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PROJECT No.: LB780

DRAWN BY: FM, YP, AP

CHECKED BY: LB

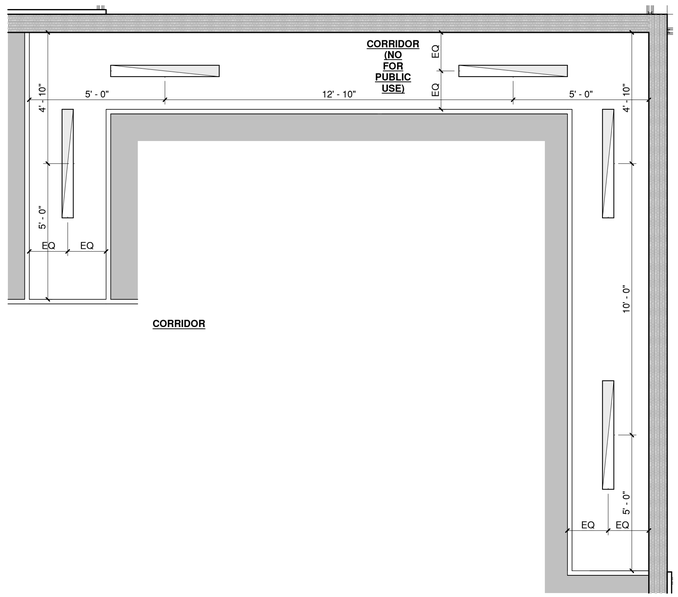
DATE: 11 - 11 - 2024

LEOPOLDO BELLON, AIA (AR-8737)

ENLARGED OFFICE AND LOBBY PLAN

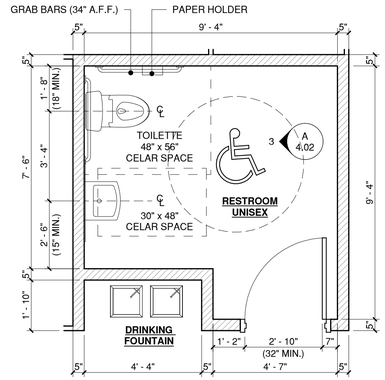
A 4.01

SHEET OF



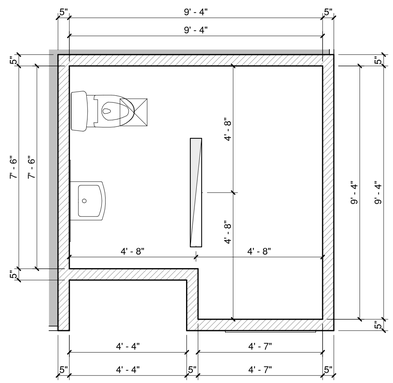
R.C.P. CORRIDOR SECOND AND THIRD FLOOR

4 / A 4.02 **SCALE:** 3/8" = 1'-0"



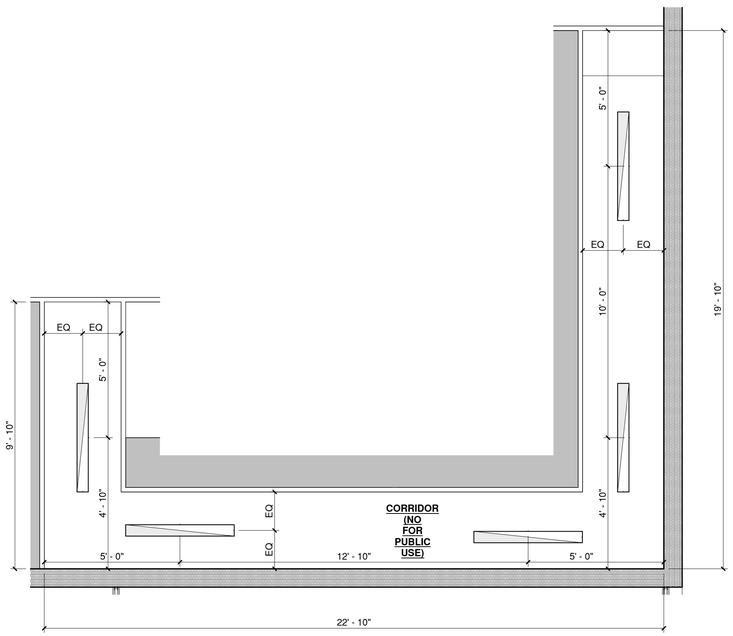
ENLARGED BATHROOM PLAN F.H.A.

1 / A 4.02 **SCALE:** 3/8" = 1'-0"



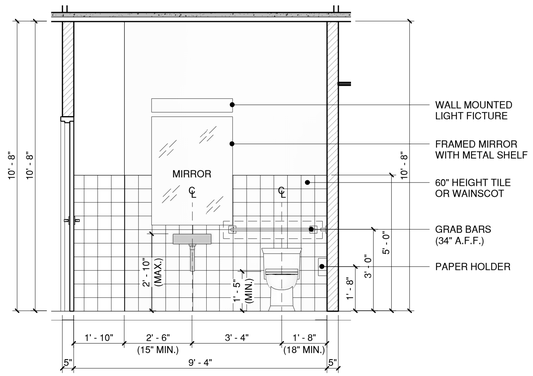
ENLARGED BATHROOM PLAN F.H.A.

2 / A 4.02 **SCALE:** 3/8" = 1'-0"



R.C.P. CORRIDOR GROUND TO THIRD FLOOR

5 / A 4.02 **SCALE:** 3/8" = 1'-0"



BATHROOM ELEVATION 2

3 / A 4.02 **SCALE:** 3/8" = 1'-0"

CEILING LEGEND:

E.F. EXHAUST FAN

LINEAR UP/DOWN 4' LED PENDANT LIGHT - SELECTABLE CCT & WATTAGE - DIRECT/INDIRECT LIGHTING - UP TO 6,500 LUMENS - BLACK FINISH BY PART NUMBER: UDLA-SW3C50-BK

NOTES:

GRAB BARS SHALL COMPLY WITH:
A LOAD OF NOT LESS THAN 250 LBS.
APPLIED AT ANY POINT.
(F. B. C. CHAPTER 11 / 11-4.26.3)
(F. B. C. CHAPTER 11 / 11-4.26. FIGURE 29)

CEILING MATERIAL LEGEND:

EXPOSED METAL DECK CEILING

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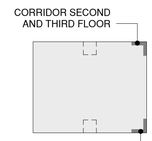

KEY PLAN

N

1" = 160'-0"

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PROJECT No.: LB780

DRAWN BY: FM, YP, AP

CHECKED BY: LB

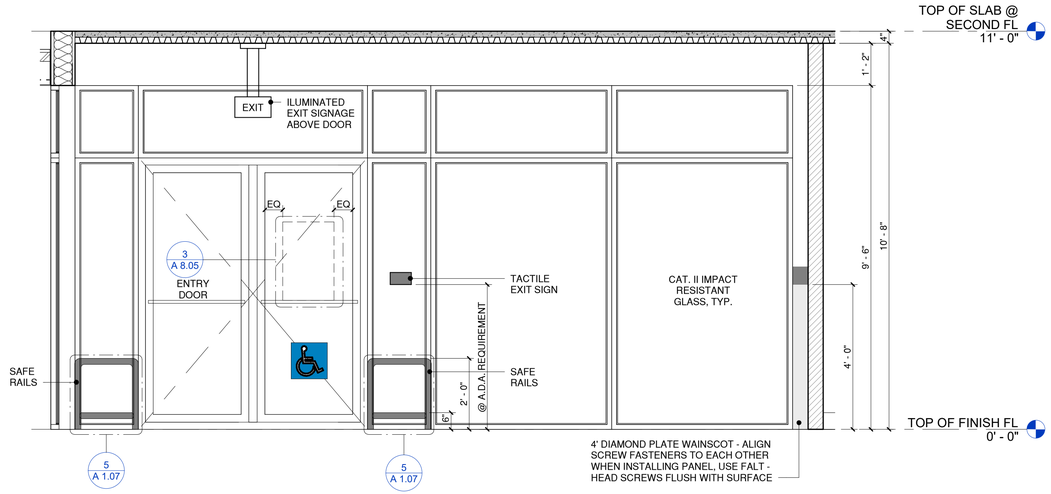
DATE: 11 - 11 - 2024

LEOPOLDO BELLON, AIA (AR-8737)

ENLARGED TOILET ROOM AND ELEVATIONS

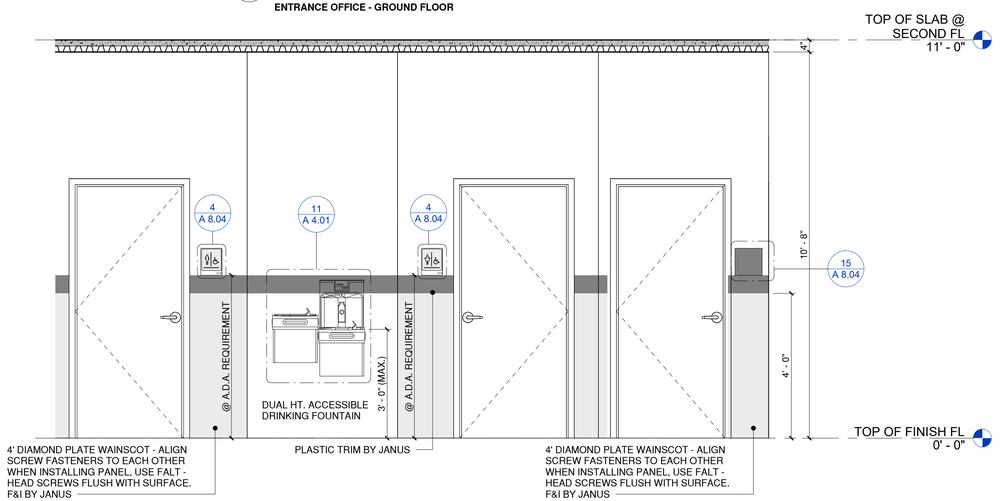
A 4.02

SHEET OF



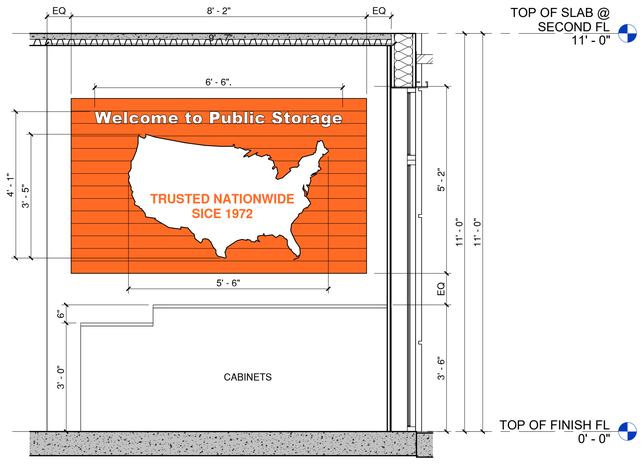
INTERIOR ELEVATION

1 / A 4.03 **SCALE:** 1/2" = 1'-0"
ENTRANCE OFFICE - GROUND FLOOR



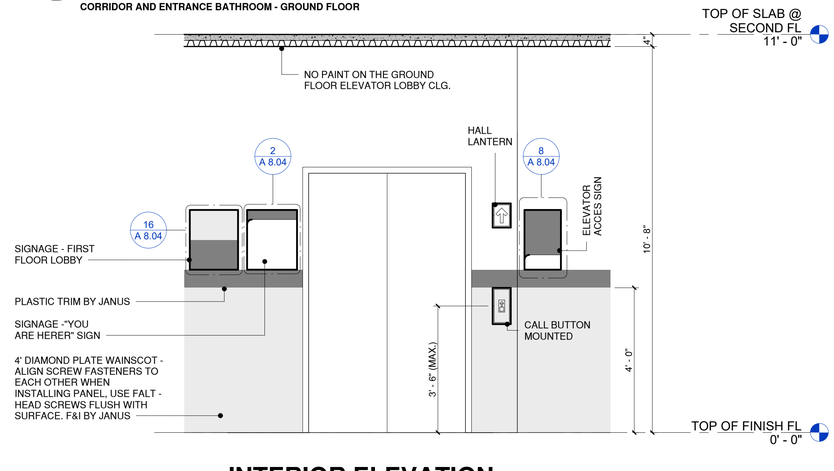
INTERIOR ELEVATION

2 / A 4.03 **SCALE:** 1/2" = 1'-0"
CORRIDOR AND ENTRANCE BATHROOM - GROUND FLOOR



INTERIOR ELEVATION

3 / A 4.03 **SCALE:** 1/2" = 1'-0"



INTERIOR ELEVATION

4 / A 4.03 **SCALE:** 1/2" = 1'-0"
ELEVATOR - GROUND FLOOR

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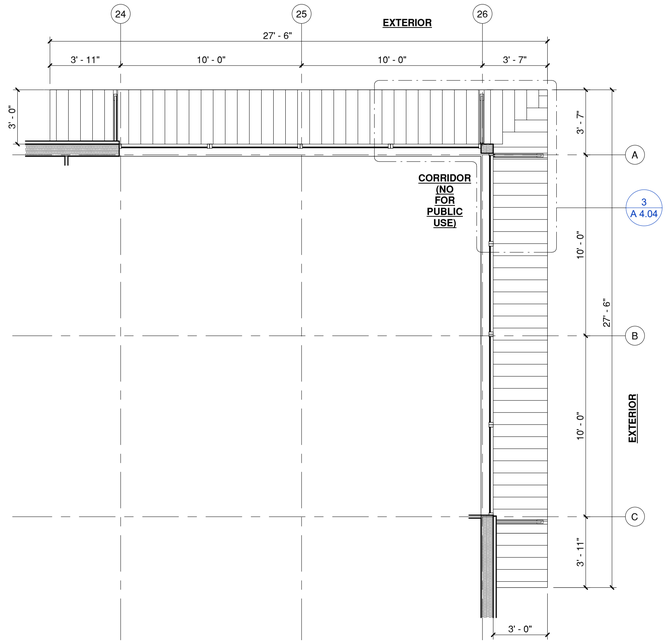
PROJECT No.:	LB780
DRAWN BY:	FM, YP, AP
CHECKED BY:	LB
DATE:	11 - 11 - 2024

LEOPOLDO BELLON, AIA
(AR-8737)

LOBBY AND BREAK ROOM
INTERIOR ELEVATIONS

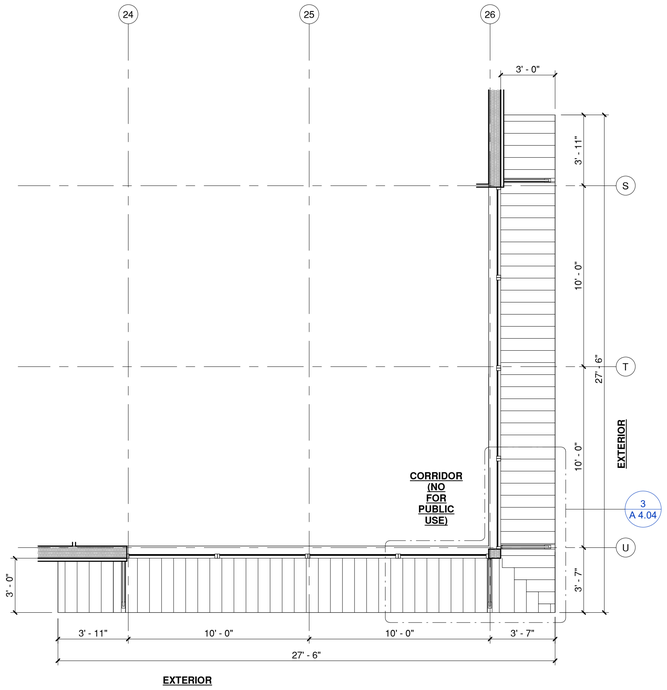
A 4.03

SHEET OF



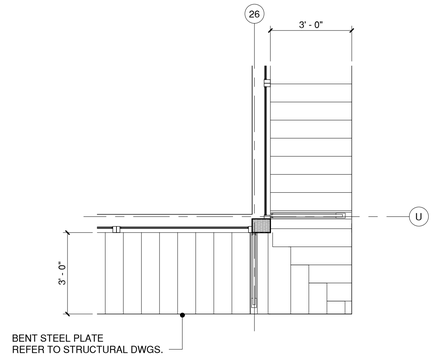
CANOPY No. 1 DETAILS

1 / A 4.04 **SCALE:** 1/4" = 1'-0"



CANOPY No. 2 DETAILS

2 / A 4.04 **SCALE:** 1/4" = 1'-0"

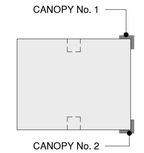


COMPOSITE SOFFIT CORNER DETAIL

3 / A 4.04 **SCALE:** 3/8" = 1'-0"

NOTE:

SUBMIT SHOP DRAWING FOR ARCHITECT'S APPROVAL.



KEY PLAN

N

1" = 160'-0"

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PROJECT No.:	LB780
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CHECKED BY:	LB
DATE:	11 - 11 - 2024

LEOPOLDO BELLON, AIA (AR-8737)

CANOPY DETAILS

A 4.04

SHEET OF

CEILING LEGEND:

- WALL MOUNTED LIGHTS
- 4' LED STRIP WITH EMERGENCY BATTERY PACK (HUNG LIGHT FIXTURE)
- CLG. HUNG LIGHT FIXTURE
- EXIT — WALL MOUNTED EXIT LIGHT FIXTURE
- EMERGENCY LIGHT
- WALL MOUNTED LIGHT

CEILING MATERIAL LEGEND:

EXPOSED METAL DECK CEILING

SPRINKLER HEADS IN PUBLIC & UTILITY AREA OF THE FIRST FLOOR SHALL BE PLACED AS NOTED ON THE FIRE PROTECTION DRAWING.

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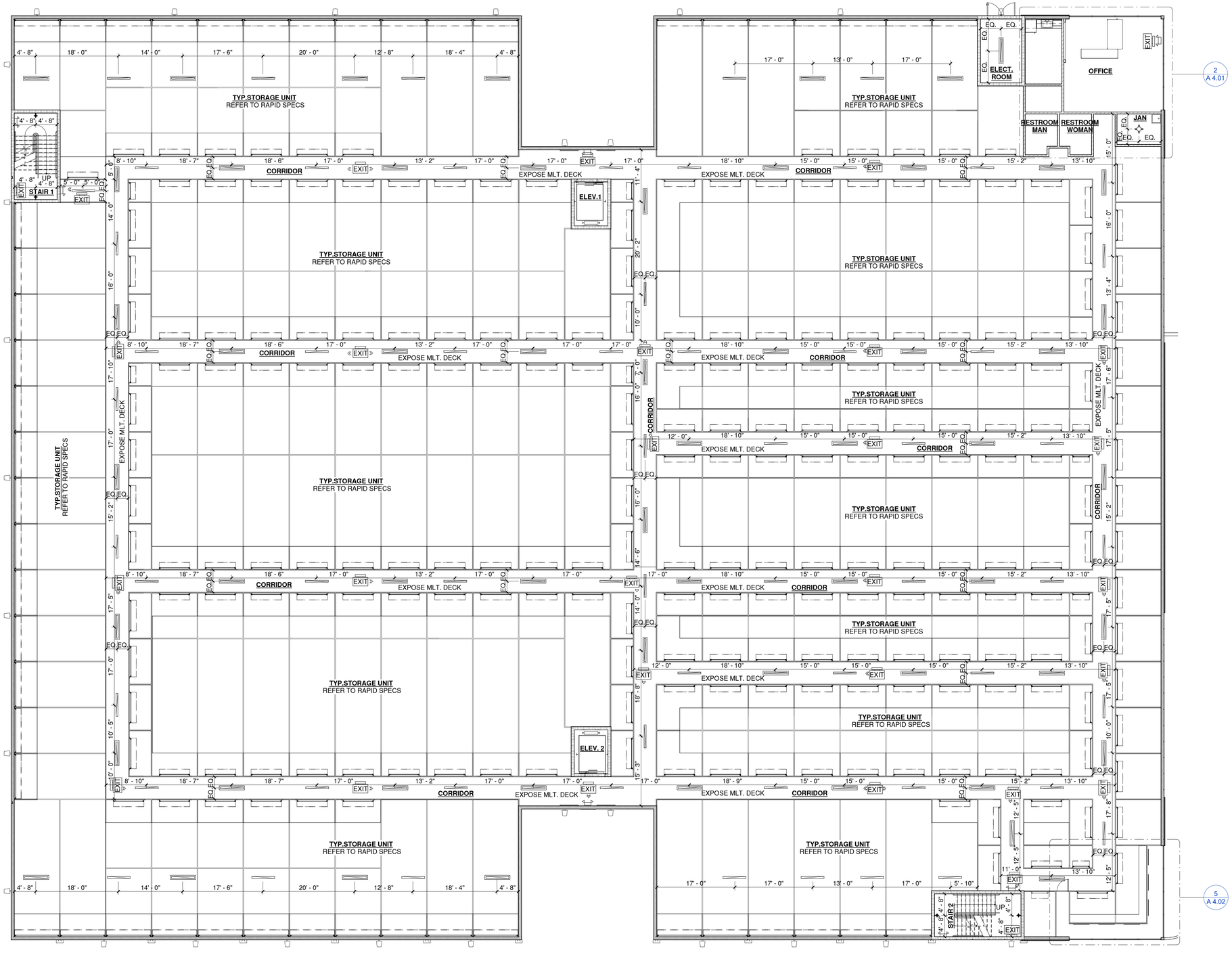

R.C.P. GROUND FLOOR

3/32" = 1'-0"

N

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LEOPOLDO BELLON, AIA (AR-8737)

RELECTED CEILING GROUND FLOOR

A 5.01

SHEET OF

CEILING LEGEND:

- WALL MOUNTED LIGHTS
- 4' LED STRIP WITH EMERGENCY BATTERY PACK (HUNG LIGHT FIXTURE)
- CLG. HUNG LIGHT FIXTURE
- EXIT — WALL MOUNTED EXIT LIGHT FIXTURE
- EMERGENCY LIGHT
- WALL MOUNTED LIGHT

CEILING MATERIAL LEGEND:

EXPOSED METAL DECK CEILING

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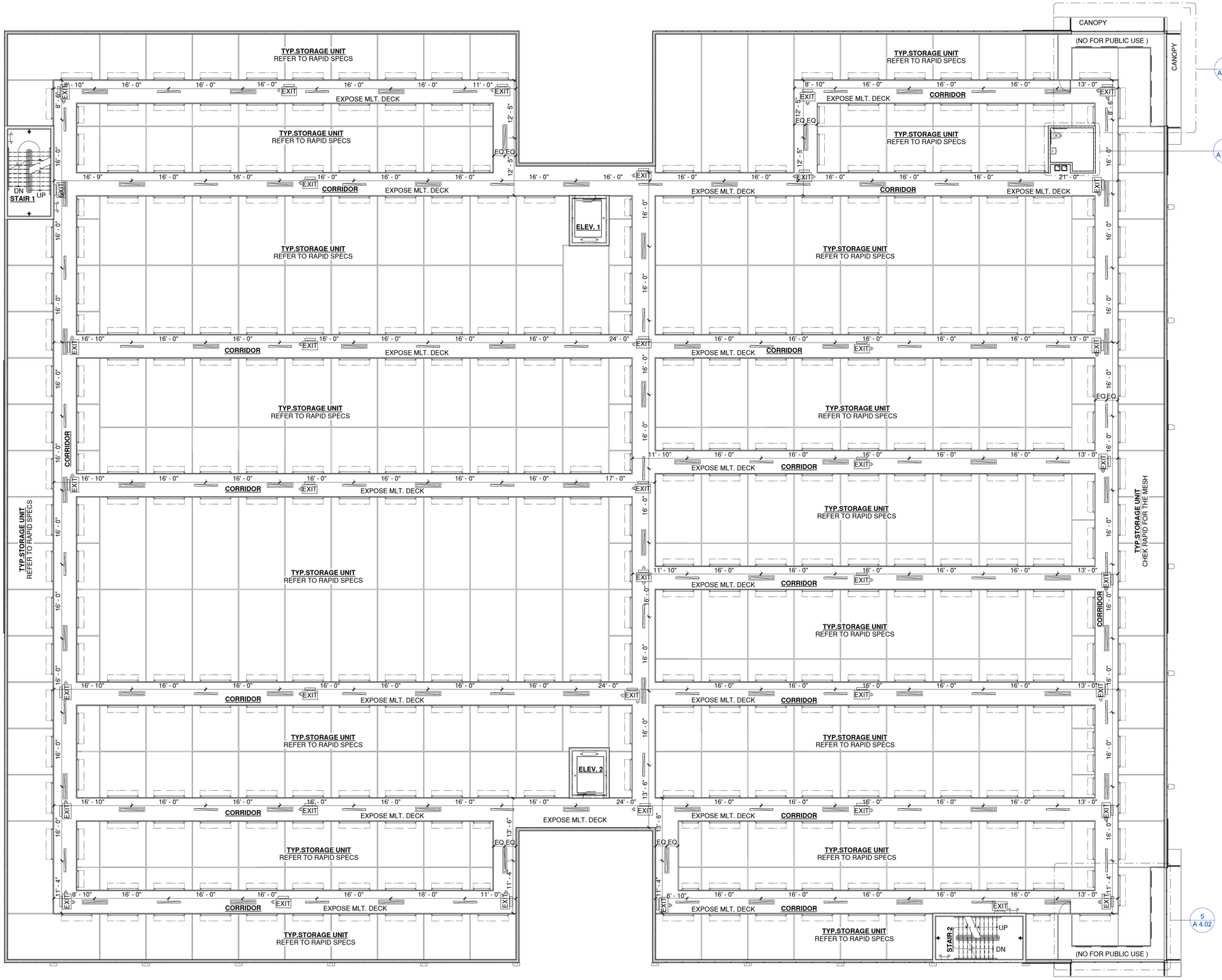

R.C.P. SECOND FLOOR

3/32" = 1'-0"

N

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LEOPOLDO BELLON, AIA
(AR-8737)

RELECTED CEILING
SECOND FLOOR

A 5.02

SHEET OF

CEILING LEGEND:

- WALL MOUNTED LIGHTS
- 4' LED STRIP WITH EMERGENCY BATTERY PACK (HUNG LIGHT FIXTURE)
- CLG. HUNG LIGHT FIXTURE
- EXIT — WALL MOUNTED EXIT LIGHT FIXTURE
- EMERGENCY LIGHT
- WALL MOUNTED LIGHT

CEILING MATERIAL LEGEND:

EXPOSED METAL DECK CEILING

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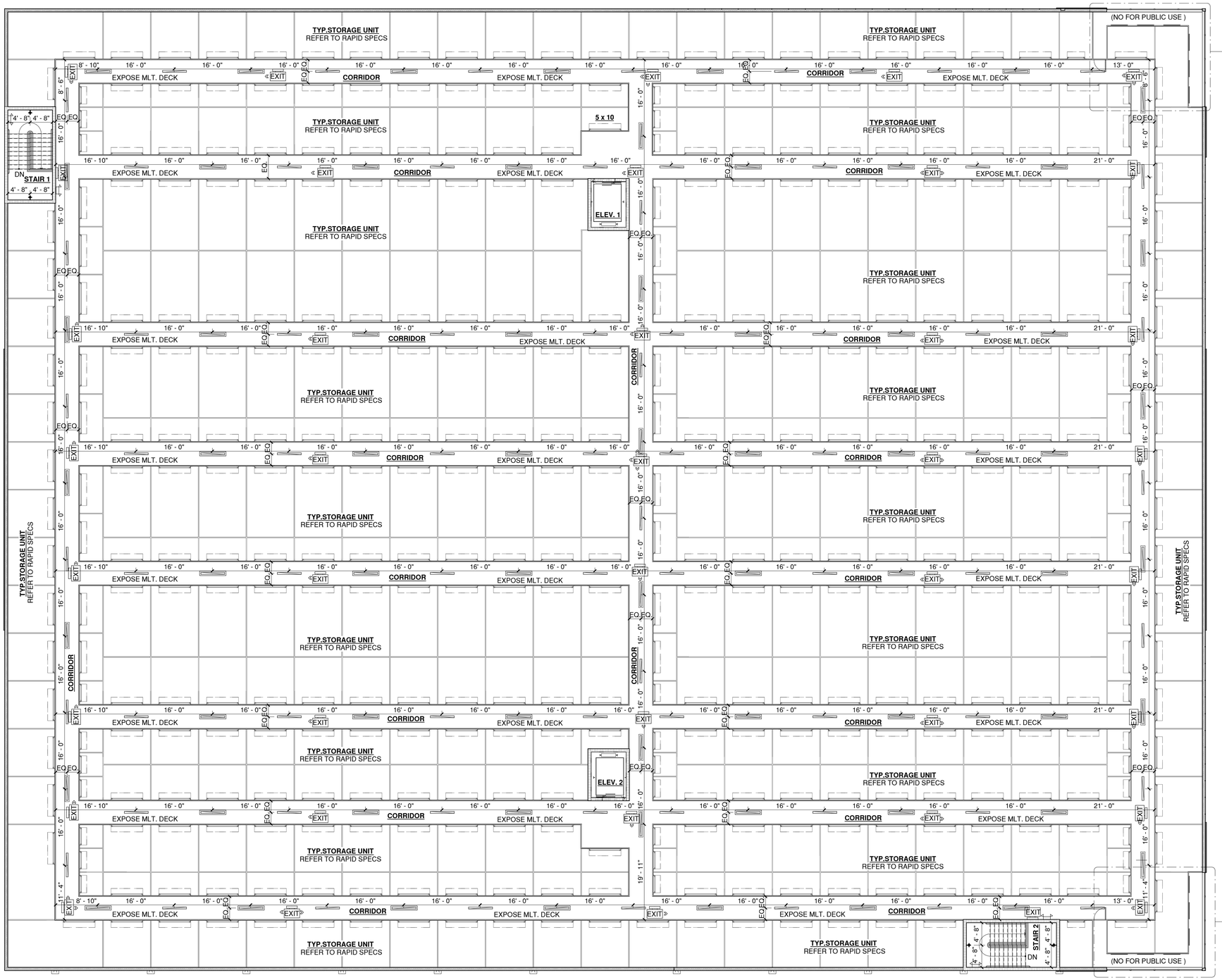
NOTE:

PLAN IS FOR TYPICAL INTERIOR LAYOUT ONLY

EXTERIOR WINDOWS AND EXTERIOR DOORS VARY ACCORDING TO FLOOR LEVEL AND PLAN LOCATION. REFER TO OVERALL PLAN FOR THE LOCATION OF EXTERIOR DOORS AND WINDOWS.



R.C.P. THIRD FLOOR

3/32" = 1'-0"

N

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CHECKED BY:	LB
DATE:	11 - 11 - 2024

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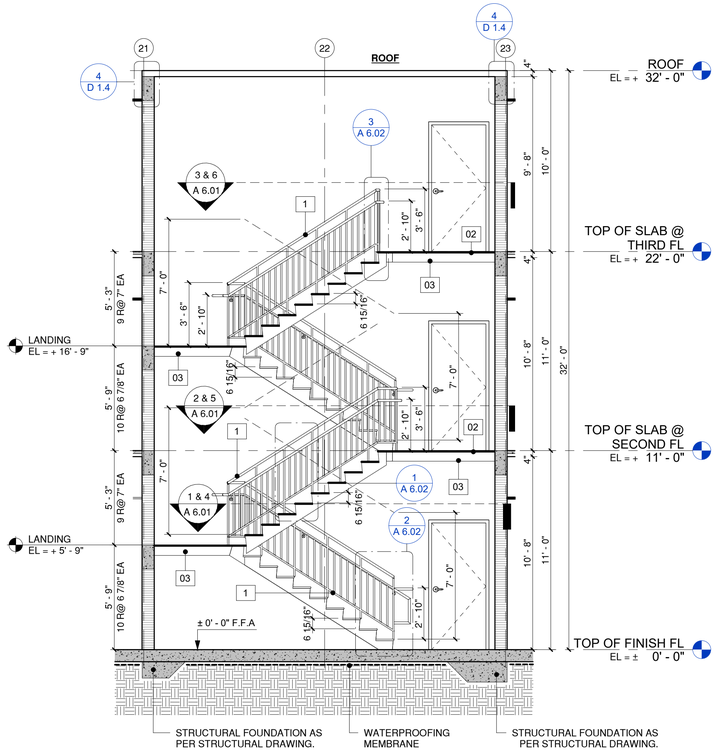
(AR-8737)

RELECTED CEILING THIRD FLOOR

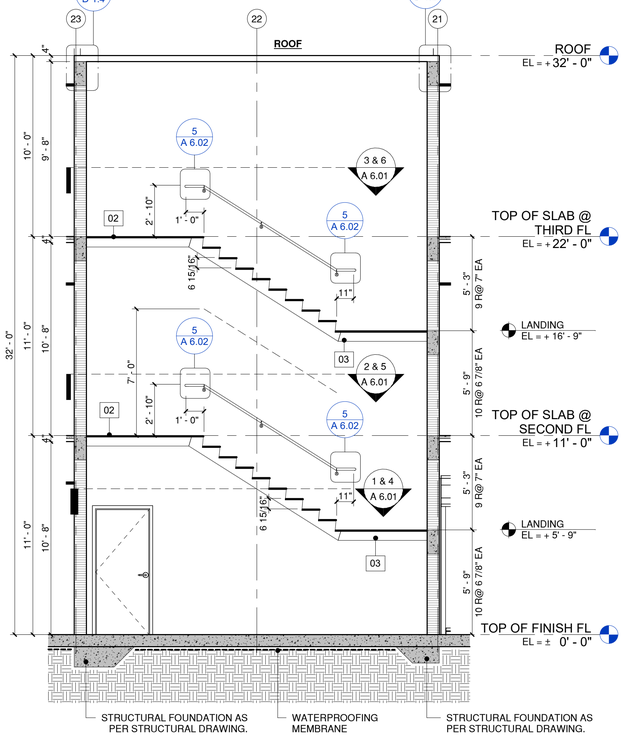
A 5.03

SHEET OF



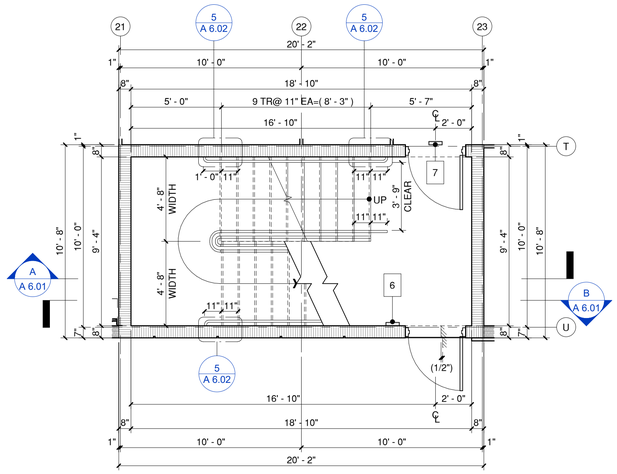
SECTION A STAIR 1 & 2

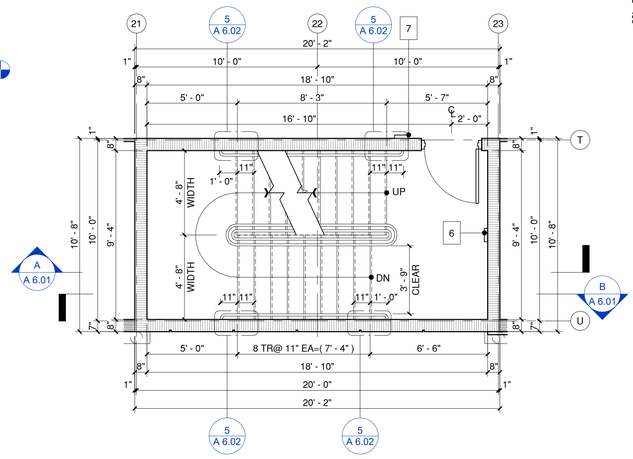
A / A 6.01 **SCALE:** 1/4" = 1'-0"

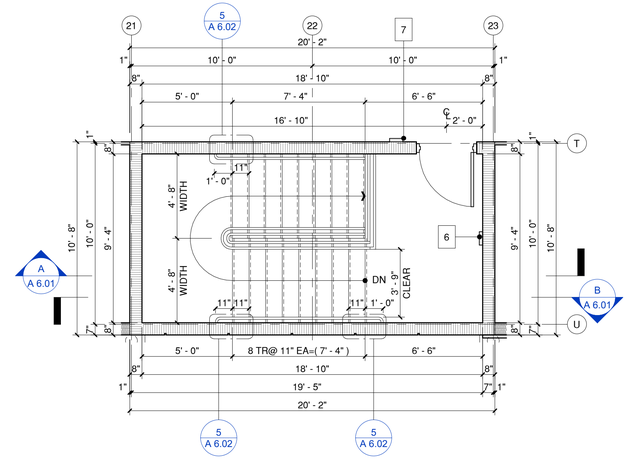


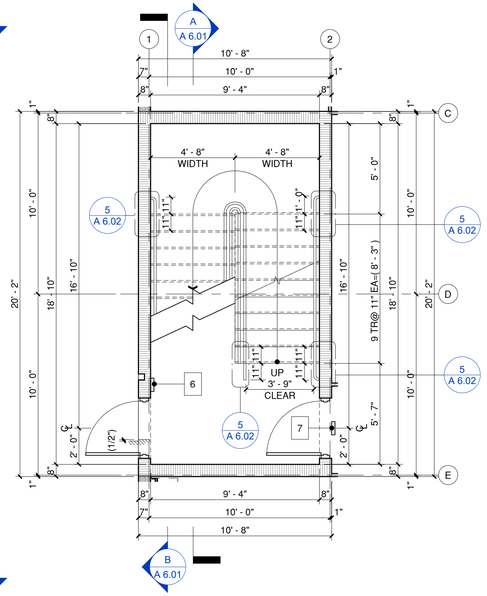
SECTION B STAIR 1 & 2

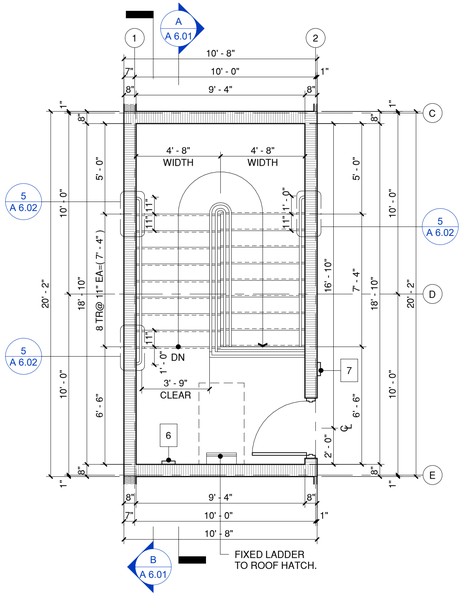
B / A 6.01 **SCALE:** 1/4" = 1'-0"

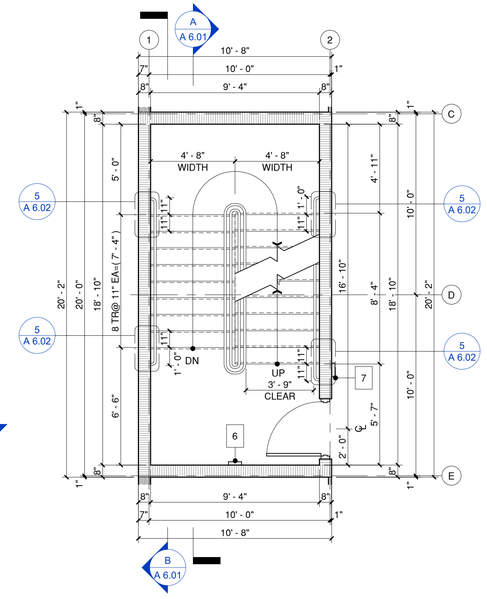










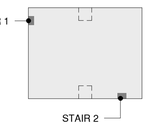


STAIR KEY NOTES

KEY VALUE	KEYNOTE DESCRIPTION
01	3' - 6" HIGH SAFEGUARD TO MET CODE REQUIREMENTS AS SPECIFIED ON SHEET 6.02 (MANUFACTURER TO SUBMIT SHOP DRAWINGS TO ARCHITECT PRIOR TO FABRICATION
02	COORDINATE STAIR FINISH WITH OWNER PRIOR TO FABRICATION TO ASSURE PROPER FINISH RISER HEIGHT.
03	METAL STRUCTURE (CONTRACTOR TO PROVIDE MANUFACTURE'S TO SUBMIT SHOP DRAWINGS TO ARCHITECT PRIOR TO FABRICATION)
04	RAILING WITH PICKETS TO REJECT A 4" DIAMETER OBJECT.(SEE DETAIL ON SHEET A-6.02)
05	HANDRAIL (SEE DETAIL ON SHEET A-6.02)
06	TACTILE "EXIT" SIGNAGE SHALL BE INSTALLED ADJACENT TO LATCH SIDE OF EXIT STAIR DOORS AT 60" AFF PER 1011.4 F.B.C. THIS "EXIT SIGN IS TO BE PLACED OUTSIDE THE STAIRS AT EACH FLOOR.
07	PROVIDE FLOOR IDENTIFICATION SIGNS AT EACH LEVEL OF STAIRS OF BLDGS. OVER THREE STORIES AS PER 1022.9 F.B.C. THIS SIGN TO BE PLACED INSIDE THE STAIRS AT EACH FLOOR.

NOTES:

STAIR MANUFACTURER TO PROVIDE SHOP DWG'S AND PRODUCT APPROVALS WITH ATTACHMENT DETAIL. STAIR SHOP DWG'S WILL PREVAIL OVER ARCHITECTURAL DWG'S.



KEY PLAN

N

1" = 160'-0"

NOTE ON LEVELS:

UNLESS SPECIFIED, LEVELS ARE SHOWN D.A.T.U.M.

± 0' - 0" D.A.T.U.M. = + 130.00' N.G.V.D.

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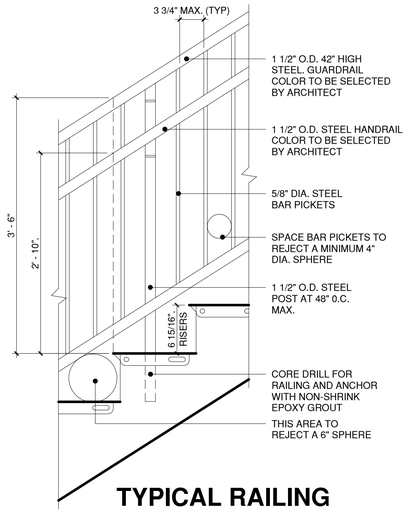
STAIRS PLANS AND SECTIONS

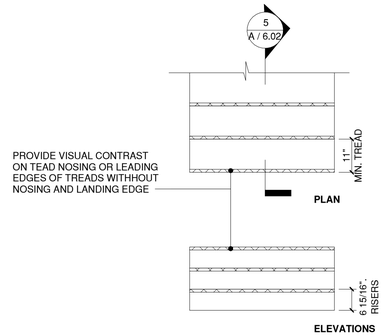
A 6.01

SHEET OF



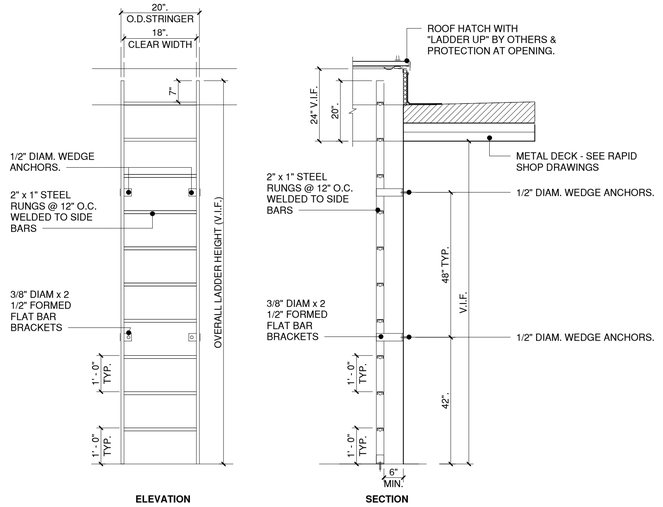
TYPICAL RAILING DETAILS 1

1 / A 6.02 **SCALE:** N.T.S



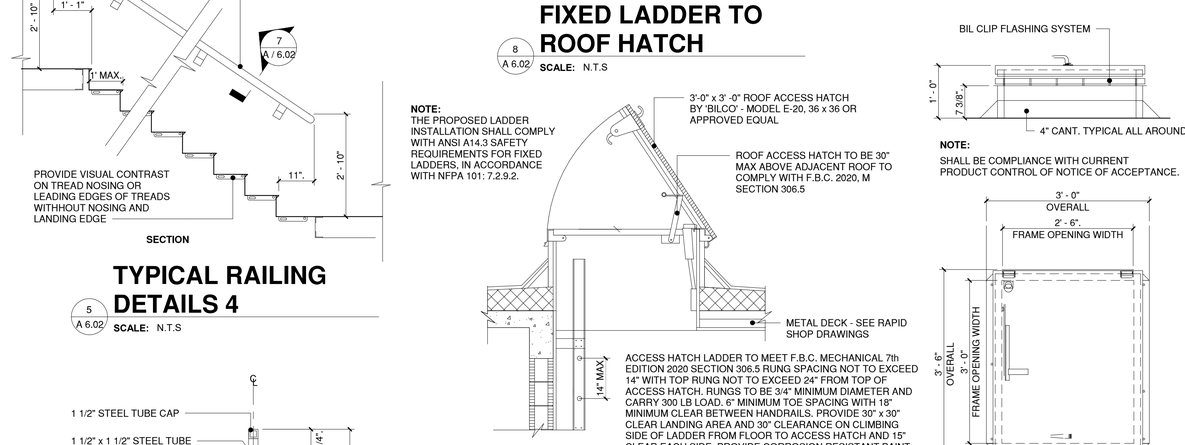
STAIR DETAIL

4 / A 6.02 **SCALE:** N.T.S



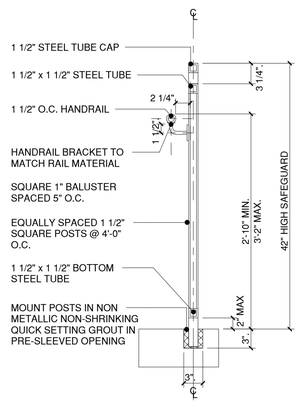
FIXED LADDER TO ROOF HATCH

8 / A 6.02 **SCALE:** N.T.S



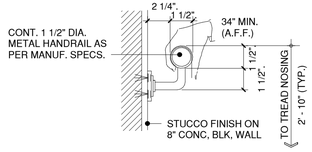
TYPICAL RAILING DETAILS 4

5 / A 6.02 **SCALE:** N.T.S



STAIR RAILING POST W/ HANDREAIL

6 / A 6.02 **SCALE:** N.T.S



HANDRAIL DETAIL

7 / A 6.02 **SCALE:** N.T.S

TYPICAL RAILING DETAILS 3

2 / A 6.02 **SCALE:** N.T.S

TYPICAL RAILING DETAILS 2

3 / A 6.02 **SCALE:** N.T.S

NOTE:
THE PROPOSED LADDER INSTALLATION SHALL COMPLY WITH ANSI A14.3 SAFETY REQUIREMENTS FOR FIXED LADDERS, IN ACCORDANCE WITH NFPA 101: 7.2.9.2.

ACCESS HATCH LADDER TO MEET F.B.C. MECHANICAL 7th EDITION 2020 SECTION 306.5 RUNG SPACING NOT TO EXCEED 14" WITH TOP RUNG NOT TO EXCEED 24" FROM TOP OF ACCESS HATCH. RUNGS TO BE 3/4" MINIMUM DIAMETER AND CARRY 300 LB LOAD. 6" MINIMUM TOE SPACING WITH 18" MINIMUM CLEAR BETWEEN HANDRAILS. PROVIDE 30" x 30" CLEAR LANDING AREA AND 30° CLEARANCE ON CLIMBING SIDE OF LADDER FROM FLOOR TO ACCESS HATCH AND 15" CLEAR EACH SIDE. PROVIDE CORROSION RESISTANT PAINT FINISH APPROVED BY BUILDING OFFICIAL. ACCESS LADDER TO BE PERMANENT FIXTURE

PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO INSTALLATION

ACCESS HATCH & LADDER

9 / A 6.02 **SCALE:** N.T.S

NOTE:
SHALL BE COMPLIANCE WITH CURRENT PRODUCT CONTROL OF NOTICE OF ACCEPTANCE.

ACCESS HATCH DETAILS

10 / A 6.02 **SCALE:** N.T.S

GENERAL STAIR NOTE

ALL STAIRS ENCLOSURE DOORS SHALL PERMIT REENTRY FROM THE STAIR ENCLOSURE TO THE INTERIOR OF THE BUILDING OR AN AUTOMATIC RELEASE SHALL BE PROVIDED TO UNLOCK ALL STAIR ENCLOSURE DOORS TO PERMIT REENTRY. SUCH AUTOMATIC RELEASE SHALL BE ACTUATED WITH THE INITIATION OF THE BUILDING FIRE ALARM SYSTEM

PROVIDE ACCESSIBLE SIGNAGE ON LATCH SIDE OF DOOR AT 80" A.F.F. AT EXIST STAIRS, TYPICAL THROUGHOUT FLOORS

STAIR IDENTIFICATION SIGNS

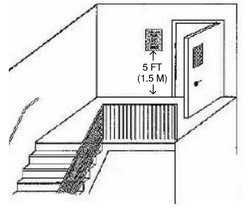
7.2.2.5.4* STAIR IDENTIFICATION SIGNS: STAIR SERVING FIVE OR MORE STORIES SHALL BE PROVIDED WITH SIGNAGE WITHIN THE ENCLOSURE AT EACH FLOOR LANDING. THE SIGNAGE SHALL INDICATE THE STORY, THE TERMINUS OF THE TOP AND BOTTOM OF THE STAIR ENCLOSURE. THE SIGNAGE ALSO SHALL STATE THE STORY, OF AND THE DIRECTION TO, EXIT DISCHARGE. THE SIGNAGE SHALL BE INSIDE THE ENCLOSURE LOCATED APPROXIMATELY 5 FEET (1.5 M) ABOVE THE FLOOR LANDING IN A POSITION THAT IS READLY VISIBLE WHEN THE DOOR IS IN THE OPEN OR CLOSED POSITION. THE FLOOR LEVEL DESIGNATION SHALL ALSO BE TACTILE IN CCORDANCE WITH ICC / ASI A 117.1

NORTH STAIR

FLOOR

5

SUB - BASEMENT
TO 24TH FLOOR
NO ROOF ACCESS
DOWN TO FIRST FLOOR
EXIT DISCHARGE



TYPICAL RAILING NOTES FOR ALL RAILINGS:

1. HANDRAILS SHALL BE CONSTRUCTED TO RESIST A LOAD NOT LESS THAN 200 POUNDS APPLIED IN ANY DIRECTION AND ANY POINT ON THE RAIL.
2. THE CLEAR SPACE BETWEEN HANDRAILS AND WALL SHALL BE 2 1/4" IN.
3. ENDS OF HANDRAILS SHALL BE EITHER ROUNDED OR RETURNED SMOOTHLY TO FLOOR.
4. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ALL STAIRS, RAILINGS AND GUARDRAILS FOR APPROVAL.
5. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL BEFORE INSTALLATION.

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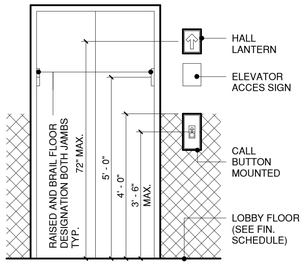
STAIR RAILING DETAILS AND ROOF HATCH

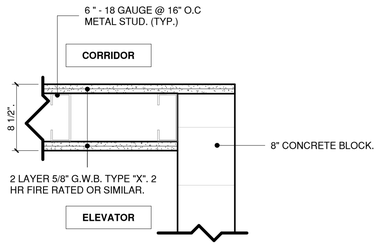
A 6.02

SHEET OF



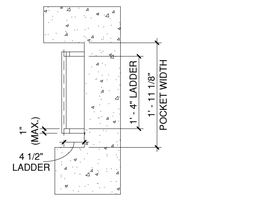
ELEVATOR DOOR ELEVATION

1 / A 6.03 **SCALE:** N.T.S



WALL DETAILS

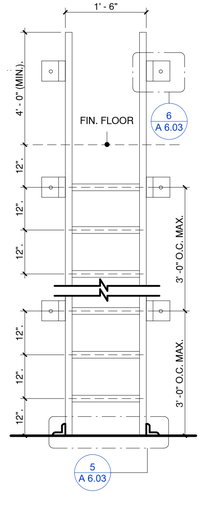
7 / A 6.03 **SCALE:** N.T.S



LADDER AND POCKET DETAIL

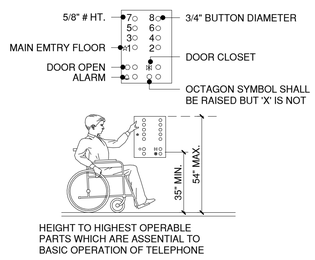
LADDER DETAIL

2 / A 6.03 **SCALE:** N.T.S



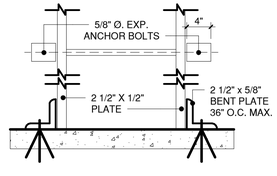
LADDER DETAIL

4 / A 6.03 **SCALE:** N.T.S



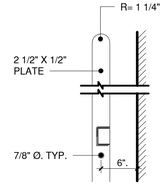
CAR CONTROL HEIGHT

3 / A 6.03 **SCALE:** N.T.S



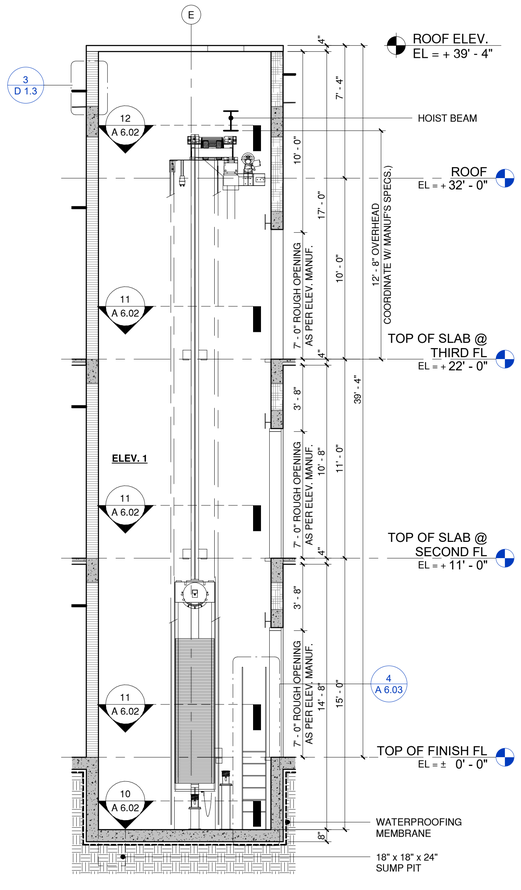
LADDER DETAIL

5 / A 6.03 **SCALE:** N.T.S



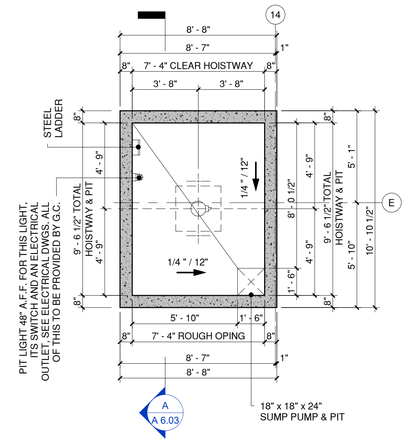
LADDER DETAIL

6 / A 6.03 **SCALE:** N.T.S



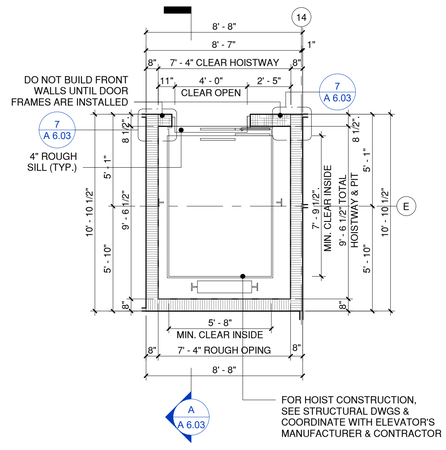
SECTION A - ELEV 1 & 2

A / A 6.03 **SCALE:** 1/4" = 1'-0"



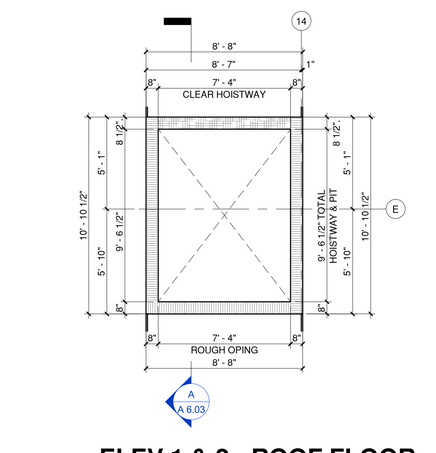
ELEV 1 & 2 - PIT FLOOR

10 / A 6.03 **SCALE:** 1/4" = 1'-0"



ELEV 1 & 2 GROUND TO THIRD FLOOR

11 / A 6.03 **SCALE:** 1/4" = 1'-0"



ELEV 1 & 2 - ROOF FLOOR

12 / A 6.03 **SCALE:** 1/4" = 1'-0"

ACCESSIBILITY MIN. DIMS.

INSIDE DIMENSIONS OF ELEVATOR CARS AND CLEAR WIDTH OF ELEVATOR DOORS SHALL COMPLY WITH 2023 FBC CHAPTER 30 ELEVATOR AND CONVEYING SYSTEMS
3002.4 ELEVATOR CAR TO ACCOMMODATE AMBULANCE STRETCHER.
ANY BUILDING THAT IS MORE THAN THREE STORIES HIGH OR WHICH THE VERTICAL DISTANCE BETWEEN THE BOTTOM LANDING AND THE TOP TERMINAL LANDING EXCEEDS 25 FEET, MUST BE CONSTRUCTED TO CONTAIN AT LEAST ONE PASSENGER ELEVATOR THAT IS OPERATIONAL FOR BUILDING OCCUPANTS AND FIRE DEPARTMENT EMERGENCY ACCESS TO ALL FLOORS. THE ELEVATOR CAR SHALL BE OF SUCH A SIZE AND ARRANGEMENT TO ACCOMMODATE AN AMBULANCE STRETCHER 24" BY 76" WITH NOT LESS THAN 5 INCH RADIUS CORNER, IN THE HORIZONTAL, OPEN POSITION AND SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL FOR EMERGENCY MEDICAL SERVICES. THE SYMBOL SHALL BE NOT LESS THAN 3 INCHES IN HEIGHT AND SHALL BE PLACED INSIDE ON BOTH SIDES THE HOIST WAY DOOR FRAME.

INSIDE DIMENSIONS OF ELEVATOR CARS AND CLEAR WIDTH OF ELEVATOR DOORS SHALL COMPLY WITH 2023 FBC ACCESSIBILITY TABLE 407.4.1.

DOOR CLEAR WIDTH - 42"
INSIDE CAR SIDE TO SIDE - 80" MIN
INSIDE CAR, BACK TO FRONT RETURN - 51" MIN
INSIDE CAR, BACK WALL TO INSIDE FACE OF DOOR - 54"

NOTE:

G.C TO PROVIDE SHOP DRAWING FOR ELEVATOR INCLUDING MANUFACTURER TYPE AND SPECIFICATIONS

AS PER SECTION
3002.3 F.B.C. EMERGENCY SIGNS.

AN APPROVED PICTORIAL SIGN OF A STANDARDIZED DESIGN SHALL BE POSTED ADJACENT TO EACH ELEVATOR CALL STATION ON ALL FLOORS INSTRUCTING OCCUPANTS TO USE THE EXIT STAIRWAYS AND NOT TO USE THE ELEVATORS IN CASE OF FIRE. THE SIGN SHALL READ: IN FIRE EMERGENCY, DO NOT USE ELEVATOR. USE EXIT STAIRS. THE EMERGENCY SIGN SHALL NOT BE REQUIRED FOR ELEVATORS THAT ARE PART OF AN ACCESSIBLE MEANS OF EGRESS COMPLYING WITH SECTION 1007

FIRE FIGHTERS' EMERGENCY ELEVATOR OPERATION:

NFPA 101 - 7.2.13.9 ELEVATOR OPERATION.
ELEVATORS SHALL BE PROVIDED WITH FIRE FIGHTERS' EMERGENCY OPERATIONS IN ACCORDANCE WITH ASME A17.1/ CSA B44, SAFETY CODE FOR ELEVATORS AND ESCALATORS

NOTE:

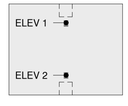
1. ELEVATOR TO COMPLY WITH ANSI/ASME A171.1, FLORIDA INDUSTRIAL COMMISSION, F.B.C. & SHALL BE A.D.A. APPROVED.
2. FRONT WALL MUST NOT BE BUILT AFTER DOOR FRAMES ARE ERECTED BY ELEVATOR CONTRACTOR.
3. ELEVATOR CONTRACTOR TO PROVIDE AN A.D.A. HANDS FREE PHONE.
4. ELEVATOR SHALL BE STRETCHER ACCESSIBLE.
5. A PERMANENT SIGN SHALL BE INSTALLED INMEDIATELY ABOVE EACH HALL. PUSH BUTTON STATION ON EACH FLOOR READING "IN FIRE EMERGENCY DO NOT USE ELEVATORS, USE THE STAIRS". THIS SIGN SHALL BE LETTERS NOT LESS THAN 1/2" HIGH

G.C. TO PROVIDE :

1. A PLUMB & PROPERTY VENTILATED HOIST.
2. ADEQUATE SUPPORT FOR JACK, GUIDE RAIL, BRACKETS & BUFFERS.
3. PIT LIGHTS, SWITCH & ELECTRICAL OUTLET.
4. LIGHTING AND ACCESSORY POWER SUPPLY.
5. SMOKE DETECTORS

SEE "TK ELEVATOR" MANUFACTURER'S SPECIFICATIONS FOR ADDITIONAL INFORMATION

ELEVATOR'S HOISTWAY COULD BE USED WITH A SIMILAR ELEVATOR AS LONG AS IT IS APPROVED BY ELEVATOR'S MANUFACTURERE. G.C. TO VERIFY ALL ROUGH OPENING DIMENSIONS WITH ELEVATOR MANUFACTURER PRIOR TO START OF CONSTRUCTION.



KEY PLAN

1" = 160'-0"

N

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HOOK STREET SELF STORAGE AT:

13125 HOOKS STREET, CLERMONT, FL, 34711

MARK	DATE	DESCRIPT
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PROJECT No.: LB780
DRAWN BY: FM, YP, AP
CHECKED BY: LB
DATE: 11 - 11 - 2024

LEOPOLDO BELLON, AIA (AR-8737)

ELEVATOR DETAILS

A 6.03

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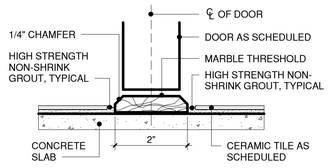
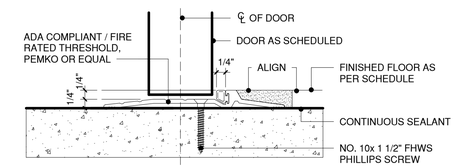


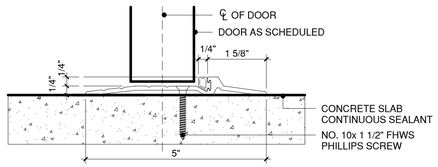
TYP. THRESHOLD DETAIL 1

SCALE: 6" = 1'-0"



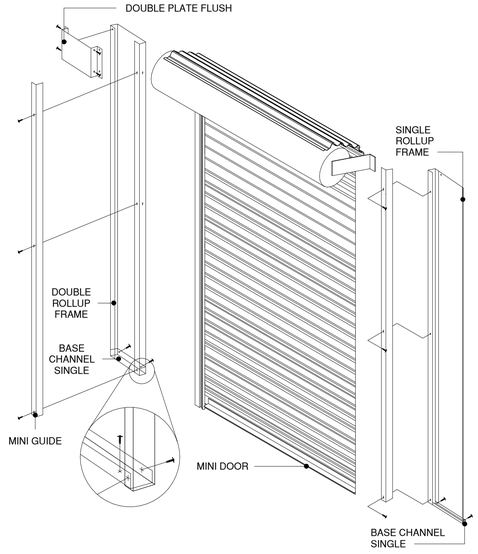
TYP. THRESHOLD DETAIL 2

SCALE: 6" = 1'-0"



TYP. THRESHOLD DETAIL 3

SCALE: 6" = 1'-0"



ROLL UP DOOR

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

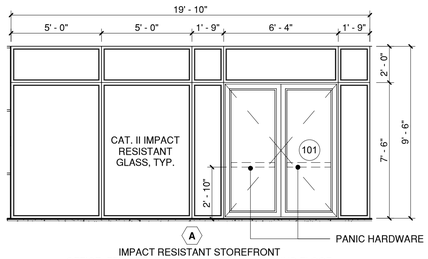
DOOR SERVICE WALL MOUNT

DOOR TYPES FOR DWELLING STORAGE

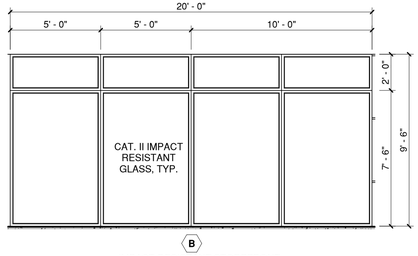
SCALE: 1/2" = 1'-0"

STOREFRONT & WINDOW SCHEDULE

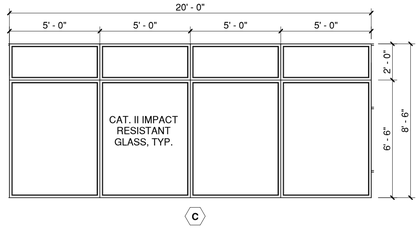
No. DESCRIP.	WIDTH	HEIGHT	LOCATION	TYPE	MATERIAL	REMARKS
A	19' - 10"	10' - 0"	OFFICE (GROUND FLOOR)	FIXED GLASS	ALUMINIUM	IMPACT RESISTANT GLASS CAT II SAFETY GLASS
B	20' - 0"	9' - 6"	CORRIDOR	FIXED GLASS	ALUMINIUM	IMPACT RESISTANT GLASS CAT II SAFETY GLASS
C	20' - 0"	8' - 6"	CORRIDOR	FIXED GLASS	ALUMINIUM	IMPACT RESISTANT GLASS CAT II SAFETY GLASS



IMPACT RESISTANT STOREFRONT
OFFICE, FRONT ELEVATION (SOUTH) @ GROUND FLOOR
(SEE A 2.01)



IMPACT RESISTANT STOREFRONT
OFFICE, SIDE ELEVATION (EAST) @ GROUND FLOOR
(SEE A 2.01)



IMPACT RESISTANT STOREFRONT
CORRIDOR, SIDE ELEVATION (WEST) AND FRONT ELEVATION (SOUTH)
@ GROUND FLOOR (SEE A 2.01)

WINDOWS NOTES:

1. GENERAL CONTRACTOR TO VERIFY AND COORDINATE ACTUAL WINDOW DIMENSIONS AND MASONRY OPENINGS PRIOR TO CONSTRUCTION.
2. ALL GLASS TO BE CLEAR.
3. GENERAL CONTRACTOR TO SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW PRIOR TO MANUFACTURING OR PURCHASING.
4. THE FIXED FENESTRATION U-FACTOR VALUE IS 0.50 AND THE OPERABLE FENESTRATION U-FACTOR VALUE IS 0.65 AND THE SHGC ORIENTATION a SEW PF < 0.2 IS 0.25 AND THE ORIENTATION a N PF < 0.2 IS 0.33 AS PER CHAPTER 4[CE] COMMERCIAL ENERGY OF THE FBC 2023 ENERGY CONSERVATION 8TH EDITION.TABLE C402.4 BUILDING ENVELOPE FENESTRATION MAXIMUM U-FACTOR AND SHGC REQUIREMENTS. SEE ENERGY CALCULATION

DOOR NOTES:

1. FOR DOOR DIMENSIONS REFER TO DOOR SCHEDULE FOR COMMON AREAS
2. ALL EXTERIOR DOOR W/GLASS SHALL RECEIVE IMPACT RESISTANT GLASS & SHALL COMPLY W/ENERGY CALCULATIONS.
3. COORDINATE MASONRY OPENING W/ DOOR MANUFACTURER PRIOR TO WALL ERECTION (SUBMIT SHOP DRAWINGS FOR APPROVAL)
4. ALL DOORS TO BE EQUIPPED WITH HANDICAPPED-OPERABLE HANDLES.

BUILDING ENVELOPE FENESTRATION MAXIMUM U-FACTOR AND SHGC REQUIREMENTS

TABLE C402.4(FLORIDA BUILDING CODE, ENERGY CONSERVATION 8TH ED CHAPTER 4[CE] COMMERCIAL ENERGY EFFICIENCY)

CLIMATE ZONE	1	
VERTICAL FENESTRATION		
U-FACTOR		
FIXEDL FENESTRATION	0.50	
OPERABLE FENESTRATION	0.65	
SHGC		
ORIENTATION a	SEW	N
PF < 0.2	0.25	0.33

DOOR SCHEDULE (STORAGE)

NOTE: FIELD MEASURE ALL MASONRY OPENING PRIOR TO FABRICATING ANY WINDOWS OR SLIDING GLASS DOORS

ALL GLASS DOORS SHALL BE IMPACT RESISTANT GREY TINTED GLAZING

DOOR NO.	SIZE			MATERIAL	TYPE	THRESHOLD	JAMB	REMARK
	WIDTH	HEIGHT	THICKNESS					
1	9' - 0"	8' - 0"		METAL	1	ALUMINIUM	METAL	90 MIN. FIRE RATED DOOR ASSEMBLY
2	6' - 0"	8' - 0"		METAL	1	ALUMINIUM	METAL	90 MIN. FIRE RATED DOOR ASSEMBLY
3	3' - 0"	8' - 0"		METAL	1	ALUMINIUM	METAL	90 MIN. FIRE RATED DOOR ASSEMBLY

DOOR SCHEDULE (GROUND FLOOR)

NOTE: FIELD MEASURE ALL MASONRY OPENING PRIOR TO FABRICATING ANY WINDOWS OR SLIDING GLASS DOORS

ALL GLASS DOORS SHALL BE IMPACT RESISTANT GREY TINTED GLAZING

DOOR NO.	LOCATION	SIZE			MATERIAL	TYPE	THRESHOLD	JAMB	REMARK
		WIDTH	HEIGHT	THICKNESS					
101	ENTRANCE TO OFFICE	2 (3' - 0")	8' - 0"	0' - 1 3/4"	ALUM/GLASS	A	ALUMINIUM	ALUMINIUM	OPERATING FROM ENTRY PANEL W/BOLT @ TOP AND BOTTOM. CAT II SAFETY GLAZING, IMPACT RESISTANT STOREFRONT W/PANIC HARDWARE.
102	KITCHENETTE	3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	C	ALUMINIUM	WOOD	45 MIN FIRE RATED DOOR ASSEMBLY
103	W.I.C	3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	C	ALUMINIUM	WOOD	45 MIN FIRE RATED DOOR ASSEMBLY
104	CORRIDOR TO OFFICE	3' - 0"	7' - 0"	0' - 1 3/4"	METAL	C	ALUMINIUM	METAL	45 MIN FIRE RATED DOOR ASSEMBLY, SELF CLOSING
105	JANITOR	3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	D	ALUMINIUM	WOOD	45 MIN FIRE RATED DOOR ASSEMBLY, SELF CLOSING
106	BATHROOM WOMAN	3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	C	ALUMINIUM	WOOD	45 MIN FIRE RATED DOOR ASSEMBLY, SELF CLOSING
107	BATHROOM MAN	3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	C	ALUMINIUM	WOOD	45 MIN FIRE RATED DOOR ASSEMBLY, SELF CLOSING
108	ELECT. ROOM	2 (3' - 0")	7' - 0"	0' - 1 3/4"	METAL	B	ALUMINIUM	METAL	90 MIN. FIRE RATED DOOR ASSEMBLY, SELF CLOSING
109	ENTRANCE TO CORRIDOR	7' - 8"	7' - 0"	0' - 0"	ALUM/GLASS	E	ALUMINIUM	METAL	SLIDING GLASS /CAT. II SAFETY GLASS,
110	STAIR 1 TO CORRIDOR	3' - 0"	7' - 0"	0' - 1 3/4"	METAL	C	ALUMINIUM	METAL	PROVIDE SMOKE SWEEP AND PANIC HARDWARE, 90 MIN. FIRE RATED DOOR ASSEMBLY
111	STAIR 1 TO EXIT	3' - 0"	7' - 0"	0' - 1 3/4"	METAL	C	ALUMINIUM	METAL	PROVIDE SMOKE SWEEP AND PANIC HARDWARE, 90 MIN. FIRE RATED DOOR ASSEMBLY
112	ENTRANCE TO CORRIDOR	7' - 8"	7' - 0"	0' - 0"	ALUM/GLASS	E	ALUMINIUM	METAL	SLIDING GLASS /CAT. II SAFETY GLASS,
113	STAIR 2 TO CORRIDOR	3' - 0"	7' - 0"	0' - 1 3/4"	METAL	C	ALUMINIUM	METAL	PROVIDE SMOKE SWEEP AND PANIC HARDWARE, 90 MIN. FIRE RATED DOOR ASSEMBLY
114	STAIR 2 TO EXIT	3' - 0"	7' - 0"	0' - 1 3/4"	METAL	C	ALUMINIUM	METAL	PROVIDE SMOKE SWEEP AND PANIC HARDWARE, 90 MIN. FIRE RATED DOOR ASSEMBLY
115	CORRIDOR	3' - 0"	7' - 0"	0' - 1 3/4"	METAL	C	ALUMINIUM	METAL	45 MIN FIRE RATED DOOR ASSEMBLY, SELF CLOSING

DOOR SCHEDULE (SECOND FLOOR)

NOTE: FIELD MEASURE ALL MASONRY OPENING PRIOR TO FABRICATING ANY WINDOWS OR SLIDING GLASS DOORS

ALL GLASS DOORS SHALL BE IMPACT RESISTANT GREY TINTED GLAZING

DOOR NO.	LOCATION	SIZE			MATERIAL	TYPE	THRESHOLD	JAMB	REMARK
		WIDTH	HEIGHT	THICKNESS					
201	CORRIDOR	3' - 0"	7' - 0"	0' - 1 3/4"	METAL	C	ALUMINIUM	METAL	45 MIN FIRE RATED DOOR ASSEMBLY, SELF CLOSING
202	STAIR 1 TO CORRIDOR	3' - 0"	7' - 0"	0' - 1 3/4"	METAL	C	ALUMINIUM	METAL	PROVIDE SMOKE SWEEP AND PANIC HARDWARE, 90 MIN. FIRE RATED DOOR ASSEMBLY
203	STAIR 2 TO CORRIDOR	3' - 0"	7' - 0"	0' - 1 3/4"	METAL	C	ALUMINIUM	METAL	PROVIDE SMOKE SWEEP AND PANIC HARDWARE, 90 MIN. FIRE RATED DOOR ASSEMBLY
204	CORRIDOR	3' - 0"	7' - 0"	0' - 1 3/4"	METAL	C	ALUMINIUM	METAL	45 MIN FIRE RATED DOOR ASSEMBLY, SELF CLOSING
205	BATHROOM UNISEX	3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	C	ALUMINIUM	WOOD	45 MIN FIRE RATED DOOR ASSEMBLY, SELF CLOSING

DOOR SCHEDULE (THIRD FLOOR)

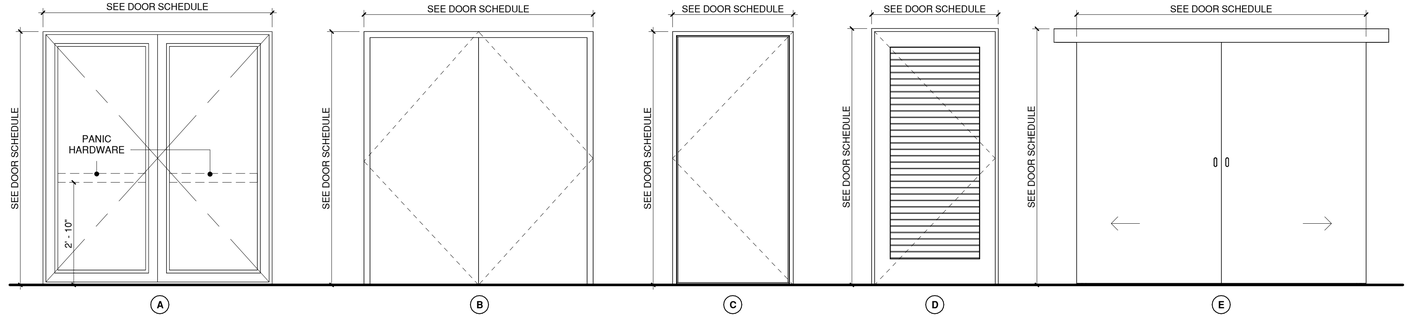
NOTE: FIELD MEASURE ALL MASONRY OPENING PRIOR TO FABRICATING ANY WINDOWS OR SLIDING GLASS DOORS

ALL GLASS DOORS SHALL BE IMPACT RESISTANT GREY TINTED GLAZING

DOOR NO.	LOCATION	SIZE			MATERIAL	TYPE	THRESHOLD	JAMB	REMARK
		WIDTH	HEIGHT	THICKNESS					
301	CORRIDOR	3' - 0"	7' - 0"	0' - 1 3/4"	METAL	C	ALUMINIUM	METAL	45 MIN FIRE RATED DOOR ASSEMBLY, SELF CLOSING
302	STAIR 1 TO CORRIDOR	3' - 0"	7' - 0"	0' - 1 3/4"	METAL	C	ALUMINIUM	METAL	45 MIN FIRE RATED DOOR ASSEMBLY, SELF CLOSING
303	STAIR 2 TO CORRIDOR	3' - 0"	7' - 0"	0' - 1 3/4"	METAL	C	ALUMINIUM	METAL	45 MIN FIRE RATED DOOR ASSEMBLY, SELF CLOSING
304	CORRIDOR	3' - 0"	7' - 0"	0' - 1 3/4"	METAL	C	ALUMINIUM	METAL	45 MIN FIRE RATED DOOR ASSEMBLY, SELF CLOSING

DOOR TYPES FOR COMMON AREAS

SCALE: 1/2" = 1'-0"
EXTERIOR/INTERIOR AREAS - DOOR TYPES



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PROJECT No.: LB780
DRAWN BY: FM, YP, AP
CHECKED BY: LB
DATE: 11 - 11 - 2024

LEOPOLDO BELLON, AIA (AR-8737)

DOOR SCHEDULE, HARDWARE AND DETAILS

A 7.01

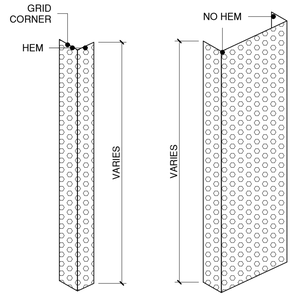
SHEET OF

NOTE:

GENERAL CONTRACTOR TO SUBMIT SAMPLES OF ALL MATERIALS, INCLUDING SOUND PROOFING MATERIALS, FOR REVIEW AND APPROVAL PRIOR DELIVERY TO THE SITE AND INSTALLATION.

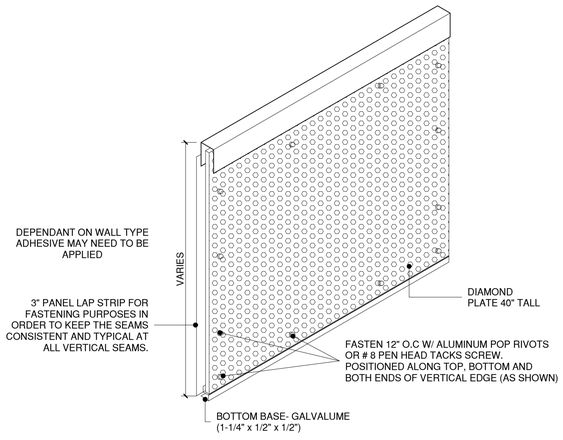
GENERAL DOOR NOTES:

1. ALL HARDWARE SHALL BE FURNISHED AND INSTALLED BY THE GENERAL CONTRACTOR.
2. INTERIOR DOOR, UNLESS OTHERWISE NOTED, SHALL BE GRADE.
3. PROVIDE WALL & FLOOR STOPS AS REQ'D, PROVIDE SILENCERS TO ALL MT'L FRAMES.
4. HOLLOW METAL DOOR TO BE 18 GAUGE.
5. PRODUCT APPROVALS PER WINDOWS/STORE FRONTS MUST BE SUBMITTED TO BUILDING DEPARTMENT FOR APPROVAL PRIOR TO INSPECTION OF SUCH PRODUCTS. ALSO SHALL B DESIGNED TO MEET WIND PRESSURE AS PER ASCE 7-94.
6. INTERIOR DOORS AS SCHEDULED OR APPROVED BY OWNER, REFER TO DOOR SCHEDULE.
7. SLIDING DOOR WITH NOMINAL 32" CLEAR OPENING TO BE PROVIDED BY MANUFACTURER.
8. ALL STEEL FRAMES ARE GALVANIZED PRIMED AND PAINTED.
9. ALL WINDOWS AND EXTERIOR GLASS DOORS SHALL HAVE IMPACT RESISTANCE GLASS.
10. FIRE DOORS AND FRAMES SHALL BE U.L. "B" LABEL RATED 1-1/2 HOURS.
11. ALL EXTERIOR DOORS TO HAVE WEATHERSTRIP: 399 AV. VINYL DORBIN OR APPROVED EQUAL .
12. HINGES AT EXT MT'L DOORS TO BE NON-REMOVABLE PIN W/ SECURITY STUDS TYPE.
13. REFER TO SPECIFICATIONS FOR HARDWARE SCHEDULE AND ADDITIONAL INFO.
14. ALL EXTERIOR DOORS TO BE DADE COUNTY PRODUCT APPROVED.
15. EVERY CLOSET DOOR LATCH SHALL BE SUCH THAT CHILDREN CAN OPEN THE DOOR FROM INSIDE THE CLOSET.
16. EVERY BATHROOM DOOR SHALL BE DESIGNED TO ALLOW THE OPENING FROM THE OUTSIDE DURING AN EMERGENCY WHEN LOCKED. ENTRY OF THE FLORIDA BUILDING CODE AND ALL OTHER REQUIREMENTS.
17. EXTERIOR HINGED DOOR SHALL BE DESIGNED THAT SUCH DOOR CAN BE PUSHED OR PULLED OPEN WITH A FORCE NOT EXCEDING 5LBF (22.2N).
18. ALL DOORS AND HARDWARE COMPLY WITH SECURITY AND FORCED OF THIS CODE AND THE AMERICAN DISABILITIES ACT.
19. CONTRACTOR TO SUBMIT ALL SHOP DRAWINGS OF ALL GLASS/ALUMINUM DOORS AND ALL METAL DOORS AND FRAMES.
20. ALL HOLLOW METAL DOORS AND FRAMES AND PANEL DOORS TO RECEIVE ENAMEL PAINT FINISH, COLOR TO BE SELECTED 18 GA. STEEL ZINC COATED DOORS, WITH 16 GA. STEEL ZINC COATED DOOR FRAMES.
21. STOREFRONT DOORS: 9/16" LAMINATED GLASS. ALUMINUM FINISH AND GLASS TINT TO BE SELECTED BY OWNER. ALL DOORS TO HAVE DEAD BOLT LOCKS, CONCEALED CLOSER. DOORS TO HAVE A MASTER KEY. PROVIDE DOOR HARDWARE PUSH AS MANUFACTURED BY KAWNEER - ALUMINUM, CS-9 PULL, CP 11 PUSH OR EQUAL. PROVIDE FULL SHOP DRAWINGS WITH ATTACHED MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE INDICATING COMPLIANCE WITH MIAMI-DADE COUNTY PRODUCTS APPROVAL FOR ALL DOORS AND STOREFRONTS.
22. ALL HOLLOW METAL DOORS TO HAVE KEYED LOCKETS LEVER DESIGN, WITH KEY OPERATED DEAD BOLTS, SCHLAGE OR EQUAL. DOORS TO HAVE A MASTER KEY, SUBMIT A COMPLETE HARDWARE SCHEDULE FOR OWNER'S APPROVAL.
23. ALL EXTERIOR DOORS AND STOREFRONTS TO HAVE MIAMI-DADE COUNTY PRODUCTS APPROVALS AND SHALL BE INSTALLED AS PER NOTICE OF ACCEPTANCE.
24. PROVIDE STORM SHUTTERS FOR ALL OPENINGS THAT ARE NO IMPACT APPROVED.
25. ALL OPENING DIMENSIONS FOR DOORS SHALL BE VERIFIED WITH MOUNTING DETAIL OUTLINED IN THE PRODUCTS APPROVAL NOTICE OF ACCEPTANCE. NOTIFY ARCHITECT OF ANY DISCREPANCIES. CONTRACTOR TO COORDINATE ALL ROUGH OPENING DIMENSIONS.
26. CONTRACTOR MAY SUBMIT ALTERNATE STOREFRONT SYSTEMS THAT COMPLIES WITH PRODUCTS CONTROL THAT CAN BE COVERED WITH PRODUCT CONTROL APPROVED STORMS SHUTTER. NOTE: STOREFRONT TO COMPLY WITH WIND LOADING REQUIREMENTS BASED ON WIND ZONE REQUIREMENTS. SEE STRUCTURAL DRAWINGS.



CORNERGUARD
(3" x 3" x 4'0"LONG)

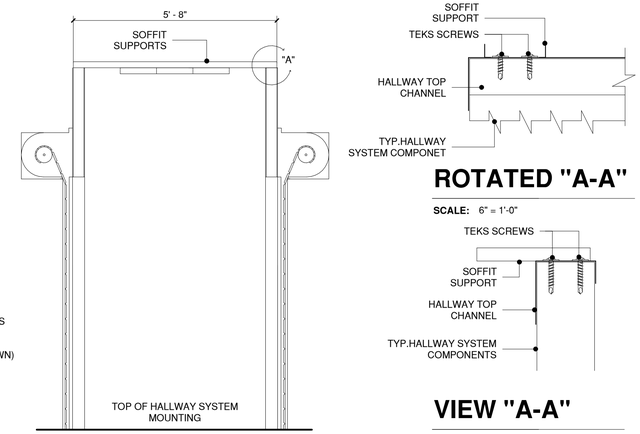
PIERWRAP
(2-1/4" x 16-1/8" x 2-1/4" x 4'0"LONG)



"**DIAMOND PLATE APPLICATION** "

DIAMOND PLATE APPLICATION

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



ROTATED "A-A"

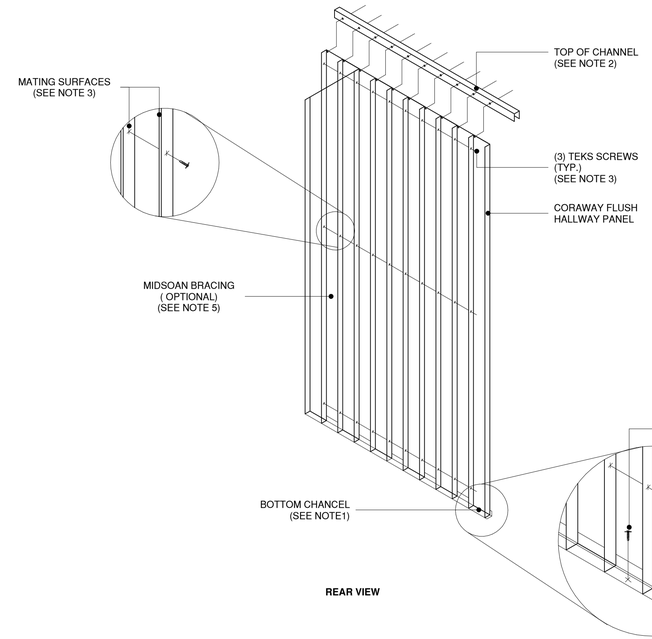
SCALE: 6" = 1'-0"

VIEW "A-A"

SCALE: 6" = 1'-0"

TOP MOUNTED OVER HALLWAY SYSTEM

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



REAR VIEW

FLUSH HALLWAY PANEL UNIT

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

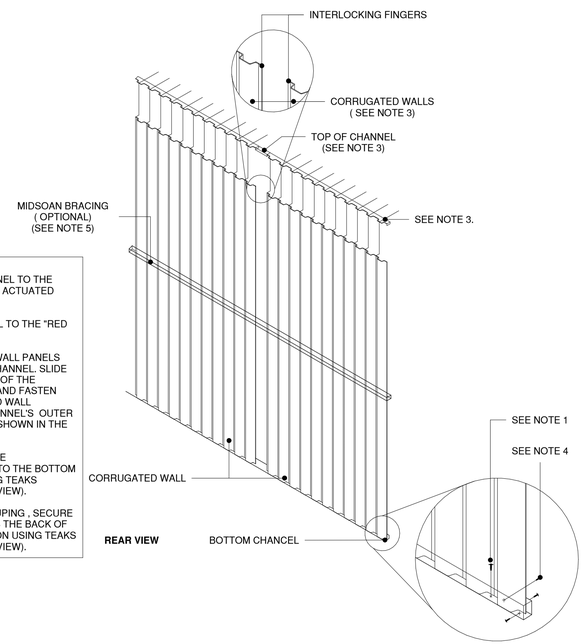
NOTE:
1) FASTEN THE BOTTOM CHANNEL TO THE FLOOR USING AIR OR POWDER ACTUATED FASTENERS.

2) CONNECT THE TOP CHANNEL TO THE "RED IRON" BRACING USING XXX.

3) INSERT THE CORRUGATED WALL PANELS INTO THE TOP AND BOTTOM CHANNEL. SLIDE THE INTERLOCKING "FINGERS" OF THE CORRUGATED UNTIL SECURE AND FASTEN THE TOP OF THE CORRUGATED WALL SECTIONS TO THE TOP OF CHANNEL'S OUTER LIP USING TEAKS SCREWS(AS SHOWN IN THE REAR VIEW).

4) SECURE THE BOTTOM OF THE CORRUGATED WALL SECTION TO THE BOTTOM CHANNEL'S FRONT FACE USING TEAKS SCREWS (AS SHOWN IN REAR VIEW).

5) IF INCLUDED IN PARTS GROUPING , SECURE THE MIDSPN BRACING ACROSS THE BACK OF THE CORRUGATE WALL SECTION USING TEAKS SCREWS (AS SHOWN IN REAR VIEW).



REAR VIEW

CORRUGATED HALLWAY PANEL UNIT

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

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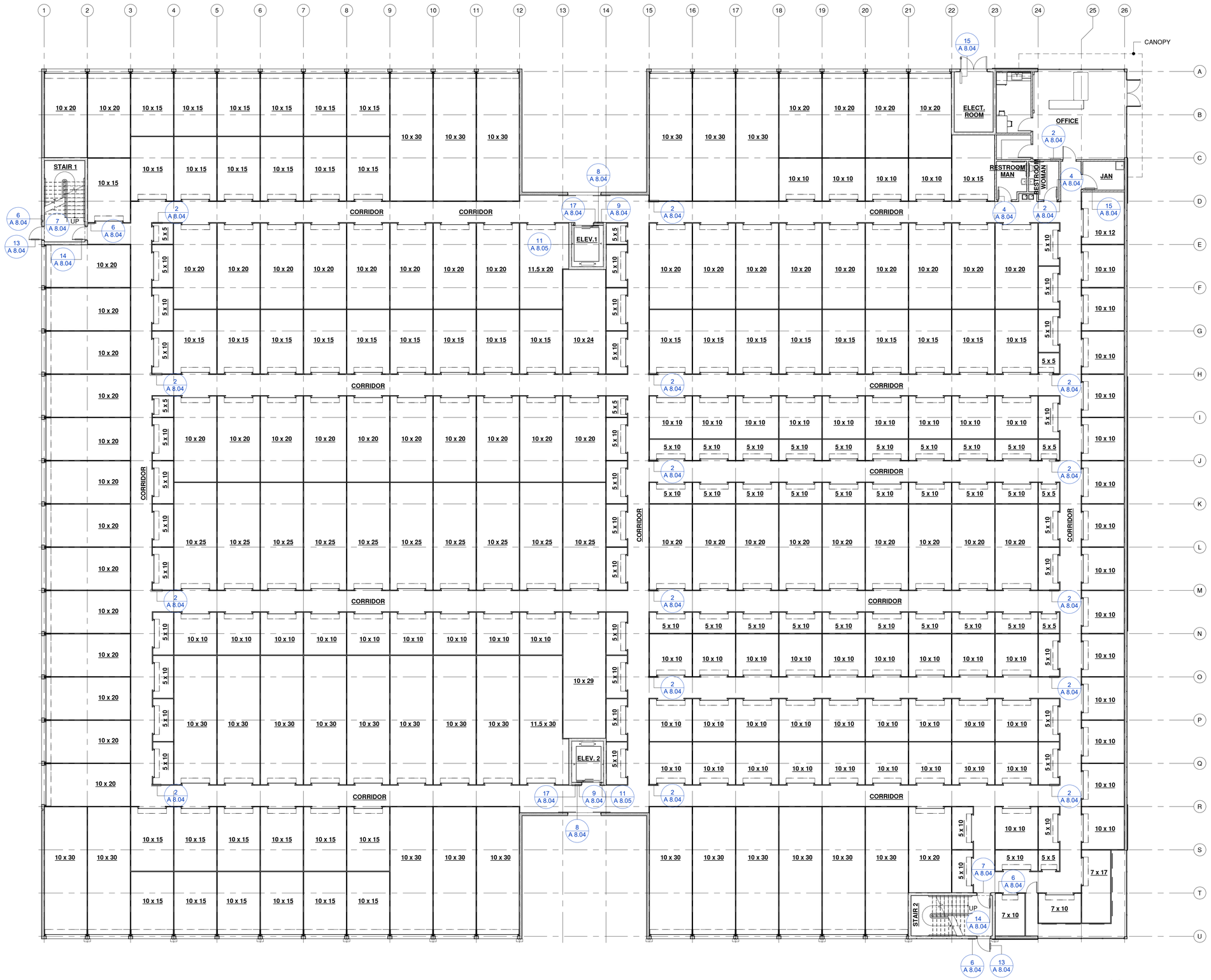
LEOPOLDO BELLON, AIA (AR-8737)

FINISH SCHEDULES

A 7.02

SHEET OF



GROUND FLOOR SIGNAGE PLAN

3/32" = 1'-0"

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INTERIORS
CONSTRUCTION
MANAGEMENT

CONSULTANTS

HOOK STREET SELF STORAGE AT:

13125 HOOKS STREET, CLERMONT, FL, 34711

MARK	DATE	DESCRIPT
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PROJECT No.: LB780
DRAWN BY: FM, YP, AP
CHECKED BY: LB
DATE: 11 - 11 - 2024

LEOPOLDO BELLON, AIA (AR-8737)

GROUND FLOOR SIGNAGE PLAN

A 8.01

SHEET OF

SECOND FLOOR SIGNAGE PLAN

3/32" = 1'-0"

N

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ARCHITECTURE

BELLON ARCHITECTURE, INC
12930 S.W. 128 STREET
SUITE 203
MIAMI, FL 33186
T. (305) 278-7776
F. (305) 278-7473
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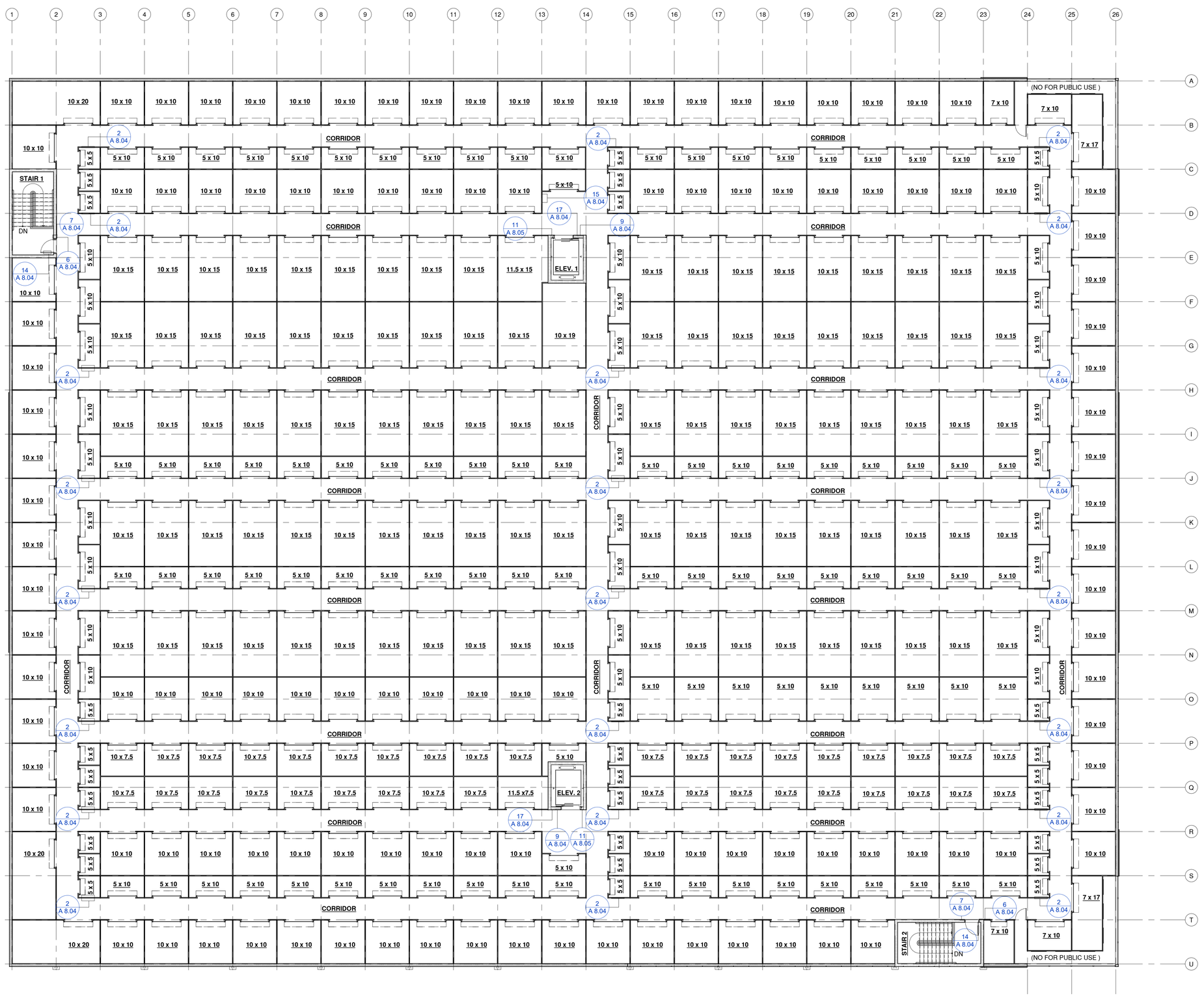
LEOPOLDO BELLON, AIA
(AR-8737)

SECOND FLOOR SIGNAGE PLAN

A 8.02

SHEET OF



THIRD FLOOR SIGNAGE PLAN

3/32" = 1'-0"

N

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LEOPOLDO BELLON, AIA (AR-8737)

THIRD FLOOR SIGNAGE PLAN

A 8.03

SHEET OF

Public Storage

TRUSTED NATIONWIDE SINCE 1972

SIGNAGE-PS LOGO SHILED FOR OFFICE

1 / A 8.04 **SCALE:** 1/2" = 1'-0"

A.

B.

SIGNAGE- RESTROOM CERTIFICATION

4 / A 8.04 **SCALE:** 1/2" = 1'-0"

A.

ADJACENT TO ELEVATOR KEYPAD WHEN KEYPAD IS OUTSIDE ELEVATOR CAB

B.

ADJACENT TO ELEVATOR KEYPAD WHEN KEYPAD IS INSIDE ELEVATOR CAB

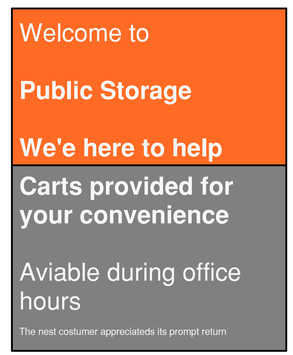
SIGNAGE - FIRST FLOOR ELEVATOR LOBBY

8 / A 8.04 **SCALE:** 1/2" = 1'-0"

KEY PAD ACCESS
NOTE : PROVIDE UV PROTECTION IF MOUNTED ON ANY EXTERIOR WALL

SIGNAGE - FIRST FLOOR LOBBY

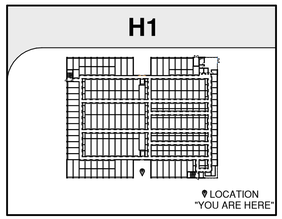
12 / A 8.04 **SCALE:** 1/2" = 1'-0"



NOTE : PROVIDE UV PROTECTION IF MOUNTED ON ANY EXTERIOR WALL

SIGNAGE

16 / A 8.04 **SCALE:** N.T.S

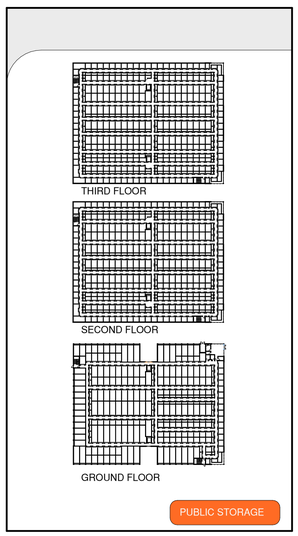


40" X46" SIGN SHALL SHOW ALL BUILDING AND FLOOR

NOTE:
PUBLIC STORAGE TO PROVIDE FLOOR PLANS GC TO PROVIDED SIGNS

SIGNAGE -"YOU ARE HERER" SIGN

2 / A 8.04 **SCALE:** 1/2" = 1'-0"



40" X46" SIGN SHALL SHOW ALL BUILDING AND FLOOR

NOTE: PUBLIC STORAGE TO PROVIDE FLOOR PLANS GC TO PROVIDED SIGNS

SIGNAGE -SITE PLAN FOR OFFICE

3 / A 8.04 **SCALE:** 1/2" = 1'-0"

SIGNAGE -ACCESSIBLE ENTRY DECAL

5 / A 8.04 **SCALE:** 1/4" = 1'-0"

A.

C.

B.

D.

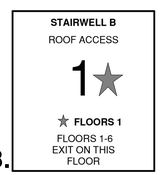
SIGNAGE- TACTILE EXIT

6 / A 8.04 **SCALE:** 1/2" = 1'-0"

A.

WHERE ALLOWED BY CODE. PLACE ON LATCH SIDE OF DOOR INDIES STAIRWELL LANDING

B.



WHERE REQUIRED BY CODE. PLACE ON LATCH INSIDE OF DOOR INSIDE STAIRWELL LANDING

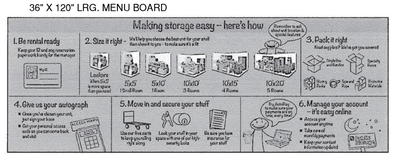
SIGNAGE - STAIRWELL IDENTIFICATION

7 / A 8.04 **SCALE:** 1/2" = 1'-0"

SIGNAGE- FIRST AND UPPER FLOOR ELEVATOR LOBBY

9 / A 8.04 **SCALE:** 1/2" = 1'-0"

36" X 120" LRG. MENU BOARD



48" X 54" -MED. MENU BOARD

MENU BOARD SHALL BE MOUNTED ON WALL BEHIND COSTUMER COUNTER SPACE AVAILABLE DETERMINES SIZE

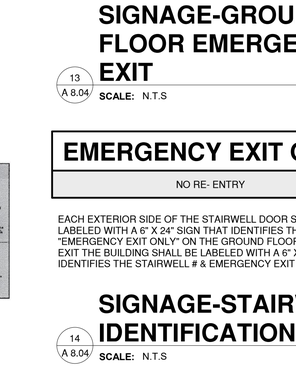
SIGNAGE MENU BOARD FOR OFFICE

10 / A 8.04 **SCALE:** N.T.S

THE TABLE OR FLIP DOWN COUNTER SHALL HAVE 3" X3" SIGN WITH ACCESSIBILITY SYMBOL

SIGNAGE -ACCESSIBLE COUNTER

11 / A 8.04 **SCALE:** 1/4" = 1'-0"



DOOR SHALL BE LABELED WITH A 16" X 16" SIGN THAT IDENTIFIES THE STAIR # AND FLOOR #

SIGNAGE-GROUND FLOOR EMERGENCY EXIT

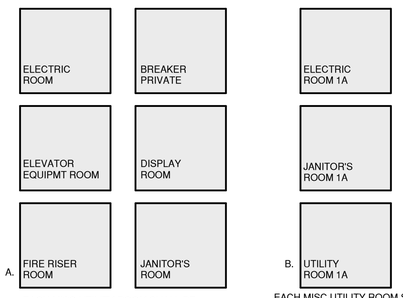
13 / A 8.04 **SCALE:** N.T.S

EACH EXTERIOR SIDE OF THE STAIRWELL DOOR SHALL BE LABELED WITH A 6" X 24" SIGN THAT IDENTIFIES THE STAIR # AND "EMERGENCY EXIT ONLY" ON THE GROUND FLOOR THE DOOR TO EXIT THE BUILDING SHALL BE LABELED WITH A 6" X24" SIGN THAT IDENTIFIES THE STAIRWELL # & EMERGENCY EXIT DOOR.

SIGNAGE-STAIRWELL IDENTIFICATION

14 / A 8.04 **SCALE:** N.T.S

MOST COMMON EXAMPLE SHOWN- ADDITIONAL AVAILABLE AS NEEDED

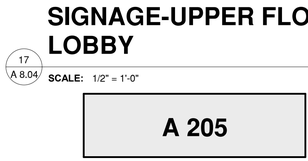


EACH MISC.UTILITY ROOM SHALL BE LABELED WITH A 2"X7" PLACARD THAT IDENTIFIES THE TYPE OF ROOM WHEN THERE ARE NOT MULTIPLE UNITS

EACH MISC.UTILITY ROOM SHALL BE LABELED WITH A 2"X7" PLACARD THAT IDENTIFIES THE TYPE OF ROOM,THE FLOOR (1) AND THE UNIT (A).i.e." ELECTRIC ROOM 1A"

SIGNAGE- MISCELLANEOUS ROOM IDENTIFICATION

15 / A 8.04 **SCALE:** 3/8" = 1'-0"



SIGNAGE-UPPER FLOOR LOBBY

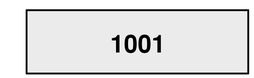
17 / A 8.04 **SCALE:** 1/2" = 1'-0"

NOTE : SIGNS ARE PREDRILLED- MOUNT WITH #8-18x1/2" GREY HD TEKS SCREWS

NOTE : PROVIDE UV PROTECTION IF MOUNTED ON ANY EXTERIOR WALL

SIGNAGE-EXTERIOR UNIT IDENTIFICATION

18 / A 8.04 **SCALE:** 3/4" = 1'-0"

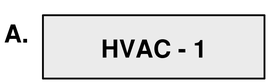


NOTE : SIGNS ARE PREDRILLED- MOUNT WITH #8-18x1/2" GREY HD TEKS SCREWS

SIGNAGE-EXTERIOR UNIT IDENTIFICATION-

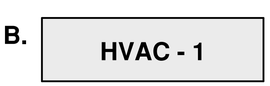
19 / A 8.04 **SCALE:** 3/4" = 1'-0"

A.



EACH HVAC OR SHAFT BE LABELED IDENTIFYING FLOOR AND UNIT

B.



A CORRESPONDING PLACARD SHALL BE INSTALLED ON THE EXTERIOR COMPRESSOR DISCONNECT SWITCH OR RTU

NOTE : PROVIDE UV PROTECTION IF MOUNTED ON ANY EXTERIOR WALL

SIGNAGE-HVAC OR SHAFT IDENTIFICATION

20 / A 8.04 **SCALE:** 3/4" = 1'-0"

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LEOPOLDO BELLON, AIA (AR-8737)

SIGNAGE TYPES

A 8.04

SHEET OF

A. STANDAR HOURS

Welcome to
Public Storage

Rest assured, you're at the right place

Caution Automatic-Gate

Approach slowly to open

1 Please Stop
2 Enter Code
3 Gate Close

After each vehicle

Access Hours
Daily
6:00am - 9:00p

800-44-STORE
PublicStorage.com

B. SITE SPECIFIC HOURS

Welcome to
Public Storage

Rest assured, you're at the right place

Caution Automatic-Gate

Approach slowly to open

1 Please Stop
2 Enter Code
3 Gate Close

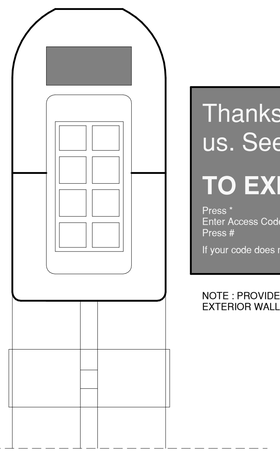
After each vehicle

Access Hours
9:30am-6:00pm M-F
9:30am-5:00pm S-S

800-44-STORE
PublicStorage.com

14 A 8.05 SIGNAGE- GATE BANNERS

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



Thanks for storing with us. See you next time

Public Storage

TO EXIT

Press *
Enter Access Code
Press #

If your code does not work please visit the office for assistance

NOTE : PROVIDE UV PROTECTION IF MOUNTED ON ANY EXTERIOR WALL

13 A 8.05 SIGNAGE- EXIT GATE

SCALE: N.T.S

Welcome to
Public Storage

Rest assured, you're at the right place

For Access

Press *
Enter Access Code
Press #

If your code does not work please visit the office for assistance

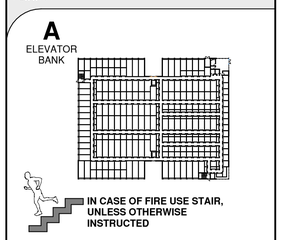
NOTE : PROVIDE UV PROTECTION IF MOUNTED ON ANY EXTERIOR WALL

12 A 8.05 SIGNAGE- ENTRANCE GATE

SCALE: N.T.S

EVACUATION PLAN

13125 HOOKS STREET CLERMONT
FLOOR 1

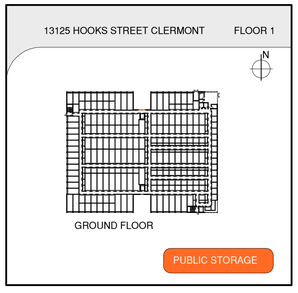


NO SMOKING IN BUILDING UNDER PENALTY OF LAW

NOTE:
PUBLIC STORAGE TO PROVIDE FLOOR PLANS GC TO PROVIDED SIGNS

11 A 8.05 SIGNAGE -ELEVATOR EGRESS PLAN

SCALE: N.T.S



10 PADS FOR EACH FLOOR SPECIFIC LAYOUT
50 SHEETS/ PADDED

NOTE: PUBLIC STORAGE TO PROVIDE FLOOR PLANS GC TO PROVIDED SIGNS

10 A 8.05 COSTUMER HAND OUT (TEAR OFF PAD)

SCALE: N.T.S

Thank for storing with us. See you net time

Public Storage.

NOTE : PROVIDE UV PROTECTION IF MOUNTED ON ANY EXTERIOR WALL

9 A 8.05 SIGNAGE-THANK YOU GATE

SCALE: N.T.S

Help us keep your space clean

Please, no dumping

Violators subject to prosecution and $ 10,000 max fine

NOTE : PROVIDE UV PROTECTION IF MOUNTED ON ANY EXTERIOR WALL

8 A 8.05 SIGNAGE- PRIVATE CONTAINER

SCALE: N.T.S

For your well-being

Storage of hazardous and combustible materials prohibited

NOTE : PROVIDE UV PROTECTION IF MOUNTED ON ANY EXTERIOR WALL

NOTE PROVIDE UV PROTECTION IF MOUNTED ON ANY EXTERIOR WALL

7 A 8.05

SCALE: N.T.S

No Trespqssing

Access for Public Storage customers only during business hours

Violators will be prosecured

NOTE : PROVIDE UV PROTECTION IF MOUNTED ON ANY EXTERIOR WALL

6 A 8.05 SIGNAGE- NO TRESPASSING

SCALE: N.T.S

Self Stotage

Moving Supplies

Welcome

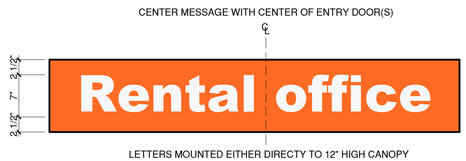
Climate Controlled

STORE FRONT WINDOW VINYL- PROVIDED BY IMAGE NATIONAL

5 A 8.05 SIGNAGE- FRONT STORAGE GRAPHICS

SCALE: N.T.S

CENTER MESSAGE WITH CENTER OF ENTRY DOOR(S)



LETTERS MOUNTED EITHER DIRECTY TO 12" HIGH CANOPY FACE OR 12" HIGH SIGN PANEL MOUNTED TO CANOPY

1 A 8.05 EXTERIOR PLACEMENT DETAILS

SCALE: N.T.S

CENTER MESSAGE WITH CENTER OF ENTRY DOOR(S)

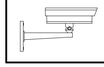
2 A 8.05 EXTERIOR PLACEMENT DETAILS

SCALE: N.T.S

3 A 8.05 EXTERIOR PLACEMENT DETAILS

SCALE: N.T.S

JUST SO YOU KNOW
Gate area is equipped with 24 hour video camara



NOTE : PROVIDE UV PROTECTION IF MOUNTED ON ANY EXTERIOR WALL

4 A 8.05 SIGNAGE- GATE MONITORED

SCALE: N.T.S

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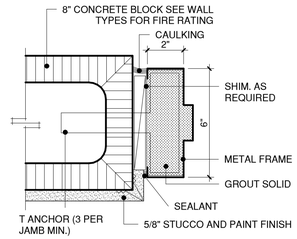
SIGNAGE TYPES

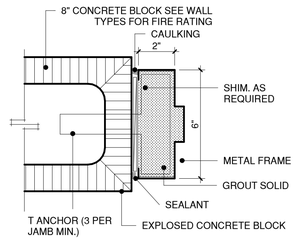
A 8.05

SHEET OF



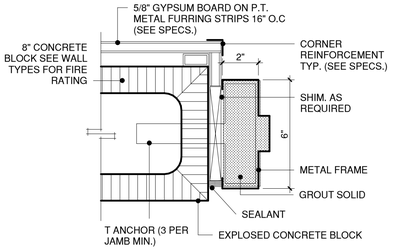
JAMB DETAIL 1

SCALE: N.T.S



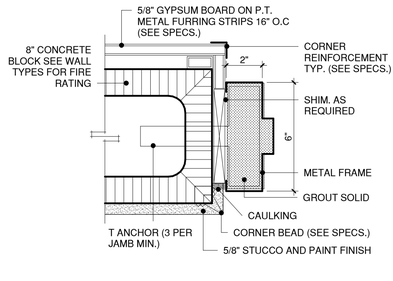
JAMB DETAIL 2

SCALE: N.T.S



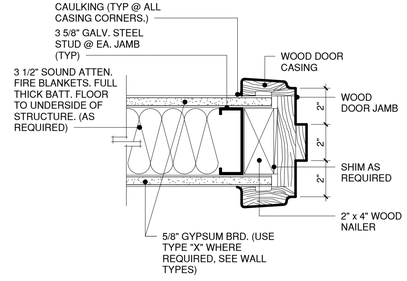
JAMB DETAIL 3

SCALE: N.T.S



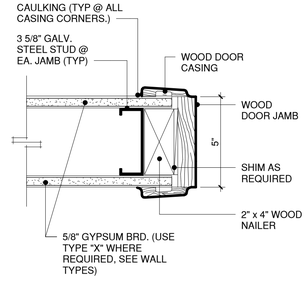
JAMB DETAIL 4

SCALE: N.T.S



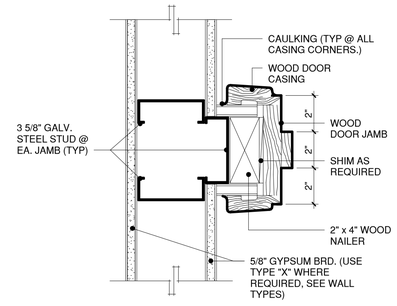
JAMB DETAIL 5

SCALE: N.T.S



JAMB DETAIL 6

SCALE: N.T.S



JAMB DETAIL 7

SCALE: N.T.S

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DATE: 11 - 11 - 2024

LEOPOLDO BELLON, AIA
(AR-8737)

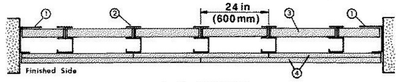
DOOR DETAILS

A 9.01

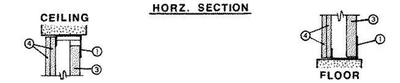
SHEET OF

DESIGN NO. U438

JUNE 13, 2024
NONBEARING WALL RATING - 2 HR.
*** INDICATES SUCH PRODUCTS SHALL BEAR THE UL OR CUL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL OR CUL CERTIFICATION (SUCH AS CANADA), RESPECTIVELY.**



HORZ. SECTION



1. FLOOR AND CEILING RUNNERS - "J" -SHAPED RUNNER, 2-1/2 IN. WIDE WITH UNEQUAL LEGS OF 1 IN. AND 2 IN., FABRICATED FROM 24 MSG GALV STEEL (MIN 20 MSG WHEN ITEM 4B IS USED). RUNNERS POSITIONED WITH SHORT LEG TOWARD FINISHED SIDE OF WALL. RUNNERS ATTACHED TO STRUCTURAL SUPPORTS WITH STEEL FASTENERS LOCATED NOT GREATER THAN 2 IN. FROM ENDS AND NOT GREATER THAN 24 IN. OC.

2. STEEL STUDS - "C-H" -SHAPED STUDS, 2-1/2 IN. WIDE BY 1-1/2 IN. DEEP, FABRICATED FROM 25 MSG GALV STEEL (MIN 20 MSG WHEN ITEM 4B, 4D, OR 4E IS USED). CUT TO LENGTHS 3/8 TO 1/2 IN. LESS THAN FLOOR TO CEILING HEIGHT AND SPACED 24 IN. OR 600 MM OC (MAX 16 IN. OC WHEN ITEMS 4B, 4D, 4E IS USED).

2A. STEEL STUDS • (NOT SHOWN)-"E" -SHAPED STUDS INSTALLED IN PLACE OF "C-H" -SHAPED STUDS (ITEM 2) TO SECURE THE CLOSURE LINER PANELS AT THE ENDS OF WALLS. FABRICATED FROM 25 MSG GALV STEEL (MIN 20 MSG WHEN ITEM 4B, 4D, OR 4E IS USED), 2-1/2 IN. WIDE, WITH ONE LEG 1 IN. LONG AND TWO LEGS 3/4 IN. LONG, SHORTER LEGS 1 IN. APART TO ENGAGE GYPSUM LINER PANELS. CUT TO LENGTHS 3/8 IN. LESS THAN FLOOR TO CEILING HEIGHT. SILL AND LINTEL OF OPENING FORMED WITH "J" -SHAPED RUNNERS (ITEM 1) SECURED TO "E" - SHAPED STUDS WITH ANGLE CLIPS AND STEEL SCREWS.

3. GYPSUM BOARD* - 1 IN. THICK GYPSUM WALLBOARD LINER PANELS, SUPPLIED IN NOM 24 IN. OR 600 MM (FOR METRIC SPACING) WIDTHS. PANELS CUT 1 IN. LESS IN LENGTH THAN FLOOR TO CEILING HEIGHT. VERTICAL EDGES INSERTED IN "H" -SHAPED SECTION OF "C-H" STUDS. FREE EDGE OF END PANELS ATTACHED TO LONG LEG OF "J" -RUNNERS WITH 1-5/8 IN. LONG TYPE S STEEL SCREWS SPACED NOT GREATER THAN 12 IN. OC.
CGC INC • TYPE SLX.

CERTAINTEED GYPSUM INC - TYPE SHAFTLINER, LGFCSL
NATIONAL GYPSUM CO - FSW, FSW -7
UNITED STATES GYPSUM CO - TYPE SLX.
USG BORAL DRYWALL SFZ LLC - TYPE SLX
USG MEXICO S A DE C V • TYPE SLX.

4. GYPSUM BOARD* - 1/2 IN. THICK, 4 FT. OR 1200 MM (FOR METRIC SPACING) WIDE WALLBOARD APPLIED VERTICALLY IN TWO LAYERS. INNER OR BASE LAYER ATTACHED TO STUDS WITH 1 IN. LONG TYPE S STEEL SCREWS SPACED 24 IN. OC ALONG THE EDGES AND IN THE FIELD OF THE BOARDS. OUTER OR FACE LAYER ATTACHED TO STUDS AND "J" -RUNNERS WITH 1-5/8 IN. LONG TYPE S STEEL SCREWS SPACED 12 IN. ALONG THE EDGES AND IN THE FIELD OF THE BOARDS, STAGGERED FROM SCREWS IN INNER LAYER. JOINTS BETWEEN INNER AND OUTER LAYERS STAGGERED.
OUTER LAYER JOINTS COVERED WITH PAPER TAPE AND JOINT COMPOUND. EXPOSED SCREW HEADS COVERED WITH JOINT COMPOUND.

AS AN ALTERNATE METHOD, INNER WALLBOARD LAYER APPLIED VERTICALLY, OUTER WALLBOARD LAYER APPLIED HORIZONTALLY. INNER LAYER ATTACHED TO STUDS WITH 1 IN. TYPE S STEEL SCREWS SPACED 24 IN. OC ALONG VERTICAL EDGES AND IN THE FIELD. OUTER LAYER ATTACHED TO THE STUDS AND "J" RUNNERS OVER THE INNER LAYER WITH 1-5/8 IN. LONG TYPE S STEEL SCREWS SPACED 12 IN. OC IN THE FIELD, ALONG THE VERTICAL EDGES AND TO THE FLOOR AND CEILING RUNNERS. OUTER LAYER SECURED TO INNER LAYER WALLBOARD WITH 1-1/2 IN. LONG TYPE G STEEL SCREWS LOCATED MIDWAY BETWEEN STUDS AND 1 IN. FROM THE HORIZONTAL JOINT.

AMERICAN GYPSUM CO - TYPES AG-C .
CABOT MANUFACTURING ULC - TYPE C
CERTAINTEED GYPSUM INC - TYPE C
CGC INC - TYPE C, IP-X2, OR WRC.
CERTAINTEED GYPSUM INC - TYPE LGFC-C/A.
GEORGIA - PACIFIC GYPSUM L L C - TYPES 5, DAPC, TG-C.
NATIONAL GYPSUM CO - TYPES EXP-C, FSK-C, FSW-C, FSMR-C.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM - TYPES PG-C.
SAINT-GOBAIN GYPROC MIDDLE EAST FZE - TYPE GYPROC FIRESTOP, GYPROC FIRESTOP MR, GYPROC FIRESTOP M2TECH, GYPROC FIRESTOP ACTIV'AIR, GYPROC FIRESTOP MR ACTIV'AIR, GYPROC FIRESTOP M2TECH ACTIV'AIR
THAI GYPSUM PRODUCTS PCL - TYPE C.
UNITED STATES GYPSUM CO - TYPE C, IP-X2 OR WRC.
USG BORAL DRYWALL SFZ LLC - TYPE C
USG MEXICO S A DE C V - TYPE C, IP-X2 OR WRC.

4A. GYPSUM BOARD* - (AS AN ALTERNATE TO ITEM 4) • 5/8 IN. THICK GYPSUM PANELS WITH BEVELED, SQUARE OR TAPERED EDGES, APPLIED VERTICALLY OR HORIZONTALLY. INNER OR BASE LAYER ATTACHED TO STUDS WITH 1 IN. LONG TYPE S OR S-12 STEEL SCREWS SPACED 24 IN, OC WHEN INSTALLED VERTICALLY OR 16 IN. OC WHEN INSTALLED HORIZONTALLY. OUTER OR FACE LAYER ATTACHED TO STUDS WITH 1-5/8 IN. LONG TYPE S OR S-12 STEEL SCREWS SPACED 12 IN. OC WHEN INSTALLED VERTICALLY AND STAGGERED 12 IN. FROM BASE LAYER SCREWS OR 8 IN. OC WHEN INSTALLED HORIZONTALLY AND STAGGERED 8 IN. FROM BASE LAYER SCREWS. HORIZONTAL JOINTS BETWEEN INNER AND OUTER LAYERS STAGGERED A MIN OF 12 IN. HORIZONTAL JOINTS NEED NOT BE BACKED BY STEEL FRAMING. VERTICAL JOINTS CENTERED OVER STUDS AND STAGGERED 24 IN. OUTER LAYER JOINTS COVERED WITH PAPER TAPE AND JOINT COMPOUND. EXPOSED SCREW HEADS COVERED WITH JOINT COMPOUND. PAPER TAPE AND JOINT COMPOUND MAY BE OMITTED WHEN GYPSUM BOARDS ARE SUPPLIED WITH SQUARE EDGES. WHEN USED IN WIDTHS OTHER THAN 48 IN., GYPSUM PANELS TO BE INSTALLED HORIZONTALLY.

CGC INC - TYPE AR, IP-AR, IP-X1, SCX, ULX, OR WRX.
UNITED STATES GYPSUM CO - TYPE AR, FRX-G, IP-AR, IP-X1, SCX, ULX, OR WRX.
USG BORAL DRYWALL SFZ LLC - TYPE SCX
USG MEXICO S A DE C V - TYPE AR, IP-AR, IP-X1, SCX, ULX, OR WRX.

4B. GYPSUM BOARD* - (NOT SHOWN) - MAY BE USED IN LIEU OF ITEMS 4 OR 4A FOR THE BASE LAYER - NOM 5/8 IN. THICK LEAD BACKED GYPSUM PANELS WITH BEVELED, SQUARE OR TAPERED EDGES, APPLIED VERTICALLY. VERTICAL JOINTS CENTERED OVER STUDS AND STAGGERED MIN 1 STUD CAVITY ON OPPOSITE SIDES OF STUDS. WALLBOARD SECURED TO STUDS WITH 1-1/4 IN. LONG TYPE S-12 STEEL SCREWS SPACED 8 IN. OC AT PERIMETER AND 12 IN. OC IN THE FIELD. LEAD BATTEN STRIPS (ITEM 6) REQUIRED BEHIND VERTICAL JOINTS.
RAY-BAR ENGINEERING CORP • TYPE RB-LBG

4C. GYPSUM BOARD* - (AS AN ALTERNATE TO ITEM 4, 4A, 4B) • 5/8 IN. THICK. TWO LAYERS INSTALLED AS DESCRIBED IN ITEM 4.
NATIONAL GYPSUM CO • TYPE FSMR-C, FSW-C, FSK-C, EXP-C.

5. BATTS AND BLANKETS* - (OPTIONAL) • (NOT SHOWN) • MINERAL WOOL OR GLASS FIBER BATTS PARTIALLY OR COMPLETELY FILLING STUD CAVITY. ANY MINERAL WOOL OR GLASS FIBER BATT MATERIAL BEARING THE UL CLASSIFICATION MARKING AS TO FIRE RESISTANCE.

5A. FIBER, SPRAYED* - AS AN ALTERNATE TO BATTS AND BLANKETS (ITEM 5) • (100% BORATE FORMULATION) • SPRAY APPLIED CELLULOSE MATERIAL. THE FIBER IS APPLIED WITH WATER TO COMPLETELY FILL THE ENCLOSED CAVITY IN ACCORDANCE WITH THE APPLICATION INSTRUCTIONS SUPPLIED WITH THE PRODUCT WITH A NOMINAL DRY DENSITY OF 2.7 LB/FT3. ALTERNATE APPLICATION METHOD: THE FIBER IS APPLIED WITHOUT WATER OR ADHESIVE AT A NOMINAL DRY DENSITY OF 3.5 LB/FT3, IN ACCORDANCE WITH THE APPLICATION INSTRUCTIONS SUPPLIED WITH THE PRODUCT.
APPLEGATE GREENFIBER ACQUISITION LLC • INSULMAX AND SANCTUARY FOR USE WITH WET OR DRY APPLICATION.

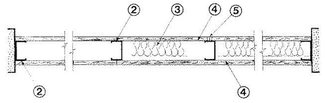
5B. FIBER, SPRAYED* - AS AN ALTERNATE TO BATTS AND BLANKETS (ITEM 5) - SPRAY APPLIED CELLULOSE INSULATION MATERIAL. THE FIBER IS APPLIED WITH WATER TO INTERIOR SURFACES IN ACCORDANCE WITH THE APPLICATION INSTRUCTIONS SUPPLIED WITH THE PRODUCT. APPLIED TO COMPLETELY FILL THE ENCLOSED CAVITY. MINIMUM DRY DENSITY OF 4.3 POUNDS PER CUBIC FT.
NU-WOOL CO INC • CELLULOSE INSULATION

6. LEAD BATTEN STRIPS - FOR USE WITH ITEM 4B - (NOT SHOWN) - LEAD BATTEN STRIPS REQUIRED BEHIND VERTICAL JOINTS OF LEAD BACKED GYPSUM WALLBOARD (ITEM 4A) AND OPTIONAL AT REMAINING STUD LOCATIONS. STRIPS, MIN 1-1/2 IN. WIDE, MAX 10 FT LONG WITH A MAX THICKNESS OF 0.125 IN. STRIPS PLACED ON THE INTERIOR FACE OF STUDS AND ATTACHED FROM THE EXTERIOR FACE OF THE STUD WITH TWO 1 IN. LONG TYPE S-12 PAN HEAD STEEL SCREWS, ONE AT THE TOP OF THE STRIP AND ONE AT THE BOTTOM OF THE STRIP. LEAD BATTEN STRIPS TO HAVE A PURITY OF 99.9% MEETING THE FEDERAL SPECIFICATION QQ-L-201F, GRADE "C".

6A. LEAD DISCS OR TABS - (NOT SHOWN) - USED IN LIEU OF OR IN ADDITION TO THE LEAD BATTEN STRIPS (ITEM 6) OR OPTIONAL AT OTHER LOCATIONS - MAX 3/4 IN. DIAM BY MAX 0.125 IN. THICK LEAD DISCS COMPRESSION FITTED OR ADHERED OVER STEEL SCREW HEADS OR MAX 1/2 IN. BY 1-1/4 IN. BY MAX 0.125 IN. THICK LEAD TABS PLACED ON GYPSUM BOARDS (ITEM 5) UNDERNEATH SCREW LOCATIONS PRIOR TO THE INSTALLATION OF THE SCREWS. LEAD DISCS OR TABS TO HAVE A PURITY OF 99.9% MEETING THE FEDERAL SPECIFICATION QQ-L-201F, GRADE "C".

DESIGN NO. U465

JUNE 14, 2024
NONBEARING WALL RATING - 1 HR.
*** INDICATES SUCH PRODUCTS SHALL BEAR THE UL OR CUL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL OR CUL CERTIFICATION (SUCH AS CANADA), RESPECTIVELY.**



1. FLOOR AND CEILING RUNNERS - (NOT SHOWN) - CHANNEL SHAPED RUNNERS, 3-5/8 IN. DEEP (MIN), 1-1/4 IN. LEGS, FORMED FROM MIN NO. 25 MSG GALV STEEL, ATTACHED TO FLOOR AND CEILING WITH FASTENERS SPACED 24 IN. OC MAX.

2. STEEL STUDS - CHANNEL SHAPED, 3-5/8 IN. DEEP (MIN), FORMED FROM MIN NO. 25 MSG GALV STEEL SPACED 24 IN. OC MAX. STUDS TO BE CUT 3/4 IN. LESS THAN ASSEMBLY HEIGHT.

3. BATTS AND BLANKETS* - (OPTIONAL) • MINERAL WOOL OR GLASS FIBER BATTS PARTIALLY OR COMPLETELY FILLING STUD CAVITY.
SEE BATTS AND BLANKETS (BZJZ) CATEGORY FOR NAMES OF CLASSIFIED COMPANIES.

ROCKWOOL - TYPE AFB, MIN. DENSITY 1.69 PCF / 27.0 KG/M3
ROCKWOOL MALAYSIA SDN BHD • TYPE ACOUSTICAL FIRE BATTS

3A. FIBER, SPRAYED* - AS AN ALTERNATE TO BATTS AND BLANKETS (ITEM 3) • (100% BORATE FORMULATION) • SPRAY APPLIED CELLULOSE MATERIAL. THE FIBER IS APPLIED WITH WATER TO COMPLETELY FILL THE ENCLOSED CAVITY IN ACCORDANCE WITH THE APPLICATION INSTRUCTIONS SUPPLIED WITH THE PRODUCT WITH A NOMINAL DRY DENSITY OF 2.7 LB/FT3. ALTERNATE APPLICATION METHOD: THE FIBER IS APPLIED WITHOUT WATER OR ADHESIVE AT A NOMINAL DRY DENSITY OF 3.5 LB/FT3, IN ACCORDANCE WITH THE APPLICATION INSTRUCTIONS SUPPLIED WITH THE PRODUCT.
APPLEGATE GREENFIBER ACQUISITION LLC • INSULMAX AND SANCTUARY FOR USE WITH WET OR DRY APPLICATION.

3B. FIBER, SPRAYED* - AS AN ALTERNATE TO BATTS AND BLANKETS (ITEM 3) • SPRAY APPLIED CELLULOSE INSULATION MATERIAL. THE FIBER IS APPLIED WITH WATER TO INTERIOR SURFACES IN ACCORDANCE WITH THE APPLICATION INSTRUCTIONS SUPPLIED WITH THE PRODUCT. APPLIED TO COMPLETELY FILL THE ENCLOSED CAVITY. MINIMUM DRY DENSITY OF 4.3 POUNDS PER CUBIC FT.
NU-WOOL CO INC - CELLULOSE INSULATION

4. GYPSUM BOARD* - 5/8 IN. THICK, 4 FT WIDE, ATTACHED TO STEEL STUDS AND FLOOR AND CEILING TRACK WITH 1 IN. LONG, TYPE S STEEL SCREWS SPACED 8 IN. OC. ALONG EDGES OF BOARD AND 12 IN. OC IN THE FIELD OF THE BOARD. JOINTS ORIENTED VERTICALLY AND STAGGERED ON OPPOSITE SIDES OF THE ASSEMBLY. WHEN STEEL FRAMING MEMBERS* (ITEM 6 OR ANY ALTERNATE CLIPS) ARE USED, GYPSUM BOARD IS SCREW ATTACHED TO FURRING CHANNELS WITH 1 IN. LONG, TYPE S STEEL SCREWS SPACED 12 IN. OC.

AMERICAN GYPSUM CO TYPES AG-C, AGX-1, M-GLASS, LIGHTPROC
BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO TYPE DBX-1
CABOT MANUFACTURING ULC TYPE X, 5/8 TYPE X, TYPE BLUEGLASS EXTERIOR SHEATHING
CGC INC TYPES AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULIX, USGX, WRC OR WRX (JOINT TAPE AND COMPOUND, ITEM 5, OPTIONAL FOR USE WITH TYPE USGX)
CERTAINTEED GYPSUM INC TYPES EGRG, GLASROC, TYPE X-1, TYPE C, 5/8" EASI-LITE TYPE X, EASI-LITE TYPE X-2, TYPE LWTX
CERTAINTEED GYPSUM INC TYPES LGFC2A, LGFC6A, LGFC-C/A, LGFC-WD, LGLLX
GEORGIA-PACIFIC GYPSUM L L C TYPES 5, 6, 9, C, DAP, DD, DA, DAPC, DGG, DS, GPFS6, LS, TYPE X, VENEER PLASTER BASE - TYPE X, WATER RATED - TYPE X, SHEATHING - TYPE X, SOFFIT - TYPE X, TG-C, GREENGLASS TYPE X, TYPE X COMFORTGUARD SOUND DEADENING GYPSUM BOARD, TYPE LWX, VENEER PLASTER BASE-TYPE LWX, WATER RATED-TYPE LWX, SHEATHING TYPE-LWX, SOFFIT-TYPE LWX, TYPE DGLW, WATER RATED-TYPE DGLW, SHEATHING TYPE- DGLW, SOFFIT-TYPE DGLW, TYPE LW2X, VENEER PLASTER BASE - TYPE LW2X, WATER RATED - TYPE LW2X, SHEATHING - TYPE LW2X, SOFFIT - TYPE LW2X, TYPE DGL2W, WATER RATED - TYPE DGL2W, SHEATHING - TYPE DGL2W
NATIONAL GYPSUM CO TYPES EXP-C, FSK, FSK-C, FSK-G, FSMR-C, FSW-C, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSW-8, FSL, RSX.
NATIONAL GYPSUM CO RIYADH, SAUDI ARABIA • TYPE FR, OR WR
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM • TYPES PG-C, PG-9, PG-11, PGS-WRS, PGI
PANEL REY S A - TYPES GREX, GRIX, PRC, PRC2, PRX, RHX, MDX, ETX, PRX2
SAINT-GOBAIN GYPROC MIDDLE EAST FZE • TYPE GYPROC FIRESTOP, GYPROC FIRESTOP MR, GYPROC FIRESTOP M2TECH, GYPROC FIRESTOP ACTIV'AIR, GYPROC FIRESTOP MR ACTIV'AIR, GYPROC FIRESTOP M2TECH ACTIV'AIR, GYPROC DURALINE, GYPROC DURALINE MR, GYPROC DURALINE M2TECH, GYPROC DURALINE ACTIV'AIR, GYPROC DURALINE MR ACTIV'AIR, GYPROC DURALINE M2TECH ACTIV'AIR
SIAM GYPSUM INDUSTRY (SARABURI) CO LTD - TYPE EX-1
THAI GYPSUM PRODUCTS PCL TYPE X AND TYPE C, M2TECH TYPE C
UNITED STATES GYPSUM CO TYPE AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULIX, USGX, WRC, WRX, (JOINT TAPE AND COMPOUND, ITEM 5, OPTIONAL FOR USE WITH TYPE USGX)
USG BORAL DRYWALL SFZ LLC - TYPES C, SCX, USGX (JOINT TAPE AND COMPOUND, ITEM 5, OPTIONAL FOR USE WITH TYPE USGX)
USG MEXICO S A DE C V TYPE AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, USGX, WRC OR WRX (JOINT TAPE AND COMPOUND, ITEM 5, OPTIONAL FOR USE WITH TYPE USGX)

4A. GYPSUM BOARD* (AS ALTERNATE TO ITEM 4) • NOM 5/8 IN. THICK GYPSUM PANELS WITH BEVELED, SQUARE OR TAPERED EDGES, APPLIED VERTICALLY OR HORIZONTALLY. VERTICAL JOINTS CENTERED OVER STUDS AND STAGGERED ONE STUD CAVITY ON OPPOSITE SIDES OF STUDS. HORIZONTAL EDGE JOINTS AND HORIZONTAL BUTT JOINTS ON OPPOSITE SIDES OF STUDS NEED NOT BE STAGGERED OR BACKED BY STEEL FRAMING. PANELS ATTACHED TO STEEL STUDS AND FLOOR RUNNER WITH 1 IN. LONG TYPE S STEEL SCREWS SPACED 8 IN. OC WHEN APPLIED HORIZONTALLY, OR 8 IN. OC ALONG VERTICAL AND BOTTOM EDGES AND 12 IN. OC IN THE FIELD WHEN PANELS ARE APPLIED VERTICALLY. WHEN USED IN WIDTHS OTHER THAN 48 IN., GYPSUM PANELS TO BE INSTALLED HORIZONTALLY. WHEN USING ULIX, PANELS NEED NOT BE STAGGERED IN HORIZONTAL APPLICATIONS AND SCREW SPACING CAN BE INCREASED TO 12 IN. OC IN FIELD AND PERIMETER.
CERTAINTEED GYPSUM INC • TYPE X-1, TYPE C, TYPE EGRG/ GLASROC, GLASROC-2, TYPE SILENTFX, EASI-LITE TYPE X-2

CGC INC - TYPES AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULIX, USGX, WRC OR WRX (JOINT TAPE AND COMPOUND, ITEM 5, OPTIONAL FOR USE WITH TYPE USGX)
CERTAINTEED GYPSUM INC - TYPES LGFC2A, LGFC6A, LGFC-C/A, LGFC-WD
GEORGIA-PACIFIC GYPSUM L L C - TYPES DAP, DAPC, DGG, DS

SAINT-GOBAIN GYPROC MIDDLE EAST FZE - TYPE GYPROC FIRESTOP, GYPROC FIRESTOP MR, GYPROC FIRESTOP M2TECH, GYPROC FIRESTOP ACTIV'AIR, GYPROC FIRESTOP MR ACTIV'AIR, GYPROC FIRESTOP M2TECH ACTIV'AIR, GYPROC DURALINE, GYPROC DURALINE MR, GYPROC DURALINE M2TECH, GYPROC DURALINE ACTIV'AIR, GYPROC DURALINE MR ACTIV'AIR, GYPROC DURALINE M2TECH ACTIV'AIR

THAI GYPSUM PRODUCTS PCL - TYPE X AND TYPE C, M2TECH TYPE C
UNITED STATES GYPSUM CO - TYPES AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULIX, USGX, WRC, WRX (JOINT TAPE AND COMPOUND, ITEM 5, OPTIONAL FOR USE WITH TYPE USGX)
USG BORAL DRYWALL SFZ LLC - TYPES C, SCX, USGX (JOINT TAPE AND COMPOUND, ITEM 5, OPTIONAL FOR USE WITH TYPE USGX)
USG MEXICO S A DE C V - TYPE AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, USGX, WRC OR WRX (JOINT TAPE AND COMPOUND, ITEM 5, OPTIONAL FOR USE WITH TYPE USGX)

4B. GYPSUM BOARD* - (AS AN ALTERNATE TO ITEMS 4 OR 4A) - NOM 3/4 IN. THICK, 4 FT WIDE, INSTALLED AS DESCRIBED IN ITEM 4A WITH SCREW LENGTH INCREASED TO 1-1/4 IN.
CGC INC • TYPES AR, IP-AR

UNITED STATES GYPSUM CO - TYPES AR, IP-AR
USG MEXICO S A DE C V - TYPES AR, IP-AR

5. JOINT TAPE AND COMPOUND - VINYL, DRY OR PREMIXED JOINT COMPOUND, APPLIED IN TWO COATS TO JOINTS AND SCREW HEADS; PAPER TAPE, 2 IN. WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS. AS AN ALTERNATE, NOMINAL 3/32 IN. THICK GYPSUM VENEER PLASTER MAY BE APPLIED TO THE ENTIRE SURFACE OF CLASSIFIED VENEER BASEBOARD. JOINTS REINFORCED. PAPER TAPE AND JOINT COMPOUND MAY BE OMITTED WHEN GYPSUM BOARDS ARE SUPPLIED WITH SQUARE EDGES.
6. RESILIENT CHANNEL • (OPTIONAL - NOT SHOWN) • 25 MSG GALV STEEL RESILIENT CHANNELS SPACED VERTICALLY MAX 24 IN. OC, FLANGE PORTION ATTACHED TO EACH INTERSECTING STUD WITH 1/2 IN. LONG TYPE S-12 PAN HEAD STEEL SCREWS. MAY NOT BE USED WITH ITEM 4F, 4J OR 4L.
6A. STEEL FRAMING MEMBERS* - (OPTIONAL, NOT SHOWN, AS AN ALTERNATE TO ITEM 6) • FURRING CHANNELS AND STEEL FRAMING MEMBERS AS DESCRIBED BELOW:
A. FURRING CHANNELS - FORMED OF NO. 25 MSG GALV STEEL, 2-9/16 IN, OR 2-23/32 IN. WIDE BY 7/8 IN. DEEP, SPACED 24 IN. OC PERPENDICULAR TO STUDS. CHANNELS SECURED TO STUDS AS DESCRIBED IN ITEM B. ENDS OF ADJOINING CHANNELS ARE OVERLAPPED 6 IN. AND TIED TOGETHER WITH DOUBLE STRAND OF NO. 18 SWG GALV STEEL WIRE NEAR EACH END OF OVERLAP. AS AN ALTERNATE, ENDS OF ADJOINING CHANNELS MAY BE OVERLAPPED 6 IN. AND SECURED TOGETHER WITH TWO SELF-TAPPING NO. 6 FRAMING SCREWS, MIN 7/16 IN. LONG AT THE MIDPOINT OF THE OVERLAP, WITH ONE SCREW ON EACH FLANGE OF THE CHANNEL. NOT FOR USE WITH ITEMS 4F, 4J, OR 4L.
B. FRAMING MEMBERS* - USED TO ATTACH FURRING CHANNELS (ITEM A) TO STUDS (ITEM 2). CLIPS SPACED 48 IN. OC., AND SECURED TO STUDS WITH 1-5/8 IN. WAFER OR HEX HEAD TYPE S STEEL SCREW THROUGH THE CENTER GROMMET. FURRING CHANNELS ARE FRICTION FITTED INTO CLIPS. RSIC-1 CLIP FOR USE WITH 2-9/16 IN. WIDE FURRING CHANNELS. RSIC-1 (2.75) CLIP FOR USE WITH 2-23/32 IN. WIDE FURRING CHANNELS.
PAC INTERNATIONAL L L C - TYPES RSIC-1, RSIC-1 (2.75)

* INDICATES SUCH PRODUCTS SHALL BEAR THE UL OR CUL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL OR CUL CERTIFICATION (SUCH AS CANADA), RESPECTIVELY.

SYSTEM NO. BW-S-0001

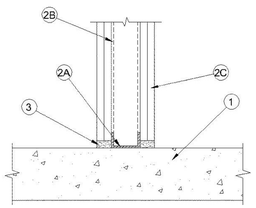
JANUARY 26, 2015

ANSI/UL2079

ASSEMBLY RATINGS - 1 AND 2 HR (SEE ITEM 2)
NOMINAL JOINT WIDTH - 3/4 IN.
L RATING AT AMBIENT - LESS THAN 1 CFM/LIN FT
L RATING AT 400° F - LESS THAN 1 CFM/LIN FT

CAN/ULC S115

F RATINGS - 1 AND 2 HR (SEE ITEM 2)
FT RATINGS - 1 AND 2 HR (SEE ITEM 2)
FH RATINGS - 1 AND 2 HR (SEE ITEM 2)
FTH RATINGS - 1 AND 2 HR (SEE ITEM 2)
NOMINAL JOINT WIDTH - 3/4 IN.
L RATING AT AMBIENT - LESS THAN 1 CFM/LIN FT
L RATING AT 400° F - LESS THAN 1 CFM/LIN FT



1. FLOOR ASSEMBLY • MIN 4-1/2 IN. (114 MM) THICK REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF OR 1600-2400 KG/M3) STRUCTURAL CONCRETE. FLOOR MAY ALSO BE CONSTRUCTED OF ANY 6 IN. (152 MM) THICK UL CLASSIFIED HOLLOW-CORE PRECAST CONCRETE UNITS*. SEE PRECAST CONCRETE UNITS CATEGORY IN THE FIRE RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURES.

2. WALL ASSEMBLY • THE 1 OR 2 H FIRE-RATED GYPSUM BOARD/STEEL STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U400 OR V400 SERIES WALL OR PARTITION DESIGN IN THE UL FIRE RESISTANCE DIRECTORY. IN ADDITION, THE WALL MAY INCORPORATE A HEAD-OF-WALL JOINT SYSTEM CONSTRUCTED AS SPECIFIED IN THE HW SERIES JOINT SYSTEMS IN THE UL FIRE RESISTANCE DIRECTORY. THE WALL SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:

A. STEEL FLOOR RUNNER • FLOOR RUNNERS OF WALL ASSEMBLY SHALL CONSIST OF MIN NO. 25 GAUGE GALV STEEL CHANNELS SIZED TO ACCOMMODATE STEEL STUDS (ITEM 2B). FLOOR RUNNERS TO BE PROVIDED WITH MIN 1-1/4 IN. (32 MM) FLANGES. RUNNERS SECURED WITH STEEL FASTENERS SPACED 12 IN. (305 MM) OC.

B. STUDS • STEEL STUDS TO BE MIN 2-1/2 IN. (64 MM) WIDE. STUDS CUT 1/2 TO 3/4 IN. (13 TO 19 MM) LESS IN LENGTH THAN ASSEMBLY HEIGHT WITH BOTTOM NESTING IN, RESTING ON AND FASTENED TO FLOOR RUNNER WITH SHEET METAL SCREWS. STUD SPACING NOT TO EXCEED 24 IN. (610 MM) OC.

C. GYPSUM BOARD* • GYPSUM BOARD INSTALLED TO A MIN TOTAL THICKNESS OF 5/8 OR 1-1/4 IN. (16 OR 32 MM) ON EACH SIDE OF WALL FOR A 1 OR 2 HR RATED WALL, RESPECTIVELY. WALL TO BE CONSTRUCTED AS SPECIFIED IN THE INDIVIDUAL U400 OR V400 SERIES DESIGN IN THE UL FIRE RESISTANCE DIRECTORY, EXCEPT THAT A MAX 3/4 IN. (19 MM) GAP SHALL BE MAINTAINED BETWEEN THE BOTTOM OF GYPSUM BOARD AND TOP OF CONCRETE FLOOR. THE HOURLY FIRE RATING OF THE JOINT SYSTEM IS EQUAL TO THE HOURLY FIRE RATING OF THE WALL.

3. FILL, VOID OR CAVITY MATERIAL* SEALANT • MAX SEPARATION BETWEEN TOP OF FLOOR AND BOTTOM OF GYPSUM BOARD IS 3/4 IN. (19 MM). FOR 1 AND 2 HR RATED WALL ASSEMBLIES, MIN 5/8 IN. OR 1-1/4 IN. (16 OR 1-1/4 MM) THICKNESS OF FILL MATERIAL, RESPECTIVELY, INSTALLED ON EACH SIDE OF THE WALL BETWEEN THE BOTTOM OF THE GYPSUM BOARD AND THE TOP OF THE CONCRETE FLOOR, FLUSH WITH EACH SURFACE OF THE WALL.
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC • CP601S ELASTOMERIC FIRESTOP SEALANT, CP606 FLEXIBLE FIRESTOP SEALANT, CFS-S SIL GG, FS-ONE SEALANT OR FS-ONE MAX INTUMESCENT SEALANT

* INDICATES SUCH PRODUCTS SHALL BEAR THE UL OR CUL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL OR CUL CERTIFICATION (SUCH AS CANADA), RESPECTIVELY.

SYSTEM NO. WW-S-0048

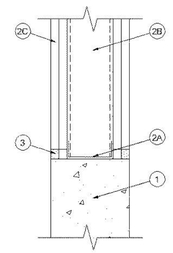
DECEMBER 23, 2013

ANSI/UL2079

ASSEMBLY RATINGS - 1 AND 2 HR (SEE ITEMS 1 AND 2)
JOINT WIDTH - 3/4 IN. MAX
L RATING AT AMBIENT - LESS THAN 1 CFM/SQ FT (SEE ITEM 3)
L RATING AT 400 F - LESS THAN 1 CFM/SQ FT (SEE ITEM 3)

CAN/ULC S115

F RATINGS - 1 AND 2 HR (SEE ITEMS 1 AND 2)
FT RATINGS - 1 AND 2 HR (SEE ITEMS 1 AND 2)
FH RATINGS - 1 AND 2 HR (SEE ITEMS 1 AND 2)
FTH RATINGS - 1 AND 2 HR (SEE ITEMS 1 AND 2)
JOINT WIDTH - 3/4 IN. MAX
L RATING AT AMBIENT - LESS THAN 1 CFM/SQ FT (SEE ITEM 3)
L RATING AT 400 F - LESS THAN 1 CFM/SQ FT (SEE ITEM 3)

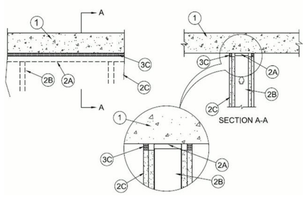


1. CONCRETE WALL ASSEMBLY - MIN 4-3/4 IN. (121 MM) AND 6 IN. (152 MM) THICK REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF OR 1600-2400 KG/M3) STRUCTURAL CONCRETE FOR 1 AND 2 HR RATED ASSEMBLIES, RESPECTIVELY. ADDITIONALLY, THICKNESS OF THE CONCRETE WALL SHALL BE EQUAL TO OR GREATER THAN THICKNESS OF GYPSUM WALL. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS*. TOP COURSE OF CONCRETE BLOCKS SHALL BE EITHER SOLID OR FILLED WITH CONCRETE.
SEE CONCRETE BLOCKS (CAZT) CATEGORY IN THE FIRE RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURERS.

2. GYPSUM WALL ASSEMBLY - THE 1 OR 2 H FIRE RATED GYPSUM BOARD/STEEL STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U400, V400 OR W400 SERIES WALL AND PARTITION DESIGN IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
A. STEEL FLOOR RUNNERS - FLOOR RUNNERS OF WALL ASSEMBLY SHALL CONSIST OF MIN NO. 25 GAUGE GALV STEEL CHANNELS SIZED TO ACCOMMODATE STEEL STUDS

SYSTEM NO. HW-D-0003

JUNE 21, 2023
ASSEMBLY RATINGS 1 AND 2 HR (SEE ITEM 2)
L RATING AT AMBIENT LESS THAN 1 CFM/LIN FT
L RATING AT 400°F LESS THAN 1 CFM/LIN FT
JOINT WIDTH 3/4 IN. MAX
CLASS II MOVEMENT CAPABILITIES 25% COMPRESSION ONLY



1. FLOOR ASSEMBLY - MIN 4-1/2 IN. (114 MM) THICK STEEL-REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF OR 1600-2400 KG/M3) STRUCTURAL CONCRETE.

2. WALL ASSEMBLY - THE 1 OR 2 HR FIRE-RATED GYPSUM BOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER DESCRIBED IN THE INDIVIDUAL U400, V400 SERIES OR W400 SERIES WALL AND PARTITION DESIGN IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:

A. STEEL FLOOR AND CEILING RUNNERS - FLOOR AND CEILING RUNNERS OF WALL ASSEMBLY SHALL CONSIST OF GALV STEEL CHANNELS SIZED TO ACCOMMODATE STEEL STUDS (ITEM 2B) WITH MIN 1-1/4 IN. (32 MM) TO MAX 2 IN. (51 MM) FLANGES. WHEN DEFLECTION CHANNEL (ITEM 3A) IS USED, FLANGE HEIGHT OF CEILING RUNNER IS TO BE EQUAL TO OR GREATER THAN FLANGE HEIGHT OF DEFLECTION CHANNEL AND THE CEILING RUNNER IS TO NEST WITHIN THE DEFLECTION CHANNEL WITH A 1/2 IN. TO 3/4 IN. (13 TO 19 MM) GAP MAINTAINED BETWEEN THE TOP OF THE CEILING RUNNER AND THE TOP OF THE DEFLECTION CHANNEL. WHEN DEFLECTION CHANNEL IS NOT USED, CEILING RUNNER IS SECURED TO CONCRETE FLOOR WITH STEEL FASTENERS SPACED MAX 24 IN. (610 MM) OC.

A1. LIGHT GAUGE FRAMING* - SLOTTED CEILING RUNNER - AS AN ALTERNATE TO THE CEILING RUNNER IN ITEM 2A, CEILING RUNNER TO CONSIST OF GALV STEEL CHANNEL WITH SLOTTED FLANGES SIZED TO ACCOMMODATE STEEL STUDS (ITEMS 2B). CEILING RUNNER SECURED TO BOTTOM OF CONCRETE FLOOR WITH STEEL FASTENERS SPACED MAX 24 IN. (610 MM) OC. WHEN SLOTTED CEILING RUNNER IS USED, DEFLECTION CHANNEL (ITEM 3A) SHALL NOT BE USED.

CEMCO, LLC - CST
CLARKDIETRICH BUILDING SYSTEMS - TYPE SLT, SLT-H
CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV - SDT250, SDT300
MARINO/WARE, D/V OF WARE INDUSTRIES INC - TYPE SLT
METAL-LITE INC - THE SYSTEM
OLMAR SUPPLY INC - STT250, STT300
QUAIL RUN BUILDING MATERIALS INC - SLOTTED DEFLECTION TRACK
R & P SUPPLY - SCT250, SCT300
RAM SALES L.L.C - RAM SLOTTED TRACK
SCAFCO STEEL STUD MANUFACTURING CO
STEELER INC - STEELER SLOTTED CEILING RUNNER
TELLING INDUSTRIES L L C - TRUE-ACTION DEFLECTION TRACK

A2. LIGHT GAUGE FRAMING* - VERTICAL DEFLECTION CEILING RUNNER - AS AN ALTERNATE TO THE CEILING RUNNER IN ITEM 2A, VERTICAL DEFLECTION CEILING RUNNER TO CONSIST OF GALV STEEL CHANNEL WITH SLOTTED VERTICAL DEFLECTION CLIPS MECHANICALLY FASTENED WITHIN RUNNER. SLOTTED CLIP PROVIDED WITH STEP BUSHINGS FOR PERMANENT FASTENING OF STEEL STUDS. FLANGES SIZED TO ACCOMMODATE STEEL STUDS (ITEM 2B). VERTICAL DEFLECTION CEILING RUNNER SECURED TO FLOOR WITH STEEL FASTENERS SPACED MAX 24 IN. (610 MM) OC. WHEN VERTICAL DEFLECTION CEILING RUNNER IS USED, DEFLECTION CHANNEL (ITEM 3A) SHALL NOT BE USED.
THE STEEL NETWORK INC - VERTITRACK VTD362, VTD400, VTD600 AND VTD800

B. STUDS - STEEL STUDS TO BE MIN 3-1/2 IN. (89 MM) WIDE. STUDS CUT 1/2 IN. TO 3/4 IN. (13 TO 19 MM) LESS IN LENGTH THAN ASSEMBLY HEIGHT WITH BOTTOM NESTING IN AND SECURED TO FLOOR RUNNER AND WITH TOP NESTING IN CEILING RUNNER WITHOUT ATTACHMENT. WHEN DEFLECTION CHANNEL (ITEM 3A) IS USED, STEEL STUDS ATTACHED TO CEILING RUNNER WITH SHEET METAL SCREWS LOCATED 1/2 IN. (13 MM) BELOW THE BOTTOM OF THE DEFLECTION CHANNEL. WHEN SLOTTED CEILING RUNNER (ITEM 2A1) IS USED, STEEL STUDS SECURED TO SLOTTED CEILING RUNNER WITH NO. 8 BY 1/2 IN. (13 MM) LONG WAFER HEAD STEEL SCREWS AT MIDHEIGHT OF SLOT ON EACH SIDE OF WALL. STUD SPACING NOT TO EXCEED 24 IN. (610 MM) OC. WHEN VERTICAL DEFLECTION CEILING RUNNER (ITEM 2A2) IS USED, STEEL STUDS SECURED TO SLOTTED VERTICAL DEFLECTION CLIPS, THROUGH BUSHINGS, WITH STEEL SCREWS AT MIDHEIGHT OF EACH SLOT.

B1. LIGHT GAUGE FRAMING* - SLOTTED STUDS - SLOTTED STEEL STUD TO BE USED IN CONJUNCTION WITH LIGHT GAUGE FRAMING* - FLOOR AND CEILING RUNNERS (ITEM 2A1). SLOTTED STEEL STUDS TO BE MIN 3-1/2 IN. (89 MM) WIDE. SLOTTED STEEL STUDS CUT 1/2 IN. TO 3/4 IN. (13 TO 19 MM) LESS IN LENGTH THAN ASSEMBLY HEIGHT WITH BOTTOM NESTING IN AND SECURED TO BOTH CEILING AND FLOOR RUNNERS. CEILING RUNNER SECURED TO PREFORMED SLOT WITHIN STEEL STUD BY MEANS OF NO. 10 BY 3/4 IN. (19 MM) LONG LOW PROFILE HEAD STEEL SCREW. FLOOR RUNNER ATTACHED TO BOTTOM OF STEEL STUD BY MEANS OF NO. 8 BY 1/2 IN. (13 MM) LONG PAN HEAD STEEL SCREW. SLOTTED STEEL STUD SPACING NOT TO EXCEED 24 IN. (610 MM) OC.
STEELER INC - STEELER SLOTTED STUD

C. GYPSUM BOARD* - GYPSUM BOARD SHEETS INSTALLED TO A MIN TOTAL THICKNESS OF 5/8 IN. AND 1-1/4 IN. (16 AND 32 MM) ON EACH SIDE OF WALL FOR 1 AND 2 HR FIRE RATED ASSEMBLIES, RESPECTIVELY. WALL TO BE CONSTRUCTED AS SPECIFIED IN THE INDIVIDUAL WALL AND PARTITION DESIGN IN THE UL FIRE RESISTANCE DIRECTORY, EXCEPT THAT A MAX 3/4 IN. (19 MM) GAP SHALL BE MAINTAINED BETWEEN THE TOP OF THE GYPSUM BOARD AND THE BOTTOM SURFACE OF THE FLOOR. THE SCREWS ATTACHING THE GYPSUM BOARD TO THE STUDS ALONG THE TOP OF THE WALL SHALL BE LOCATED 1 IN. (25 MM) BELOW THE BOTTOM OF THE CEILING RUNNER. NO GYPSUM BOARD ATTACHMENT SCREWS SHALL BE DRIVEN INTO THE CEILING RUNNER OR INTO THE OPTIONAL DEFLECTION CHANNEL.
THE HOURLY FIRE RATING OF THE JOINT SYSTEM IS DEPENDENT ON THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED.

3. JOINT SYSTEM MAX SEPARATION BETWEEN BOTTOM OF FLOOR AND TOP OF WALL IS 3/4 IN. (19 MM). THE JOINT SYSTEM IS DESIGNED TO ACCOMMODATE A MAX 25 PERCENT COMPRESSION FROM ITS INSTALLED WIDTH. THE JOINT SYSTEM CONSISTS OF THE FOLLOWING:

A. DEFLECTION CHANNEL - (OPTIONAL, NOT SHOWN) - MAX 2 IN. (51 MM) DEEP MIN 24 GAUGE GALV STEEL CHANNEL SIZED TO ACCOMMODATE CEILING RUNNER (ITEM 2A). DEFLECTION CHANNEL SECURED TO BOTTOM OF CONCRETE FLOOR WITH STEEL FASTENERS SPACED MAX 24 IN. (610 MM) OC. THE CEILING RUNNER IS INSTALLED WITHIN THE DEFLECTION CHANNEL TO MAINTAIN A 1/2 IN. TO 3/4 IN. (13 TO 19 MM) GAP BETWEEN THE TOP OF THE CEILING RUNNER AND THE TOP OF THE DEFLECTION CHANNEL. THE CEILING RUNNER IS NOT FASTENED TO THE DEFLECTION CHANNEL.

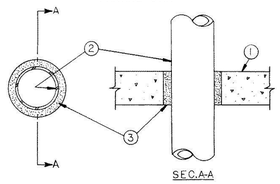
B. FORMING MATERIAL - (OPTIONAL, NOT SHOWN) - IN 2 HR FIRE RATED WALL ASSEMBLIES, POLYETHYLENE BACKER ROD, MINERAL WOOL BATT INSULATION OR FIBERGLASS BATT INSULATION FRICTION FIT INTO JOINT OPENING.

C. FILL, VOID OR CAVITY MATERIAL* - SEALANT - MIN 1/2 IN. (13 MM) THICKNESS OF FILL MATERIAL APPLIED WITHIN JOINT OPENING ON BOTH SIDES OF WALL, FLUSH WITH BOTH SURFACES OF WALL. IN 1 HR FIRE RATED WALLS, BOND BREAKER TAPE APPLIED TO CEILING CHANNEL (ITEM 2A, 2A1, 2A2 OR 2A3) PRIOR TO INSTALLATION OF FILL MATERIAL.
SPECIFIED TECHNOLOGIES INC - SPECSEAL SERIES SSS SEALANT

* INDICATES SUCH PRODUCTS SHALL BEAR THE UL OR CUL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL OR CUL CERTIFICATION (SUCH AS CANADA), RESPECTIVELY.

SYSTEM NO. C-AJ-1041

JUNE 18, 1994
F RATING - 2 HR
T RATING - 0 HR



1. FLOOR OR WALL ASSEMBLY - MIN 3-1/4 IN. THICK REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF) CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS*. MAX DIAM OF OPENING IS 6 IN.

SEE CONCRETE BLOCKS (CAZT) CATEGORY IN THE FIRE RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURERS.

2. THROUGH PENETRANTS - ONE METALLIC PIPE, CONDUIT OR TUBING TO BE CENTERED WITHIN THE FIRESTOP SYSTEM. A NOM ANNULAR SPACE OF 3/4 IN. IS REQUIRED WITHIN THE FIRESTOP SYSTEM. PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES, CONDUITS OR TUBING MAY BE USED:

A. STEEL PIPE - NOM 4 IN. DIAM (OR SMALLER) SCHEDULE 5 (OR HEAVIER) STEEL PIPE.

B. CONDUIT - NOM 4 IN. DIAM (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING OR STEEL CONDUIT.

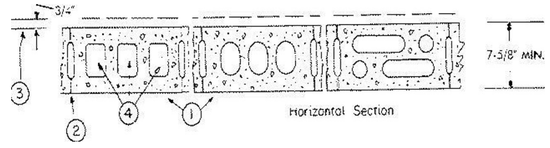
3. FILL, VOID OR CAVITY MATERIAL* - PUTTY - MIN 3-1/4 IN. THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULUS, FLUSH WITH BOTH SURFACES OF FLOOR OR WALL.
EGS NELSON FIRESTOP - TYPE FSP PUTTY

* INDICATES SUCH PRODUCTS SHALL BEAR THE UL OR CUL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL OR CUL CERTIFICATION (SUCH AS CANADA), RESPECTIVELY.

DESIGN NO. U905

APRIL 14, 2023
BEARING WALL RATING - 2 HR.
NONBEARING WALL RATING - 2 HR
THIS DESIGN WAS EVALUATED USING A LOAD DESIGN METHOD OTHER THAN THE LIMIT STATES DESIGN METHOD (E.G., WORKING STRESS DESIGN METHOD). FOR JURISDICTIONS EMPLOYING THE LIMIT STATES DESIGN METHOD, SUCH AS CANADA, A LOAD RESTRICTION FACTOR SHALL BE USED - SEE GUIDE BXUV OR BXUV7

* INDICATES SUCH PRODUCTS SHALL BEAR THE UL OR CUL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL OR CUL CERTIFICATION (SUCH AS CANADA), RESPECTIVELY.



1. CONCRETE BLOCKS* - VARIOUS DESIGNS. CLASSIFICATION D-2 (2 HR).
SEE CONCRETE BLOCKS CATEGORY FOR LIST OF ELIGIBLE MANUFACTURERS

2. MORTAR - BLOCKS LAID IN FULL BED OF MORTAR, NOM. 3/8 IN. THICK, OF NOT LESS THAN 2-1/4 AND NOT MORE THAN 3-1/2 PARTS OF CLEAN SHARP SAND TO 1 PART PORTLAND CEMENT (PROPORTIONED BY VOLUME) AND NOT MORE THAN 50 PERCENT HYDRATED LIME (BY CEMENT VOLUME). VERTICAL JOINTS STAGGERED.

3. PORTLAND CEMENT STUCCO OR GYPSUM PLASTER - ADD 1/2 HR TO CLASSIFICATION IF USED. WHERE COMBUSTIBLE MEMBERS ARE FRAMED IN WALL, PLASTER OR STUCCO MUST BE APPLIED ON THE FACE OPPOSITE FRAMING TO ACHIEVE A MAX. CLASSIFICATION OF 1-1/2 HR. ATTACHED TO CONCRETE BLOCKS (ITEM 1).

4. LOOSE MASONRY FILL - IF ALL CORE SPACES ARE FILLED WITH LOOSE DRY EXPANDED SLAG, EXPANDED CLAY OR SHALE (ROTARY KILN PROCESS), WATER REPELLANT VERMICULITE MASONRY FILL INSULATION, OR SILICONE TREATED PERLITE LOOSE FILL INSULATION ADD 2 HR TO CLASSIFICATION.

5. FOAMED PLASTIC* - (OPTIONAL-NOT SHOWN) - 1-1/2 IN. THICK MAX, 4 FT WIDE SHEATHING ATTACHED TO CONCRETE BLOCKS (ITEM 1).
ATLAS ROOFING CORP - ENERGYSHIELD PRO WALL INSULATION, ENERGYSHIELD PRO 2 WALL INSULATION, ENERGYSHIELD CGF PRO, ENERGYSHIELD PLY PRO, ENERGYSHIELD® CGF, ENERGYSHIELD® PANELCAST, ENERGYSHIELD® AND ENERGYSHIELD® XR

DUPONT DE NEMOURS, INC. - TYPES THERMAX SHEATHING, THERMAX LIGHT DUTY INSULATION, THERMAX HEAVY DUTY INSULATION, THERMAX METAL BUILDING BOARD, THERMAX WHITE FINISH INSULATION, THERMAX CI EXTERIOR INSULATION, THERMAX XARMOR CI EXTERIOR INSULATION, THERMAX IH INSULATION, THERMAX PLUS LINER PANEL, THERMAX HEAVY DUTY PLUS (HDP), TUFF-R* CI INSULATION, THERMAX BUTLER STYLWALL INSULATION BOARD AND THERMAX MORTON HEAVY DUTY INSULATION BOARD
HOLCIM SOLUTIONS AND PRODUCTS US, LLC - "ENVERGE" CI FOIL EXTERIOR WALL INSULATION" AND "ENVERGE" CI GLASS EXTERIOR WALL INSULATION"
HUNTER PANELS, A DIVISION OF CARLISLE CONSTRUCTION MATERIALS, LLC - TYPES "XCI-CLASS A", "XCI FOIL (CLASS A)", "XCI 286"
RMAX, A BUSINESS UNIT OF SIKA CORPORATION - TYPES "TSX-8500", "ECOMAXCI FR", "TSX-8510", "ECOMAX XI FR WHITE", "ECOMAXCI", "ECOMAXCI FR AIR BARRIER", "THERMASHEATH-XP", "THERMASHEATH", "DURASHEATH"
JOHNS MANVILLE - TYPE "AP FOIL-FACED FOAM SHEATHING"

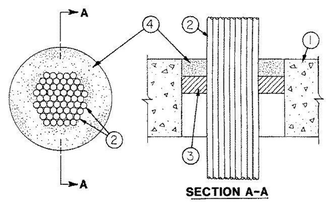
5A. BUILDING UNITS* - AS AN ALTERNATE TO ITEMS 5, MIN. 1-IN THICK POLYISOCYANURATE COMPOSITE FOAMED PLASTIC INSULATION BOARDS, NOM. 48 BY 48 OR 96 IN.
ATLAS ROOFING CORP - ENERGYSHIELD® PLY

HUNTER PANELS, A DIVISION OF CARLISLE CONSTRUCTION MATERIALS, LLC - "XCI NB", "XCI PLY"
RMAX, A BUSINESS UNIT OF SIKA CORPORATION - "THERMASHEATH-SI", "ECOBASECI", "THERMABASE-CI", "ECOMAXCI FR PLY", "ECOMAXCI PLY".

* INDICATES SUCH PRODUCTS SHALL BEAR THE UL OR CUL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL OR CUL CERTIFICATION (SUCH AS CANADA), RESPECTIVELY.

SYSTEM NO. C-AJ-3021

NOVEMBER 26, 2022



1. FLOOR OR WALL ASSEMBLY - MIN 4-1/2 IN. (114 MM) THICK LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF OR 1600-2400 KG/M3) CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS*. MAX DIAM OF OPENING IS 6-1/4 IN. (159 MM).
SEE CONCRETE BLOCKS* (CAZT) CATEGORY IN THE FIRE RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURERS.

1A. STEEL SLEEVE - (OPTIONAL, NOT SHOWN) - NOM 4 IN. (102 MM) DIAM (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE SLEEVE CAST INTO FLOOR OR WALL ASSEMBLY. SLEEVE TO BE FLUSH WITH FLOOR OR WALL SURFACES.

2. CABLES - MIN 12 PERCENT TO MAX 40 PERCENT FILL AREA PER MAX 4 IN. (102 MM) DIAM STEEL SLEEVED THROUGH OPENING. MIN 20 PERCENT TO MAX 40 PERCENT FILL AREA PER MAX 6-1/4 IN. (159 MM) DIAM NON-SLEEVED THROUGH OPENING. CABLES TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF CABLES MAY BE USED:

A. MAX 7/C NO. 12 AWG MULTIPLE COPPER CONDUCTOR POWER AND CONTROL CABLES WITH POLYVINYL CHLORIDE (PVC) INSULATION AND JACKET MATERIALS.

B. MULTIPLE FIBER OPTICAL COMMUNICATION CABLES JACKETED WITH PVC AND HAVING A MAX OUTSIDE DIAM OF 3/4 IN.

C. MAX 200 PAIR NO. 24 AWG COPPER CONDUCTOR TELEPHONE CABLES WITH PVC INSULATION AND JACKET MATERIALS.

D. MAX 350 KCMIL POWER CABLES WITH PVC INSULATION AND JACKET MATERIAL.

3. PACKING MATERIAL - NOM 1 IN. (25 MM) THICKNESS OF CERAMIC (ALUMINUM SILICA) FIBER BLANKET OR MINERAL WOOL BATT INSULATION FIRMLY PACKED INTO OPENING AS A PERMANENT FORM. PACKING MATERIAL TO BE RECESSED MIN 1 IN. (25 MM) FROM TOP SURFACE OF FLOOR OR SLEEVE OR FROM BOTH SURFACES OF WALL.

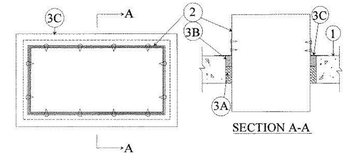
3A. FORMING MATERIAL* - AS AN ALTERNATE TO THE PACKING MATERIAL IN ITEM 3, NOM 4 IN. (102 MM) WIDE STRIPS OF MIN 1/2 IN (13 MM) THICK COMPRESSIBLE MAT TO BE STACKED TO A THICKNESS GREATER THAN THE WIDTH OF THE ANNULAR SPACE AND COMPRESSION-FITTED, EDGE-FIRST, TO FILL THE ANNULAR SPACE TO A MIN 4 IN. (102 MM) DEPTH. AS AN OPTION, THE STRIPS OF MIN 1/2 IN. (13MM) THICK COMPRESSIBLE MAT MAY BE FOLDED IN HALF, LENGTHWISE, AND STACKED TO A THICKNESS GREATER THAN THE WIDTH OF THE ANNULAR SPACE AND COMPRESSION-FITTED, EDGE-FIRST, TO FILL THE ANNULAR SPACE TO A MIN 2 IN. (51 MM) DEPTH. TOP OF FORMING MATERIAL TO BE RECESSED FROM TOP SURFACE OF FLOOR OR FROM BOTH SURFACES OF WALL AS NECESSARY TO ACCOMMODATE THE REQUIRED THICKNESS OF CAULK FILL MATERIAL.
3M COMPANY 3M FIRE PROTECTION PRODUCTS - FIRE BARRIER PACKING MATERIAL

4. FILL, VOID, OR CAVITY MATERIALS* - PUTTY - MOLDABLE PUTTY MATERIAL KNEADED BY HAND AND APPLIED TO FILL ANNULAR SPACE (AND INTERSTICES BETWEEN CABLES TO MAX EXTENT POSSIBLE) TO A MIN DEPTH OF 1 IN. (25 MM), FLUSH WITH TOP SURFACE OF FLOOR OR SLEEVE IN WALL ASSEMBLIES, REQUIRED PUTTY DEPTH TO BE INSTALLED SYMMETRICALLY ON BOTH SIDES OF WALL.
3M COMPANY 3M FIRE PROTECTION PRODUCTS - TYPE MPS-2+

* INDICATES SUCH PRODUCTS SHALL BEAR THE UL OR CUL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL OR CUL CERTIFICATION (SUCH AS CANADA), RESPECTIVELY.

SYSTEM NO. C-AJ-7010

APRIL 13, 1995
F RATING - 2 HR
T RATING - 0 HR



1. FLOOR OR WALL ASSEMBLY - MIN 4-1/2 IN. THICK REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF) CONCRETE FLOOR OR MIN 6 IN. THICK REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE WALL. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS*. MAX AREA OF OPENING IS 325 SQ IN. WITH MAX DIMENSIONS OF 25 IN.
SEE CONCRETE BLOCKS (CAZT) CATEGORY IN THE FIRE RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURERS.

2. STEEL DUCT - NOM 24 BY 12 IN. (OR SMALLER) NO. 28 GAUGE (OR HEAVIER) STEEL DUCT. ONE DUCT TO BE INSTALLED WITHIN THE FIRESTOP SYSTEM WITH A NOM 1/2 IN. ANNULAR SPACE. STEEL DUCT TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY.

3. FIRESTOP SYSTEM - THE FIRESTOP SYSTEM SHALL CONSIST OF THE FOLLOWING:

A. PACKING MATERIAL - MIN 3 IN. THICKNESS OF MIN 4 PCF MINERAL WOOL BATT INSULATION FIRMLY PACKED INTO OPENING AS A PERMANENT FORM. PACKING MATERIAL TO BE RECESSED FROM TOP SURFACE OF FLOOR AND FROM BOTH SURFACES OF WALL AS REQUIRED TO ACCOMMODATE THE REQUIRED THICKNESS OF FILL MATERIAL.

B. FILL, VOID OR CAVITY MATERIAL* - PUTTY - MIN 1-1/2 IN. THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULUS, FLUSH WITH TOP SURFACE OF FLOOR AND BOTH SURFACES OF WALL.

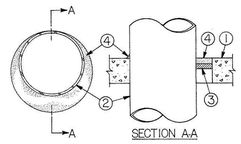
EGS NELSON FIRESTOP - FSP PUTTY.

C. STEEL ANGLE - MIN 1-1/2 IN. WIDE BY 1-1/2 IN. HIGH BY 0.030 IN. (NO. 22 MSG) THICK GALV STEEL ANGLES CUT TO FIT THE CONTOUR OF THE DUCT WITH A 1 IN. LAP ON THE TOP SURFACE OF FLOOR OR BOTH SURFACES OF WALL. LEGS OF ANGLES SECURED TO DUCT WITH MIN NO. 12 SHEET METAL SCREWS, SPACED A MAX 4 IN. OC.

* INDICATES SUCH PRODUCTS SHALL BEAR THE UL OR CUL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL OR CUL CERTIFICATION (SUCH AS CANADA), RESPECTIVELY.

SYSTEM NO. C-AJ-1001

MARCH 05, 2007
F RATING - 3 HR
T RATING - 0 HR
W RATING - CLASS 1 (SEE ITEM 4)



1. FLOOR OR WALL ASSEMBLY - MIN 4-1/2 IN. (114 MM) THICK LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF OR 1600-2400 KG/M3) CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS*. MAX DIAM OF CIRCULAR THROUGH OPENING IS 32-1/2 IN. (826 MM).

SEE CONCRETE BLOCKS (CAZT) CATEGORY IN THE FIRE RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURERS.

1A. STEEL SLEEVE - (OPTIONAL, NOT SHOWN) - NOM 12 IN. (305 MM) DIAM (OR SMALLER) SCHEDULE 40 (OR HEAVIER) STEEL PIPE SLEEVE CAST INTO CONCRETE FLOOR OR WALL. SLEEVE TO BE FLUSH WITH OR PROJECT MAX 2 IN. (51 MM) FROM TOP SURFACE OF FLOOR OR FROM BOTH SURFACES OF WALL. AS AN ALTERNATE, NOM 12 IN. (305 MM) DIAM (OR SMALLER) SLEEVE FABRICATED FROM NOM 0.019 IN. (0.48 MM) THICK GALV STEEL CAST OR GROUTED INTO FLOOR OR WALL ASSEMBLY FLUSH WITH FLOOR OR WALL SURFACES.

2. THROUGH - PENETRANT - ONE METALLIC PIPE, CONDUIT OR TUBING INSTALLED EITHER CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM. THE ANNULAR SPACE BETWEEN PIPE, CONDUIT OR TUBING AND PERIPHERY OF OPENING SHALL BE MIN OF 0 IN. (0 MM, POINT CONTACT) TO MAX 1-3/8 IN. (35 MM). PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES, CONDUITS OR TUBING MAY BE USED:

A. STEEL PIPE - NOM 30 IN. (762 MM) DIAM (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE.

A1. IRON PIPE - NOM 30 IN. (762 MM) DIAM (OR SMALLER) CAST OR DUCTILE IRON PIPE.

B. CONDUIT - NOM 6 IN. (152 MM) DIAM (OR SMALLER) RIGID STEEL CONDUIT.

C. CONDUIT - NOM 4 IN. (152 MM) DIAM (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING.

3. PACKING MATERIAL - POLYETHYLENE BACKER ROD OR NOM 1 IN. (25 MM) THICKNESS OF TIGHTLY-PACKED CERAMIC (ALUMINA SILICA) FIBER BLANKET, MINERAL WOOL BATT OR GLASS FIBER INSULATION MATERIAL USED AS A PERMANENT FORM. PACKING MATERIAL TO BE RECESSED FROM TOP SURFACE OF FLOOR OR FROM BOTH SURFACES OF SOLID CONCRETE OR CONCRETE BLOCK WALL AS REQUIRED TO ACCOMMODATE THE REQUIRED THICKNESS OF CAULK FILL MATERIAL (ITEM 4), AS AN ALTERNATE WHEN MAX PIPE SIZE IS 10 IN. (254 MM) DIAM AND WHEN MAX ANNULAR SPACE IS 1 IN. (25 MM), A MIN 1 IN. (25 MM) THICKNESS OF TIGHTLY-PACKED CERAMIC FIBER BLANKET OR MINERAL WOOL BATT PACKING MATERIAL MAY BE RECESSED MIN 1/2 IN. (13 MM) FROM BOTTOM SURFACE OF FLOOR OR FROM EITHER SIDE OF SOLID CONCRETE WALL.

4. FILL, VOID OR CAVITY MATERIALS* - CAULK - APPLIED TO FILL THE ANNULAR SPACE TO THE MIN THICKNESS SHOWN IN THE FOLLOWING TABLE:

MAX PIPE DIAM IN.	MAX ANNULAR SPACE IN.	PACKING MTL TYPE (A)	MIN CAULK THKNS IN.
10 (254)	1 (25)	BR, CF, GF or MW	1/2 (13) (B)
10 (254)	1 (25)	CF or MW	1/2 (13) (C)
30 (762)	2 - 1/2 (64)	BR, CF, GF or MW	1(25) (B)

(A) BR=POLYETHYLENE BACKER ROD.
CF=CERAMIC FIBER BLANKET.
GF=GLASS FIBER INSULATION.
MW=MINERAL-WOOL BATT.
(B) CAULK INSTALLED FLUSH WITH TOP SURFACE OF FLOOR OR BOTH SURFACES OF WALL
(C) CAULK INSTALLED FLUSH WITH BOTTOM SURFACE OF FLOOR OR ONE SURFACE OF SOLID (NON-CONCRETE BLOCK) WALL
3M COMPANY - TYPE CP 25WB+ OR FB-3000 WT

(NOTE - W RATING APPLIES ONLY WHEN FB-3000 WT IS USED ON TOP SURFACE OF FLOOR AND WHEN IT LAPS ONTO CONCRETE FOR SLEEVED OPENING.)

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PROJECT No.: LB780
DRAWN BY: FM, YP, AP
CHECKED BY: LB
DATE: 11 - 11 - 2024

LEOPOLDO BELLON, AIA (AR-8737)

EXPANSION JOIN DETAILS

A 9.03

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