GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE AS PER CODES STATED ON COVER SHEET.

07-21-24

DBC

23-208

DIMENSIONS NOTED ON ROOF PLANS ARE MEASURED HORIZONTALLY, NOT ALONG SLOPE OF ROOF. COORDINATE DIMENSIONS WITH FLOOR PLAN.

- COORDINATE EXHAUST FAN AND VTR QUANTITY AND LOCATIONS WITH MECH / PLUMBING DRAWINGS.
- ROOF PENETRATIONS SHALL BE TIED TOGETHER AS ALLOWABLE BY CODE TO REDUCE NUMBER OF PENETRATIONS. VTR AND EXHAUST PENETRATIONS SHALL BE A MINIMUM OF 4'-0" FROM EDGE OF ROOF (TYP.)
- PROVIDE AND MAINTAIN A WARRANTY AGAINST DEFECTS IN MATERIAL AND WORKMANSHIP INCLUDING WEATHER-TIGHTNESS. THE WEATHER-TIGHTNESS WARRANTY SHALL INCLUDE ROOF, RIDGE FLASHING, ETC. MEETING THE WIND DESIGN SPEED FOR THE PROJECT LOCATION.
- PROVIDE ALL COMPONENTS FOR A COMPLETE ROOF SYSTEM AND FLASHING SYSTEM, EVEN IF NOT SPECIFICALLY NOTED TO PROVIDE COMPLETE WATER-TIGHTNESS CONDITION.
- A SEPARATE ROOFING PERMIT SHALL BE REQUIRED PRIOR TO ANY ROOF COVERING MATERIAL BEING INSTALLED.
- BASIC WIND SPEED PER FBC: 140 MPH (3-SECOND GUST) PER ASCE-7.
- COORDINATE WITH STRUCTURAL / WIND LOAD ANALYSIS.
- IF APPLICABLE, SIZE AND INSTALL GUTTERS AND DOWNSPOUTS PER SMACNA GUIDELINES. LOCATE DOWNSPOUTS AS INDICATED IN DRAWINGS AND NOTIFY ARCHITECT IF ANY CONFLICTS OCCUR.
- 10. VERIFY ALL DIMENSIONED WITH FINAL PEMB SHOP DRAWINGS.
- 1. ALL CONSTRUCTION SHALL BE PER CODES STATED ON THE COVER SHEET.
- 2. SEE BUILDING SECTIONS, WALL SECTIONS AND ELEVATIONS FOR ALL BUILDING HEIGHTS.
- 13. VENTILATION OF CONCEALED ROOF SPACES SHALL BE MAINTAINED.
- 14. COORDINATE ALL SECONDARY ROOF DRAIN LOCATIONS WITH ELEVATIONS.
- 15. COORDINATE ALL PLUMBING FOR STORM PIPING ROUTING REQUIREMENTS.

GENERAL NOTES

- M.B.M. METAL BUILDING MANUFACTURER. ALL STRUCTURAL STEEL, INCLUDING, BUT NOT LIMITED TO BEAMS, COLUMNS, JOISTS, PURLINS, GIRTS, DECKING, CLIP ANGLES, ROOFING, ROOF FLASHING, BACK PANELS AND ALL ASSOCIATED CONNECTIONS SHALL BE DESIGNED, ENGINEERED AND SUPPLIED BY THE M.B.M. SUPPLIED BY A FLORIDA REGISTERED ENGINEER. SHOP DRAWINGS SHALL BE FORWARDED TO CONN ARCHITECTS.
- THE M.B.M. SHALL CHECK AND VERIFY ALL METAL BUILDING COMPONENTS AND NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES OR NECESSARY ADDITIONAL STRUCTURAL COMPONENTS.
- . THE CONTRACTOR SHALL CHECK AND VERIFY ALL CONDITIONS AND DIMENSIONS AND NOTIFY THE ARCHITECT / ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

PRE-ENGINEERED AWNING NOTE

DUE TO CONSTRUCTION VARIANCES, IT IS RECOMMENDED THAT THE CONTRACTOR COORDINATE THE INSTALLATION OF EXTERIOR FINISHES AT ALL PRE-ENGINEERED AWNING LOCATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXACT DIMENSIONS OF ALL PRE-ENGINEERED AWNINGS, PRIOR TO THEIR FABRICATION AND INSTALLATION. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.

 \sim

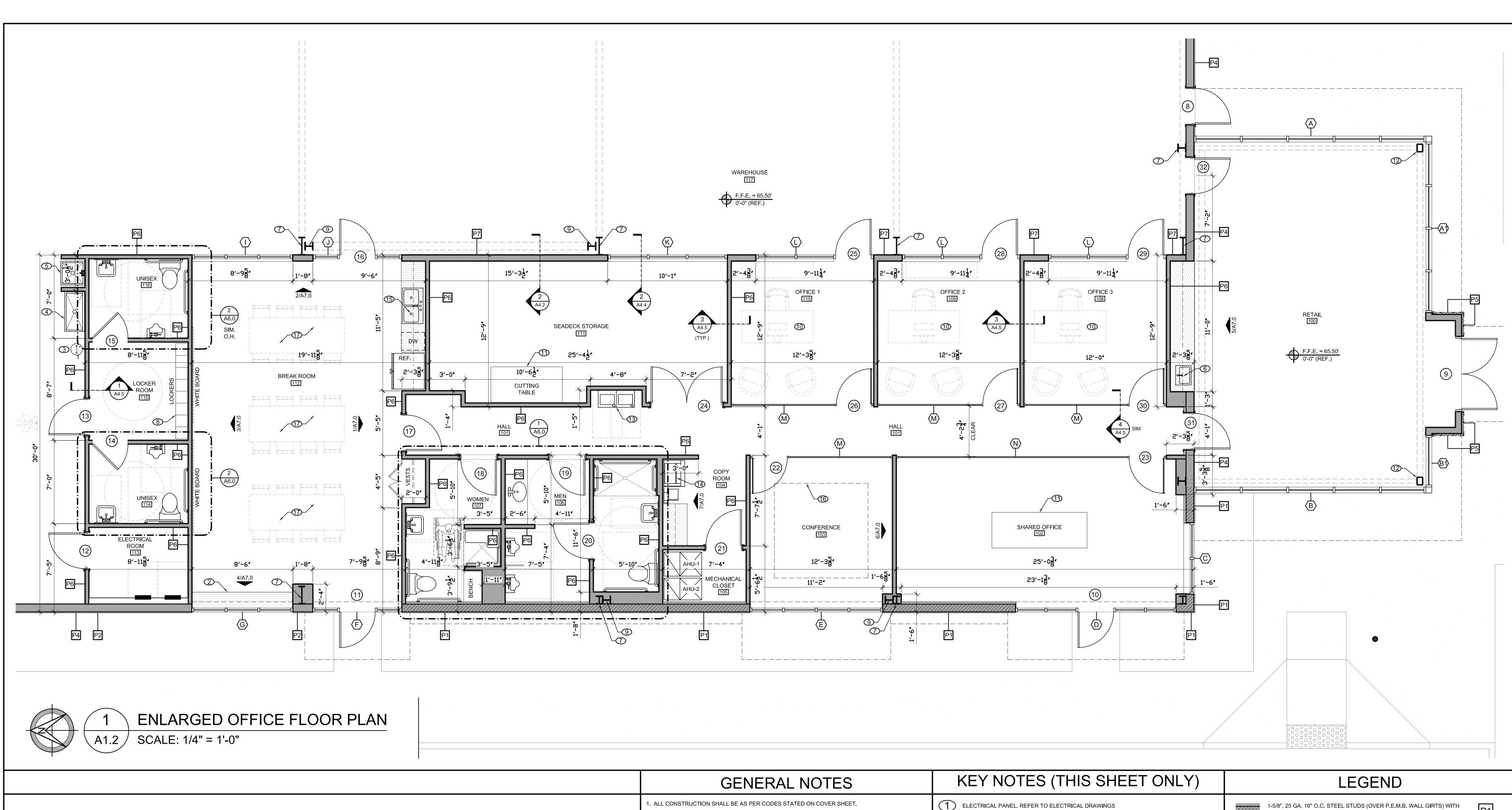
 \Im

ABRICATIONS NEW F AVENUE, TALLAHAS

3

07-21-24 DBC

23-208



07-21-24

DBC

23-208

323

323

2. ALL DIMENSIONS ARE TO FACE OF STUDS UNLESS OTHERWISE INDICATED.

. THE ELEVATION OF FLOOR SURFACES ON BOTH SIDES OF ALL DOORS SHALL NOT VARY MORE THAN 1/2". THE ELEVATION SHALL BE MAINTAINED ON BOTH SIDES OF A DOORWAY FOR A DISTANCE AT LEAST EQUAL TO THE WIDEST LEAF.

4. SEE EQUIPMENT PLAN FOR EQUIPMENT LABELING AND LOCATIONS.

5. CONTRACTOR SHALL VERIFY ALL EQUIPMENT, SIZE AND LOCATIONS OF EQUIPMENT WITH OWNER, PRIOR TO COMMENCEMENT OF WORK, AND SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES. 6. ALL EQUIPMENT SHALL BE INSTALLED AS PER THE MFG'S WRITTEN INSTRUCTIONS. CONTRACTOR SHALL INSTALL BLOCKING IN WALL AS REQUIRED TO SUPPORT EQUIPMENT BEING MOUNTED ON

. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY AND COMPLY WITH MANEUVERING CLEARANCES, EQUIPMENT SPECIFICATIONS AND OWNER COORDINATION FOR ALL EQUIPMENT, PRIOR TO START OF CONSTRUCTION.

3. CONTRACTOR SHALL VERIFY ALL MILLWORK, SIZE AND LOCATIONS OF MILLWORK WITH OWNER, PRIOR TO COMMENCEMENT OF WORK, AND SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES. ALL MILLWORK WORK SURFACES SHALL COMPLY WITH 2023 (8TH ED) FBC-ACCESSIBILITY.

P.E.M.B. NOTES

. M.B.M. - METAL BUILDING MANUFACTURER. ALL STRUCTURAL STEEL, INCLUDING BUT NOT LIMITED TO BEAMS, COLUMNS, BAR JOISTS, PURLINS, GIRTS, DECKING, CLIP ANGLES, ROOFING, ROOF FLASHING, SHALL BE DESIGNED, ENGINEERED AND SUPPLIED BY THE M.B.M. AND SHALL BE CERTIFIED BY A FLORIDA REGISTERED ENGINEER. SHOP DRAWINGS SHALL BE FORWARDED TO

M.B.M. - METAL BUILDING MANUFACTURER. ALL COMPONENTS SUPPLIED BY THE M.B.M. SHALL BE DESIGNED, ENGINEERED, AND CERTIFIED BY A FLORIDA REGISTERED ENGINEER.

THE M.B.M. SHALL CHECK AND VERIFY ALL METAL BUILDING COMPONENTS AND NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES OR NECESSARY ADDITIONAL STRUCTURAL

4. ALL STEEL FRAMES AND PURLINS TO BE PRIMED "RED".

- 2 16" DEEP SOLID SURFACE COUNTER TOP AT 34" A.F.F.
- 3 WALL-MOUNTED EMERGENCY EYE WASH STATION. REFER TO PLUMBING DRAWINGS.
- (4) S.S. 2-STATION WALL-HUNG SINK. REFER TO PLUMBING DRAWINGS.
- 5 SERVICE / MOP SINK. REFER TO PLUMBING DRAWINGS.
- 6 HAND SINK. REFER TO PLUMBING DRAWINGS.
- 7 PRE-ENGINEERED METAL BUILDING STEEL COLUMNS. REFER TO STRUCTURAL
- 8 12" DEEP X 72" HIGH DOUBLE-TIER STEEL LOCKERS. COLOR: JET BLACK
- 9 STEEL PORTAL FRAME. REFER TO STRUCTURAL DRAWINGS.
- OFFICE FURNITURE PER OWNER.
- (11) CUSTOM BUILT STEEL WORK TABLE (BY OWNER).
- 12 STRUCTURAL STEEL COLUMN. SEE STRUCTURAL DRAWINGS.
- 13 ADA COMPLIANT HI-LO ELECTRIC WATER COOLERS.
- (14) COPY MACHINE (BY OWNER).
- 2-COMPARTMENT KITCHEN SINK. REFER TO PLUMBING DRAWINGS.
- OUTLINE OF TRAY CEILING ABOVE. COORDINATE WITH REFLECTED CEILING PLAN.
- BREAK ROOM FURNITURE (PER OWNER).

ONE LAYER 5/8" G.W.B. ON INSIDE OVER 32" HIGH, 4X8X16 GROUND-FACE C.M.U. WATERTABLE WITH 3 5/9" 25 CA 40" O C CTTT C.M.U. WATERTABLE WITH 3-5/8", 25 GA, 16" O.C. STEEL STUDS WITH ONE LAYER 1/2" P.T. PLYWOOD WITH CONTINUOUS PEEL AND STICK WEATHER-RESISTIVE BARRIER. METAL WALL PANELS PER P.E.M.B. M.F.G. ON EXTERIOR. SEE WALL SECTION 1/A4.1.

1-5/8", 25 GA, 16" O.C. STEEL STUDS (OVER P.E.M.B. WALL GIRTS) WITH ONE LAYER 5/8" G.W.B. ON INSIDE. METAL WALL PANELS PER P.E.M.B. M.F.G. ON EXTERIOR. SEE WALL SECTION 1/A4.1.

6", 20 GA, 16" O.C. STEEL STUDS (OVER P.E.M.B. WALL GIRTS) WITH ONE LAYER 5/8" G.W.B. ON INSIDE FACE OF WALL. METAL WALL PANELS PER P.E.M.B. M.F.G. ON EXTERIOR. SEE WALL SECTIONS. EXPOSED P.E.M.B. WALL GIRTS WITH METAL WALL PANELS PER

6" METAL STUDS AT 16" O.C. WITH 1 LAYER OF 5/8" G.W.B. ON INSIDE FACE OF STUDS AND CORRUGATED "CENTRIA" METAL WALL PANELS OVER STRUCTURAL SHEATHING ON EXTERIOR. COORDINATE WITH

WALL SECTIONS AND ELEVATIONS. 3-5/8", 25 GA, 16" O.C. STEEL STUDS WITH ONE LAYER OF 5/8" G.W.B. ON EACH SIDE OF STUDS (TYPICAL). COORDINATE WITH WALL SECTIONS AND FINISH SCHEDULE.

6", 20 GA, 16" O.C. STEEL STUDS WITH ONE LAYER OF 5/8" G.W.B. ON EACH SIDE OF STUDS. COORDINATE WITH WALL SECTIONS AND FINISH SCHEDULE. 6", 20 GA, 16" O.C. STEEL STUDS WITH ONE LAYER OF 5/8" TYPE 'X' G.W.B. ON EACH SIDE OF STUDS: UL U465. COORDINATE WITH

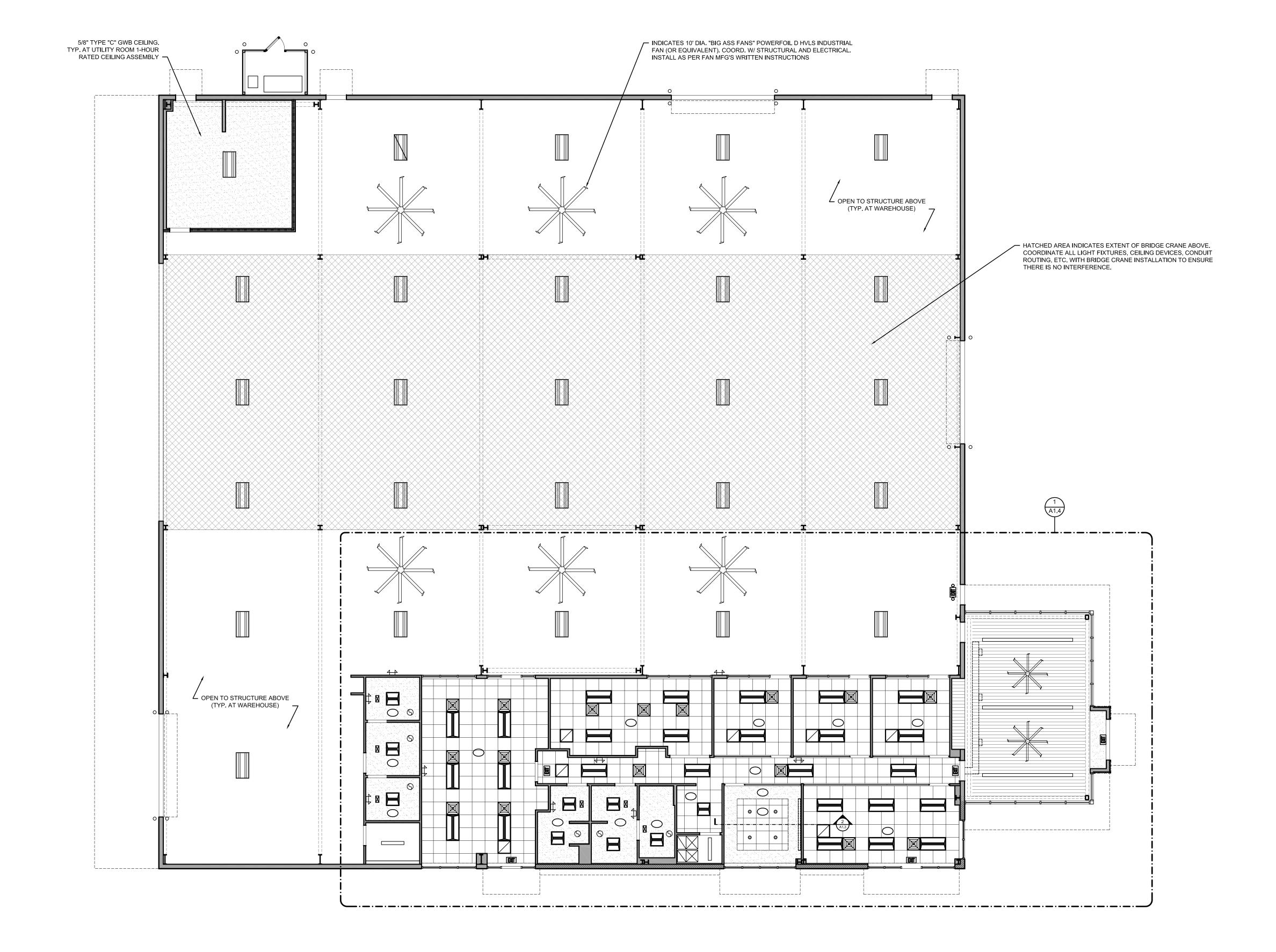
WALL SECTIONS, FINISH SCHEDULE AND RATED ASSEMBIES SHEETS A8.0 AND A8.1.

MILLWORK PER CONTRACTOR, INSTALLED BY CONTRACTOR. INSTALL ALL MILLWORK AS PER MILLWORK MFG'S SHOP DRAWINGS. COORD. AND VERIFY ALL DIMENSIONS PRIOR TO INSTALLING.

STEEL STRUCTURAL COLUMNS. COORDINATE WITH STRUCTURAL.

32310

A1.3



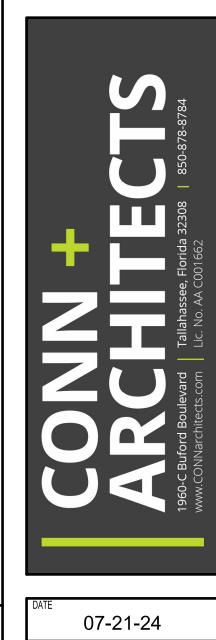
1 OVERALL REF A1.3 SCALE: 1/4" = 1'-0"

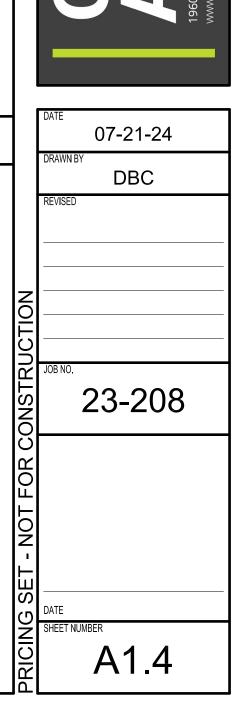
OVERALL REFLECTED CEILING PLAN

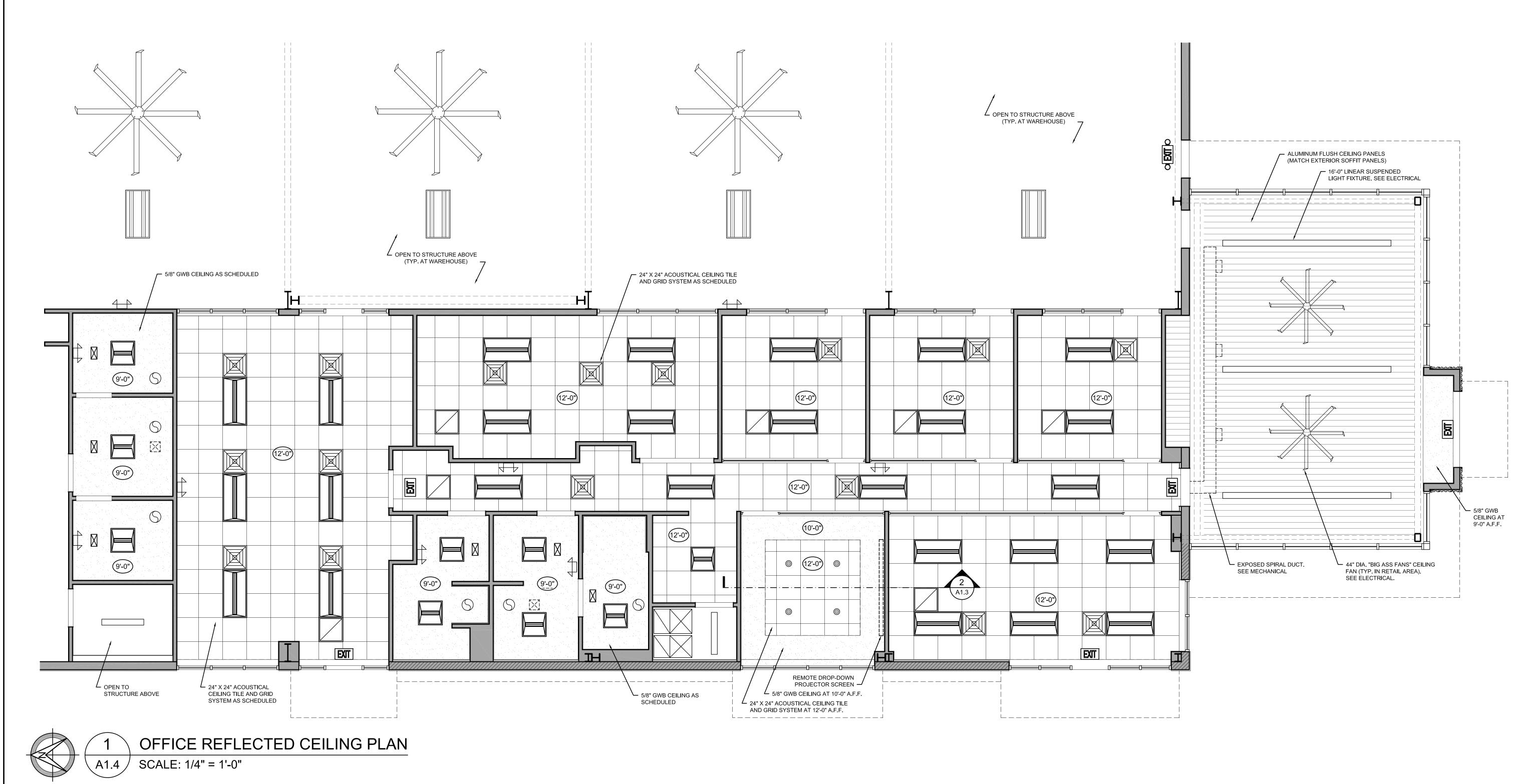


AND









DETAIL RUN METAL STUDS UP TO ROOF STRUCTURE AND / OR PROVIDE BRACING AS NECESSARY (TYP.-B.O. A.C.T. 2X2 ACOUSTICAL CEILING TILE AND GRID SYSTEM. SEE FINISH SCHEDULE -----<u>B.O. G.W.B.</u> +9'-0" 2'-0" FIELD VERIFY B.O. G.W.B. 5/8" GWB-35/8" METAL STUD FRAMING CONFERENCE ROOM - SEE STRUCTURAL NICHE / RECESS IN WALL FOR T.V.— **CEILING DETAIL** SCALE: 1/4" = 1'-0" CONFERENCE ROOM

NOTES 1. ALL CONSTRUCTION SHALL BE AS PER CODES STATED ON COVER SHEET. 2. ALL DIMENSIONS ARE TO FACE OF STUDS OR FACE OF CMU UNLESS OTHERWISE INDICATED.

3. ALL EQUIPMENT SHALL BE INSTALLED AS PER THE MFG'S WRITTEN INSTRUCTIONS. CONTRACTOR SHALL INSTALL BLOCKING IN WALL AS

REQUIRED TO SUPPORT EQUIPMENT BEING MOUNTED ON WALLS. 4. REFER TO MECHANICAL DRAWINGS FOR ALL MECHANICAL INFORMATION. 5. REFER TO PLUMBING DRAWINGS FOR ALL PLUMBING INFORMATION.

6. REFER TO ELECTRICAL DRAWINGS FOR ALL ELECTRICAL INFORMATION. 7. REFER TO SHEET A1.3 FOR OVERALL REFLECTED CIEILING PLAN.

LED CAN LIGHT FIXTURE. REFER TO ELECTRICAL.

LED CAN LIGHT FIXTURE. REFER TO ELECTRICAL. ILLUMINATED EXIT SIGNAGE / EMERGENCY EXIT LIGHT COMBO W/ BATTERY BACKUP. REFER TO ELECTRICAL.

WALL-MOUNTED EMERGENCY EXIT LIGHT W/ BATTERY BACK-UP. REFER TO ELECTRICAL. SUPPLY-AIR DIFFUSER. RETURN AIR REGISTER. REFER TO MECHANICAL. REFER TO MECHANICAL.

CEILING SYMBOLS LEGEND

2X2 LED LIGHT FIXTURE COORDINATE WITH ELECTRICAL.

LED HIGH BAY LIGHT FIXTURE.

COORDINATE WITH ELECTRICAL.

16 FT LED SUSPENDED LINEAR FIXTURE. REFER TO ELECTRICAL.

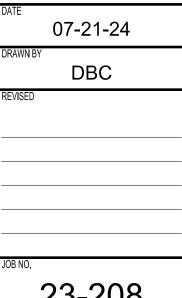
DECORATIVE PENDANT LIGHT FIXTURE. REFER TO ELECTRICAL.

EXHAUST FAN. REFER TO MECHANICAL.

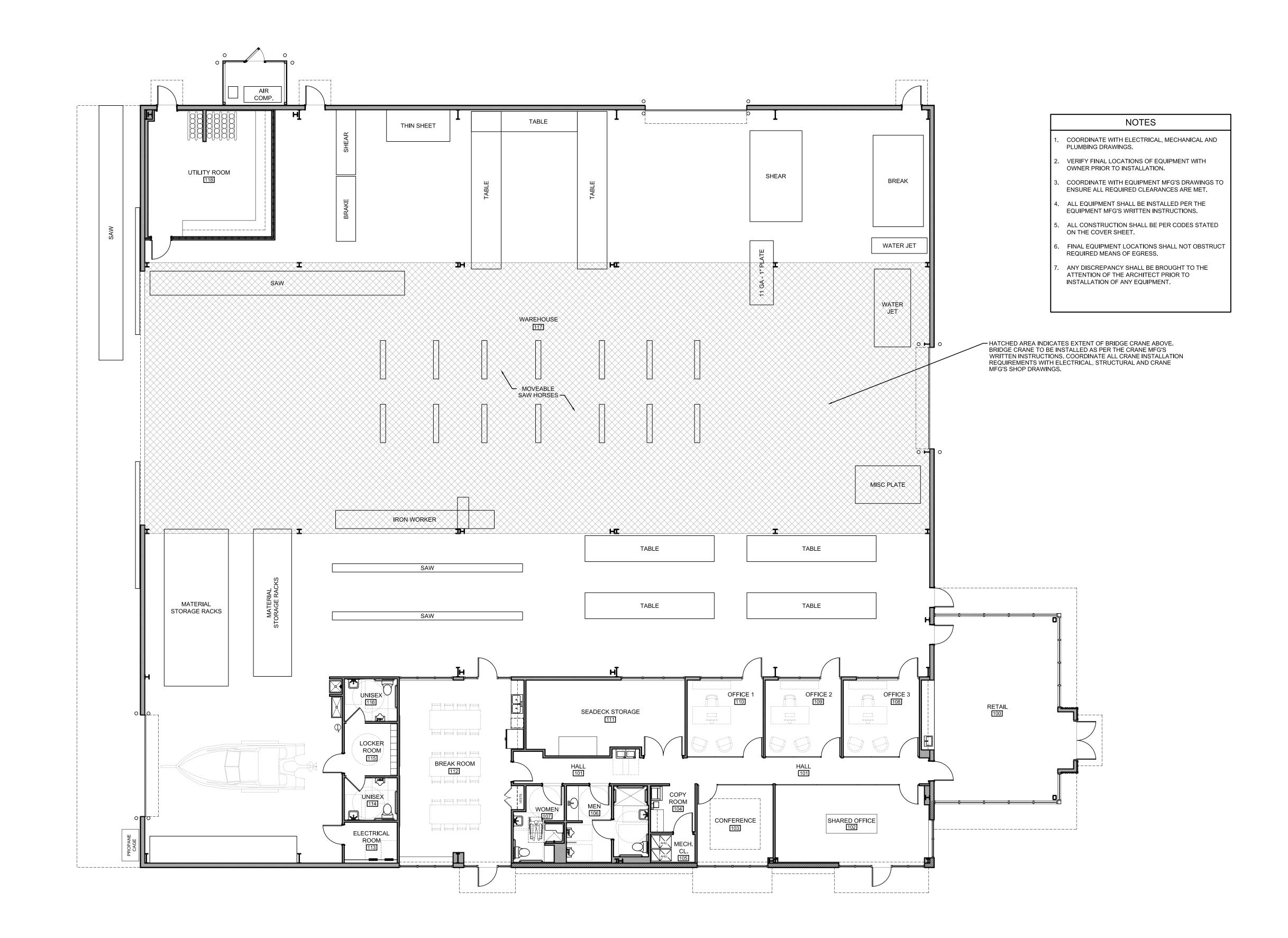
METAL FABRICATIONS NEW FACILITY AVIATION AVENUE, TALLAHASSEE, FL

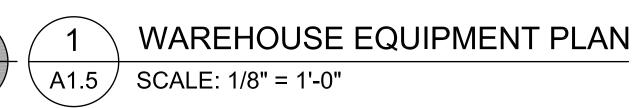
323

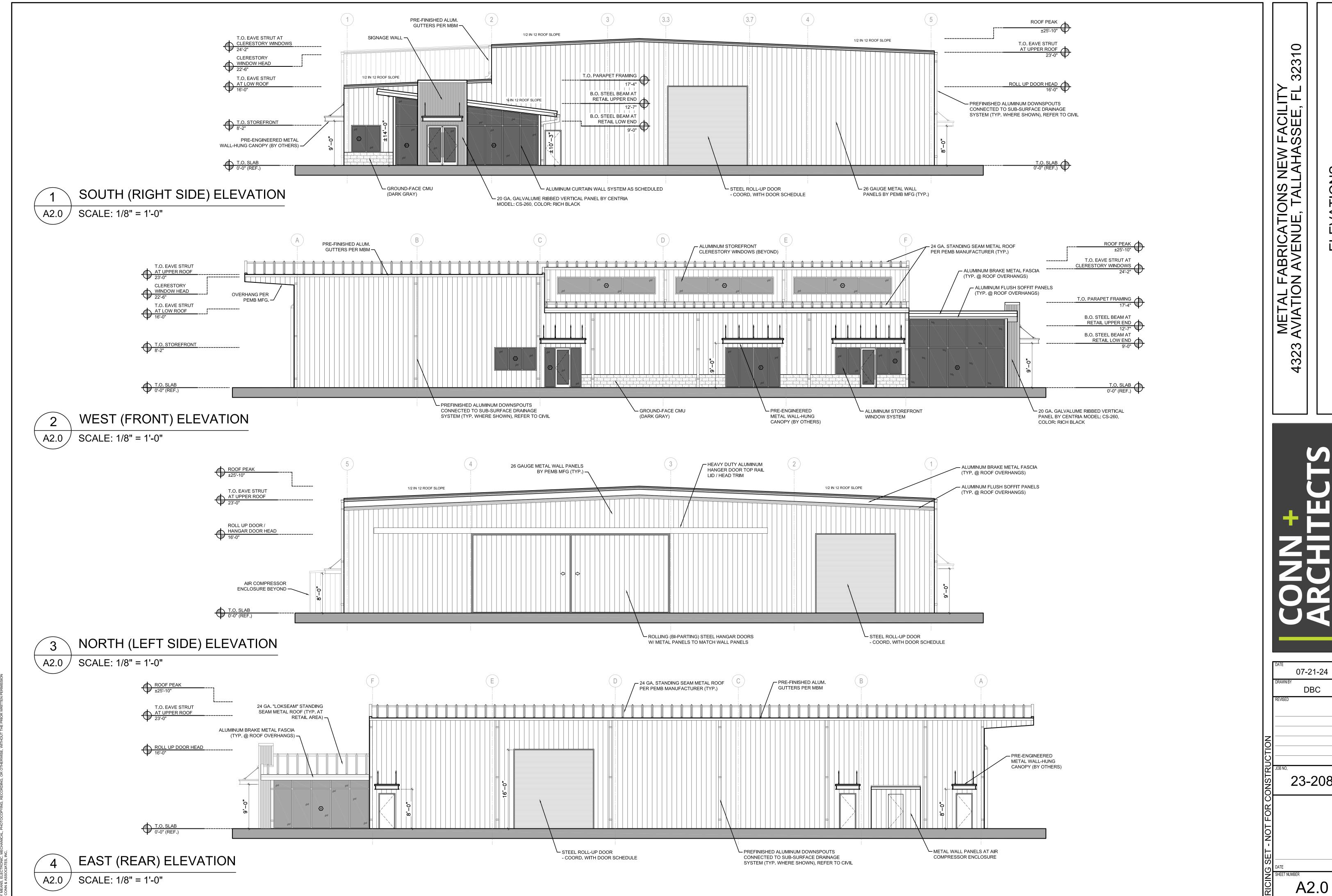
323



23-208







ELEVATIONS

DBC 23-208

METAL FABRICATIONS NEW FACILITY 4323 AVIATION AVENUE, TALLAHASSEE, FL 3

3

Q

CONNarchitects.com Lic. No. AA C001662

DATE

O7-21-24

DRAWN BY

DBC

REVISED

JOB NO.

23-208

DATE

SHEET NUMBER

A3.0

METAL FABRICATIONS NEW FACIL AVIATION AVENUE, TALLAHASSEE, 32

07-21-24 DBC 23-208 A4.0

24 GA. SS II, STANDING SEAM METAL ROOF OVER STEEL PURLINS AT 5'-0" O.C. MAX. (W/ THERMAL SPACERS). FASTEN ROOF PANELS PER MFG'S SPECIFICATIONS (TYP.) — 1/2 T.O. EAVE STRUT 23'-0" CONT. PRE-FINISHED GALVALUME GUTTER, TRIM, CLOSURE AND FASTENING AS PER METAL BUILDING MFG. -➤ STEEL ROOF PURLINS BY P.E.M.B. MFG CONT. EAVE STRUT BY P.E.B. MFG -EAVE STRUT SUPPORT BY P.E.B. MFG — R-19 SAG-N-BAG INSULATION SYSTEM BETWEEN 8" STEEL ROOF PURLINS BY P.E.M.B. MFR (TYP.) VERTICAL METAL WALL PANELS SECURED TO STEEL GIRTS. INSTALL PER MFG'S WRITTEN INSTRUCTIONS -CONT. STEEL BEAM SUPPORTS FOR 24 GA. SS II, STANDING SEAM METAL ROOF OVERHEAD ROLL-UP STEEL DOOR SYSTEM. OVER STEEL PURLINS AT 5'-0" O.C. MAX. (W/ SEE STRUCTURAL. -THERMAL SPACERS). FASTEN ROOF PANELS PER MFG'S SPECIFICATIONS (TYP.) — CONT. CLOSURE TRIM AT BOTTOM OF METAL PANELS PER METAL PANEL MFG — CONT. PRE-FINISHED GALVALUME GUTTER, TRIM, CLOSURE AND FASTENING AS PER 1/2 METAL BUILDING MFG. — ROLL-UP DOOR HEAD T.O. EAVE STRUT AT LOW ROOF CONT. BRAKE METAL TRIM @ R-30 LONG TAB BANDED INSULATION ➤ ROLL-UP DOOR HOUSING UNDERSIDE OF ROLL-UP DOOR HEAD. SYSTEM BETWEEN 8" STEEL ROOF PROVIDE BLOCKING AS NECESSARY — PURLINS BY P.E.M.B. MFR (TYP.) 8" CONTINUOUS STEEL GIRT (BY P.E.B. MFG) ATTACHED TO COLUMNS AS PER P.E.B. MFG'S STEEL ROOF PURLINS BY P.E.M.B. MFG SPECIFICATIONS -OUTLINE OF P.E.B. STEEL FRAME (BEYOND). SEE STRUCTURAL - CONT. EAVE STRUT BY P.E.B. MFG BY-PASS GIRT - EAVE STRUT SUPPORT BY P.E.B. MFG **↓** ВҮ М.В.М. EXTERIOR BRAKE METAL JAMB / JAMB EXTRUSION (BEYOND) PER METAL WALL PANEL MFG. INSTALL - LIGHT GAUGE TOP OF WALL HORIZ. PER MFG'S WRITTEN INSTRUCTIONS (TYP.) VERTICAL METAL WALL PANELS SECURED TO STABILIZING / BRACING (BEYOND) STEEL GIRTS. INSTALL PER MFG'S WRITTEN INSTRUCTIONS STEEL FRAME (SOLID HATCH) BEYOND PER P.E.M.B. MFR (TYP.) PRE-FINISHED 5"X5" ALUMINUM DOWNSPOUT (BEYOND), TIED INTO DOWNSPOUT RECEIVER. CONT. METAL STUD TOP TRACK COORD. W/ ROOF PLAN, ELEVATIONS AND CIVIL — SCHEDULED HEAVY DUTY INSULATED STEEL ROLL-UP DOOR. INSTALL AS PER MFG'S WRITTEN R-19 VINYL FACED INSULATION (TYP.) BY-PASS GIRT INSTRUCTIONS. -₩ ВҮ М.В.М. 5/8" GWB. SEE FINISH SCHEDULE CEE GIRT / WIND STRUT @ TOP OF CMU BY P.E.M.B. MFG. SEE STRUCTURAL — - DASHED LINE INDICATES OUTLINE OF P.E.B. STEEL FRAME IN BACKGROUND (BEYOND). SEE PLANS FOR LOCATIONS $1\frac{5}{8}$ " GMS @ 16" O.C. SECURED TO STEEL WALL GIRTS - CONT. CEE GIRT @ TOP OF CMU KNEE WALL BY P.E.M.B. MFG. SEE STRUCTURAL CONT. FLASHING / CLOSURE TRIM CONT. GROUND FACE CMU BOND BEAM. AT BOTTOM OF METAL PANELS — SEE STRUCTURAL 1/2" PLYWOOD W/ PEEL AND STICK GALV. HORIZ. JOINT REINFORCEMENT. SEE STRUCTURAL WEATHER-RESISTIVE BARRIER — T.O. CMU WALL $-3\frac{5}{8}$ GMS @ 16" O.C. (TYP. @ WATER TABLE) BASE AS SCHEDULED 8X8X16 GROUND FACE CMU WALL. DENNIPOPARECEVER BEFORTS ! THE YRAL SEE STRUCTURAL — BELOW-GRADE STORM WATER COLLECTION - CONT. METAL TRACK SECURED TO SYSTEM, REFER TO CIVIL -CONT. FLASHING. PROVIDE WEEP HOLES @ 48" O.C. SLAB W/ EXPANSION SCREWS @ 24" - REINFORCED CONC. SLAB ON VAPOR O.C. MAX. - SEE STRUCTURAL DOWNSPOUT RECEIVER (BEYOND). TIE INTO BARRIER. SEE STRUCTURAL BELOW-GRADE STORM WATER COLLECTION EXTERIOR PAVING. SEE CIVIL CONT. CONC. FOOTING. SEE STRUCTURAL SYSTEM, REFER TO CIVIL -- SOIL - SEE FOUNDATION NOTES SOIL - SEE FOUNDATION NOTES EXTERIOR PAVING. SEE CIVIL - REINFORCED CONC. SLAB ON VAPOR BARRIER. SEE STRUCTURAL T.O. CONC. SLAB 0'-0" (REF.) T.O. CONC. SLAB 0'-0" (REF.) SOIL - SEE FOUNDATION NOTES — WALL SECTION WALL SECTION SCALE: 3/4" = 1'-0" SCALE: 3/4" = 1'-0" A4.1

METAL FABRICATIONS NEW FACILITY 4323 AVIATION AVENUE, TALLAHASSEE, FL 32

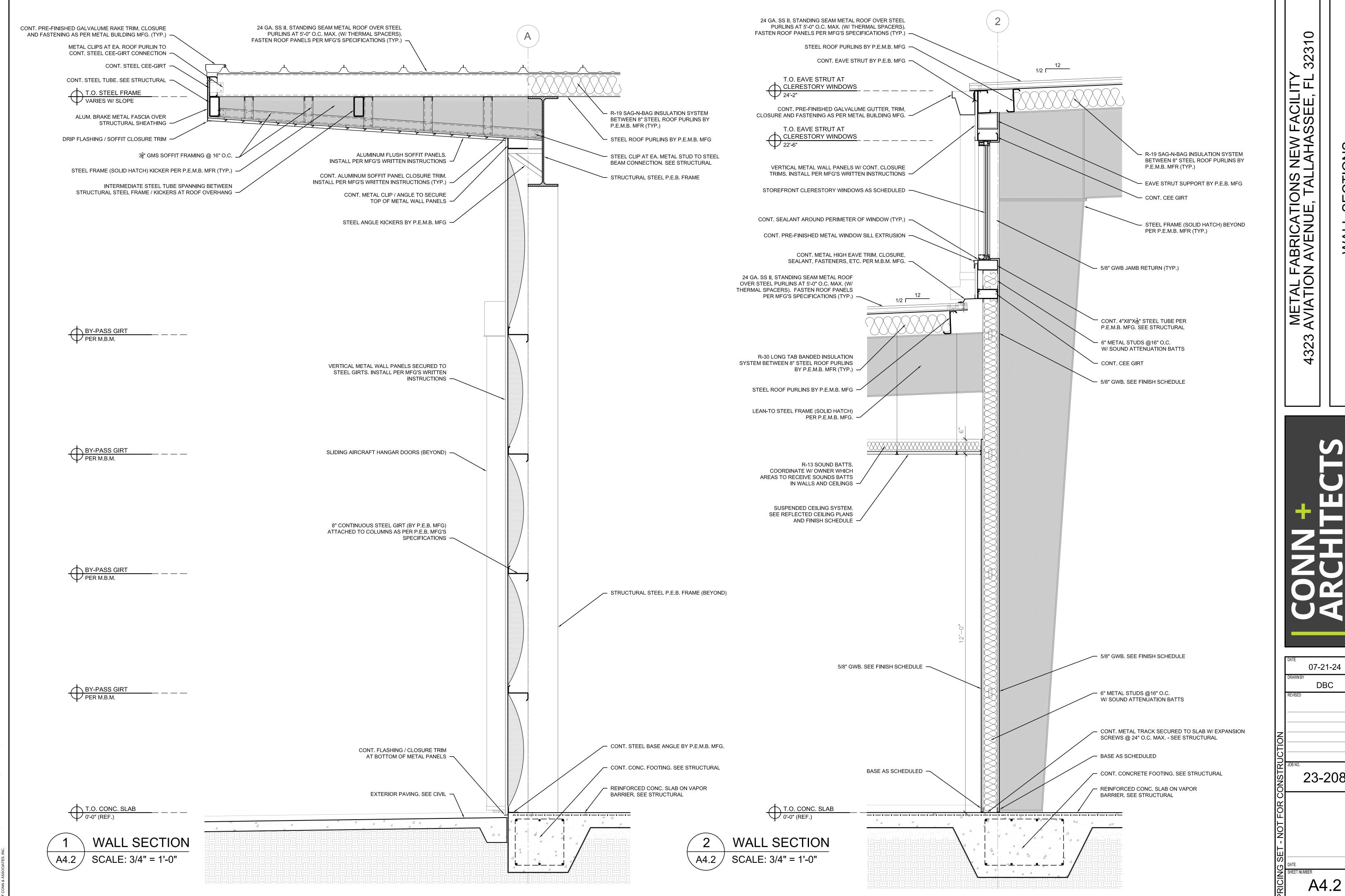
3

CONNarchitects.com Lic. No. AA C001662

DRAWN BY DBC
REVISED

JOB NO.
23-208

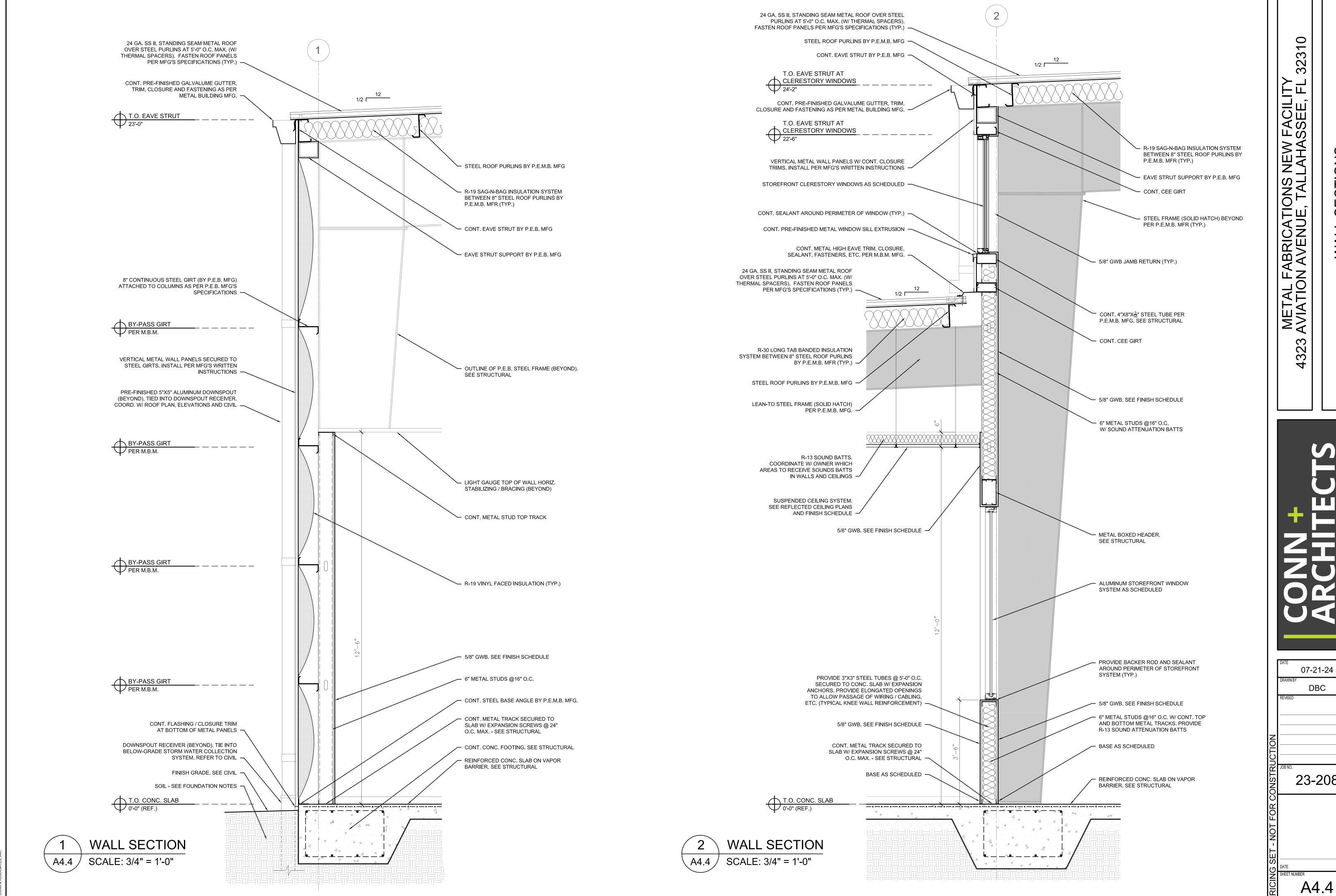
ATE HEET NUMBER



07-21-24 DBC 23-208

07-21-24 DBC 23-208

A4.3



07-21-24 DBC 23-208

METAL FABRICATIONS NEW FACILITY 1323 AVIATION AVENUE, TALLAHASSEE, FL

323

CONNarchitects.com | Tallahassee, Florida 32308 | 850-878-8784 | www.CONNarchitects.com | Lic. No. AA C001662

DATE

O7-21-24

DRAWN BY

DBC

REVISED

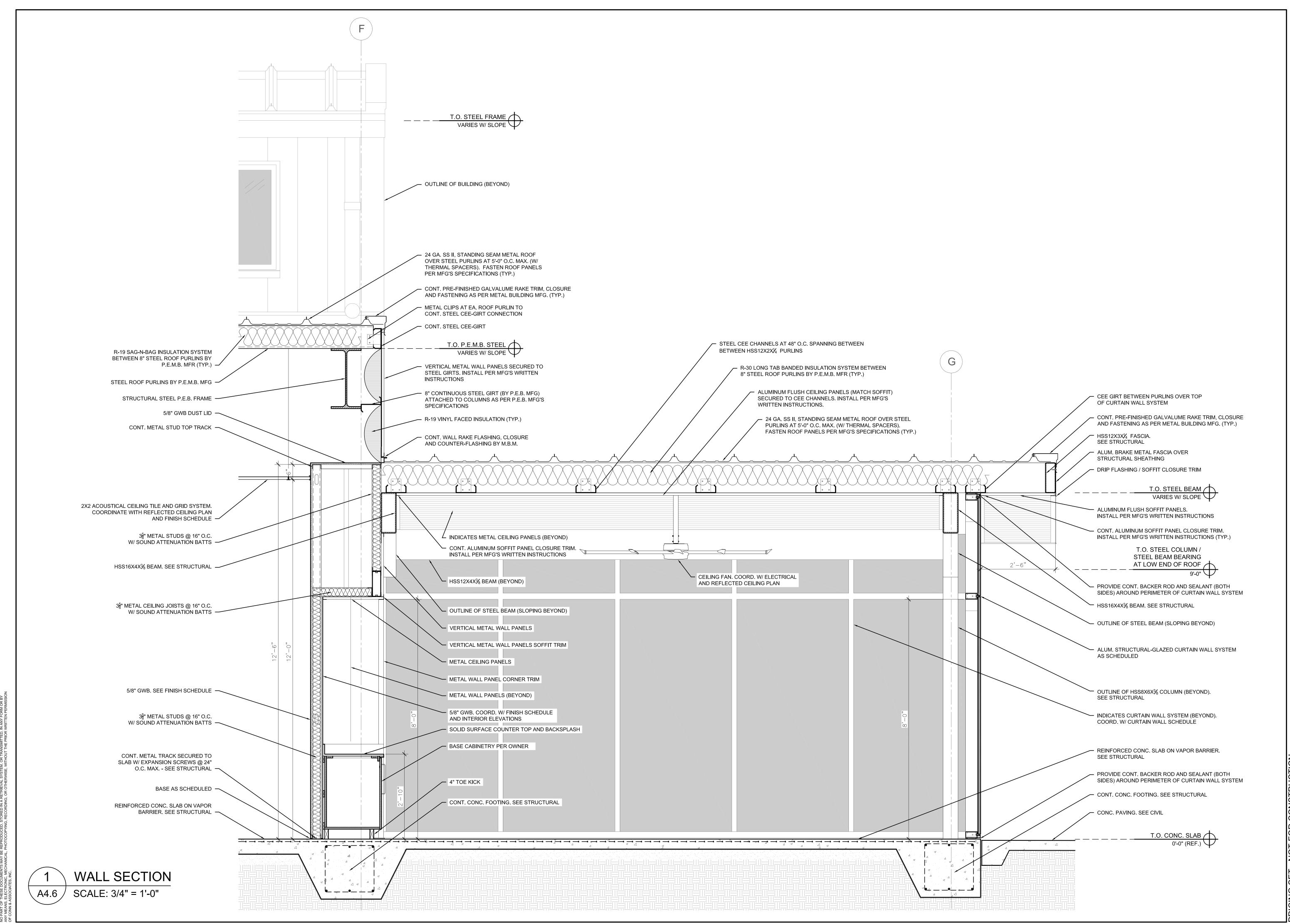
JOB NO.

23-208

DATE

SHEET NUMBER

A4.5



METAL FABRICATIONS NEW FACILITY 4323 AVIATION AVENUE, TALLAHASSEE, FL

3

32

CONDICTION OF A COUTES

DRAWN BY
DBC

REVISED

JOB NO.
23–208

DATE
SHEET NUMBER

A4.6

.



METAL FABRICATIONS NEW FACILIT 4323 AVIATION AVENUE, TALLAHASSEE, F

32

CONNarchitects.com | Lic. No. AA C001662

DATE

O7-21-24

DRAWN BY

DBC

REVISED

JOB NO.

23-208

DATE

DATE

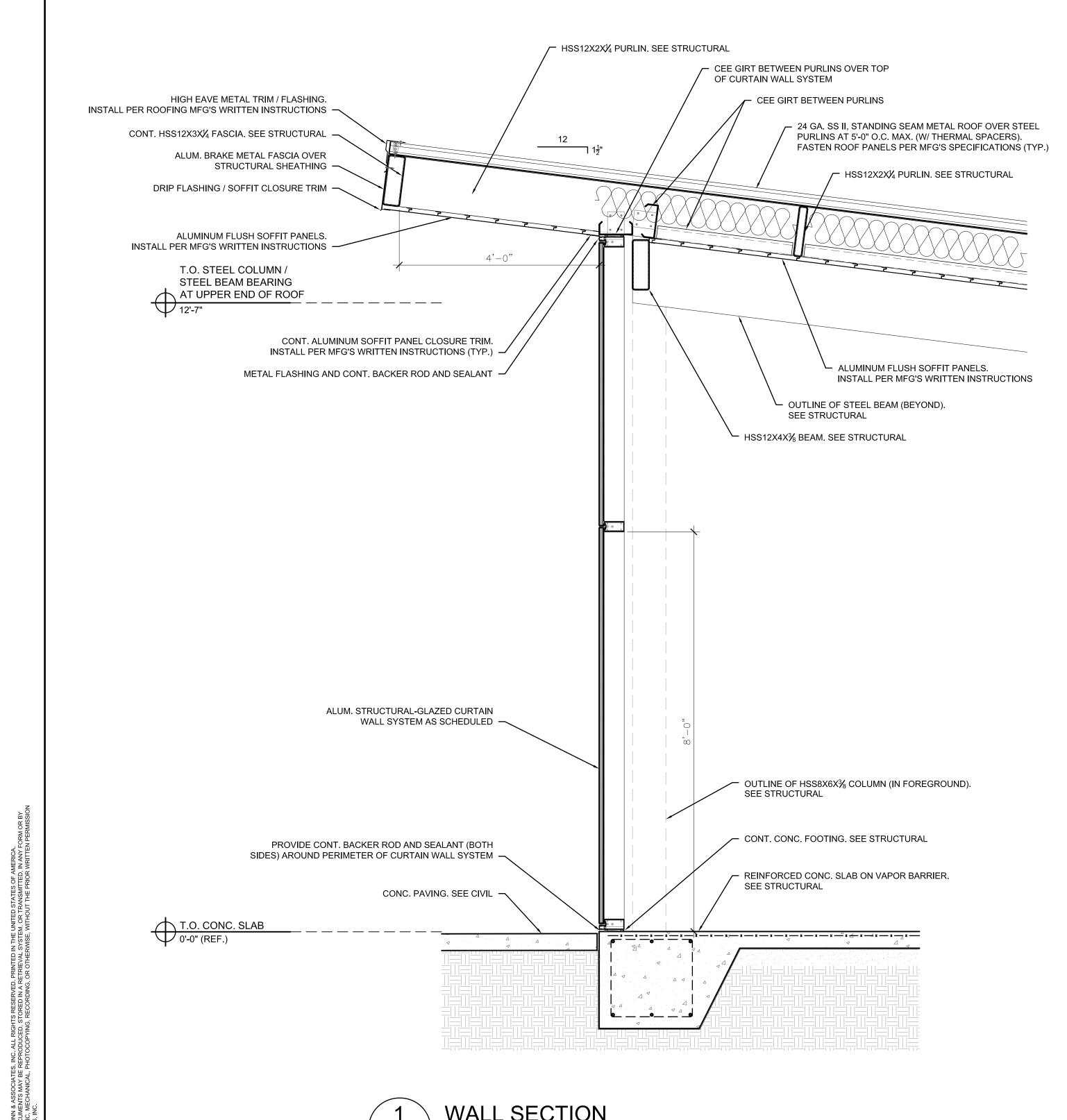
SHEET NUMBER

A4.7

PURLINS AT 5'-0" O.C. MAX. (W/ THERMAL SPACERS). FASTEN ROOF PANELS PER MFG'S SPECIFICATIONS (TYP.) CEE GIRT BETWEEN PURLINS CEE GIRT BETWEEN PURLINS OVER TOP OF CURTAIN WALL SYSTEM ALUMINUM FLUSH SOFFIT PANELS. INSTALL PER MFG'S WRITTEN INSTRUCTIONS ✓ HSS12X2X¼ PURLIN. SEE STRUCTURAL CONT. HSS12X3X1/4 FASCIA. SEE STRUCTURAL METAL FLASHING PER P.E.M.B. MFG CONT. PRE-FINISHED GALVALUME GUTTER, TRIM, CLOSURE AND FASTENING AS PER METAL BUILDING MFG. ALUM. BRAKE METAL FASCIA OVER STRUCTURAL SHEATHING T.O. STEEL COLUMN / STEEL BEAM BEARING AT LOW END OF ROOF ALUMINUM FLUSH SOFFIT PANELS. OUTLINE OF STEEL BEAM (BEYOND). ► DRIP FLASHING / SOFFIT CLOSURE TRIM SEE STRUCTURAL -ALUMINUM FLUSH SOFFIT PANELS. INSTALL PER MFG'S WRITTEN INSTRUCTIONS HSS12X4X¾ BEAM. SEE STRUCTURAL → - PROVIDE CONT. BACKER ROD AND SEALANT (BOTH SIDES) AROUND PERIMETER OF CURTAIN WALL SYSTEM ALUM. STRUCTURAL-GLAZED CURTAIN WALL SYSTEM AS SCHEDULED OUTLINE OF HSS8X6X% COLUMN (IN FOREGROUND). CONT. CONC. FOOTING. SEE STRUCTURAL -PROVIDE CONT. BACKER ROD AND SEALANT (BOTH REINFORCED CONC. SLAB ON VAPOR BARRIER. SIDES) AROUND PERIMETER OF CURTAIN WALL SYSTEM SEE STRUCTURAL -CONC. PAVING. SEE CIVIL

HSS12X2X¼ PURLIN. SEE STRUCTURAL

∠ 24 GA. SS II, STANDING SEAM METAL ROOF OVER STEEL



MARK

ROOM NAME

SHARED OFFICE

COPY ROOM

OFFICE 1

CONFERENCE ROOM

MECHANICAL CLOSET

WOMEN'S RESTROOM

MEN'S RESTROOM

SEADECK STORAGE

UNISEX RESTROOM 2

3. REFER TO REFLECTED CEILING PLAN

TILE CUT FLOOR TILES TO GET 4" BASE

BREAK ROOM

113 | ELECTRICAL ROOM

114 UNISEX RESTROOM 1

WAREHOUSE

115 LOCKER ROOM

118 UTILITY ROOM

CONC-2 | SEALED CONCRETE

FINISH NOTES

FLAMESPREAD NOTES

CONC-3 STAINED CONCRETE.

REMARKS.

RETAIL

HALL

108 OFFICE 3

109 | OFFICE 2

3

2

3

REMARKS

1, 2, 3

1.4

1, 4

1, 4

1, 4

7

7

1, 10

1, 10

1, 4

1, 10

1, 10

1, 4

1, 10

1, 4

8

SET 4

SET 4

SET 4

SET 4

SET 4

SET 4

SET 5

SET 3

SET 7

INTERIOR & EXTERIOR DOOR ACCESSIBILITY NOTES

CLOSERS SHALL BE ADJUSTED SUCH THAT EXTERIOR SWINGING DOORS CAN

AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF

THE WRIST TO OPERATE. THIS REQUIREMENT SHALL BE SATISFIED BY THE 5

BE OPERATED BY NOT MORE THAN 8.5 POUNDS OF FORCE ON THE LATCH

1. ALL DOORS SHALL BE OPERABLE BY A SINGLE EFFORT. THE DOORS AND

STILE, INTERIOR DOORS BY NOT MORE THAN 5.0 POUNDS OF FORCE.

MECHANISMS ON ALL DOORS AND OTHER MECHANISMS, OR U-SHAPED HANDLES SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND

POUND FEET STANDARD. ALL DOORS SHALL MEET ACCESSIBILITY REQUIREMENTS AS PER CODES STATED ON THE COVER SHEET.

PUSH BARS, HANDRAILS, PULLS, LOCKSETS, AND OTHER OPERATING

07-21-24

DOOR SCHEDULE

CLEAR

CLEAR

CLEAR

CLEAR

CLEAR

CLEAR

CLEAR

CLEAR

CLEAR

ALUMINUM

ALUMINUM

ALUMINUM

ALUMINUM

ALUMINUM

ALUMINUM

ALUMINUM

H.M.

H.M.

_

_

_

ıL	REMARKS	NAA DIK	DOOR			FRAME		1140014/405	
	TALIWI (TAKE)	MARK	SIZE	MATERIAL	ELEV.	GLAZING	MATERIAL	ELEV.	HARDWARE
/1	2, 7	1	16'-0" x 16'-0"	STEEL	2	-	STEEL	_	SET 1
/1	5, 7	2	(2) 20'-0" x 16'-0"	STEEL	1	_	STEEL	_	SET 1
/I	2, 7	3	3'-0" x 7'-0"	H.M.	5	_	H.M.	_	SET 7
 Л	5, 7	4	3'-0" x 7'-0"	H.M.	5	_	H.M.	_	SET 7
л Л		5	16'-0" x 16'-0"	STEEL	2	_	STEEL	_	SET 1
, . ,	1	6	3'-0" x 7'-0"	H.M.	5	_	H.M.	_	SET 7
/I	1	7	16'-0" x 16'-0"	STEEL	2	_	STEEL	_	SET 1
/1	1	8	3'-0" x 7'-0"	H.M.	5	_	H.M.	_	SET 7
/I	1	9	(2) 3'-0" x 8'-0"	ALUMINUM / GLASS	3	CLEAR	ALUMINUM	_	SET 6
/1	1	10	3'-0" x 8'-0"	ALUMINUM / GLASS	4	CLEAR	ALUMINUM	_	SET 6
/1	1, 4	11	3'-0" x 8'-0"	ALUMINUM / GLASS	4	CLEAR	ALUMINUM	_	SET 6
1	2, 6	12	3'-0" x 7'-0"	S.C. WOOD	8	_	H.M.	_	SET 3
/1	2, 6	13	3'-0" x 7'-0"	S.C. WOOD	8	_	H.M.	_	SET 5
/1	2, 6	14	3'-0" x 7'-0"	S.C. WOOD	8	_	H.M.	_	SET 2
/1	2, 6	15	3'-0" x 7'-0"	S.C. WOOD	8	_	H.M.	_	SET 2
/1	3, 6	16	3'-0" x 8'-0"	ALUMINUM / GLASS	4	CLEAR	ALUMINUM	_	SET 5
 1	3, 6	17	3'-0" x 7'-0"	S.C. WOOD / GLASS	9	CLEAR	H.M.	_	SET 5
	3, 0	18	3'-0" x 7'-0"	S.C. WOOD	8	_	H.M.	_	SET 2
		19	3'-0" x 7'-0"	S.C. WOOD	8	_	H.M.	_	SET 2
	<u> </u>	20	3'-0" x 7'-0"	S.C. WOOD	8	_	H.M.	_	SET 2
ERIOR STOREFRONT WINDOWS).		21	3'-0" x 7'-0"	S.C. WOOD	8	_	H.M.	_	SET 3
		22	3'-0" x 8'-0"	ALUMINUM / GLASS	10	CLEAR	ALUMINUM	_	SET 4
EFR	ONT WINDOWS).	23	3'-0" x 8'-0"	ALUMINUM / GLASS	10	CLEAR	ALUMINUM	_	SET 4
ANNELS. PROVIDE PRE-FORMED		24	(2) 3'-0" x 7'-0"	S.C. WOOD	11	_	H.M.	_	SET 3
ı⊢ W	/ GASKET AND DROP-DOWN		i	1		1			

33	
REMARKS:	
1 ALLIMINI	IN.

26

27

29

30

. ALUMINUM STOREFRONT DOORS 2. HEAVY DUTY INSULATED ROLL-UP STEEL DOOR 3. EXTERIOR STEEL ROLLING HANGAR DOOR SYSTEM WITH WEATHER SEALS BY "WELL BILT INDUSTRIES" OR EQUIVALENT.

ALUMINUM / GLASS

H.M. / GLASS

H.M. / GLASS

- 4. TEMPERED GLASS 5. SOLID CORE WOOD DOOR WITH 4"X25" TEMPERED VISION PANEL 6. PROVIDE PANIC EXIT ALARM PUSH-BAR DEVICE
- 7. PROVIDE 12" X 34" S.S. KICK PLATE 8. 1-HOUR RATED H.M. DOOR WITH 4"X25" TEMPERED VISION PANEL 9. H.M. DOOR WITH 23X35 TEMPERED GLASS PANEL
- 10. TEMPERED GLASS DOOR PER GLASS WALL SYSTEM MFG.

DOOR SCHEDULE NOTES

3'-0" x 8'-0"

3'-0" x 7'-0"

3'-0" x 7'-0"

- ALL DOORS SHALL HAVE LEVER TYPE HARDWARE PER CODE.
- COORDINATE WITH OWNER ALL FINISH, TYPE AND COLOR OF ALL DOORS AND WINDOWS. COORDINATE ALL DOORS AND FINISHES WITH OWNER PRIOR TO BID. . DOOR SUPPLIER SHALL SUBMIT DOOR HARDWARE SCHEDULE TO THE
- OWNER FOR APPROVAL PRIOR TO CONSTRUCTION. INSTALL PANIC, EXIST, CODE COMPLIANT, AND FIRE HARDWARE AS REQUIRED BY CODE. ALL HARDWARE SHALL BE COMMERCIAL GRADE AND SHALL BE SELECTED BY OWNER.
- ALL DOORS SHALL HAVE SILENCERS AND FLOOR-MOUNTED DOOR STOPS. ALL GLASS WITHIN DOORS, WITHIN 48" OF A DOOR, OR WITHIN 18" FROM FINISHED FLOOR SHALL BE TEMPERED.
- ALL EXTERIOR HOLLOW METAL DOORS SHALL BE INSULATED DOORS. 10. RUN CONTINUOUS BEAD OF CLEAR SILICONE CAULK AROUND ALL DOOR FRAMES AND ALL INTERIOR TILE CORNERS IN RESTROOMS. 1. ALL A.D.A. THRESHOLDS SHALL NOT EXCEED 1/2" A.F.F.
- 12. CONTRACTOR TO PROVIDE WOOD BLOCKING AT JAMBS AND HEAD OF ALL INTERIOR 13. ALL WOOD AND HOLLWO METAL DOORS SHALL BE PRE-PAINTED FROM FACTORY,
- COLOR: TO BE SELECTED BY OWNER. 14. OVERHEAD DOORS AND ELEMENTS SHOULD, TO THE EXTENT POSSIBLE, BE POWDER-COATED, COLOR: TO BE SELECTED BY OWNER.

DOOR HARDWARE SCHEDULE

SET 1: HARDWARE BY DOOR MFR. SET 2: 3 EA. HINGES, 1 EA. PRIVACY LOCKSET - 1 DOOR STOP, 2 KICKPLATES, 4 DOOR SILENCERS

SET 3: 3 EA. HINGES, 1 EA. STOREROOM LOCKSET - 1 DOOR STOP, 4 DOOR SILENCERS SET 4: 4 EA. HINGES, 1 EA. OFFICE LOCKSET - 1 EA. DOOR STOP, 4 DOOR SILENCERS

SET 5: 3 EA. HINGES, 1 EA. PASSAGE LOCKSET - 1 EA. DOOR STOP, 4 DOOR SILENCERS

SET 6: 4 EA. HINGES, 1 EA. ENTRY LOCKSET - 1 EA. DOOR STOP, 1 EA. DOOR CLOSER, 1 EA. WEATHER STRIPPING, 1 EA. DOOR SWEEP, 1 EA. A.D.A. THRESHOLD SET 7: 3 EA. HINGES, 1 EA. RIM EXIT DEVICE WITH KEYED ENTRY LEVER TRIM, 1 EA. DOOR STOP, 1 EA. DOOR CLOSER, 1 EA. WEATHER STRIPPING, 1 EA. DOOR SWEEP, 1 EA. A.D.A. THRESHOLD

STOREFRONT WINDOW / GLASS WALL SCHEDULE							
MARK	UNIT SIZE WIDTH HEIGHT		TYPE	FRAME MATERIAL	REMARKS		
	(R.O.)	(R.O.)					
\bigcirc	20'-0"	±10'-4"	ALUMINUM STOREFRONT	ALUMINUM	2, 7		
(A ¹)	15'-0"	VARIES	ALUMINUM STOREFRONT	ALUMINUM	5, 7		
B	20'-0"	±14'-0"	ALUMINUM STOREFRONT	ALUMINUM	2, 7		
8	5'-0"	VARIES	ALUMINUM STOREFRONT	ALUMINUM	5, 7		
0	6'-0"	5'-6"	ALUMINUM STOREFRONT	ALUMINUM	1		
O	13'-6"	5'-6"	ALUMINUM STOREFRONT	ALUMINUM	1		
E	11'-2"	8'-2"	ALUMINUM STOREFRONT	ALUMINUM	1		
F	7'-6"	8'-2"	ALUMINUM STOREFRONT	ALUMINUM	1		
G	8'-6"	4'-8"	ALUMINUM STOREFRONT	ALUMINUM	1		
\bigoplus	20'-0"	3'-6"	ALUMINUM STOREFRONT	ALUMINUM	1, 4		
	8'-4 3 "	4'-8"	ALUMINUM STOREFRONT	ALUMINUM	2, 6		
(7'-4 3 "	8'-2"	ALUMINUM STOREFRONT	ALUMINUM	2, 6		
K	9'-11 ³ / ₄ "	4'-8"	ALUMINUM STOREFRONT	ALUMINUM	2, 6		
	9'-10"	8'-2"	ALUMINUM STOREFRONT	ALUMINUM	2, 6		
	11'-10 ³ "	10'-0"	BUTT JOINT GLAZING	ALUMINUM	3, 6		
	22'-7 1 "	10'-0"	BUTT JOINT GLAZING	ALUMINUM	3, 6		

REMARKS:

- TEMPERED INSULATED ALUMINUM STOREFRONT WINDOW SYSTEM (TYPICAL EXTER FRAME COLOR TO BE BLACK.
- TEMPERED ALUMINUM STOREFRONT WINDOW SYSTEM (TYPICAL INTERIOR STOREF FRAME COLOR TO BE BLACK.
- TEMPERED BUTT-JOINT WINDOW SYSTEM W/ ALUMINUM PERIMETER FRAME / CHANI NON-YELLOWING SEALANT BETWEEN GLASS PANELS. PROVIDE PERIMETER FRAME W/ GASKET AND DROP-DOWN THRESHOLD SEALS AT GLASS DOORS, FRAME COLOR TO BE BLACK.
- ALUMINUM STOREFRONT CLERESTORY WINDOWS. FRAME COLOR TO BE BLACK. COORDINATE WITH ELEVATIONS. HEIGHT VARIES WITH SLOPE OF STOREFRONT WINDOW SYSTEM
- CENTER WINDOW FRAME ON WALL AND BULKHEAD ABOVE. COORDINATE WITH WALL SECTIONS. TEMPERED INSULATED ALUMINUM CURTAIN WALL SYSTEM. FRAME COLOR TO BE BLACK.
- HEIGHT OF CURTAIN WALL SYSTEM VARIES WITH SLOPE OF ROOF. FIELD VERIFY HEIGHTS PRIOR TO FABRICATION.

WINDOW SPECIFICATION

- . ALL STOREFRONT / CURTAIN WALL WINDOWS ARE INSULATED, ALUMINUM WINDOWS AS SCHEDULED W/ FACTORY FINISH. FINISH SHALL BE "ANODIZED", BLACK COLOR. . ALL EXTERIOR WINDOWS SHALL HAVE A U-FACTOR OF 0.45 AND A SHGC OF 0.52.
- (THESE FACTORS ARE MINIMUM REQUIREMENTS) COORDINATE WITH ENERGY FORMS. ALL EXTERIOR DOORS SHALL HAVE A U-FACTOR OF 0.45 AND A SHGC OF 0.52.
- (THESE FACTORS ARE MINIMUM REQUIREMENTS) COORDINATE WITH ENERGY FORMS.

GENERAL NOTES

- . ALL EXTERIOR WINDOW AND DOOR GLAZING SHALL BE LOW-E, INSULATING GLASS. 2. FIELD VERIFY ALL WINDOW TYPE OPENINGS PRIOR TO FABRICATION AND INSTALLATION OF WINDOWS. 3. ALL GLASS WITHIN DOORS, WITHIN 24" OF A DOOR, OR WITHIN 18" FROM FINISHED FLOOR SHALL BE TEMPERED.
- I. EXTERIOR WINDOWS AND GLASS DOORS SHALL BEAR THE "AAMA", "WDMA", OR OTHER APPROVED LABEL INDICATING COMPLIANCE WITH ANSI/ AAMA / NWEDA 101/1.S.2-97 AND SHALL MEET THE DESIGN PRESSURE AS NOTED ON THE STRUCTURAL DRAWINGS.
- PROVIDE INSPECTOR WITH MANUFACTURER'S SHOP DRAWINGS FOR INSTALLATION. 5. ALL WINDOWS AND DOORS SHALL BE (WHERE REQUIRED) OF THE TYPE DESIGNED FOR AND INTENDED FOR
- 3. ALL DOORS, WINDOWS, FRAMES AND GLAZING SHALL BE INSTALLED AS PER MANUFACTURER'S WRITTEN INSTRUCTIONS. 7. COORDINATE WITH STOREFRONT WINDOW ELEVATIONS SHEET A5.1.

DOOR ELEVATIONS								
-		HANGAR DOOR PANEL 1	AS SCHEDULED	HANGAR DOOR PANEL 2	+	, AS SCHEDUI	.ED	
								LEGEND T TEMPERED GLAZING
AS SCHEDULED			←		AS SCHEDULED			AS SCHEDULED H.M. FRAME
'		ST	EEL ROLLING HANGAR DOOR SYSTEM	VERTICAL METAL PANELS PER HA (MATCH COLOR OF EXTERIOR ME		STEEL ROLLING HANGAF	R DOOR SYSTEM	ALUM. / GLASS
			1			2		3
AS SCHEDULED	AS SCHEDULED H.M. FRAME ALUM. / GLASS	AS SCHEDULED H.M. FRAME GALVANNEALED INSULATED H.M.	AS SCHEDULED VISION PANEL H.M. / GLASS (1-HOUR RATED)	AS SCHEDULED VISION PANEL H.M. FRAME H.M. / GLASS	AS SCHEDULED H.M. FRAME S.C. WOOD	AS SCHEDULED VISION PANEL H.M. FRAME S.C. WOOD / GLASS	AS SCHEDULED ALUM. FRAME ALUM. / GLASS	AS SCHEDULED H.M. FRAME S.C. WOOD
	4	5	6	7	8	9	10	11

ROOM FINISH SCHEDULE

GWB / PAINT

GWB-2 / PAINT

GWB-2 / PAINT

GWB / PAINT

GWB / PAINT

GWB / PAINT

GWB / PAINT

GWB / PAINT

GWB / PAINT

GWB-2 / PAINT

GWB / PAINT

GWB-2 / PAINT

GWB / PAINT

GWB-3 / PAINT

FLOOR

BASE

WALLS

CEILING

FINISH SCHEDULE GENERAL NOTES

WALL &

CEILING

RATING

A OR B

A OR B

A, B OR C

A, B OR C

A OR B

A. B OR C

A, B OR C

ABORC

A, B OR C

A, B OR C

CLASS A

CLASS A

CLASS A

CEILING HT

VARIES

12'-0"

12'-0"

10'-0" / 12'-0"

12'-0"

9'-0"

9'-0"

12'-0"

12'-0"

12'-0"

12'-0"

12'-0"

12'-0"

9'-0"

9'-0"

9'-0"

REMARKS

CEILING

OPEN / EXPOSED

ACT

ACT

ACT / GWB

ACT

OPEN / EXPOSED

GWB

GWB

ACT

ACT

ACT

ACT

ACT

OPEN / EXPOSED

GWB

GWB

GWB

GWB-4

FLOORING

CONC-3

CONC-3

CONC-3

CONC-3

CONC-3

TILE

TILE

CONC-3

CONC-3

CONC-3

CONC-3

CONC-3

CONC-2

CONC-3

CONC-3

CONC-3

CONC-2

LUXURY VINYL TILES. COLOR AND STYLE SELECTED BY OWNER

RC-1 6" RUBBER COVE BASE, JOHNSONITE, COLOR SELECTED BY OWNER

G.W.B. 5/8" GWB - LEVEL 4 SMOOTH FINISH, PAINTED. COLOR: WHITE

6. ALL PAINT IN RESTROOMS SHALL BE EPOXY BASED.

FLAMESPREAD CLASS RATING DEFINITION

GWB-4 5/8" TYPE 'C' GWB - LEVEL 4 SMOOTH FINISH, PAINTED, COLOR; WHITE

FINISH | CLASS

CONC-3 | I OR II

IORII

TILE 30"X30" ESTATE WOOD "HALL" PORCELAIN TILE, GROUT COLOR; MAPEI # 42 MOCHA FA (OR EQUIVALENT)

5/8" GWB - LEVEL 4 SMOOTH FINISH, PAINTED WHERE EXPOSED. COLOR SELECTED BY OWNER.

GWB-2 5/8" MOISTURE RESISTANT GWB - LEVEL 4 SMOOTH FINISH, PAINTED. COLOR SELECTED BY OWNER

GWB-3 5/8" TYPE 'X' GWB - LEVEL 4 SMOOTH FINISH, PAINTED. COLOR SELECTED BY OWNER.

2. INSTALL A.D.A. COMPLIANT TRANSITION STRIPS AT ALL CHANGES IN FINISH FLOORING.

5. INSTALL SOLID BLOCKING WITHIN WALLS WHERE REQUIRED FOR NEW EQUIPMENT, ACCESSORIES AND TRIM.

CLASS A INTERIOR WALL AND CEILING FINISH - FLAME SPREAD 0-25. (NEW) SMOKE DEVELOPED 0-450

CLASS B INTERIOR WALL AND CEILING FINISH - FLAME SPREAD 26-75, (NEW) SMOKE DEVELOPED 0-450

CLASS C INTERIOR WALL AND CEILING FINISH - FLAME SPREAD 76-200, (NEW) SMOKE DEVELOPED 0-450

2. ALL NEW INTERIOR FLOOR FINISHES SHALL MEET OR EXCEED CLASS II AS DEFINED BY NFPA 101 12.3.3.

RC-1

RC-1

RC-1

RC-1

RC-1

RC-1

TILE

TILE

RC-1

RC-1

RC-1

RC-1

RC-1

RC-1

TILE

TILE

TILE

. PROVIDE 5/8" MOISTURE RESISTANT GWB AT ALL PLUMBING / WET WALLS. 2. OPEN / EXPOSED CEILING HEIGHT VARIES WITH SLOPE OF ROOF STRUCTURE

ACT ARMSTRONG "ULTIMA" 24" X 24" ACOUSTICAL CEILING TILE, ITEM# 1951, BEVELED TEGULAR 15/16, COLOR: WHITE (OR EQUIVALENT) IN ALUMINUM GRID

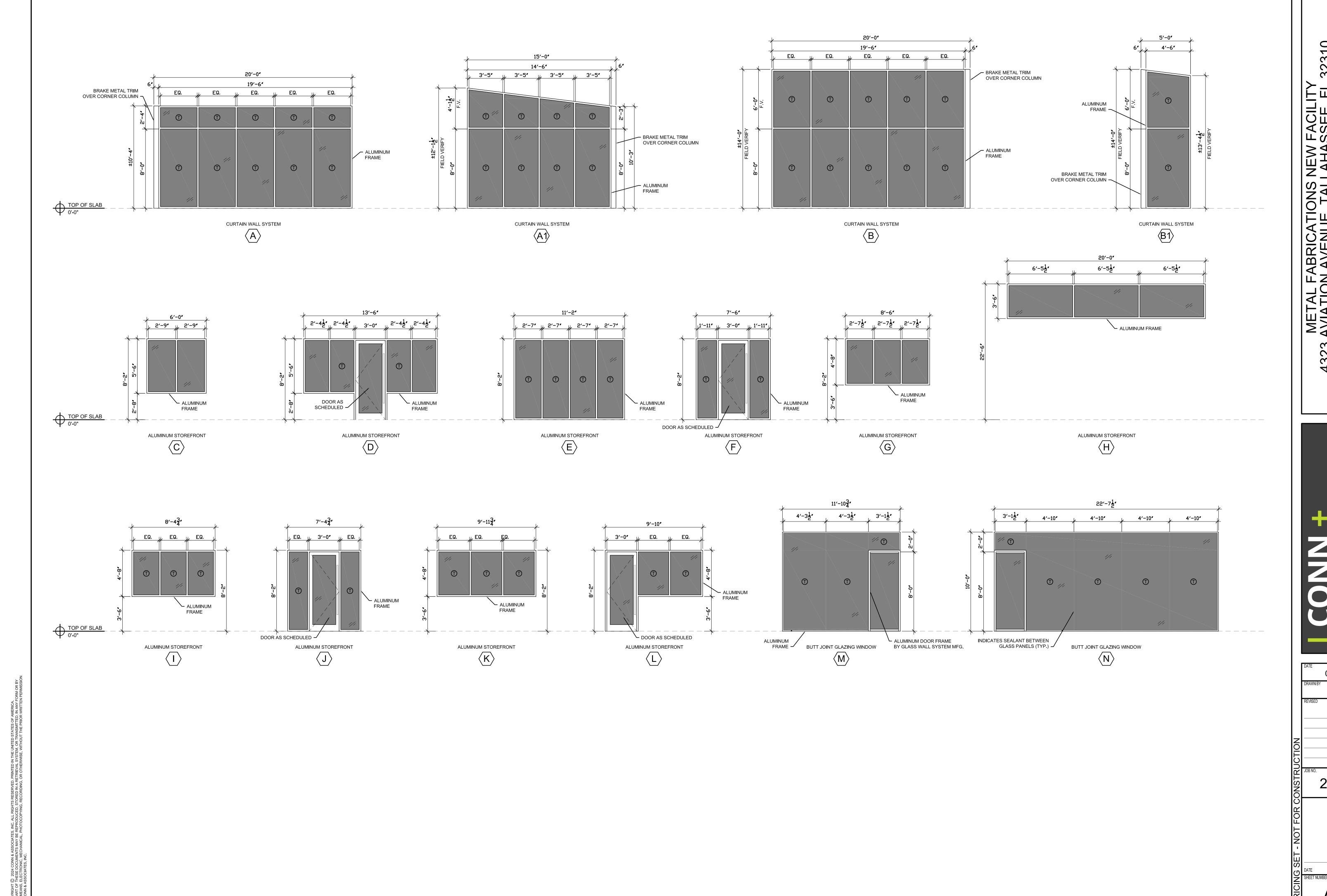
3. FLOOR TILES AND TILE BASES SHALL BE NON-SLIP GRADE AND SHALL CONFORM TO STANDARDS SET BY THE TILE COUNCIL OF AMERICA AND ANSI.

4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY AND COMPLY WITH THE MANEUVERING CLEARANCES AT ALL DOORS PER A.D.A. DETAILS.

1. ALL FINISHES AND COLORS SHALL BE SELECTED BY OWNER. CONTRACTOR SHALL COORDINATE / VERIFY ALL FINISHES, COLOR WITH OWNER PRIOR TO BIDDING.

1. ALL NEW INTERIOR WALL AND CEILING FINISHES SHALL MEET OR EXCEED CLASS B FLAME SPREAD 26-75, (NEW) SMOKE DEVELOPED 0-450 AS DEFINED BY NFPA 101, 12.3.3.

23-208



32310 METAL FABRICATIONS NEW FACILITY 4323 AVIATION AVENUE, TALLAHASSEE, FL

ELEVATIONS

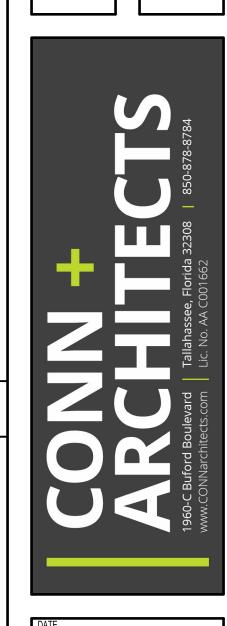
STOREFRONT WINDOW / GLASS WALL

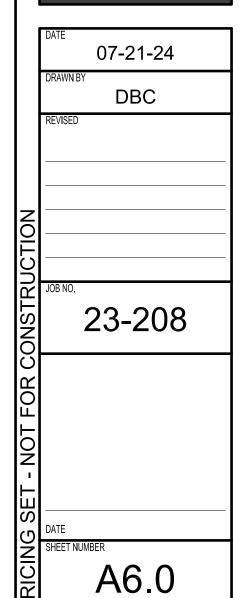
07-21-24 DBC 23-208 A5.1

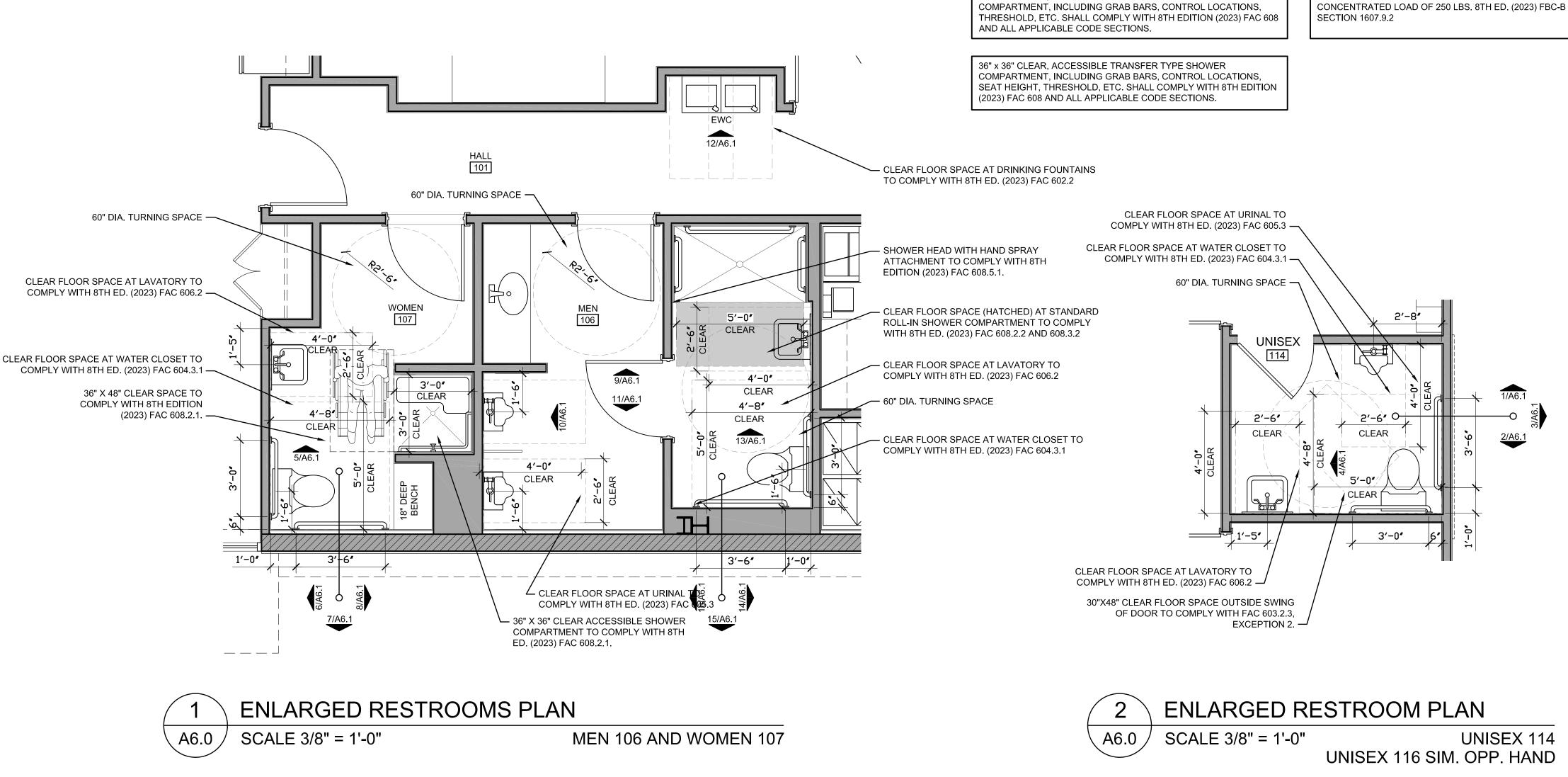


GRAB BARS SHALL BE DESIGNED TO RESIST A SINGLE





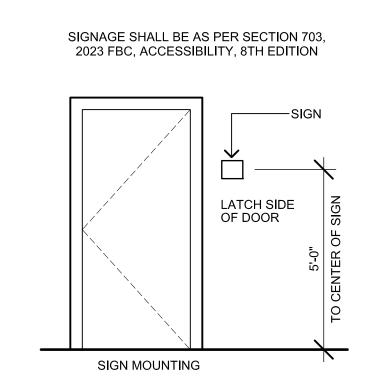


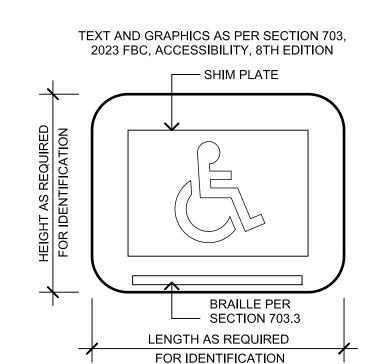


CHARACTER HEIGHT: CHARACTERS AND NUMBERS ON SIGNS SHALL BE SIZED ACCORDING TO THE VIEWING DISTANCE FROM WHICH THEY

MINIMUM CHARACTER HEIGHT SHALL BE PER 2023 FBC, ACCESSIBILITY, 8TH EDITION, TABLE 703.2.4.

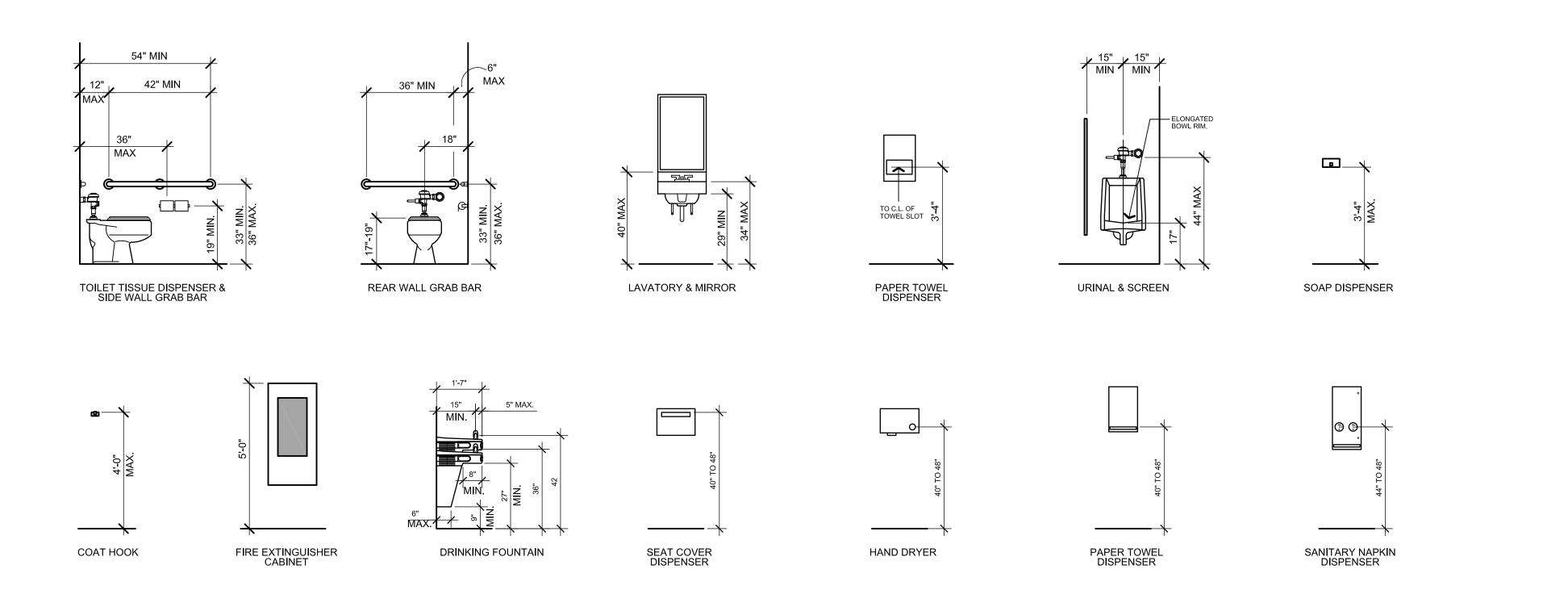
SHALL BE AT LEAST 5/8 INCHES (16 MM) HIGH, BUT NO HIGHER THAN 2 INCHES (51 MM). PICTOGRAMS SHALL BE ACCOMPANIED BY THE DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.





ACCESSIBLE RESTROOM DETAILS & MISCELLANEOUS MOUNTING HEIGHTS

36" x 60" CLEAR, ACCESSIBLE STANDARD ROLL-IN TYPPE SHOWER



SIGNAGE NOTES

RESTROOM GRAPHICS AND OTHER BUILDING SIGNAGE SHALL COMPLY WITH SECTION 703 OF THE 2023 FBC, ACCESSIBILITY, 8TH EDITION. CHARACTER PROPORTION: LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH-TO-HEIGHT RATIO PER 2023 FBC, ACCESSIBILITY, 8TH EDITION, SECTION 703.2.5 AND A STROKE WIDTH-TO-HEIGHT RATIO PER 2017 ICC A117.1 SECTION 703.2.6.

ARE TO BE READ. THE MINIMUM HEIGHT IS MEASURED USING AN UPPER CASE "I". LOWER CASE CHARACTERS ARE PERMITTED.

TOILET ACCESSORIES LEGEND

NOTES

LAVATORIES SHALL BE MOUNTED WITH LAVATORY APRON 2'-5" A.F.F. IN ACCORDANCE

4. H/C TOILETS SHALL MEET REQUIREMENTS OF 2023 (8TH ED.) FBC - ACCESSIBILITY

SHOULD ANY DISCREPANCY BE FOUND BETWEEN ITEMS NOTED IN THE CONTRACT DOCUMENTS AND APPLICABLE CODES, THE CONTRACTOR SHOULD BRING ITEMS TO

ALL BLOCKING REQUIRED FOR INSTALLATION SHALL BE PROVIDE BY CONTRACTOR.

GENERAL NOTES

ENLARGED TOILET PLANS SHOW LOCATION OF TOILET FIXTURES, ACCESSORIES AND NOTES.

SEE FLOOR PLAN FOR INFORMATION REGARDING WALL TYPES, CONSTRUCTION NOTES AND

. ALL STUD WALLS SURROUNDING RESTROOMS SHALL HAVE SOUND ATTENUATION BATTING.

3. DIMENSIONS LOCATING TOILET ACCESSORIES ARE TYPICAL UNLESS NOTED OTHERWISE.

6. ALL WALL MOUNTED GRAB BARS, SINKS OR OTHER EQUIPMENT SHALL HAVE

5. TYPICAL ELEVATIONS ARE SHOWN FOR CLARITY OF FIXTURE AND ACCESSORY LOCATIONS

. SHOULD EXISTING WALL DEPTH BE INADEQUATE TO ALLOW INSTALLATION OF RECESSED FIXTURES, SURFACE MOUNTED FIXTURES MAY BE ACCEPTABLE WITH

BRADLEY 8120-001360

BRADLEY 8120-001420

BRADLEY 5402-000000

ASI 10-0620, SS FINISH

SEE FINISH SCHEDULE

SEE FINISH SCHEDULE

SELECTED BY OWNER

SELECTED BY OWNER

SELECTED BY OWNER

SELECTED BY OWNER

FREDDOM SHOWERS -

APF6233BFF.875L

SEE PLUMBING

SEE PLUMBING

SEE PLUMBING

1 1/2" DIA. GRAB BAR X 36" LONG

B 1 1/2" DIA. GRAB BAR X 42" LONG

(G) PAINTED GWB (EPOXY-BASED PAINT)

SOAP DISPENSER - SURFACE MOUNTED

TOILET TISSUE DISPENSER - SURFACE MOUNTED

SOLID-SURFACE COUNTER TOP AND BACKSPLASH

M PAPER TOWEL DISPENSER - SURFACE MOUNTED

(N) 62"X33" STANDARD ROLL-IN TYPE SHOWER COMPARTMENT

WITH 2023 (8TH ED.) FBC - ACCESSIBILITY REQUIREMENTS.

MIRRORS SHALL BE CENTERED OVER SINKS, TYPICAL U.N.O.

THE ATTENTION OF THE ARCHITECT PRIOR TO ORDERING. PROVIDE SEALANT AROUND THE BASE OF ALL WATER CLOSETS

4. REFER TO FINISH SCHEDULE FOR ROOM FINISHES.

AND HEIGHTS. REFER TO PLANS FOR LOCATIONS.

BLOCKING INSTALLED AS REQUIRED.

INSULATE ALL EXPOSED HOT WATER PIPING AT HANDICAP LOCATIONS.

A.D.A. COMPLIANT LAVATORY

A.D.A. COMPLIANT TOILET

F MIRROR 24" X 38"

(H) 4" VINYL COVE BASE

(i) ADA COMPLIANT URINAL

ARCHITECT'S REVIEW.

REMOVABLE LAMINATE PANEL

RAISED AND BRAILLE CHARACTERS AND PICTORIAL SYMBOL SIGNS (PICTOGRAMS). LETTERS AND NUMERALS SHALL BE RAISED 1/32 INCHES (.8 MM), UPPER CASE, SANS SERIF OR SIMPLE SERIF TYPE AND SHALL BE ACCOMPANIED WITH GRADE 2 BRAILLE. RAISED CHARACTERS EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE 6 INCHES (152 MM) MINIMUM IN HEIGHT, FINISH AND CONTRAST. THE CHARACTERS AND BACKGROUND OF SIGNS SHALL BE EGGSHELL, MATTE, OR OTHÈR NON-GLARE FINISH. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND-EITHER LIGHT CHARACTERS ON A

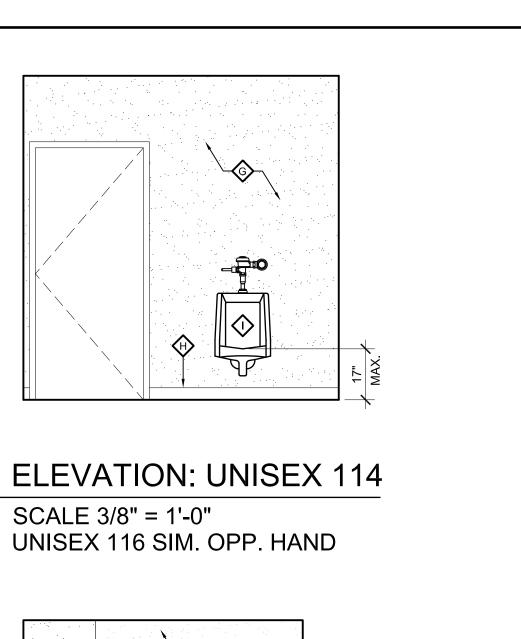
MOUNTING LOCATION AND HEIGHT. WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL. MOUNTING HEIGHT SHALL BE 60 INCHES (1525 MM) ABOVE THE FINISH FLOOR TO THE CENTERLINE OF THE SIGN. MOUNTING LOCATION FOR SUCH SIGNAGE SHALL BE SO THAT A PERSON MAY APPROACH WITHIN 3 INCHES (76 MM) OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.

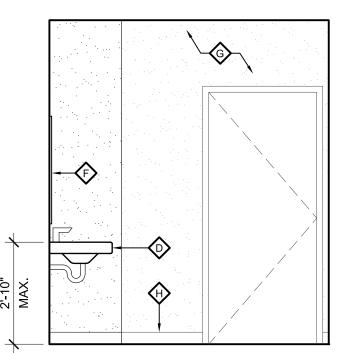
07-21-24

DBC

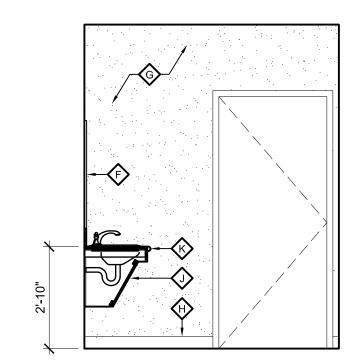
23-208

A6.1

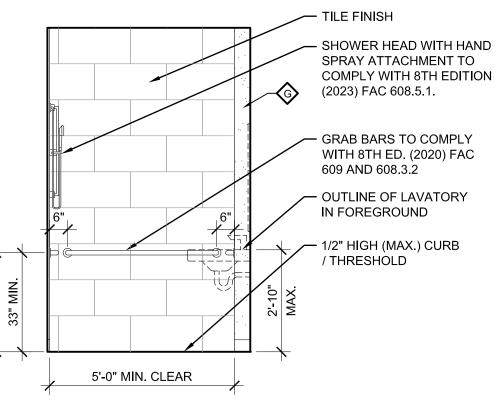




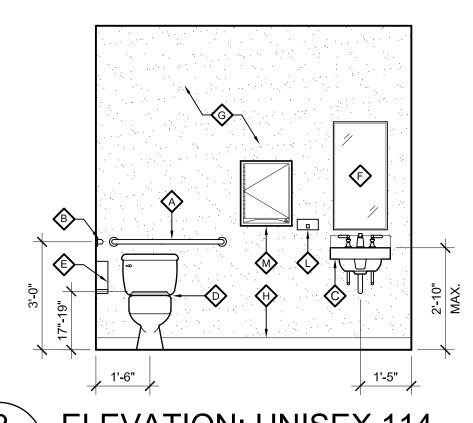
ELEVATION: WOMEN 107 SCALE 3/8" = 1'-0"



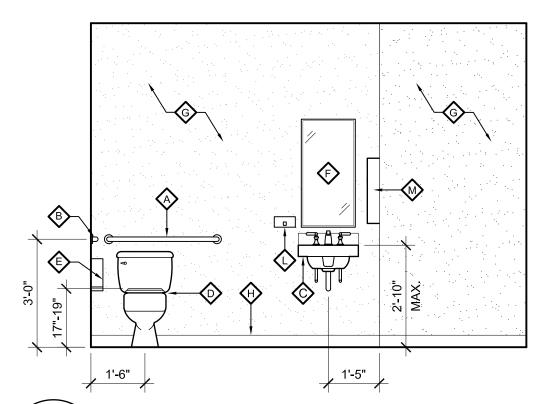
ELEVATION: MEN 106 SCALE 3/8" = 1'-0"



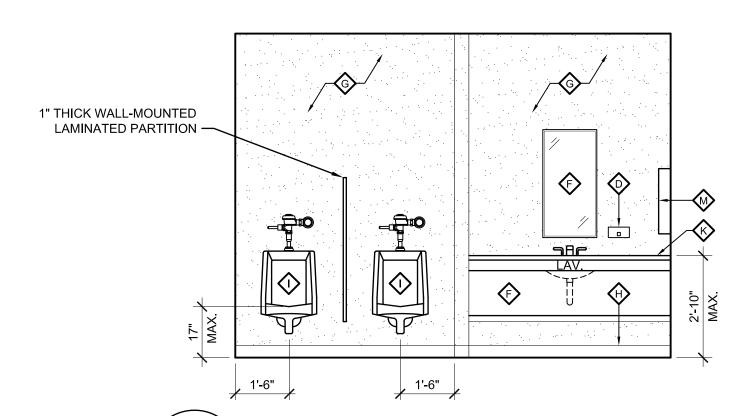
ELEVATION: MEN 106 SCALE 3/8" = 1'-0"



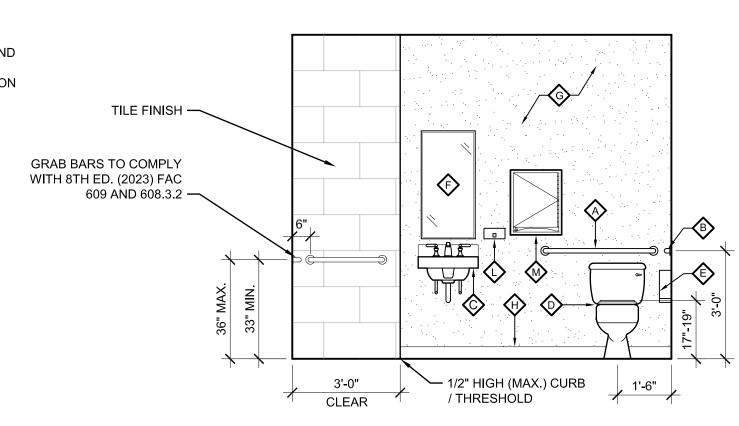
ELEVATION: UNISEX 114 SCALE 3/8" = 1'-0" UNISEX 116 SIM. OPP. HAND



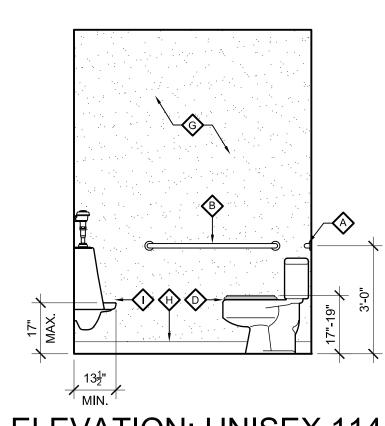
ELEVATION: WOMEN 107 SCALE 3/8" = 1'-0"



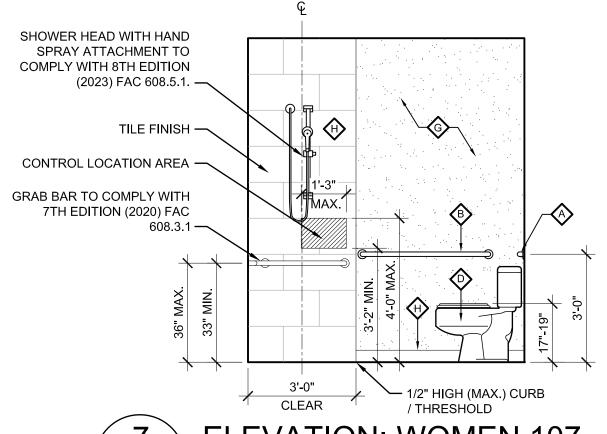
ELEVATION: MEN 106 SCALE 3/8" = 1'-0"



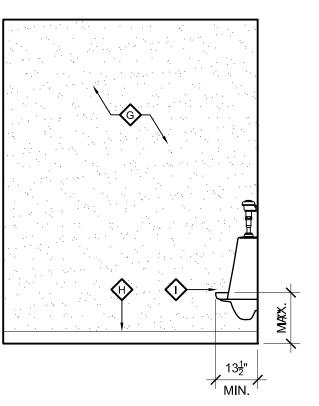
ELEVATION: MEN 106 SCALE 3/8" = 1'-0"



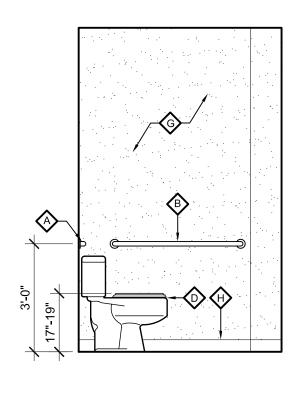
ELEVATION: UNISEX 114 A6.1 SCALE 3/8" = 1'-0" UNISEX 116 SIM. OPP. HAND



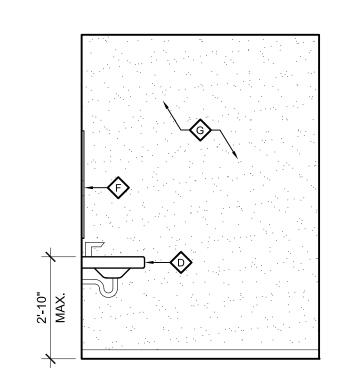
ELEVATION: WOMEN 107 SCALE 3/8" = 1'-0"



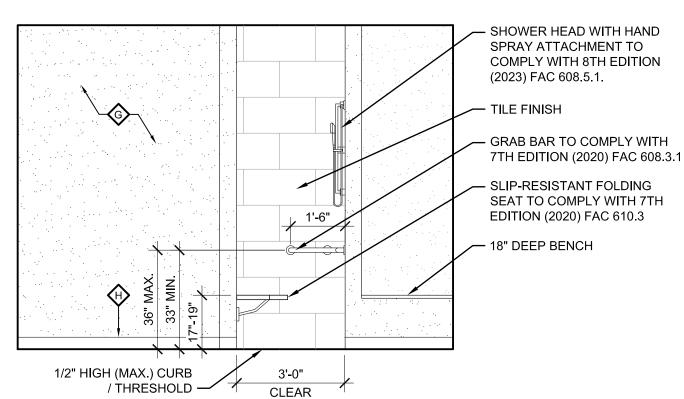
ELEVATION: MEN 106 SCALE 3/8" = 1'-0"



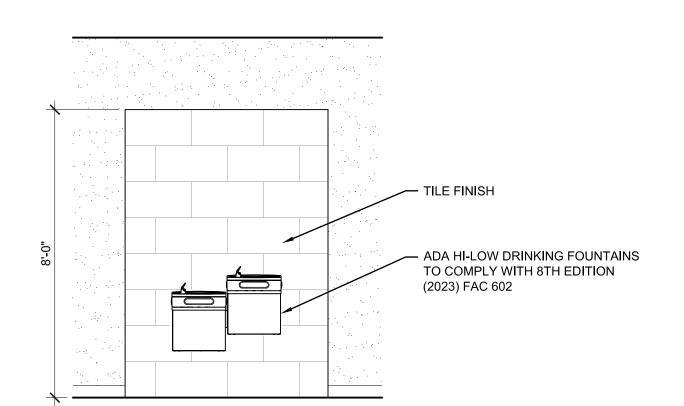
ELEVATION: MEN 106 SCALE 3/8" = 1'-0"



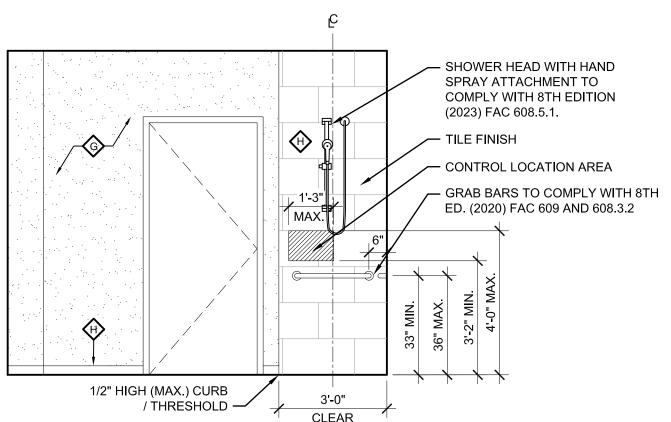
ELEVATION: UNISEX 114 SCALE 3/8" = 1'-0" UNISEX 116 SIM. OPP. HAND



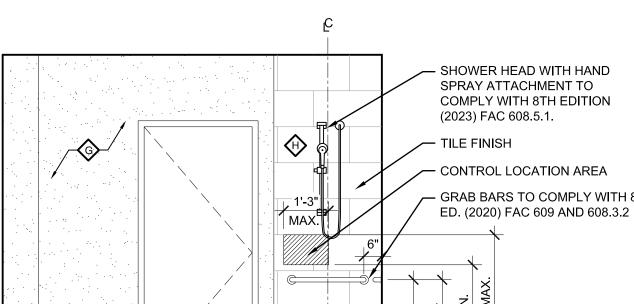
ELEVATION: WOMEN 107 SCALE 3/8" = 1'-0"

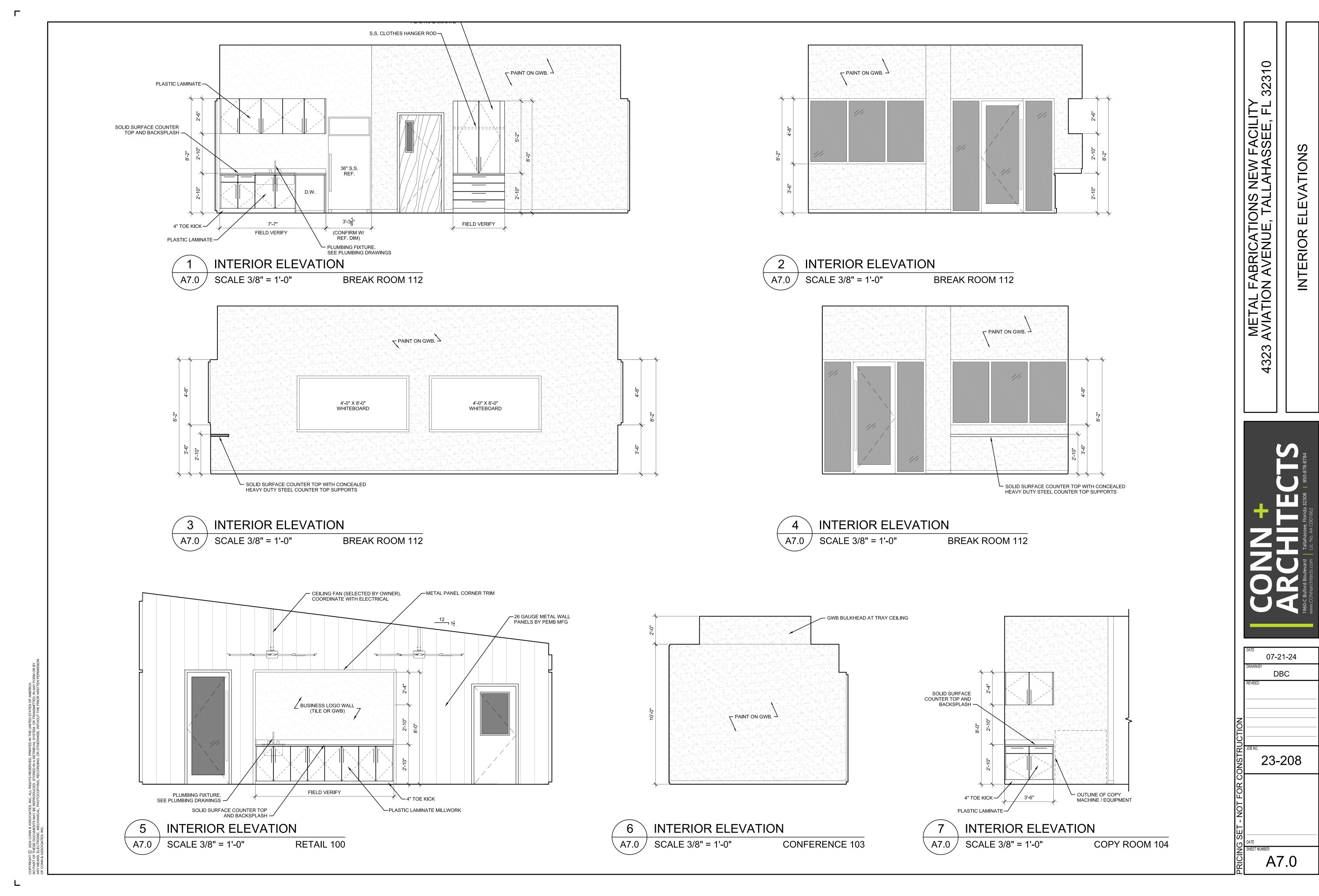


ELEVATION: DRINKING FOUNTAINS SCALE 3/8" = 1'-0"



ELEVATION: MEN 106 SCALE 3/8" = 1'-0"





Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

Fire-resistance Ratings - ANSI/UL 263

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States Design Criteria and Allowable Variances

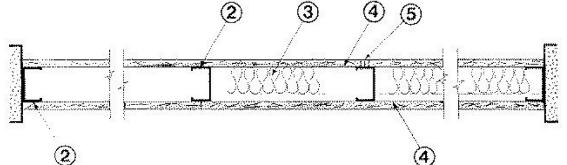
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

Design Criteria and Allowable Variances

Design No. **U465**

May 25, 2022

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.

1A. Framing Members* — Floor and Ceiling Runners — (Not Shown) — As an alternate to Item 1 — Channel shaped, min 3-5/8 in. deep, attached to floor and ceiling with fasteners 24 in. OC. max. **ALLSTEEL & GYPSUM PRODUCTS INC** — Type SUPREME D24/30EQD and Type SUPREME D20

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME D24/30EQD and Type SUPREME D20

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D24/30EQD and Type SUPREME D20

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D24/30EQD and Type SUPREME D20

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D24/30EQD and Type SUPREME D20

TELLING INDUSTRIES L L C — Type SUPREME D24/30EQD and Type SUPREME D20 **UNITED METAL PRODUCTS INC** — Type SUPREME D24/30EQD and Type SUPREME D20

1B. Framing Members* — Floor and Ceiling Runners — Not Shown — In lieu of Item 1 — For use with Item 2B, proprietary channel shaped runners, 1-1/4 in. wide by min 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™ Track MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track

IMPERIAL MANUFACTURING GROUP INC — Viper20™ Track

1C. Floor and Ceiling Runners — (Not Shown) — For use with Item 2C — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, min depth to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners spaced max 24 in. OC.

1D. Framing Members* — Floor and Ceiling Runners — Not Shown — In lieu of Items 1 through 1C — For use with Item 2D and 4G only, proprietary channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max. **CLARKDIETRICH BUILDING SYSTEMS** — CD ProTRAK

DMFCWBS L L C — ProTRAK

MBA METAL FRAMING — ProTRAK

RAM SALES L L C — Ram ProTRAK STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProTRAK

1E. Framing Members* — Floor and Ceiling Runners — Not Shown — In lieu of Items 1 through 1D — For use with Item 2E and 4I only, proprietary channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max. TELLING INDUSTRIES L L C — TRUE-TRACK™

1F. Framing Members* — Floor and Ceiling Runners — Not Shown — In lieu of Items 1 through 1E — For use with Item 2, channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 25 MSG steel, attached to floor and ceiling with fasteners spaced 24 in. OC max KIRII (HONG KONG) LTD — Type KIRII

1G. Framing Members* — Floor and Ceiling Runners — Not Shown — In lieu of Items 1 through 1F — For use with Item 2, channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide, attached to floor and ceiling with fasteners spaced 24 in. OC STUDCO BUILDING SYSTEMS — CROCSTUD Track

1H. Floor and Ceiling Runners — (Not Shown) — Channel shaped, fabricated from min 0.02 in. galv steel, min width to accommodate stud size, with min 1 in. long legs, for use with studs specified below and fabricated from min 0.02 in. galv steel or thicker, attached to floor and ceiling with fasteners spaced max 24 in. OC. MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track VT100

IMPERIAL MANUFACTURING GROUP INC — Viper20™ Track VT100

11. **Framing Members*** — **Floor and Ceiling Runners** — Not Shown — In lieu of Item 1 — For use with Item 2H, proprietary channel shaped runners, 1-1/4 in. wide by min 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel, attached to floor

and ceiling with fasteners spaced 24 in. OC max. MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track

1J. Framing Members* — Floor and Ceiling Runners — Not Shown — In lieu of Items 1 — For use with Item 2 L, proprietary channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max. RESCUE METAL FRAMING, L L C — AlphaTRAK

1K. Framing Members* — Floor and Ceiling Runners — Not Shown — In lieu of Item 1 — For use with Item 2M, proprietary channel shaped runners, 1-1/4 in. wide by min 3-5/8 in. deep, fabricated from min 25 MSG (0.018 in. min. bare metal thickness), attached to floor and ceiling with fasteners spaced 24 in. OC max. CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper X Track

1L. Framing Members* — Floor and Ceiling Runners — Not Shown — In lieu of Item 1 — For use with Item 2N, proprietary channel shaped runners, 1-1/4 in. wide by min 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max. CRACO MFG INC — SmartTrack20™

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.

2A. Framing Members* — Steel Studs — As an alternate to Item 2 — Channel shaped studs, min 3-5/8 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height. ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D24/30FQD and Type SUPREME D20

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME D24/30EQD and Type SUPREME D20

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D24/30EQD and Type SUPREME D20

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D24/30EQD and Type SUPREME D20

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D24/30EQD and Type SUPREME D20

TELLING INDUSTRIES L L C — Type SUPREME D24/30EQD and Type SUPREME D20 **UNITED METAL PRODUCTS INC** — Type SUPREME D24/30EQD and Type SUPREME D20

2B. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — For use with Item 1B, proprietary channel shaped steel studs, 1-1/4 in. wide by min 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel. Studs cut 3/4 in. less in length than assembly height.

CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™ CRACO MFG INC — SmartStud20™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™

IMPERIAL MANUFACTURING GROUP INC — Viper20™

2C. Steel Studs — (As an alternate to Item 2, For use with Item 1C) — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, 3-1/2 in. min depth, spaced a max of 16 in. OC. Studs friction-fit into floor and ceiling runners. Studs to be cut 5/8 to 3/4 in. less than assembly height. See materials in Item(s) 4 that require Item 2C studs.

2D. Framing Members* — Steel Studs — As an alternate to Items 2 through 2C — For use with Item 1D and 4G only, channel shaped studs, min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, spaced a max of 24 in. OC. Studs to be cut 1/2 in. less than assembly height. **CLARKDIETRICH BUILDING SYSTEMS** — CD ProSTUD

DMFCWBS L L C — ProSTUD

MBA METAL FRAMING — ProSTUD RAM SALES L L C — Ram ProSTUD

STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProSTUD

2E. Framing Members* — Steel Studs — As an alternate to Items 2 through 2D — For use with Item 1E and 4I only, channel shaped studs, min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, spaced a max of 24 in. OC. Studs to be cut 1/2 in, less than assembly height. TELLING INDUSTRIES L L C — TRUE-STUD™

2F. Framing Members* — Steel Studs — As an alternate to Items 2 through 2E — For use with Item 1F, channel shaped studs, min 3-5/8 in. wide fabricated from min 25 MSG steel, spaced a max of 24 in. OC. Studs to be cut 1/2 in. less than KIRII (HONG KONG) LTD — Type KIRII

2G. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 through 2F — For use with Item 1G. Proprietary channel shaped studs, minimum 3-5/8 in. wide, Studs to be cut 1/2 in. less than the assembly height. STUDCO BUILDING SYSTEMS — CROCSTUD

2H. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — For use with Item 1I, proprietary channel shaped steel studs, 1-1/4 in. wide by min 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel. Studs cut 3/4 in. less in length than assembly height. MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™

2I. Framing Members* — Steel Studs — In lieu of Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, 3-5/8 in. deep (min), spaced 24 in. OC max. Studs to be cut 3/4 in. less than assembly **EB METAL INC** — NITROSTUD

2J. Framing Members* — Steel Studs — In lieu of Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, 3-5/8 in. deep (min), spaced 24 in. OC max. Studs to be cut 3/4 in. less than assembly **OLMAR SUPPLY INC** — PRIMESTUD

2K. Framing Members* — Steel Studs — As an alternate to Item 2 — For use with Item 1B (3-5/8 in. wide track), channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, 1-1/4 in. wide by 3-5/8 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height. MARINO/WARE, DIV OF WARE INDUSTRIES INC — StudRite™

2L. Framing Members* — Steel Studs — As an alternate to Items 2 — For use with Item 1J, channel shaped studs, min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height. **RESCUE METAL FRAMING, L L C** — AlphaSTUD

2M. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — For use with Item 1K, proprietary channel shaped steel studs, min 1-1/4 in. wide by min 3-5/8 in. deep, fabricated from min 25 MSG (0.018 in. min. bare metal thickness). Studs cut 3/4 in. less in length than assembly height. CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper X

2N. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — For use with Item 1L, proprietary channel shaped steel studs, 1-1/4 in. wide by min 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel. Studs cut 3/4 in. less in length than assembly height. CRACO MFG INC — SmartStud20™

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

U S GREENFIBER L L C — INS735, INS745, INS750LD for use with wet or dry application. INS765LD and INS773LD are to be used for dry application only

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

3C. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 3) — Spray applied cellulose fiber. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. The minimum dry density shall be 4.30 lbs/ft³. INTERNATIONAL CELLULOSE CORP — Celbar-RL

3D. Batts and Blankets* — For use with Item 8. Nom 3 in. thick, minimum 3.4 pcf mineral wool batts, friction fit between the studs and floor and ceiling runners. See Batts and Blankets (BZJZ) category for names of manufacturers.

3E. Batts and Blankets* — For use with Item 4R and 4S. Placed in stud cavities, any min. 3-1/2 in. thick glass fiber insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. See Batts and Blankets (BKNV or BZJZ) Categories for names of Classified companies.

3F. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 3) — 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. To facilitate the installation of the material, any thin, woven or non-woven netting may be attached by any means possible to the outer face the studs. The material shall reach equilibrium moisture content before the installation of materials on either face of the studs. The minimum dry density shall be 5.79 lbs/ft³. **APPLEGATE HOLDINGS L L C** — Applegate Advanced Stabilized Cellulose Insulation

3G. Foamed Plastic* — As an alternate to Batts and Blankets (Item 3), for use with Item 4U — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity. When foamed plastic is used, minimum stud depth shall be 3-1/2 in. CARLISLE SPRAY FOAM INSULATION — Types SealTite Pro Closed Cell (CC), SealTite Pro Open Cell (OC), SealTite Pro OCX, Sea No Trim 21, SealTite Pro One Zero, Foamsulate Closed Cell, Foamsulate OCX, Foamsulate 70, and Foamsulate HFO.

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, LightRoc

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

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, 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

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)

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

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, 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

4C. Gypsum Board* — As an alternate to Items 4, 4A, and 4B — Nom. 5/8 in. thick gypsum panels, with square edges, applied horizontally. Gypsum panels fastened to framing with 1 in. long bugle head steel screws spaced a max 8 in. OC, with last 2 screws 3/4 in. and 4 in. from each edge of board. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs on interior walls need not be staggered or backed by steel **GEORGIA-PACIFIC GYPSUM L L C** — Type DGG, GreenGlass Type X

4D. **Gypsum Board*** — As an alternate to Items 4, 4A, 4B, and 4C — Nom. 5/8 in. thick gypsum panels 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. Gypsum panels fastened to framing with 1 in. long Type S steel screws 12 in. OC along vertical edges and in the field. Screws spaced a max 12 in. along the top and bottom edges of the wall for both vertical and horizontal applications. When used in widths other than 48 in., gypsum panels to be installed horizontally. NATIONAL GYPSUM CO — Types eXP-C, FSK, FSK-C, FSK-G, FSL, FSW-C, FSW-G, FSW-3, FSW-5, FSW-6, FSMR-C

4E. Gypsum Board* — (As an alternate to Items 4 through 4D) — Installed as described in Item 4. 5/8 in. thick, 4 ft. wide, applied vertically only and fastened to the studs and plates with 1 in. long, Type S steel screws spaced, 12 in. OC. NATIONAL GYPSUM CO — Type SBWB

4F. Gypsum Board* — (Not Shown) — (As an alternate to Item 4 when used as the base layer on one or both sides of wall. For direct attachment only to steel studs Item 2C) - 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. Gypsum board secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC **RAY-BAR ENGINEERING CORP** — Type RB-LBG

4G. Gypsum Board* — (As an alternate to Items 4 through 4F) — For use with Items 1D and 2D only, 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 using ULIX, panels need not be staggered in horizontal applications and screw spacing can be increased to 12 in. OC in field

CGC INC — Type SCX, ULIX **CERTAINTEED GYPSUM INC** — Type LGFC6A, LGFC-C/A NATIONAL GYPSUM CO — Types FSW

UNITED STATES GYPSUM CO — Type SCX, ULIX

USG BORAL DRYWALL SFZ LLC — Type SCX

4H. Gypsum Board* — (As an alternate to Items 4 through 4G) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically and secured as described in Item 4. PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock ES

4I. **Gypsum Board*** — (As an alternate to Items 4 through 4F) — 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 using ULIX, panels need not be staggered in horizontal applications and screw spacing can be increased to 12 in. OC in field and perimeter. 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. **CGC INC** — Types SCX, ULIX

UNITED STATES GYPSUM CO — Types SCX, ULIX

USG BORAL DRYWALL SFZ LLC — Type SCX

4J. Gypsum Board* — (Not Shown) — (As an alternate to Item 4 when used as the base layer on one or both sides of wall. For direct attachment only to steel studs Item 2C) — 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. Gypsum board 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. To be used with Lead Batten Strips (see Item 9A) or Lead Discs (see Item 10A). MAYCO INDUSTRIES INC — Type X-Ray Shielded Gypsum

4K. Gypsum Board* — (As an alternate to Item 4 and 4A, not for use with Items 1D, 1E, 2D and 2E) — Nom. 5/8 in. thick gypsum panels with beveled, square or tapered edges installed as described in Item 4 and 4A. CGC INC — Type ULX

UNITED STATES GYPSUM CO — Type ULX

USG MEXICO S A DE C V — Type ULX

4L. Gypsum Board* — (Not Shown) — (As an alternate to Item 4 when used as the base layer on one or both sides of wall. For direct attachment only to steel studs Item 2C). 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 gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and 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 discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall

4M. Gypsum Board* — (For use with Item 8) — 5/8 in. thick, 4 ft wide, applied vertically over Mineral and Fiber Board (Item 8) with vertical joints located anywhere over stud cavities. Secured to mineral and fiber boards with 1-1/2 in. Type G Screws spaced 8 in. OC along edges of each vertical joint and 12 in. OC in intermediate field of the Mineral and Fiber Board (Item 8). Secured to outermost studs and floor and ceiling runners with 2 in. long Type S screws spaced 8 in. OC. Gypsum Board joints covered with paper tape and joint compound. Screw heads covered with joint compound. AMERICAN GYPSUM CO — Type AG-C

CERTAINTEED GYPSUM INC — Type C **CGC INC** — Types C, IP-X2, IPC-AR

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

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type PG-C PANEL REY S A — Types PRC, PRC2

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 C

UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR, ULIX **USG BORAL DRYWALL SFZ LLC** — Type C

USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR

METAL FA AVIATION 7 3

3

2

3

EMBLIE

DBC 23-208

A8.0

07-21-24

4N. Wall and Partition Facings and Accessories* — (As an alternate to Item 4) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically and secured as described in Item 4.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 527

4O. **Gypsum Board*** — As an alternate to Items 4, 4A, 4B, and 4C — Two layers Nom. 5/16 in. thick gypsum panels applied vertically or horizontally. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Horizontal joints on the same side need not be staggered. When applied horizontally, both layers of gypsum board fastened to each side of framing with 1 in. long Type S steel screws spaced 8 in. OC and staggered 4 in. OC between layers. When applied vertically, both layers of gypsum board fastened to each side of framing with 1 in. long Type S steel screws spaced 8 in. OC along vertical edges and 12 in. OC in the field, staggered 4 in. OC between layers. Screws spaced a max 12 in. along the top and bottom edges of the wall. NATIONAL GYPSUM CO — Type FSW

4P. Gypsum Board* — As an alternate to Item 4. Nom 5/8 in. thick, 4 ft wide, 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 runners with 1 in. long Type S steel screws spaced 12 in. OC when applied horizontally or vertically. When used in widths other than 48 in., gypsum panels to be installed CGC INC — Type ULIX

UNITED STATES GYPSUM CO — Types ULIX

4Q. **Gypsum Board*** — 3/4 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track as described in Item 4 with screw length increased to min. 1- 1/8 in. PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type PG-13

4R. **Gypsum Board*** — As an alternate to Item 4D. For use with Item 3E, **Batts and Blankets*** — 5/8 in. thick, 4 ft wide, installed as described in Item 4. NATIONAL GYPSUM CO — Type FSLX.

4S. Gypsum Board* — As an alternate to Item 4. For use with Item 3E, Batts and Blankets* — 5/8 in. thick, 4 ft wide, installed as described in Item 4A. **CERTAINTEED GYPSUM INC** — Type CLLX.

4T. Wall and Partition Facings and Accessories* — (As an alternate to 5/8 in. thick board as outlined in Item 4) — Nominal 1-3/8 in. thick, 4 ft wide panels, applied vertically or horizontally. Fastened with #6 x 2 in. long drywall screws spaced 8 in. OC along the perimeter and 12 in. OC in the field. PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 545

4U. Gypsum Board*— (As an alternate to Item 4 when Foam Plastic insulation Item 3G is used) — Any 5/8 in. thick, 4 ft. wide, Gypsum Board listed in Item 4 above. Applied vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Gypsum panels secured to studs with 1 in. long Type S steel screws spaced 8 in. OC at perimeter and in the field. For 2 layer

assemblies outer layer will be attached to studs over inner layer with the 1-5/8 in. long steel screws spaced 8 in. OC.

4V. **Gypsum Board*** — (As an alternate to Item 4, for 1 hr. rating) — Nom. 5/8 in. thick gypsum panels applied vertically or horizontally. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Gypsum panels fastened to framing with 1 in. long Type S steel screws 12 in. OC along vertical edges and in the field. Screws spaced a max 12 in. along the top and bottom edges of the wall for both vertical and horizontal applications.

CERTAINTEED GYPSUM INC — Type X-1, SilentFX, GlasRoc, Type C

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

6A. Steel Framing Members* — (Optional, Not Shown, As an alternate to Item 6) — Furring channels and Steel Framing

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 PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-1 (2.75)

6B. Framing Members* — (Optional on one or both sides, Not Shown, As an alternate to Item 6) — Furring channel and Steel Framing Members as described below:

a. Furring Channels — Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular

to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item

b. Steel Framing Members* — Used to attach furring channels (Item 6Ba) to studs (Item 2). Clips spaced max. 48 in. OC. GENIECLIPS secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips.

6C. 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. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 4. Not for use with Items 4F, 4J, or 4L.

b. Steel Framing Members* — Used to attach furring channels (Item 6Ca) to studs. Clips spaced 48 in. OC., and secured to studs with 2 in. coarse drywall screw with 1 in. diam washer through the center hole. Furring channels are friction fitted into

STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237R

4. Not for use with Items 4F, 4J, or 4L.

PLITEQ INC — Type Genie Clip

6D. 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. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item 6Db. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 4. Not for use with Items 4F, 4J,

b. Steel Framing Members* — UUsed to attach furring channels (Item 6Da) to studs. Clips spaced 48 in. OC, and secured to studs with No.8 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips. **REGUPOL AMERICA** — Type SonusClip

6E. Steel Framing Members* — (Optional, Not Shown As an alternate to Item 6) — Resilient channels and Steel Framing Members as described below:

a. **Resilient Channels** — Formed of No. 25 MSG galv steel, spaced 24 in. OC, and perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured in place with two No. 8 15 x 1/2 in. Philips Modified Truss screws spaced 2-1/2 in. from the center of the overlap. Gypsum board attached to resilient channels as described in Item 4. Not for use with Items 4F, 4J, or 4L.

b. Steel Framing Members* — Used to attach resilient channels (Item 6Ea) to studs. Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Resilient channels are secured to clips with one No. 10 x 1/2 in pan-head self-drilling screw

KEENE BUILDING PRODUCTS CO INC — Type RC+ Assurance Clip

6F 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. 2-23/32 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 #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 4.

b Steel Framing Members* — Used to attach furring channels (Item 6Fa) to studs. Clips spaced maximum 48 in. OC. Clips secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted

CLARKDIETRICH BUILDING SYSTEMS — Type ClarkDietrich Sound Clip

6F. Steel Framing Members* — (Optional, Not Shown) — Furring channels and Steel Framing Members as described below: a. Furring Channels — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 4. Not for use with Items 4F, 4J,

b. Steel Framing Members* — Used to attach furring channels (Item 6Fa) to studs. Clips spaced 48 in. OC., and secured to studs with No. 10 x 2 in. screw through the center hole. Furring channels are friction fit into clips. MASON INDUSTRIES INC — Type CWC-50

7. Wall and Partition Facings and Accessories* — (Optional, Not Shown) — Nominal 1/2 in. thick, 4 ft wide panels, for optional use as an additional layer on one or both sides of the assembly. Panels attached in accordance with manufacturer's recommendations. When the QR-500 or QR-510 panel is installed between the steel framing and the UL Classified gypsum board, the required UL Classified gypsum board layer(s) is/are to be installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board. PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock QR-500 and QR-510

8. Mineral and Fiber Board* — (Optional, Not Shown) — For optional use as an additional layer on one side of wall. Nom 1/2 in. thick, 4 ft wide with long dimension parallel and centered over studs. Attached to studs and floor and ceiling runners with 1-5/8 in. long Type S steel screws, spaced 12 in. OC and 24 in. OC along all intermediate framing. The required UL Classified gypsum board layer (Item 4M) is to be installed over the Mineral and Fiber Boards. Batts and Blankets, Item 3D, and Adhesive, Item 11, are required **HOMASOTE CO** — Homasote Type 440-32

8A. Mineral and Fiber Board — (Optional, Not Shown) — For optional use as an additional layer on one side of wall - Nom 1/2 in. thick, 4 ft wide, square edge fiber boards applied vertically to studs on one side of the wall in between the wood studs and the UL Classified Gypsum Board (Item 4). Fiber boards installed with 1-1/4 in. long, Type S steel screws spaced 12 in. OC max, with the last screws spaced 2 in. and 6 in. from edge of board. Gypsum board (Item 4) installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board. Not evaluated for use with Item 4M. BLUE RIDGE FIBERBOARD INC — SoundStop

8B. Mineral and Fiber Board* — (Optional, Not Shown) — For optional use as an additional layer on one side of wall. Nom 1/2 in. thick, 4 ft wide with long dimension parallel and centered over studs. Attached to studs and floor and ceiling runners with 1-5/8 in. long Type S steel screws, spaced 12 in. OC and 24 in. OC along all intermediate framing. The required UL Classified gypsum board layer is to be installed over the Mineral and Fiber Boards and secured to studs with length of fasteners increased by 1/2 in. over the length specified for installation of the gypsum boards. Batts and Blankets, Item 3, are optional unless otherwise required. Not for use with Items 4F, 4J, 4L, and 4M. **HOMASOTE CO** — Homasote Type 440-32

9. Lead Batten Strips — (Not Shown, For Use With Item 4E) — Lead batten 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". Lead batten strips required behind vertical joints of lead backed gypsum board (Item 4E) and optional at remaining stud locations. Required behind vertical joints.

9A. Lead Batten Strips — (Not Shown, for use with Item 4J) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.140 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.5% meeting the Federal specification QQ-L-201f, Grades "B, C or D". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 4J) and optional at remaining stud locations.

10. Lead Discs or Tabs — (Not Shown, For Use With Item 4E) — Used in lieu of or in addition to the lead batten strips (Item 8) 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 4E) 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".

10A. Lead Discs — (Not Shown, for use with Item 4J) — Max 5/16 in. diam by max 0.140 in. thick lead discs compression fitted or adhered over steel screw heads. Lead discs to have a purity of 99.5% meeting the Federal Specification QQ-L-201f, Grades "B, C or D".

11. **Adhesive** — Not Shown — (For use with Item 8) — Construction grade adhesive applied in vertical, serpentine, nominal 3/8 in. wide beads down the length of both vertical edges of Mineral and Fiber Board (Item 8).

12. Wall and Partition Facings and Accessories* — (CLBV) (Optional, Not Shown) — For use with Items 1 to 1I, Items 2 to 2J, Item 3, Items 4 to 4I, Item 5 and Item 6. For maximum fire rating of 1 hour. On one side of the wall, over the first layer of Gypsum Board (Item 4 to Item 4I), install RefleXor membrane with the gold side facing outwards. Membrane installed with T50 staples spaced 12 inches on center in both directions as per manufacturer's instructions, seams in membrane to be overlapped by 2 inches. When RefleXor membrane is used an additional layer of Gypsum Board that is identical to the one used in the first layer and as specified in Item 4 to Item 4I shall be installed over the membrane. The additional layer of Gypsum Board to be installed through the membrane to the stud as specified in Item 4 to Item 4I except the fastener length shall be increased by a minimum of 5/8 inch. Install Batts and Blankets in the stud cavity as per Item 3.

On the other side of the wall, prior to the installation of the Gypsum Board, install Resilient Channels as per Item 6. Over the Resilient Channels install 3/4 inch thick SONOpan panel secured to the Resilient Channels with min. 1-1/4 in. long drywall screws and washers spaced at 16 in. OC on the perimeter of the panel and 8 in. OC in the field of the panel. Over the SONOpan panel install the same Gypsum Board as specified in Item 4 to Item 4I with the fastener length increased by minimum 3/4 inch. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.

Alternately, on the other side of the wall prior to the installation of the Gypsum Board, install 3/4 in. thick SONOpan panels, secured to one side of studs either horizontally or vertically. Panels secured to each stud with min. 1-1/4 in. long drywall screws spaced 12 in. OC. Over the SONOpan, install 25 MSG galv steel, Resilient Channels, spaced vertically 24 in. OC. Resilient Channels fastened through panels to each stud with min. 2 in. long drywall screws or self-tapping screws. Over the Resilient Channels install Gypsum Board as specified in Item 4 to Item 4I with the specified drywall screws. Panels not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.

MSL — RefleXor membrane, SONOpan panel

13. Barrier Mesh — (Optional, Not Shown) - Attached to steel study on one or both sides of the wall using Barrier Mesh Clips spaced at maximum 12 inches on center vertically, using a flat head type screw penetrating through the steel at least 3/8 of an inch. For Steel Studs less than 0.033 inches in thickness, use self-piercing screws. For Steel Studs equal to or greater than 0.033 inches in thickness, use steel drill screws (self-tapping). Gypsum Board (Item 4) to be installed directly over the Barrier Mesh using prescribed screw patterns with lengths increased by a minimum 1/8 in. Barrier Mesh may be installed with the long dimension of the diamond pattern positioned vertically or horizontally. Barrier Mesh joints may occur as butt joints at the framing members and secured using the Barrier Mesh Clips or occur in between framing members as overlapping joints secured using 18 SWG wire ties spaced a maximum 12 in. on center. **CLARKDIETRICH BUILDING SYSTEMS** — Barrier Mesh, Barrier Mesh Clips

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

Last Updated on 2022-05-25

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2022 UL LLC"

 $\overline{}$

3

7

3

NEW LAHA

7 3

EMBLIE

07-21-24 23-208

UL DESIGN NO. U465 (CONTINUED)

(A8.1) 1-HOUR RATED WALL ASSEMBLY

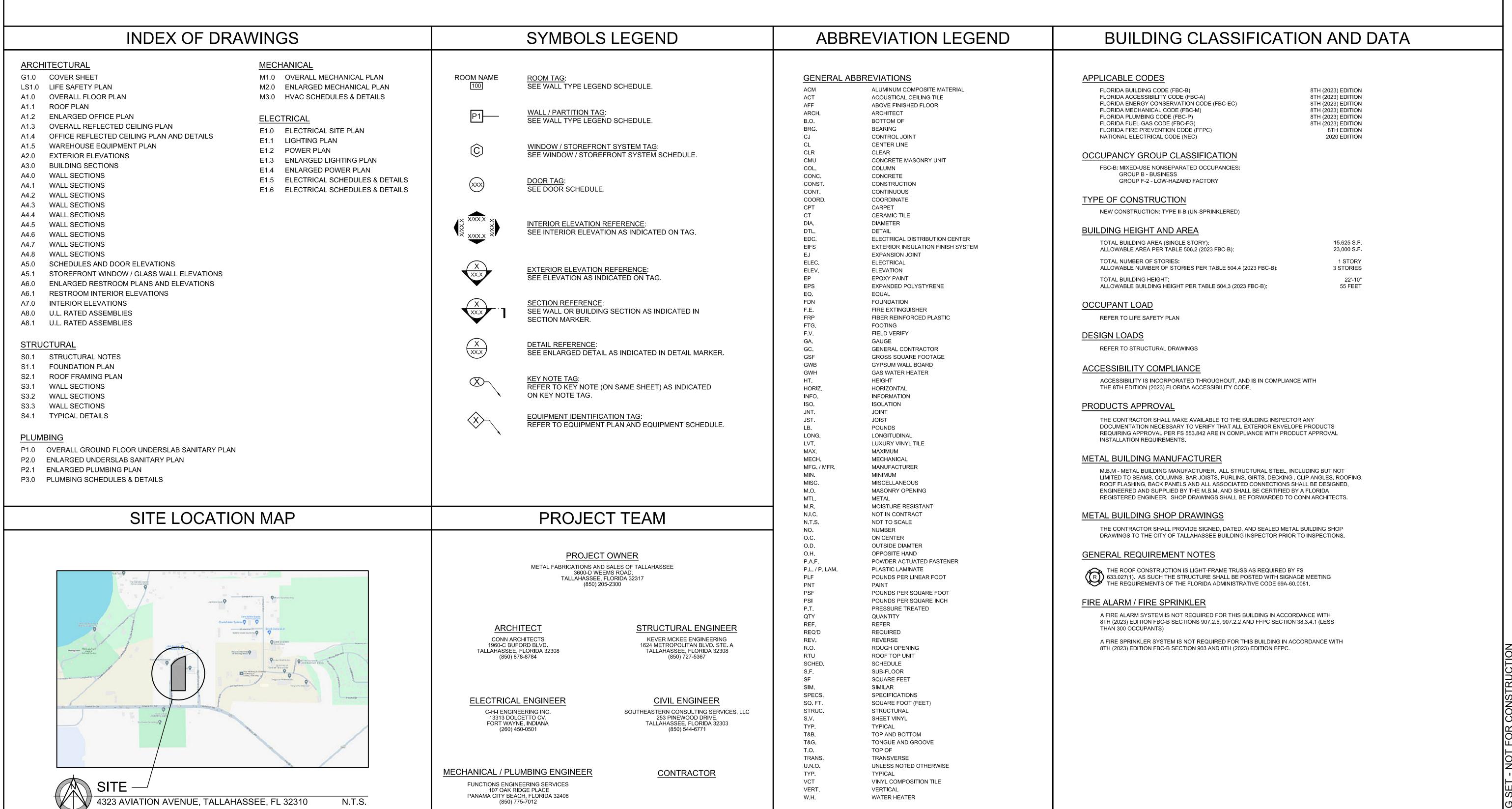
3

2

07-21-24

METAL FABRICATIONS NEW FACILITY

4323 AVIATION AVENUE, TALLAHASSEE, FL 32310



2024 CONN & ASSOCIATES, INC. ALL RIGHTS RESERVED. PRINTED IN THE UNITED STATES OF AMERICA. ESE DOCUMENTS MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED, IN ANY FORM OR BY ECTRONIC, MECHANICAL, PHOTOCOPYING, RECORDING, OR OTHERWISE, WITHOUT THE PRIOR WRITTEN PERMISSION

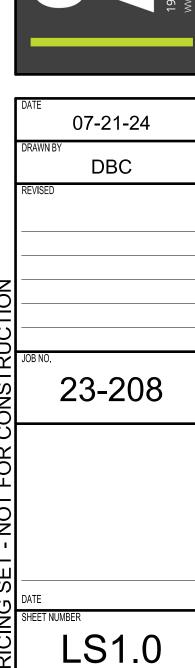
L

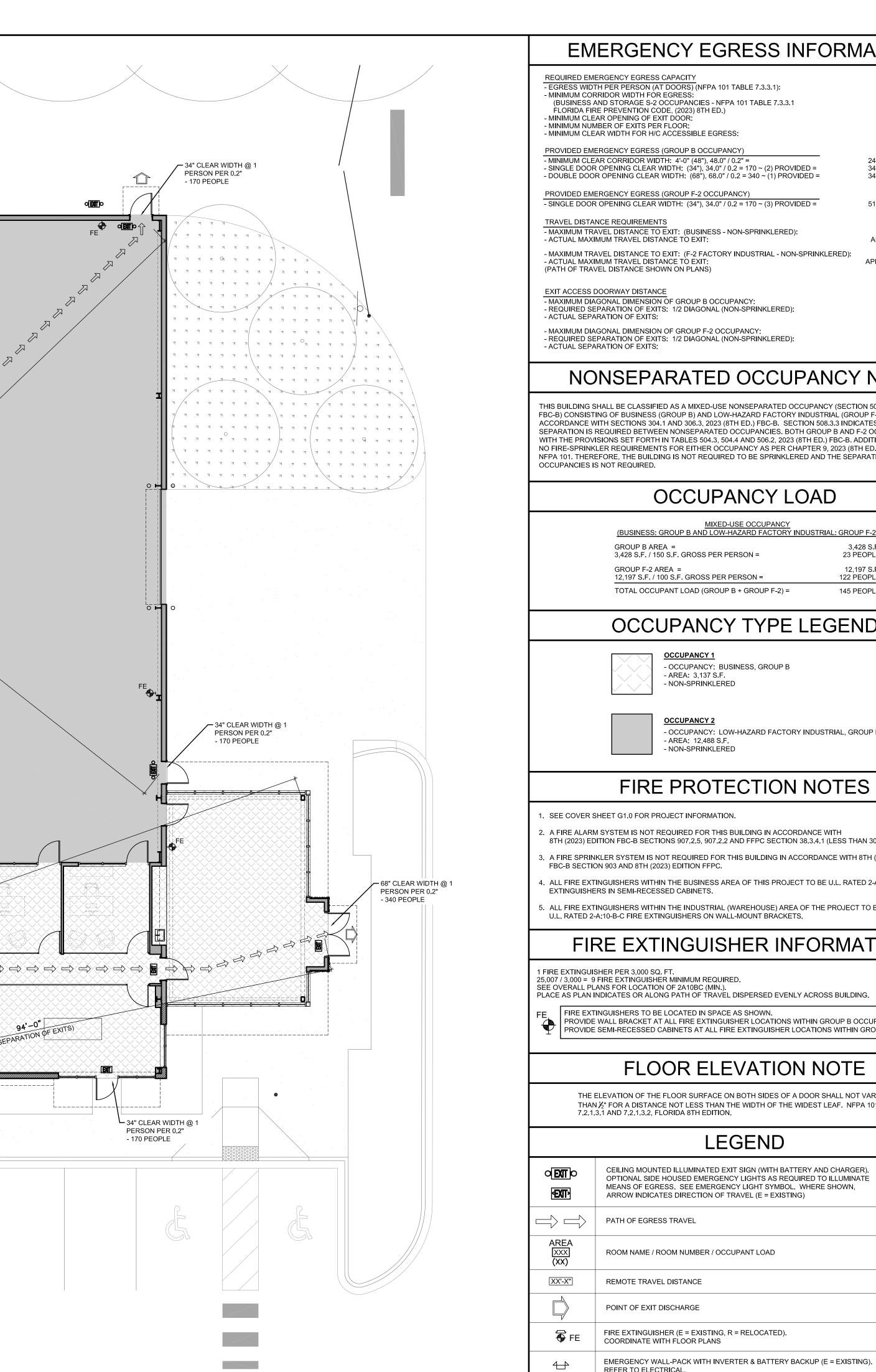
7 3

44 INCHES

34 INCHES 2 EXITS 36 INCHES

510 PERSON CAPACITY





EMERGENCY EGRESS INFORMATION 0.2 INCHES

(BUSINESS AND STORAGE S-2 OCCUPANCIES - NFPA 101 TABLE 7.3.3.1

PROVIDED EMERGENCY EGRESS (GROUP B OCCUPANCY)

- MINIMUM CLEAR CORRIDOR WIDTH: 4'-0" (48"), 48.0" / 0.2" = - SINGLE DOOR OPENING CLEAR WIDTH: (34"), 34.0" / 0.2 = 170 ~ (2) PROVIDED = - DOUBLE DOOR OPENING CLEAR WIDTH: (68"), 68.0" / 0.2 = 340 ~ (1) PROVIDED = 240 PERSON CAPACITY 340 PERSON CAPACITY 340 PERSON CAPACITY

- SINGLE DOOR OPENING CLEAR WIDTH: (34"), 34.0" / 0.2 = 170 ~ (3) PROVIDED =

- MAXIMUM TRAVEL DISTANCE TO EXIT: (BUSINESS - NON-SPRINKLERED): 200 FEET APPROXIMATELY 91-6" - MAXIMUM TRAVEL DISTANCE TO EXIT: (F-2 FACTORY INDUSTRIAL - NON-SPRINKLERED): 300 FEET APPROXIMATELY 186'-0"

- MAXIMUM DIAGONAL DIMENSION OF GROUP B OCCUPANCY:

- REQUIRED SEPARATION OF EXITS: 1/2 DIAGONAL (NON-SPRINKLERED): - MAXIMUM DIAGONAL DIMENSION OF GROUP F-2 OCCUPANCY:

NONSEPARATED OCCUPANCY NOTE

THIS BUILDING SHALL BE CLASSIFIED AS A MIXED-USE NONSEPARATED OCCUPANCY (SECTION 508.3, 2023 (8TH ED.) FBC-B) CONSISTING OF BUSINESS (GROUP B) AND LOW-HAZARD FACTORY INDUSTRIAL (GROUP F-2) AS CLASSIFIED IN ACCORDANCE WITH SECTIONS 304.1 AND 306.3, 2023 (8TH ED.) FBC-B. SECTION 508.3.3 INDICATES THAT NO SEPARATION IS REQUIRED BETWEEN NONSEPARATED OCCUPANCIES. BOTH GROUP B AND F-2 OCCUPANCIES COMPLY WITH THE PROVISIONS SET FORTH IN TABLES 504.3, 504.4 AND 506.2, 2023 (8TH ED.) FBC-B. ADDITIONALLY, THERE ARE NO FIRE-SPRINKLER REQUIREMENTS FOR EITHER OCCUPANCY AS PER CHAPTER 9, 2023 (8TH ED.) FBC-B AND 2024 NFPA 101, THEREFORE. THE BUILDING IS NOT REQUIRED TO BE SPRINKLERED AND THE SEPARATION OF THE TWO

OCCUPANCY LOAD

MIXED-USE OCCUPANCY
(BUSINESS: GROUP B AND LOW-HAZARD FACTORY INDUSTRIAL: GROUP F-2) 3,428 S.F. / 150 S.F. GROSS PER PERSON = 23 PEOPLE 12,197 S.F. 122 PEOPLE GROUP F-2 AREA = 12,197 S.F. / 100 S.F. GROSS PER PERSON = TOTAL OCCUPANT LOAD (GROUP B + GROUP F-2) = 145 PEOPLE

OCCUPANCY TYPE LEGEND

- OCCUPANCY: BUSINESS, GROUP B

- OCCUPANCY: LOW-HAZARD FACTORY INDUSTRIAL, GROUP F-2

FIRE PROTECTION NOTES

2. A FIRE ALARM SYSTEM IS NOT REQUIRED FOR THIS BUILDING IN ACCORDANCE WITH 8TH (2023) EDITION FBC-B SECTIONS 907.2.5, 907.2.2 AND FFPC SECTION 38.3.4.1 (LESS THAN 300 OCCUPANTS)

3. A FIRE SPRINKLER SYSTEM IS NOT REQUIRED FOR THIS BUILDING IN ACCORDANCE WITH 8TH (2023) EDITION FBC-B SECTION 903 AND 8TH (2023) EDITION FFPC.

4. ALL FIRE EXTINGUISHERS WITHIN THE BUSINESS AREA OF THIS PROJECT TO BE U.L. RATED 2-A:10-B-C FIRE EXTINGUISHERS IN SEMI-RECESSED CABINETS.

5. ALL FIRE EXTINGUISHERS WITHIN THE INDUSTRIAL (WAREHOUSE) AREA OF THE PROJECT TO BE

FIRE EXTINGUISHER INFORMATION

FIRE EXTINGUISHERS TO BE LOCATED IN SPACE AS SHOWN. PROVIDE WALL BRACKET AT ALL FIRE EXTINGUISHER LOCATIONS WITHIN GROUP B OCCUPANCY. PROVIDE SEMI-RECESSED CABINETS AT ALL FIRE EXTINGUISHER LOCATIONS WITHIN GROUP F-2 OCCUPANCY.

FLOOR ELEVATION NOTE

THE ELEVATION OF THE FLOOR SURFACE ON BOTH SIDES OF A DOOR SHALL NOT VARY BY MORE THAN $\frac{1}{2}$ " FOR A DISTANCE NOT LESS THAN THE WIDTH OF THE WIDEST LEAF. NFPA 101, SECTION 7.2.1.3.1 AND 7.2.1.3.2, FLORIDA 8TH EDITION.

LEGEND

LEGEND						
	CEILING MOUNTED ILLUMINATED EXIT SIGN (WITH BATTERY AND CHARGER). OPTIONAL SIDE HOUSED EMERGENCY LIGHTS AS REQUIRED TO ILLUMINATE MEANS OF EGRESS. SEE EMERGENCY LIGHT SYMBOL. WHERE SHOWN, ARROW INDICATES DIRECTION OF TRAVEL (E = EXISTING)					
	PATH OF EGRESS TRAVEL					
AREA (XXX) (XX)	ROOM NAME / ROOM NUMBER / OCCUPANT LOAD					
XX'-X"	REMOTE TRAVEL DISTANCE		L			
	POINT OF EXIT DISCHARGE					
₹ FE	FIRE EXTINGUISHER (E = EXISTING, R = RELOCATED). COORDINATE WITH FLOOR PLANS					
4_	EMERGENCY WALL-PACK WITH INVERTER & BATTERY BACKUP (E = EXISTING). REFER TO ELECTRICAL.					

- 34" CLEAR WIDTH @ 1

1 7 7 7 7 7 7 7 7 7 7 7 7 7 7

PERSON PER 0.2" - 170 PEOPLE

LIFE SAFETY PLAN