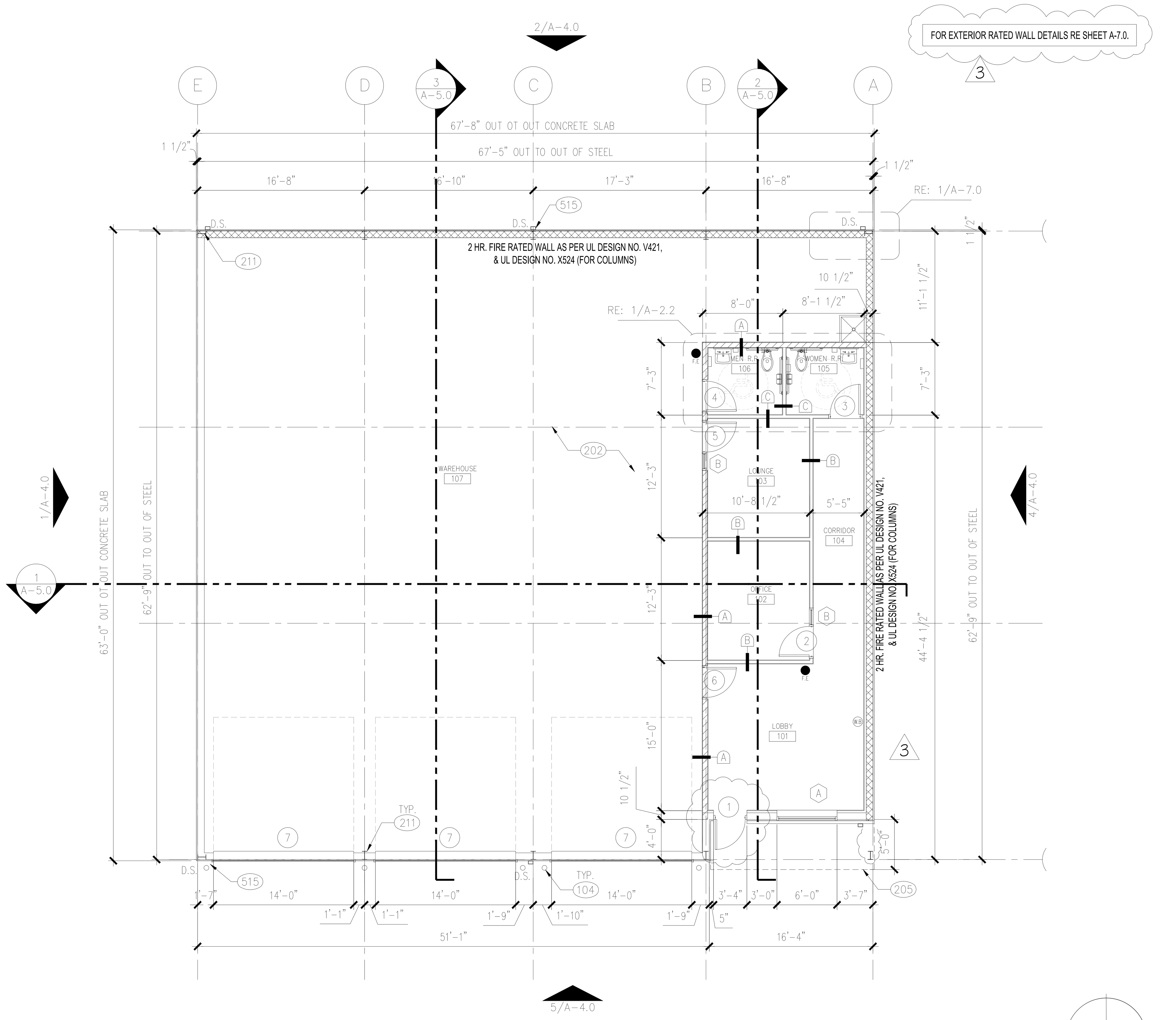


FLOOR PLAN
SCALE: 1/8" = 1'-0" | 5

INTERIOR WALL TYPE SCHEDULE

MARK	PLAN SECTION	DESCRIPTION (NOTE: PARTITIONS TO BE CONSTRUCTED PER UL LISTING SPECIFICATIONS.)
A		DEMISING WALL: 1 LAYERS 5/8 " GYP. BD. EA. SIDE ON 6" 18 GA.. MTL STUDS @ 16 O.C. TO UNDERSIDE OF EXPOSED DECK. PROVIDE FIRESAFFING MATERIAL IN ALL PENETRATIONS & SOUND INSULATION. GYPSUM BOARD USED IN AREAS SUBJECT TO WATER SPLASH SHOULD BE WATER-RESISTANT GYPSUM BOARD OR EQUIVALENT MATERIALS AS REQUIRED.
B		1 LAYER 5/8" GYP. BD. TYPE "X" EA. SIDE 3 5/8" 18 GA. MTL. STUDS @ 16" O.C. GYPSUM BOARD TO BE MINIMUM OF 6" ABOVE SUSPENDED CEILING. BRACE AS REQUIRED. GYPSUM BOARD USED IN AREAS SUBJECT TO WATER SPLASH SHOULD BE WATER-RESISTANT GYPSUM BOARD OR EQUIVALENT MATERIALS AS REQUIRED.
C		1 LAYER 5/8" GYP. BD. TYPE "X" EA. SIDE ON 3 5/8" 18 GA. MTL. STUDS @ 16" O.C. GYPSUM BOARD TO BE MINIMUM OF 6" ABOVE SUSPENDED CEILING. BRACE AS REQUIRED. RESTROOM WALLS TO HAVE R-13 SOUND INSULATION. GYPSUM BOARD USED IN AREAS SUBJECT TO WATER SPLASH SHOULD BE WATER-RESISTANT GYPSUM BOARD OR EQUIVALENT MATERIALS AS REQUIRED.

City of Houston Texas
20116295
REVIEWED FOR COMPLIANCE
Performance of this review does not relieve the applicant from full responsibility to comply with all applicable codes, ordinances and regulations 01/05/21

GENERAL NOTES

1. HEIGHT OF ALL WALLS ARE MEASURED FROM FINISH SLAB.
2. WALL WIDTH DOES NOT INCLUDE FINISH.
3. HOLD METAL STUDS FOR FULL HEIGHT WALLS 1/2" SHORT OF EXIST. CEILING DECK TO ALLOW MOVEMENT. PROVIDE CROSS BRACING FOR STABILITY.
4. NOT USED
5. BRACE STUDS ABOVE CEILINGS AS REQUIRED, TO PROVDE RIGID WALLS THROUGHOUT.
6. ALL METAL STUDS ARE 20 GAUGE AND SET @ 16" O.C. UNLESS NOTED OTHERWISE, SECURE BASE RUNNERS WITH DRIVE PINS @ 16" O.C,
7. ALL GYP. WALLBOARD SHALL BE 5/8" TYPE 'X" FIRE CODE GYP. DRYWALL WITH TAPERED EDGES. SCREW ATTACHED, TAPED, MUDDED, AND SANDED SMOOTH, UNLESS NOTED OTHERWISE.
8. COMPLY WITH "PARTITION LATERAL BRACING SCHEDULE" ON THIS SHEET.

LATERAL BRACING SCHEDULE

PARTITION LENGTH MINIMUM	PARTITION LENGTH MAXIMUM	NUMBER OF BRACES REQUIRED
0'-0"	12'-0"	0
12'-0"	18'-0"	1
18'-0"	24'-0"	2
24'-0"	30'-0"	3

ADD ONE BRACE PER EACH ADDITIONAL 6'-0" OF PARTITION LENGTH,

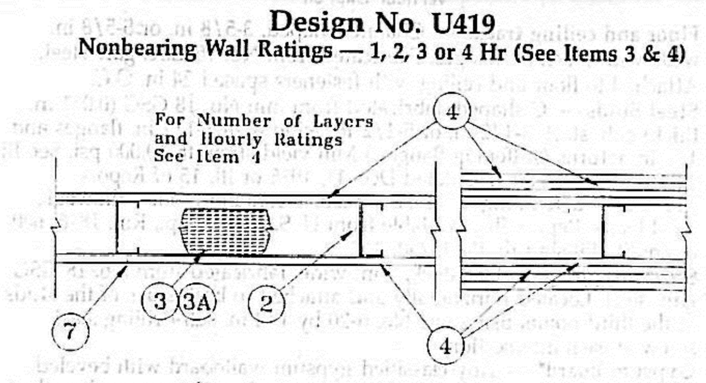
PARTITION LENGTH BETWEEN LATERAL SUPPORT PROVIDED BY LATERAL SUPPORT OR INTERSECTING PERPENDICULAR PARTITIONS.

PROVIDE LATERAL BRACING AT UNSUPPORTED PARTITION ENDS.

PROVIDE LATERAL BRACING FOR ALL PARTITIONS WHICH DO NOT EXTEND TO STRUCTURE.

WALL TYPE SCHEDULE
3

Design No. U419
Nonbearing Wall Ratings — 1, 2, 3 or 4 Hr (See Items 3 & 4)



1. **Floor and Ceiling Runners** — (Not shown) — Channel shaped, fabricated from min 25 MSG (min 20 MSG when Item 4A is used) corrosion-protected steel, min width to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners 24 in. OC max.
2. **Steel Studs** — Channel shaped, fabricated from min 25 MSG (min 20 MSG when Item 4A is used) corrosion-protected steel, min width as indicated under Item 4, min 1-1/4 in. flanges and 1/4 in. return, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.
3. **Batts and Blankets*** — (Required as indicated under Item 4) — Mineral wool batts, friction fitted between studs and runners. Min nom thickness as indicated under Item 4. See **Batts and Blankets (BKNV or BZJZ) Categories** for names of Classified companies.

3A. **Batts and Blankets*** — (Optional) — Placed in stud cavities, any glass fiber or mineral wool 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.

4. **Gypsum Board*** — 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. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 1 hr, 2 hr, 3 hr and 4 hr ratings are as follows:

Wallboard Protection on Each Side of Wall

Rating	Min Stud Depth	No. of Layers & Thkns of Panel	Min Thkns of Insulation (Item 3)
1	3-1/2	1 layer, 5/8 in. thick	Optional
1	2-1/2	1 layer, 1/2 in. thick	1-1/2 in.
1	1-5/8	1 layer, 3/4 in. thick	Optional
2	1-5/8	2 layers, 1/2 in. thick	Optional
2	1-5/8	2 layers, 5/8 in. thick	Optional
2	3-1/2	1 layer, 3/4 in. thick	3 in.
3	1-5/8	3 layers, 1/2 in. thick	Optional
3	1-5/8	2 layers, 3/4 in. thick	Optional
3	1-5/8	3 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 1/2 in. thick	Optional
4	2-1/2	2 layers, 3/4 in. thick	2 in.

CANADIAN GYPSUM COMPANY —1/2 in. thick Type C, IP-X2 or IPC-AR; WRC, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX or WRC; 3/4 in. thick Type IP-X3, ULTRACODE, ULTRACODE SHC or ULTRACODE WRC.
UNITED STATES GYPSUM CO —1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type SCX, SHX, WRX, IP-X1, AR, C, WRC, FRX-G, IP-AR, IP-X2, IPC-AR; 3/4 in. thick Type IP-X3, ULTRACODE, ULTRACODE SHC or ULTRACODE WRC.
USG MEXICO S A DE C V —1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX, WRC or; 3/4 in. thick Type IP-X3

4A. **Gypsum Board*** — (As an alternate to Item 4) — 5/8 in. thick gypsum panels, installed as described in Item 4 with Type S-12 steel screws. The length and spacing of the screws as specified under Item 5.
CANADIAN GYPSUM COMPANY —Type FRX
UNITED STATES GYPSUM CO —Type FRX

4B. **Gypsum Board*** — (As an alternate to Items 4 and 4A) — 5/8 in. thick, 2 ft. wide, tongue and groove edge, applied horizontally as the outer layer to one side of the assembly. Secured as described in Item 5. Joint covering (Item 7) not required.
CANADIAN GYPSUM COMPANY — Type SHX.
UNITED STATES GYPSUM CO —Type SHX.
USG MEXICO S A DE C V — Type SHX.

5. **Fasteners** — (Not shown) — Type S or S-12 steel screws used to attach panels to studs (Item 2) or furring channels (Item 6). **Single layer systems:** 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 8 in. OC when panels are applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically. Two layer systems: First layer- 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels or 2-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC with screws offset 8 in. from first layer. **Three-layer systems:** First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in., 5/8 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below. **Four-layer systems:** First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 24 in. OC. Fourth layer- 2-5/8 in. long for 1/2 in. thick panels or 3 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below.
6. **Furring Channels** — (Optional, not shown, for single or double layer systems) — Resilient furring channels fabricated from min 25 MSG corrosion-protected steel, spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 steel screws. Not for use with Item 4A.
7. **Joint Tape and Compound** — Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads of outer layers. Paper tape, nom 2 in. wide, embedded in first layer of compound over all joints of outer layer panels. Paper tape and joint compound may be omitted when gypsum panels are supplied with a square edge.
8. **Siding, Brick or Stucco** — (Optional, not shown) — Aluminum, vinyl or steel siding, brick veneer or stucco, meeting the requirements of local code agencies, installed over gypsum panels. Brick veneer attached to studs with corrugated metal wall ties attached to each stud with steel screws, not more than each sixth course of brick.
9. **Caulking and Sealants*** — (Optional, not shown) — A bead of acoustical sealant applied around the partition perimeter for sound control.
UNITED STATES GYPSUM CO —Type AS

*Bearing the UL Classification Mark

FOR EXTERIOR RATED WALL DETAILS RE SHEET A-7.0.

DESIGN # U419 / 1 HR. FIRE WALL (INTERIOR PARTITIONS)
NTS. | 2

100

(104) 6" ø CONCRETE FILLED BOLLARD STEEL PIPE PAINT WITH YELLOW TRAFFIC PAINT. RE: SITE DTLS.

(105) DOOR LANDING TO MATCH DOOR WIDTH AND TO HAVE A SLOPE NOT GREATER THAN 1/4" PER FOOT. LENGTH AS INDICATED ON PLAN.

200

(202) REINFORCED CONCRETE FLOOR SLAB. RE: STRUCTURAL DWGS.

(205) LINE OF CANOPY ABOVE.

(211) STRUCTURAL STEEL COLUMN. RE: STRUCTURAL DWGS.

500

(515) METAL DOWN SPOUT WITH KYNAR 500 FINISH. PROVIDE BY METAL BUILDING COMPANY.

KEY NOTES
SCALE: 1/8" = 1'-0" | 6

Symbol	Description
(X)	DOORS. SEE DOOR SCHEDULE
XXX	KEY NOTES
(X) —	INDICATED WALL TYPES. SEE SCHEDULE AND SHEET A-2.0 FOR DETAILS
X/X-X.X	DETAIL ELEVATION
	ALL DIMENSIONS ARE FROM METAL TO METAL.
F.E.	FIRE STINGUISHER
W.B	BOTTLED WATER COOLER
	1 HR. FIRE RATED WALL AS PER UL DESIGN NO. V421
	2 HR. FIRE RATED WALL AS PER UL DESIGN NO. V421
	1 HR. FIRE RATED WALL AS PER UL DESIGN NO. U419 (INTERIOR PARTITIONS)

GRAPHYC LEGEND
4

1. ALL INTERIOR DIMENSIONS ARE FROM STEEL TO STEEL UNLESS OTHERWISE IS NOTED.
2. ALL WOOD BLOCKING, FURRING AND FRAMING SHALL BE FIRE RETARDANT, TREATED IN ACCORDANCE WITH AWPA STANDARDS.
3. INSTALL BATT INSULATION TO 1'-0" ABOVE ADJACENT CEILING(S) IN ALL WALLS SEPARATING RESTROOM AREAS FROM OFFICE, HALLWAYS AREAS AND WALL BETWEEN RESTROOMS INSULATION TO BE NON COMBUSTIBLE, BEARING THE U.L. CLASSIFICATION MARKING.
4. ALL NEW INTERIOR PARTITIONS ARE TO BE CHANNEL TYPE, ROLL-FORMED, 20 GAUGE, 3-5/8" UNLESS INDICATED OTHERWISE ON THESE DOCUMENTS. WALLBOARD SHALL BE 5/8", FIRE CODE TYPE 'X', TAPERED EDGE, UNLESS OTHERWISE CALLED OUT ON THESE DOCUMENTS, INSTALL PER MANUFACTURER'S STANDARDS.
5. PROVIDE BLOCKING AT ALL RESTROOMS APPLIANCES AS REQUIRED.
6. COORDINATE BLOCKING FOR MILLWORK WITH CARPENTER.
7. ALL OFFICE EQUIPMENT TO BE FURNISHED BY TENANT INCLUDING REFRIGERATORS, G.C. TO INSTALL. COORDINATE FINAL ELECTRICAL AND PLUMBING REQUIREMENTS FOR EQUIPMENTS, PRIOR TO START OF THE WORK.
8. ALL MILLWORK WILL BE LAMINATE UNLESS OTHERWISE IS NOTED.
9. G.C. TO VERIFY W/ MILLWORK CONTRACTOR THE ACTUAL SIZE OF ALL WALL SYSTEMS, COMPONENTS, AND FIXTURES BEFORE CONSTRUCTING WALLS AND TRENCHING.

GENERAL NOTES
1

URBAN·AREA ARCHITECTS
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tel: 832-274-2146
marcela@urbanareaco.com

05-15-19
EXPIRES 07-31-19

revisions:
1 CITY COMMENTS 10-23-18
2 CITY COMMENTS 03-19-19
3 CITY COMMENTS 05-15-19

PARK WEST BUSINESS PARK
8990 PARK WEST DRIVE
SUITE E
HOUSTON, TX. 77063

date: 06-12-18
drawn by: SB
checked by: JB
file No: 2018-1814

content:
FLOOR PLAN SUITE E AND SCHEDULES

sheet number:
A-2.0-E