

| STUD SIZE: (SSMA) | UL NUMBER | STC | 12" O.C. STUD SPACING | 16" O.C. STUD SPACING |
|-------------------------|-----------|-------|-----------------------|-----------------------|
| 1.1 1-1/2" (1625125-30) | N.A. | 39 | 9'-4" OR LESS | 8'-6" OR LESS |
| 1.2 1-5/8" (2505125-30) | N.A. | 39 | 12'-11" OR LESS | 11'-8" OR LESS |
| 1.3 2-1/2" (2505125-30) | N.A. | 40 | 17'-2" OR LESS | 15'-7" OR LESS |
| 1.4 3-5/8" (3625125-30) | N.A. | 40-44 | 18'-7" OR LESS | 16'-11" OR LESS |
| 1.5 4" (4005125-30) | N.A. | 40-44 | 25'-6" OR LESS | 23'-2" OR LESS |
| 1.6 5" (6005125-30) | N.A. | 40-44 | 25'-6" OR LESS | 23'-2" OR LESS |

| STUD GAUGE: 20 (0.0312" MIN.) |
|---|
| INSULATION: DESIGNATES BATT INSULATION SAME THICKNESS AS STUD WIDTH |
| 1.1 1-1/2" UL TRACK SECURED TO UNDERSLAB OF SLAB |
| 1.2 7/8" FURRING CHANNEL |
| 1.3 1-1/2" VERT. METAL STUD |
| 1.4 2 1/2" PLAN DIM. |
| 1.5 1" UNBARRIED AIR SPACE |
| 1.6 VERT. METAL STUD |
| 1.7 UL TRACK SECURED TO UNDERSLAB OF SLAB |

NOTE: STUD HT. LIMITATIONS TAKEN FROM MARINO WARE GUIDELINE

1 GWB FURRING
NO RATING

| STUD SIZE: (SSMA) | UL NUMBER | STC | 12" O.C. STUD SPACING | 16" O.C. STUD SPACING |
|-------------------------|--------------|-----|-----------------------|-----------------------|
| 4.1 2-1/2" (2505125-30) | U411 OR U419 | 56 | 14'-10" OR LESS | 13'-6" OR LESS |
| 4.2 3-5/8" (3625125-30) | U411 OR U419 | 56 | 18'-6" OR LESS | 16'-9" OR LESS |
| 4.3 4" (4005125-30) | U411 OR U419 | 56 | 20'-0" OR LESS | 18'-2" OR LESS |
| 4.4 6" (6005125-30) | U411 OR U419 | 56 | 26'-9" OR LESS | 24'-3" OR LESS |

| STUD GAUGE: 20 (0.0312" MIN.) |
|---|
| INSULATION: DESIGNATES BATT INSULATION SAME THICKNESS AS STUD WIDTH |
| 4.1 5/8" GWB. CLG. |
| 4.2 1" PLAN DIM. |
| 4.3 1 1/2" PLAN DIM. |
| 4.4 3/4" PLAN DIM. |
| 4.5 1" UNBARRIED AIR SPACE |
| 4.6 VERT. METAL STUD |
| 4.7 UL TRACK SECURED TO UNDERSLAB OF SLAB |

NOTE: STUD HT. LIMITATIONS TAKEN FROM MARINO WARE GUIDELINE

4 GWB PARTITION
2 HR RATING

| STUD SIZE: (SSMA) | UL NUMBER | STC | 12" O.C. STUD SPACING | 16" O.C. STUD SPACING |
|-------------------------|-----------|-----|-----------------------|-----------------------|
| 6.1 1-5/8" (1625125-30) | U420 | 52 | 9'-4" OR LESS | 8'-6" OR LESS |
| 6.2 2-1/2" (2505125-30) | U420 | 52 | 12'-11" OR LESS | 11'-8" OR LESS |
| 6.3 3-5/8" (3625125-30) | U420 | 52 | 17'-2" OR LESS | 15'-7" OR LESS |

| STUD GAUGE: 20 (0.0312" MIN.) |
|---|
| INSULATION: SOUND ATTENUATION BLANKETS SAME THICKNESS AS STUD WIDTH |
| 6.1 5/8" GWB. |
| 6.2 1" PLAN DIM. |
| 6.3 1 1/2" PLAN DIM. |
| 6.4 3/4" PLAN DIM. |
| 6.5 1" UNBARRIED AIR SPACE |
| 6.6 VERT. METAL STUD |
| 6.7 UL TRACK SECURED TO UNDERSLAB OF SLAB |

NOTE: STUD HT. LIMITATIONS TAKEN FROM MARINO WARE GUIDELINE

6 CHASE WALL
1 HR RATING

| STUD SIZE: (SSMA) | UL NUMBER | STC | 12" O.C. STUD SPACING | 16" O.C. STUD SPACING |
|--------------------------|-----------|-----|-----------------------|-----------------------|
| 17.1 1-5/8" (1625125-30) | U420 | 52 | 9'-4" OR LESS | 8'-6" OR LESS |
| 17.2 2-1/2" (2505125-30) | U420 | 52 | 12'-11" OR LESS | 11'-8" OR LESS |
| 17.3 3-5/8" (3625125-30) | U420 | 52 | 17'-2" OR LESS | 15'-7" OR LESS |

| STUD GAUGE: 20 (0.0312" MIN.) |
|---|
| INSULATION: SOUND ATTENUATION BLANKETS SAME THICKNESS AS STUD WIDTH |
| 17.1 5/8" GWB. |
| 17.2 1" PLAN DIM. |
| 17.3 1 1/2" PLAN DIM. |
| 17.4 3/4" PLAN DIM. |
| 17.5 1" UNBARRIED AIR SPACE |
| 17.6 VERT. METAL STUD |
| 17.7 UL TRACK SECURED TO UNDERSLAB OF SLAB |

NOTE: STUD HT. LIMITATIONS TAKEN FROM MARINO WARE GUIDELINE

17 WALL @ POCKET DOOR
NO RATING

| STUD SIZE: (SSMA) | UL NUMBER | STC | 12" O.C. STUD SPACING | 16" O.C. STUD SPACING |
|-------------------------|-----------|-------|-----------------------|-----------------------|
| 2.1 2-1/2" (2505125-30) | N.A. | 40 | 14'-10" OR LESS | 13'-6" OR LESS |
| 2.2 3-5/8" (3625125-30) | N.A. | 40-44 | 18'-6" OR LESS | 16'-9" OR LESS |
| 2.3 4" (4005125-30) | N.A. | 40-44 | 20'-0" OR LESS | 18'-2" OR LESS |
| 2.4 6" (6005125-30) | N.A. | 40-44 | 26'-9" OR LESS | 24'-3" OR LESS |

| STUD GAUGE: 20 (0.0312" MIN.) |
|---|
| INSULATION: DESIGNATES BATT INSULATION SAME THICKNESS AS STUD WIDTH |
| 2.1 5/8" GWB. CLG. |
| 2.2 1" PLAN DIM. |
| 2.3 1 1/2" PLAN DIM. |
| 2.4 3/4" PLAN DIM. |
| 2.5 1" UNBARRIED AIR SPACE |
| 2.6 VERT. METAL STUD |
| 2.7 UL TRACK SECURED TO UNDERSLAB OF SLAB |

NOTE: STUD HT. LIMITATIONS TAKEN FROM MARINO WARE GUIDELINE

2 GWB PARTITION
NO RATING

| STUD SIZE: (SSMA) | UL NUMBER | STC | 12" O.C. STUD SPACING | 16" O.C. STUD SPACING |
|-------------------------|-----------|-----|-----------------------|-----------------------|
| 5.1 3-5/8" (3625162-35) | U493 | 65 | 19'-2" OR LESS | 17'-5" OR LESS |

| STUD GAUGE: 20 (0.0346" MIN.) |
|---|
| SEALANT: YES |
| INSULATION: SOUND ATTENUATION BLANKETS SAME THICKNESS AS STUD WIDTH |
| 5.1 5/8" GWB. CLG. |
| 5.2 1" PLAN DIM. |
| 5.3 1 1/2" PLAN DIM. |
| 5.4 3/4" PLAN DIM. |
| 5.5 1" UNBARRIED AIR SPACE |
| 5.6 VERT. METAL STUD |
| 5.7 UL TRACK SECURED TO UNDERSLAB OF SLAB |

NOTE: STUD HT. LIMITATIONS TAKEN FROM MARINO WARE GUIDELINE

5 GWB PARTITION - DEMISING
1 HR RATING (EXTRA GWB FOR ACOUSTICS)

| STUD SIZE: (SSMA) | UL NUMBER | STC | 12" O.C. STUD SPACING | 16" O.C. STUD SPACING |
|------------------------|-----------|-----|-----------------------|-----------------------|
| 10.1 2-1/2" (212C1032) | U438 | 52 | 13'-6" OR LESS | 12'-6" OR LESS |
| 10.2 4" (400C1032) | U438 | 52 | 18'-9" OR LESS | 16'-9" OR LESS |
| 10.3 6" (600C1032) | U438 | 52 | 26'-4" OR LESS | 24'-3" OR LESS |

| STUD GAUGE: 20 (0.0346" MIN.) |
|---|
| INSULATION: SOUND ATTENUATION BLANKETS SAME THICKNESS AS STUD WIDTH |
| 10.1 5/8" GWB. |
| 10.2 1" PLAN DIM. |
| 10.3 1 1/2" PLAN DIM. |
| 10.4 3/4" PLAN DIM. |
| 10.5 1" UNBARRIED AIR SPACE |
| 10.6 VERT. METAL STUD |
| 10.7 UL TRACK SECURED TO UNDERSLAB OF SLAB |

NOTE: STUD HT. LIMITATIONS TAKEN FROM MARINO WARE GUIDELINE

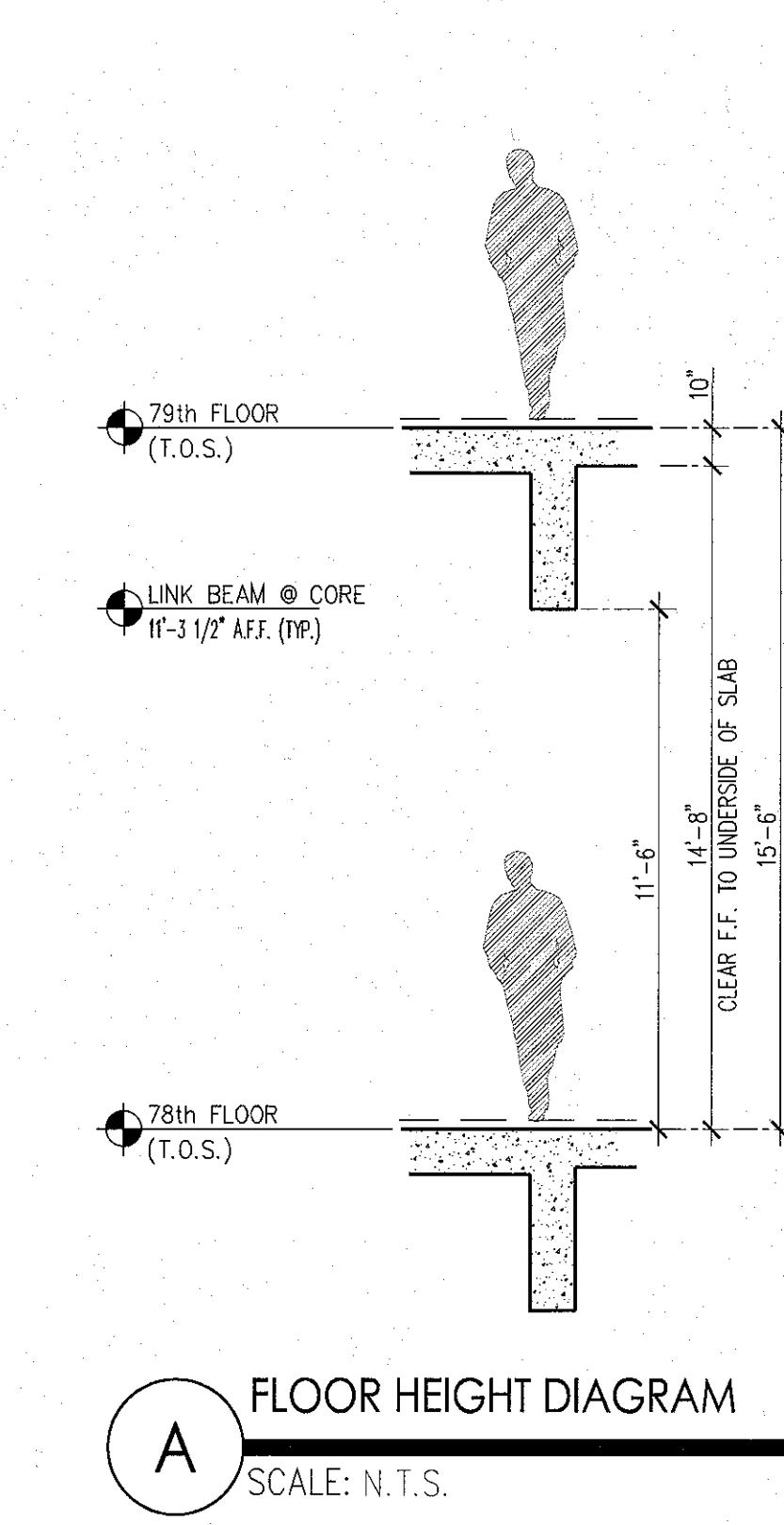
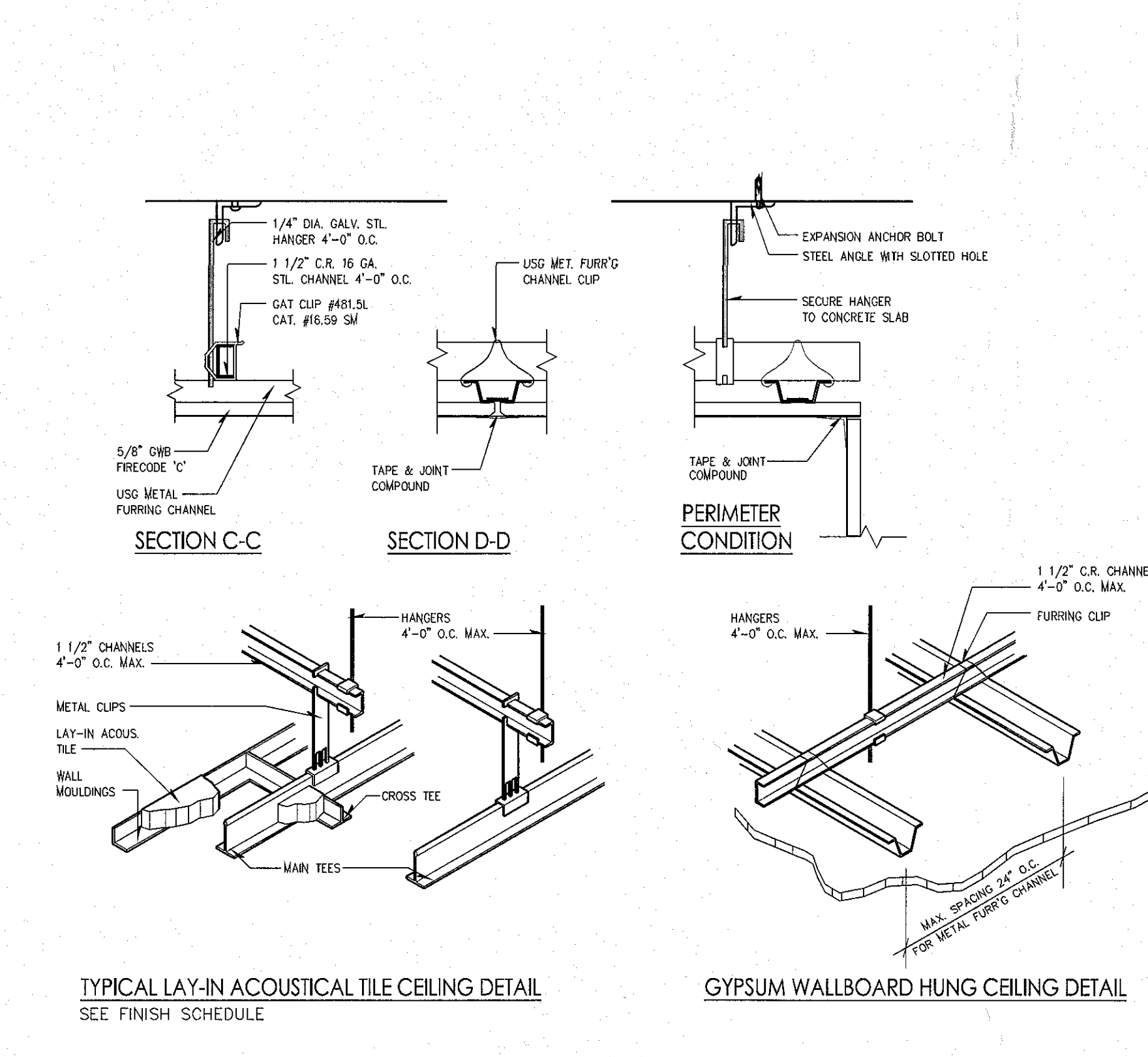
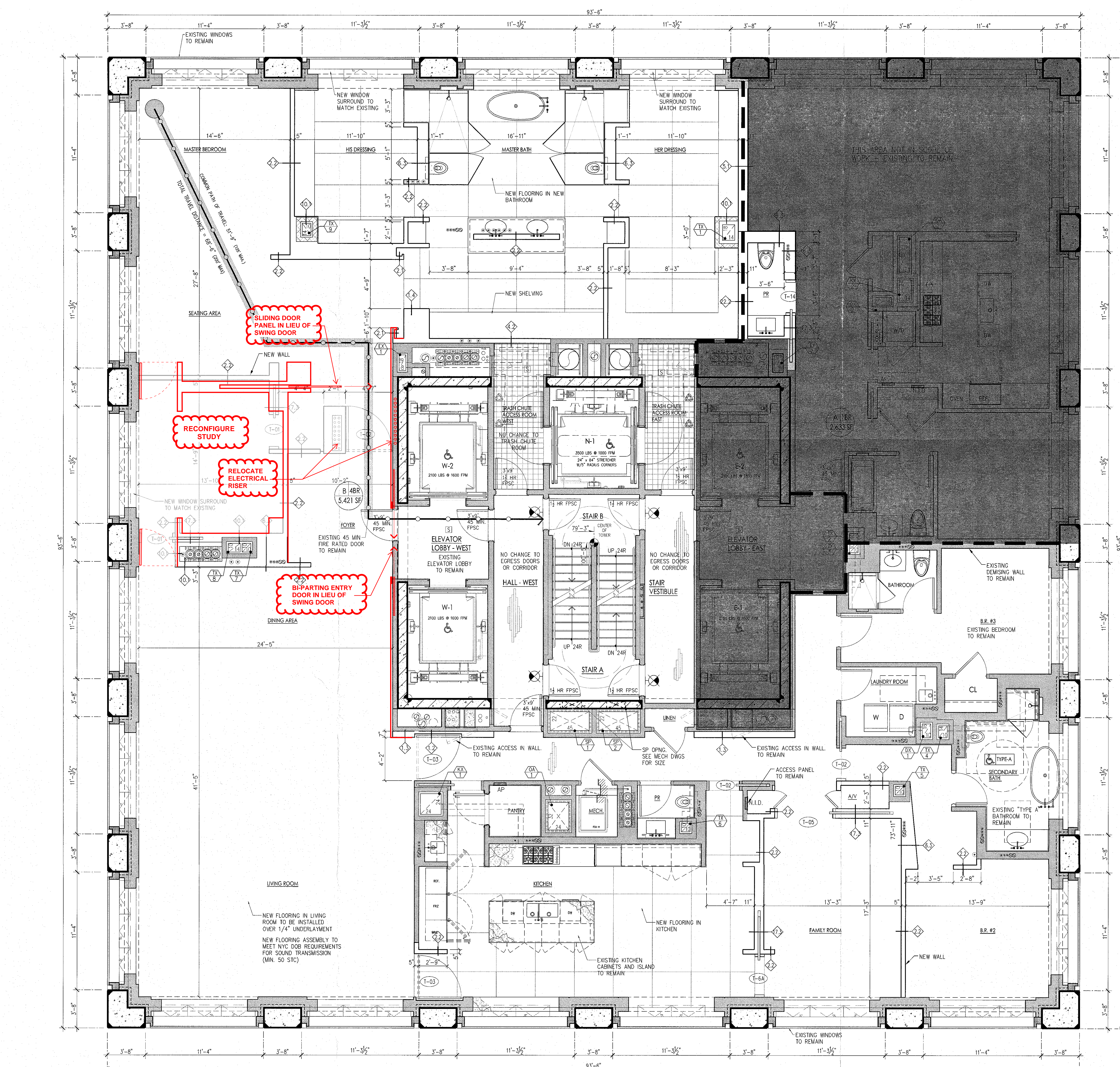
10 LINED SHAFT ENCLOSURE
2 HR RATING

| STUD SIZE: (SSMA) | UL NUMBER | STC | 12" O.C. STUD SPACING | 16" O.C. STUD SPACING |
|--------------------------|-----------|-----|-----------------------|-----------------------|
| 22.1 1-5/8" (1625125-30) | U420 | 52 | 9'-4" OR LESS | 8'-6" OR LESS |
| 22.2 2-1/2" (2505125-30) | U420 | 52 | 12'-11" OR LESS | 11'-8" OR LESS |
| 22.3 3-5/8" (3625125-30) | U420 | 52 | 17'-2" OR LESS | 15'-7" OR LESS |

| STUD GAUGE: 20 (0.0312" MIN.) |
|---|
| INSULATION: SOUND ATTENUATION BLANKETS SAME THICKNESS AS STUD WIDTH |
| 22.1 5/8" GWB. |
| 22.2 1" PLAN DIM. |
| 22.3 1 1/2" PLAN DIM. |
| 22.4 3/4" PLAN DIM. |
| 22.5 1" UNBARRIED AIR SPACE |
| 22.6 VERT. METAL STUD |
| 22.7 UL TRACK SECURED TO UNDERSLAB OF SLAB |

NOTE: STUD HT. LIMITATIONS TAKEN FROM MARINO WARE GUIDELINE

22 CHASE WALL
1 HR RATING (EXTRA GWB FOR ACOUSTICS)



PROJECT: HM 78 A-B

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APARTMENT 78B: MODIFICATIONS TO PLAN SUBSEQUENT TO PERMIT DRAWING
KANGMODERN
05/21/2019

Accepted for OPPN 1/04
Professional Certification
MANHATTAN
Date: JUL 11 2017

DEPT. BUILDING DIV. NO. 123328105
123328105
123328105

06/16/2017 DOB SUBMISSION
No: Date: Revision:
SCALE: 1/4" = 1'-0"

KEY PLAN: EAST 57TH STREET
MADISON AVENUE
EAST 56TH STREET
PARK AVENUE

DRAWING TITLE: CONSTRUCTION PLAN
61ST FLOOR (CONST.)
78TH FLOOR (MARKETING)

SEAL & SIGNATURE: PROJECT NO: 2017-10
DRAWN BY: AR
CHECKED BY: CK
DRAWING NO: A-101.00
CADD FILE NO: 123328105