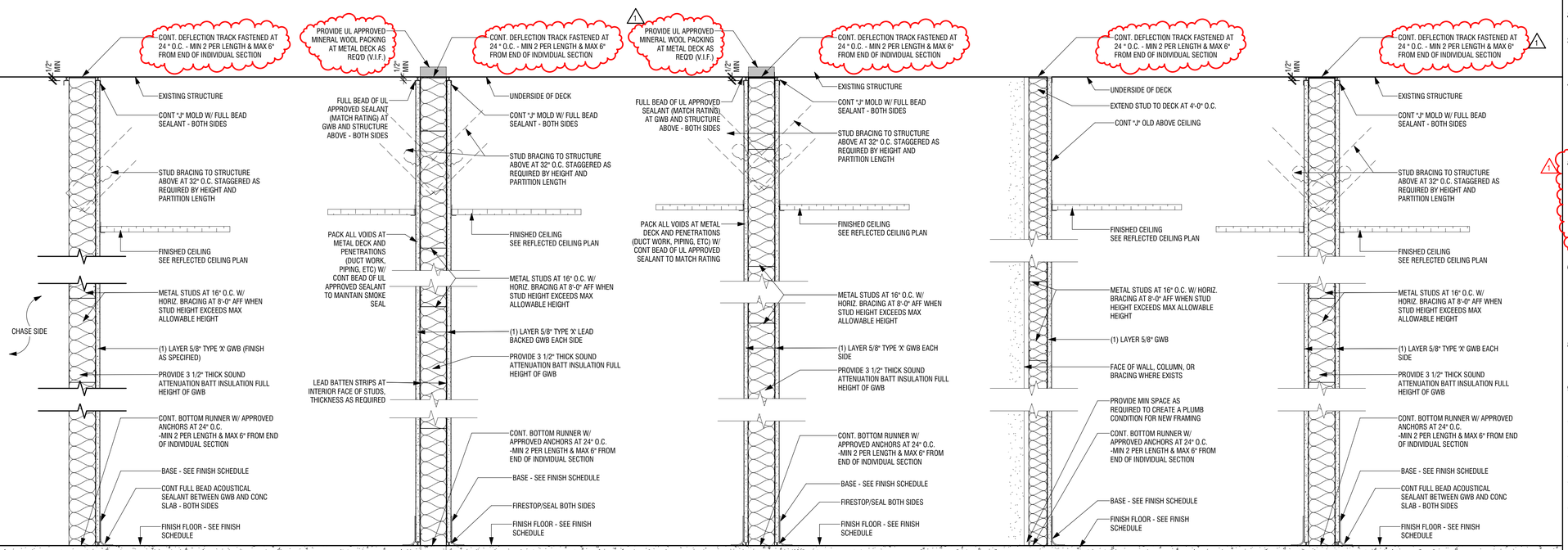


1 9 PARTITION TYPE 9 - CHASE WALL

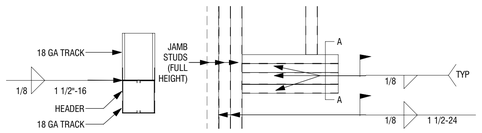
10 PARTITION TYPE 14 - LEAD LINED
NOTE: REFER TO PHYSICIST REPORT FOR LEAD THICKNESS & ADDITIONAL INFORMATION.

7 PARTITION TYPE 7 - 1 HOUR RATED - UL U419

3 PARTITION TYPE 3 - STUD FURRING TO STRUCTURE

NOTE:
- 2 1/2" 25 Ga AT 11'-0" MAX HT W/OUT BRACING
- 2 1/2" 22 Ga AT 12'-0" MAX HT W/OUT BRACING
- 2 1/2" 20 Ga AT 13'-0" MAX HT W/OUT BRACING

1 PARTITION TYPES 1- NON-RATED TO DECK.

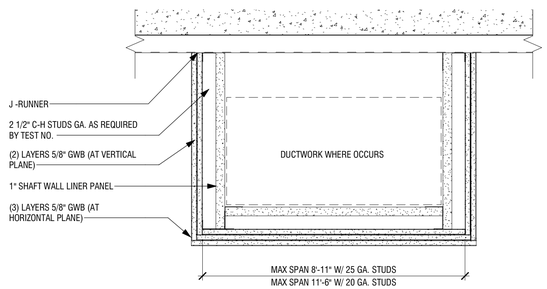


BOX HEADER SECTION A-A

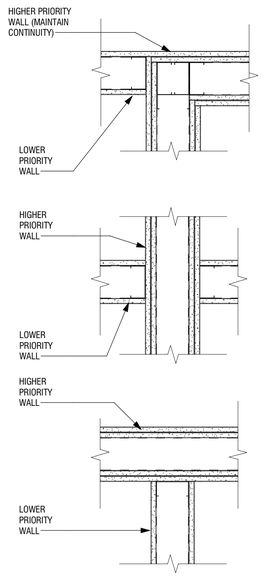
BOX HEADER ELEVATION

OPENING	HEADER	JAMB STUDS
UP TO 4'-0"	2-6" 18 GA	(2) 20 GA
4'-0" TO 8'-0"	2-8" 16 GA	(3) 20 GA
8'-0" TO 12'-0"	2-8" 16 GA	(4) 20 GA

FOR OPENINGS GREATER THAN 12'-0" STUDS ARE TO BE SUPPORTED VERTICALLY BY STRUCTURE AND HORIZONTALLY BY DIAGONAL BRACING AS REQUIRED.



FIRE RATING 2-HOUR TEST, NER-258, WHI-495, WHI-694.0300.1



WALL PRIORITY LEGEND	
WALL FUNCTION	PRIORITY
4 HR FIRE & SMOKE	HIGHER
3 HR FIRE & SMOKE	
2 HR FIRE & SMOKE	
2 HR FIRE	
1 HR FIRE & SMOKE	
1 HR FIRE	
30 MIN SMOKE BARRIER	
SMOKE PARTITIONS (NON FR)	
SOUND CONTROL WALLS (NON FR)	
OTHER WALLS	LOWER

NOTES:
1. WHERE WALLS OF DIFFERENT FUNCTIONS/ RATINGS INTERSECT; WALL OF HIGHER PRIORITY SHALL BE CONTINUOUS.
2. LOWER PRIORITY WALLS SHALL "ABUT" AND BE "SEALED TO " HIGHER PRIORITY WALLS, BUT SHALL NOT INTERRUPT CONTINUITY OF THE HIGHER PRIORITY WALL.

SHEET NOTES

1. SEE FLOOR PLANS FOR EXTENT OF EACH WALL TYPE.
2. ALL STEEL STUDS AT DOOR JAMBS SHALL BE 20 GA. T U.O.N.
3. WALLS ARE INDICATED WITH CONVENTIONAL GYPSUM WALLBOARD; UPGRADE TO PREMIUM TYPES OF WALLBOARD (IE MOISTURE-RESISTANT, TILE-BACKER, ETC.) BASED ON THE WALLBOARD LOCATION.
4. PROVIDE STEEL STUDS WITH SIZING AND GAUGE NOTE SCHEDULE. INSTALL STUDS AS SCHEDULE AND VERIF FRAMING MEMBERS ARE DESIGNED TO LIMIT DEFLECT TO L/240 UNDER ALL LOADS (INCLUDING WALL MOUN EQUIPMENT & FURNISHINGS), INCLUDING A LATERAL L OF AT LEAST 5 PSF. FOR ALL PARTITION HEIGHTS. WH PARTITIONS HAVE CERAMIC TILE FINISH, LIMIT DEFLECTION TO L/360.
5. PROVIDE GALVANIZED STEEL SHEET GROUNDING IN WALLS COMPLYING WITH ASTM A526, COATING DESIGNATION G90, NOT LESS THAN 14 GAUGE THICKNESS, FOR SUPPORTING ALL WALL HUNG CASEWORK, SHELVING, CABINETS, GRAB BARS, DOOR STOPS, FLAT PANEL DISPLAY BOARDS, SMART BOARDS, AND OTHER ITEMS. SHEET TO BE AT LEAST AS LONG AS THE ITEM TO BE SUPPORTED AND FASTENED TO ALL STUDS WITHIN THE WIDTH AND BEYOND TO THE NEAREST STUD. GRAB BARS SHALL BE BUILT TO SUPPORT A MINIMUM OF 250#; SEE PLANS & ELEVATIONS FOR LOCATIONS.
6. PROVIDE METAL STUD DIAGONAL BRACING, AS INDICATED IN PARTITION DETAILS.
7. DRYWALL IS TO BE INTERRUPTED AT ALL PARTITION INTERSECTIONS, AND IS TO CLOSE THROUGH PERIMETER FASCIA TO THE BASE BUILDING CONSTRUCTION. NO DRYWALL LAYERS ARE TO BE CONTINUOUS BETWEEN TWO ADJACENT ROOMS.
8. PROVIDE CONTINUOUS ACOUSTICAL (NON-HARDENING) CAULKING BEADS ON EACH SIDE OF THE BOTTOM STUD RUNNER AT THE THREE-WAY INTERSECTION BETWEEN THE RUNNER, FLOOR AND DRYWALL.
9. COVER ALL EXPOSED GYPSUM WALLBOARD EDGES WITH "J" BEAD AND ALL EXPOSED CORNERS WITH CORNER BEADS. SPACKLE AND FINISH AS REQUIRED.
10. ACOUSTICAL CAULKING TO CLOSE GAPS BETWEEN SERVICE OUTLETS (ELECTRICAL, TELEPHONE, DATA, ETC.) AND DRYWALL.
11. MULTIPLE LAYERS OF DRYWALL ARE TO BE APPLIED WITH STAGGERED JOINTS.
12. PARTITIONS SHALL BE CUT AND SEALED AROUND ALL STRUCTURAL ELEMENTS.
13. 'STC' REFERS TO SOUND TRANSMISSION CLASS, A RATING SYSTEM THAT DESCRIBES THE ABILITY OF AN ASSEMBLY TO REDUCE THE TRANSMISSION OF SOUND. CONFIGURE SOUND-RATED WALL ASSEMBLIES ACCORDING TO THE MINIMUM REQUIREMENTS STIPULATED IN THE STC TESTS LISTED.
14. 'SAB' REFERS TO SOUND ATTENUATION BATTS, WHERE SAB ARE INDICATED, THEY SHALL EXTEND CONTINUOUSLY FROM FLOOR TO STRUCTURE ABOVE. PROVIDE METAL STRAPS WHERE REQUIRED TO KEEP SAB IN PLACE WITHIN METAL STUDS.
15. ALL PENETRATIONS (I.E. PIPES, DUCTS, CONDUITS, ETC.) THROUGH FULL HEIGHT PARTITIONS AND CEILING BELOW INTERSTITIAL SPACE SHALL BE SEALED TO PREVENT AIR LEAKAGE OR FIRESTOPPED AT ALL FIRE RATED PARTITIONS BY EACH RESPECTIVE TRADE CONTRACTOR.
16. ALL GAPS AROUND PENETRATIONS (DUCTS, PIPES, CONDUIT, ETC.) ARE TO BE SEALED AS FOLLOWS:
    - A. 1" OR LESS GAP FILLED TIGHTLY WITH BATT INSULATION AND/OR FIRE SAFING (BY EACH TRADE CONTRACTOR)
    - B. GAPS LARGER THAN 1" FILLED WITH HEAVY-DENSITY PUTTY SUCH AS NELSON FSP OR CLK SEALANT, J.M. CLIPPER "DUXSEAL", 3M "MOLDABLE PUTTY"(BY EACH TRADE CONTRACTOR).
    - C. RETURN AIR TRANSFER AND PATHWAYS ARE TO BE COORDINATED WITH MECHANICAL ENGINEERS.
    - D. ALL DETAILS AND MATERIALS AS REQUIRED BY DRYWALL MANUFACTURER TO ACHIEVE LABORATORY SOUND TRANSMISSION CLASS (STC) RATINGS.
17. SEAL ALL NEW AND EXISTING PENETRATIONS THROUGH PARTITIONS BELOW RAISED FLOOR AND ABOVE CEILING TO PROVIDE AIR-TIGHT PLENUM.
18. FIRE STOP ALL NEW AND EXISTING PENETRATIONS THROUGH NEW AND EXISTING FIRE RATED PARTITIONS AND OTHER FIRE RATED CONSTRUCTION.

Department of Community Affairs
Construction Project Review
Project No: 5228-22
Partial Release Interior Building
BUILDING
Albert Monte
Released: 02/21/23
N.J.S.A. 52:27D-119 ET SEQ., AS AMENDED

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Issuance / Revision

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REGISTERED ARCHITECT

Posen Project No.:	DCA Number:
22119	NJPRP-14794

Submission: FOR CONSTRUCTION

Drawing: PARTITION TYPES

Drawn By:	Checked By:	Date:
Author	Checker	8/10/2022
Scale:	**Dwg No.Issue No.:**	**Drawing:**
1 1/2" = 1'-0"	A-700.1	of

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