6" thick concrete slab at Mechanical area

1" Expansion Joint
3.04.19, Third Storage Room on the Southeast side with industrial compact mechanical assist mobile high density storage shelving

3.07.02, First Storage Room on the South side with cantilevered library metal storage racks & metal catalogue rack stands with drawers

3.08.07, Second Storage Room on the Southwest side with 4-post library metal storage racks at large open area & in a small long narrow room

Cracking was observed within the gyp-board wall

Existing Structural repair below on concrete column corbel
LONGITUDINAL BUILDING SECTION

LONGITUDINAL-SOUTH W/ EARTH-FORMED BERM

LONGITUDINAL-NORTH W/ EARTH-FORMED BERM
ATTACHMENT 2: EXHIBITS
UTSA ITC Floor Capacity Assessment
The University of Texas at San Antonio
9.20.21

TRANSVERSE BUILDING SECTION

TRANSVERSE BUILDING SECTION

TRANSVERSE WEST W/ EARTH-FORMED BERM

Dome Structure
FIRST-FLOOR LEVEL / COLLATERAL LOAD PLAN

ATTACHMENT 2: EXHIBITS
UTSA ITC Floor Capacity Assessment
The University of Texas at San Antonio
9.20.21
LEGEND

- 10 PSF - LAY-IN
- 12 PSF - PAINTED GYPSUM BOARD
- 17 PSF - PLASTER ON WOOD LATH
- 9 PSF - INTERIOR EXPOSED WAFFLE

SECOND-FLOOR LEVEL / COLLATERAL LOAD PLAN

ATTACHMENT 2: EXHIBITS
UTSA ITC Floor Capacity Assessment
The University of Texas at San Antonio
9.20.21
LEGEND

- 10 PSF - LAY-IN
- 12 PSF - PAINTED GYPSUM BOARD
- 9 PSF - INTERIOR EXPOSED WAFFLE

LOW & HIGH ROOF LEVELS / COLLATERAL LOAD PLAN
FIRST FLOOR LEVEL / CURRENT LIVE LOAD PLAN

LEGEND
- 100 PSF - CORRIDOR
- 50 PSF - RESTROOMS
- 150 PSF - MECHANICAL AREA

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**LEGEND**

- **100 PSF** - Corridor & Mech. Areas
- **50 PSF** - Offices
- **50 PSF** - Restrooms

**150 PSF** - Increased Live Load within the striped areas along the column grid lines directly over the concrete beams.

**THIRD-FLOOR LEVEL / PROPOSED LIVE LOAD PLAN**