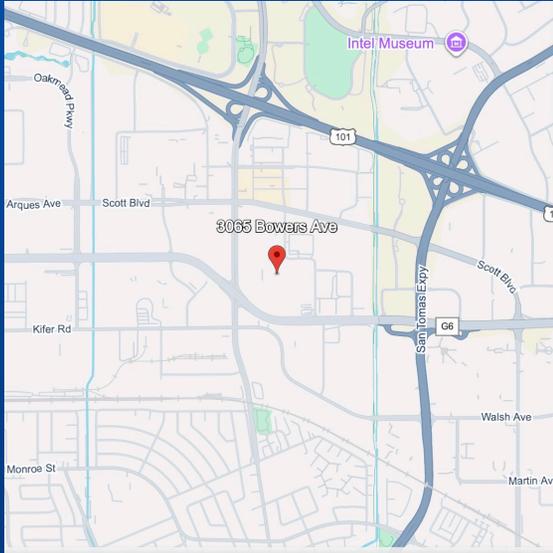


Intel BW2+CUB2 Project Development Review Hearing

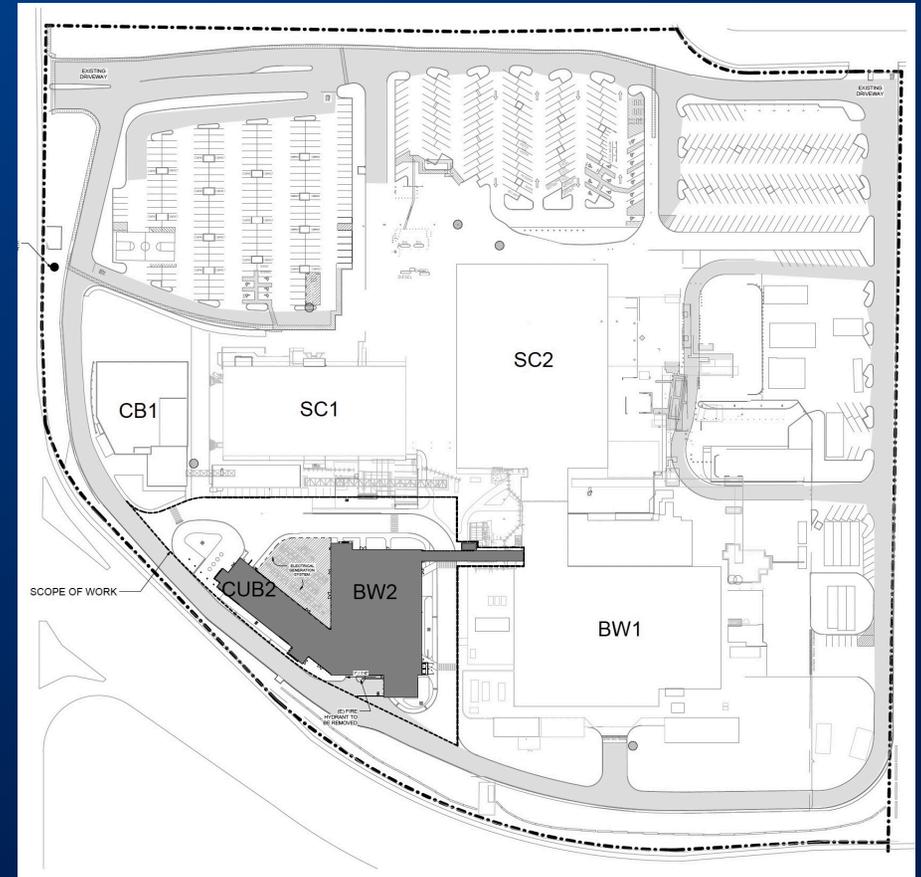
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EXISTING CAMPUS & SITE CONTEXT



Bowers Campus = 25.9 acres

BW2+CUB2 Site Area = 2.4 acres

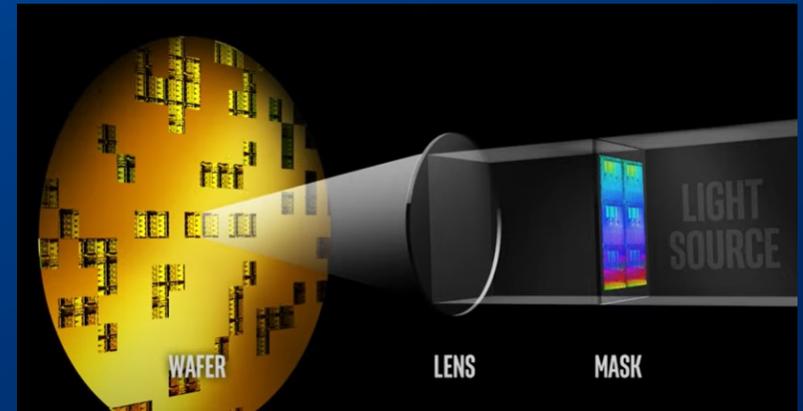


BW2+CUB2 PROJECT NEED

Presence at this site since 1970

Bowers Campus = mission critical manufacturing site

- Intel Mask Operations (IMO) Factory
- Intel working to meet demand in worldwide semiconductor industry
- Semiconductor chip production = national priority



BW2+CUB2 PROJECT OVERVIEW

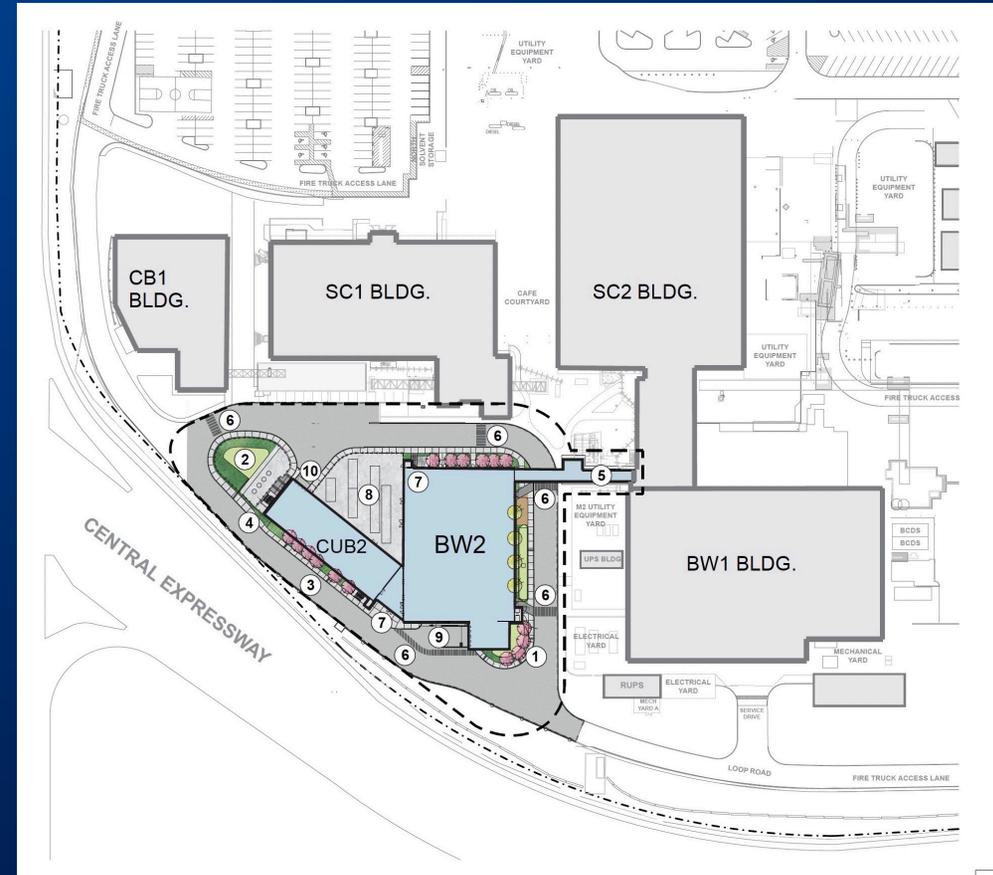
Manufacturing Fab Bldg (BW2) + Central Utility Bldg (CUB2)

- Total of 107,171 SF
- Three story structures
- Maximum height of 101 feet

BW2: Mfg Fab space, tools, servers, electrical & power facilities, & storage areas

CUB2: Equipment for heating, cooling, & power to support manufacturing

- Chillers, cooling towers
- Pumps & piping, control equipment
- Other mechanical equipment



Architecture and Design



View from across Central Expwy looking northward.



View from Bowers Ave/Central Expwy looking northeast.

Architecture and Design



Aerial view from Bowers Ave/Central Expwy intersection looking northeast.



View of north side of BW2 building from campus interior looking southeast.

THANK YOU!

BACKUP MATERIALS

PROJECT DESCRIPTION

THE INTEL BOWERS CAMPUS IS APPROXIMATELY 26 ACRES IN SIZE AND IS LOCATED NORTH OF CENTRAL EXPRESSWAY BETWEEN BOWERS AVENUE AND CORONADO DRIVE. THE CAMPUS IS HOME TO THE INTEL MASK OPERATIONS (IMO) FACTORY. MASKS, WHICH ARE TEMPLATES USED TO TRANSFER AND PRINT DESIGNED CIRCUITRIES ONTO SILICON WAFERS, ARE THE CRITICAL FIRST STEP IN THE INTEL SEMICONDUCTOR MANUFACTURING PROCESS, AND INTEL'S WORLDWIDE CHIP-MAKING FACILITIES ARE DEPENDENT ON MASKS FROM IMO. INTEL IS WORKING TO MEET THE CONTINUED GROWTH AND DEMAND IN THE WORLDWIDE SEMICONDUCTOR INDUSTRY, ALONG WITH AN IMMEDIATE GLOBAL SHORTAGE OF SEMICONDUCTORS, AS WELL AS THE NEED FOR ADDITIONAL PRODUCTION IN THE UNITED STATES.

THE PROJECT PROPOSES THE DEVELOPMENT OF A NEW MANUFACTURING BUILDING CONSISTING OF A NEW FAB (BW2) WITH AN ATTACHED CENTRAL UTILITY BUILDING (CUB2) AREA TO SERVE THE PLANNED MANUFACTURING EQUIPMENT. THE PROPOSED BUILDING WILL BE CONSTRUCTED ON AN APPROXIMATELY 2.4-ACRE SITE AREA OF THE SOUTHWEST CORNER OF THE EXISTING CAMPUS. THE PROJECT SITE IS LOCATED SOUTH OF THE EXISTING SC1 AND FAN DECK BUILDINGS, NEAR THE SOUTHWESTERN PERIMETER OF THE CAMPUS ALONG CENTRAL EXPRESSWAY.

THE PROPOSED MANUFACTURING AND CUB BUILDINGS WILL BE THREE-STORY STRUCTURES AND WILL HAVE A TOTAL GROSS FLOOR AREA OF 101,971 SQUARE FEET, INCLUDING APPROXIMATELY 77,533 SQUARE FEET OF MANUFACTURING SPACE AND 24,438 SQUARE FEET OF CUB SPACE. THE BUILDING DESIGN WILL MATCH THE LOOK AND FEEL OF THE BUILDING MATERIALS AND SCREENING FOR THE RECENT CUB PROJECT ON THE WESTERN PORTION OF THE CAMPUS. THE MANUFACTURING AREA WILL INCLUDE MANUFACTURING SPACE, DATA SERVERS, ELECTRICAL AND POWER FACILITIES, AND STORAGE AREAS. THE BUILDING WILL ALSO INCLUDE LOBBY SPACE, RESTROOMS, AND FIRE SUPPRESSION AND SAFETY EQUIPMENT. THE CUB PORTION OF THE BUILDING WILL HOUSE CHILLERS, COOLING TOWERS, PUMPS AND PIPING, INSTRUMENTATION AND CONTROL EQUIPMENT, EMERGENCY BACKUP GENERATORS, AND OTHER MECHANICAL EQUIPMENT TO SUPPORT THE NEW MANUFACTURING OPERATIONS. THE PROPOSED BUILDING WILL HAVE A MAXIMUM HEIGHT OF APPROXIMATELY 101 FEET (TO THE TOP OF THE PARAPET).

SITE DATA

PROJECT SITE FLOOR AREA RATIO (FAR) CALCULATIONS

	TOTAL (Sq. Ft.)
PROPOSED BW2+CUB2	107,171
PROJECT SITE	104,544 (2.4 ACRES)
FAR (TOTAL GROSS SF/TOTAL SITE AREA)	0.97

SITE DATA

Lot Size	25.9 acres or 1,128,099 Sq.Ft.
Zoning	HO-RD ; High Intensity Office/ Research and Development

ZONING COMPLIANCE SUMMARY

CAMPUS FLOOR AREA RATIO (FAR) CALCULATIONS

	EXISTING GFA (Sq.Ft)	M4 FAB+CUB GFA (Sq.Ft)	TOTAL GFA (Sq.Ft)
PRIMARY STRUCTURES	331,707	101,971	433,678
LONG TERM TEMPORARY	22,889	(-)2720	20,169
COVERED EXTERIOR MEP YARDS	32,665*	7,920	40,585
TOTAL BUILDING GROSS FLOOR AREA (GFA)	387,261	107,171	494,432
FAR (TOTAL GROSS SF / TOTAL SITE AREA)	0.34	0.10	0.44

*Includes FAR for SOW 707, north electric yard expansion currently under permitting with City

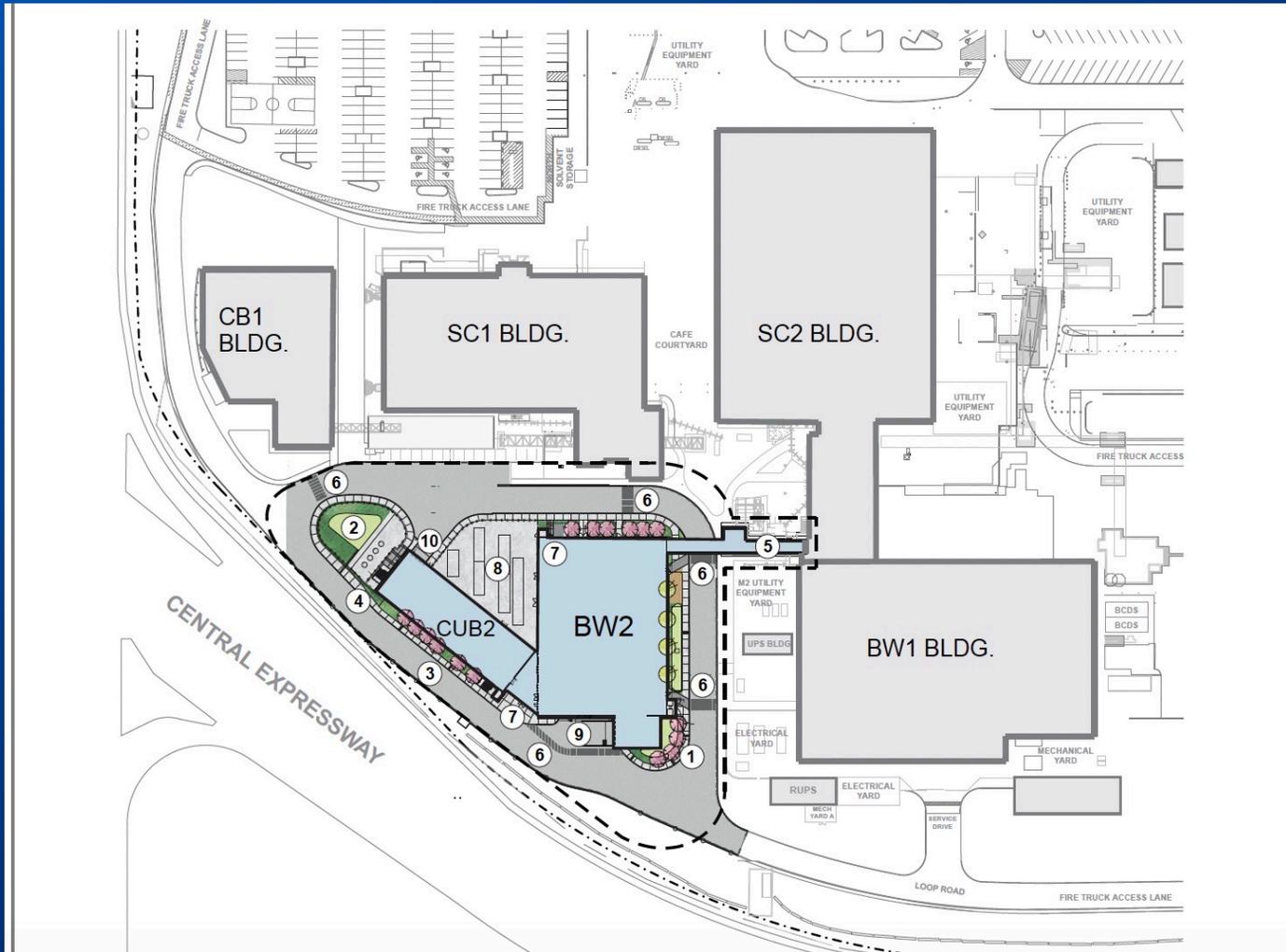
PARKING CALCULATIONS

PARKING CODE REQUIREMENTS	EXISTING		M4 FAB +CUB		TOTAL PARKING
	GFA (Sq.Ft)	Parking Req.	GFA (Sq.Ft)	Parking Req.	
Industrial (1/1000 SqFt)	93,282	93	25,301	25	118
Research & Development (1/750 SqFt)	92,085	123	13,196	18	141
Data Center (1/10,000 SqFt)	10,872	1	3,516	0	1
TOTAL PARKING REQUIRED		217		43	260
SITE PARKING AVAILABLE*					435

Refer to zoning diagrams sheets for detailed calculations.

*Accounts for parking reductions due to SOW 707, north electric yard expansion under permitting with City

Note: No additional Head count is being added for the project

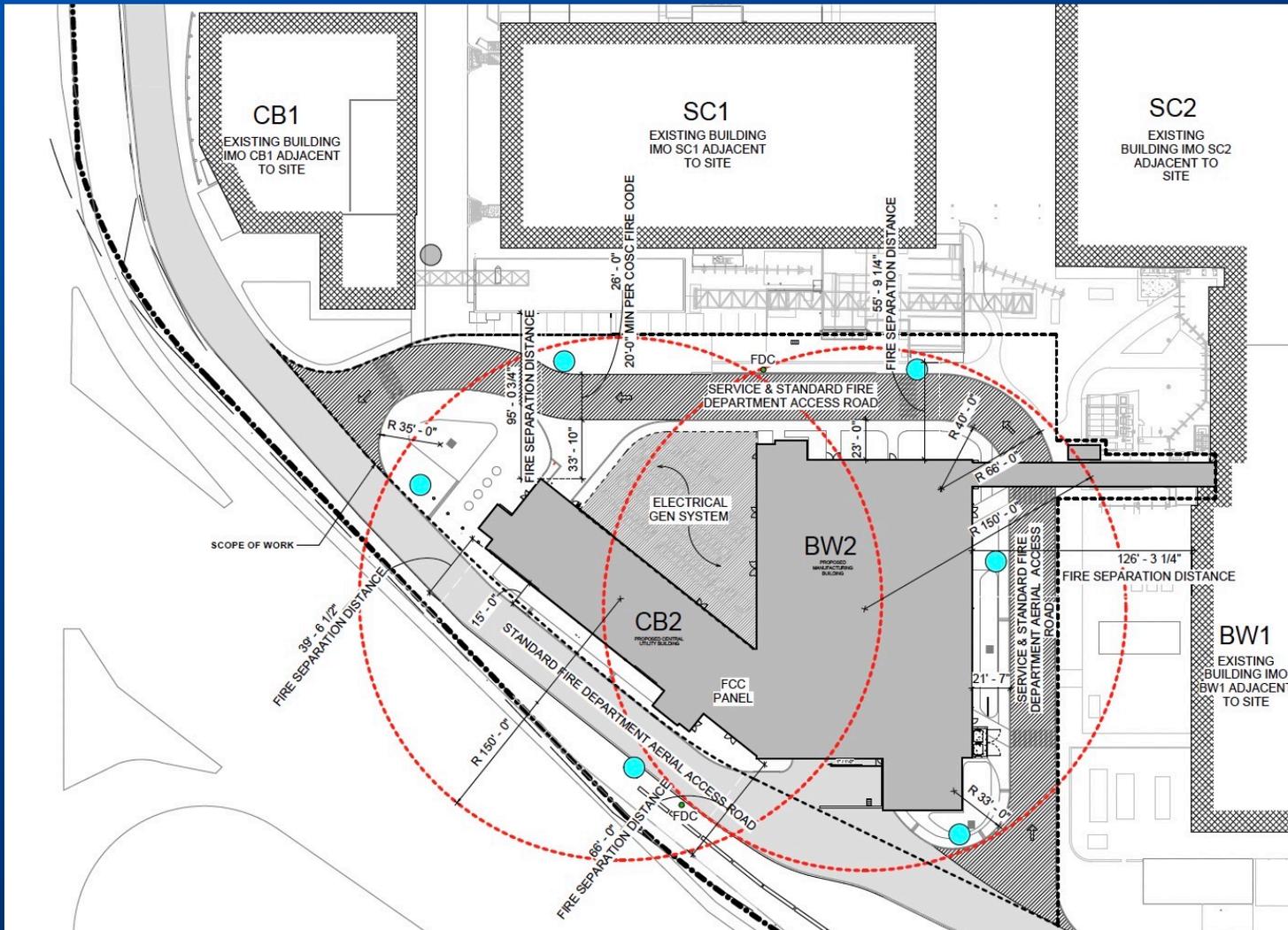


LEGEND

1. GREEN SPACE & RETENTION
2. UTILITY YARD
3. LOOP ROAD - ADJUSTED FOR SITE FIT
4. ARCHITECTURAL SCREEN WALL
5. ABOVE GROUND LINK
6. CROSSWALK
7. BW2 MAIN ENTRANCES
8. ELECTRICAL GENERATION SYSTEM
9. EQUIPMENT LOADING DOCK
10. CUB2 MAINTENANCE ACCESS

BWC KEY PLAN





E2
BWC
KEY PLAN

FIRE ACCESS LEGEND

- IS/FOOT FIRE APPLIANCE ACCESS ROAD
- - - PROPERTY LINE
- - - PROJECT SITE BOUNDARY
- ▨ PROPOSED FIRE ACCESS LAINE
- ▨ EXISTING FIRE ACCESS LAINE
- PROPOSED FIRE HYDRANT
- EXISTING FIRE HYDRANT TO REMAIN
- FIRE DEPARTMENT CONNECTION

NOTES:

FIRE DEPARTMENT APPARATUS ACCESS AND WATER SUPPLY SHALL COMPLY WITH CITY OF SAN JOSE PLANS, REGULATIONS, LOCAL FIRE ORDINANCES, FIRE DEPARTMENT ACCESS REQUIREMENTS, AND APPROVED OF THE CALIFORNIA FIRE CODE.

ROADS WILL NOT EXCEED ONE (1) LANE AND WILL BE CAPABLE OF SUSTAINING A 75,000 LB LOAD.

ROOMS AT THIS AREA HAS OCCUPANCY. ALL ROOMS IN CODE ARE 1-1 AND 1.1.3.1 OCCUPANCY.