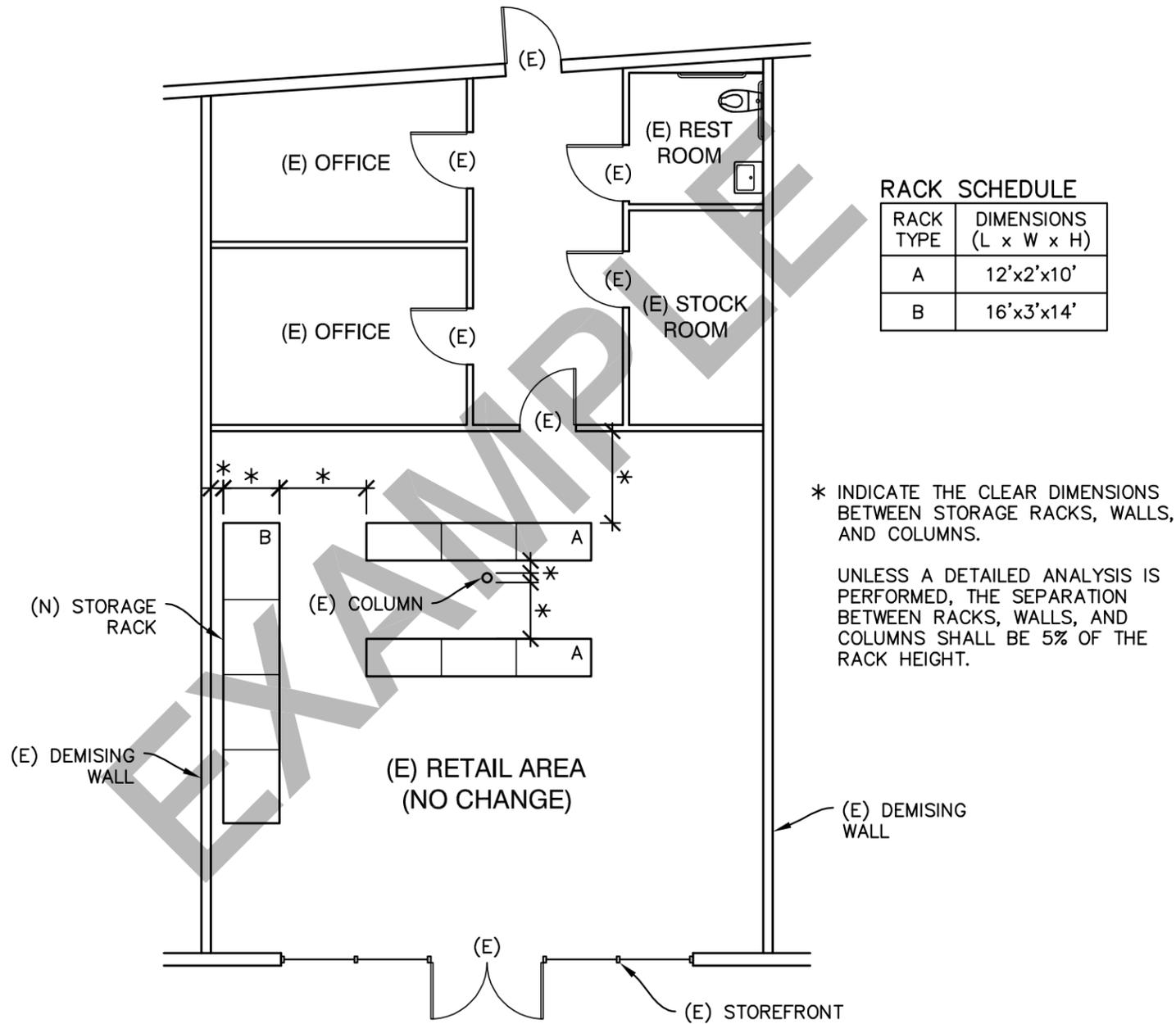




STORAGE RACKS

THIS PLAN IS AN EXAMPLE ONLY. DEPENDING ON THE NATURE OF YOUR PROJECT, BUILDING & SAFETY MAY REQUIRE ADDITIONAL PLANS AND/OR CALCULATIONS TO DEMONSTRATE CODE COMPLIANCE.



RACK SCHEDULE	
RACK TYPE	DIMENSIONS (L x W x H)
A	12'x2'x10'
B	16'x3'x14'

* INDICATE THE CLEAR DIMENSIONS BETWEEN STORAGE RACKS, WALLS, AND COLUMNS.

UNLESS A DETAILED ANALYSIS IS PERFORMED, THE SEPARATION BETWEEN RACKS, WALLS, AND COLUMNS SHALL BE 5% OF THE RACK HEIGHT.

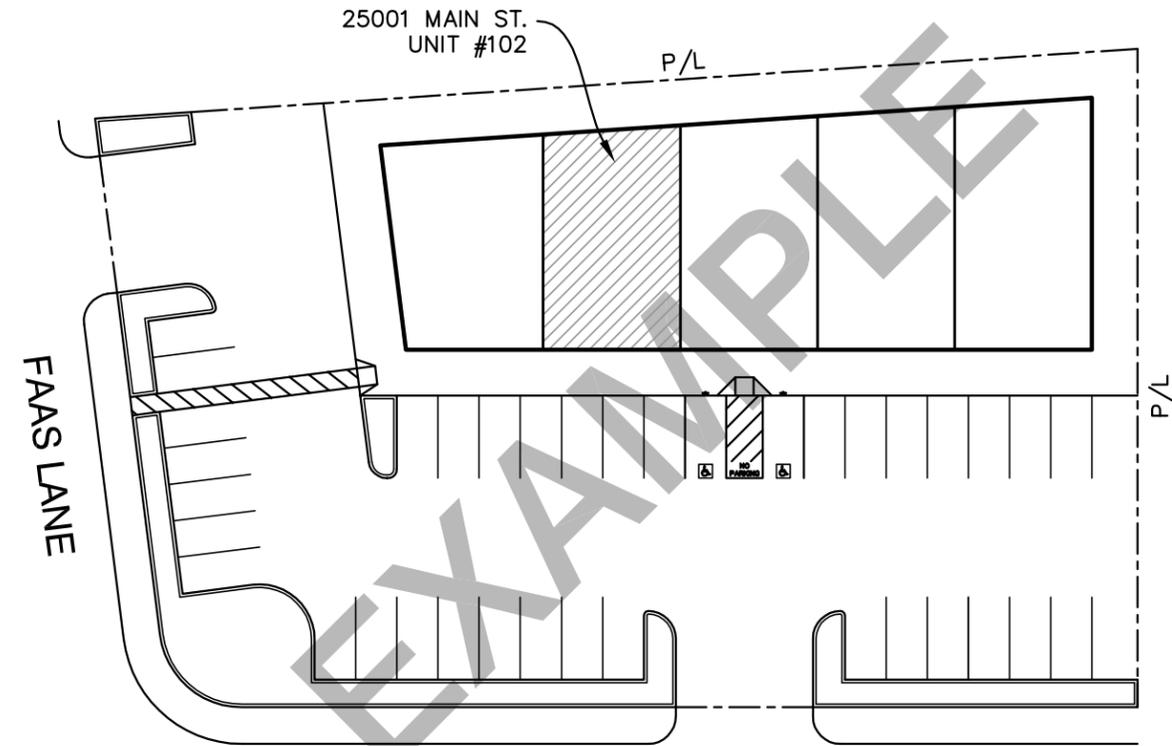
FLOOR PLAN

SCALE: 1/8" = 1'-0"



DESCRIPTION OF WORK

CONSTRUCT (3) NEW STORAGE RACKS IN EXISTING RETAIL SPACE.



MAIN STREET

SITE PLAN

SCALE: 1" = 40'



PERMIT / ENGINEERING REQUIREMENTS

A BUILDING PERMIT IS REQUIRED FOR STORAGE RACKS EXCEEDING 6 FEET IN HEIGHT

STRUCTURAL ENGINEERING DRAWINGS FOR STORAGE RACKS SHALL INCLUDE THE FOLLOWING:

- PLANS AND ELEVATIONS, FULLY DIMENSIONED
- CONNECTION DETAILS
- ANCHORAGE DETAILS
- MATERIAL SPECIFICATIONS
- ALLOWABLE PRODUCT LOADS PER LEVEL

STRUCTURAL CALCULATIONS FOR STORAGE RACKS SHALL BE BASED ON ASCE 7.

PLANS AND CALCULATIONS SHALL BE SEALED AND SIGNED BY THE RACK ENGINEER.

BASIC PLAN REQUIREMENTS

- PLANS SHALL BE DRAWN ON SUBSTANTIAL PAPER (11"x17" OR LARGER).
- PLANS SHALL BE DRAWN TO SCALE. FLOOR PLANS SHALL BE MINIMUM 1/8" = 1'-0" SCALE.
- TEXT SHALL BE LEGIBLE.
- SHEETS SHALL BE NUMBERED.
- WORK DONE ON COPIES OF PREVIOUSLY APPROVED PLANS IS NOT ACCEPTABLE.

SCOPE OF WORK

- THE FIRST SHEET OF PLANS SHALL INCLUDE A DESCRIPTION OF WORK, THE NAME OF THE OWNER/TENANT, AND THE DESIGNER'S NAME AND CONTACT INFORMATION.
- EACH SHEET OF PLANS SHALL INCLUDE THE PROJECT ADDRESS.
- INDICATE THE USE OF EACH ROOM ON THE FLOOR PLAN.



Figure 2-1 Cross-aisle collapse in the building materials section of the Santa Clarita store.



Figure 2-2 Cross-aisle collapse in the tile section of the Santa Clarita store.



Figure 2-3 Cross-aisle collapse at Santa Clarita store showing good performance of shrink wrapped merchandise.