

APPLICANT:  
 J.B BROWN & CO.  
 36 DANFORTH STREET  
 PORTLAND, MAINE 04101

PROJECT ARCHITECT:  
 HKTA / ARCHITECTS  
 30 DANFORTH STREET, SUITE 209  
 PORTLAND, MAINE 04101

PROJECT SCOPE:  
 22 FREE STREET RENOVATION; PROJECT INVOLVES RENOVATIONS OF EXISTING OFFICE SPACE FOR NEW OFFICE ARRANGEMENT WITH NO CHANGE IN USE AND NO EXPANSION OF THE EXISTING FLOOR AREA. BUILD OUT OF EXISTING SUITE.

SQUARE FOOTAGE: 2516 FT<sup>2</sup> LEVEL: PARTIAL SECOND FLOOR, TOTAL NUMBER OF STORIES IN EXISTING BUILDING - 4

DESIGN CRITERIA:  
 PROPOSED USE OF STRUCTURE:  
 NFPA 101 2009; CLASSIFICATION OF OCCUPANCY - 6.1.11 BUSINESS  
 IBC 2009, CHAPTER 3 USE AND OCCUPANCY CLASSIFICATION - SECTION 304 BUSINESS GROUP B

BUILDING CONSTRUCTION: TYPE IIIB 200, IBC; TYPE III

EXISTING FIRE PROTECTION: AUTOMATIC SPRINKLER SYSTEM, NFPA CHAPTER 9 PER NFPA 13 FULLY PROTECTED SUPERVISED FIRE ALARM SYTEM - CHAPTER 9, 9.7.2

SITE CRITERIA: EXISTING BUILDING

APPLICABLE CODES:  
 IBC 2009 NFPA 45  
 NFPA 2009 MAINE STATE PLUMBING CODE  
 NFPA 13 MAINE HUMAN RIGHTS ACT  
 ADA/ADAAG GUIDELINES

NFPA 101 CODE SUMMARY:  
 CLASSIFICATION OF OCCUPANCY: BUSINESS - CAPTER 39 - EXISTING BUSINESS

SEPARATED OCCUPANCY 6.1.14.4: TABLE 6.1.14.4.1B, MERCANTILE - BUSINESS, WHERE BUILDING PROTECTED THROUGHOUT BY AUTOMATIC SPRINKLER SYSTEM 6.1.14.4.3 ALLOWS 1 HOUR SEPARATION.

OCCUPANT LOAD - 7.3.1.2 ASSIGNED USE  
 BUSINESS - 100 FT<sup>2</sup> / PERSON  
 CONFERENCE ROOM - 15 FT<sup>2</sup> / PERSON  
 BUSINESS AREA = 2159 FT<sup>2</sup>  
 CONFERENCE AREA = 357 FT<sup>2</sup>  
 OCCUPANT LOAD = 2159/100 + 357/15 = 21.6 + 20 = 41.6 = 42 OCCUPANTS

MEANS OF EGRESS: SEE TABLE A7.6 AND 7.6.1 AND 7.6.5  
 COMMON PATH OF TRAVEL - ALLOWED 100'; EXISTING UNCHANGED 116'-4"  
 DEAD END - ALLOWED 50'; PROVIDED <50"

TRAVEL DISTANCE LIMIT - ALLOWED 300'; EXISTING UNCHANGED 150'-10" TO RESPECTIVE ENCLOSED EXIT OR EXIT PASSAGEWAY.

TRAVEL DISTANCE FROM MOST REMOTE POINT TO EXIT DISCHARGE - FROM POINT A TO EXIT DISCHARGE 241'-8" AND 247'-10"

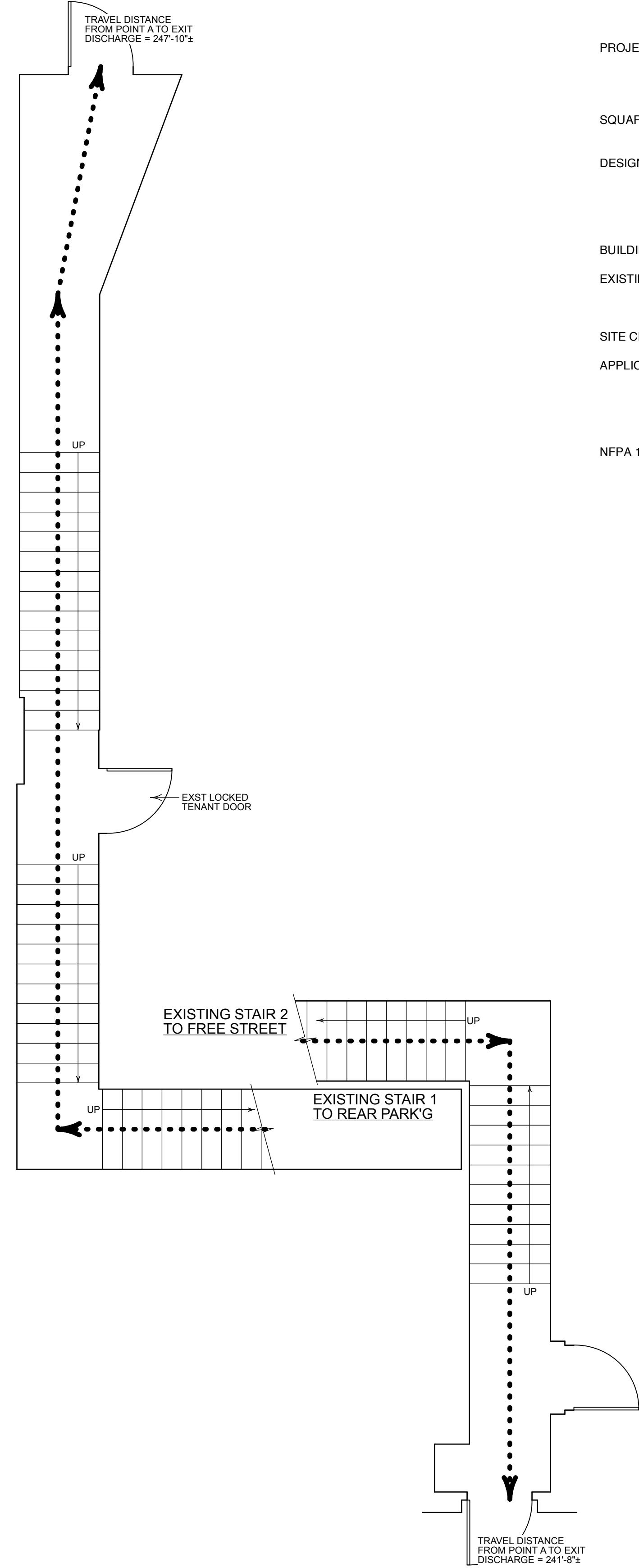
ELEVATOR: EXISTING

CHAPTER 39 - EXISTING BUSINESS  
 NUMBER OF EXITS - 2, PER 39.2.4

TRAVEL DISTANCE TO EXITS - 39.2.6.3 MAX 300' WITH SPRINKLER SYSTEM

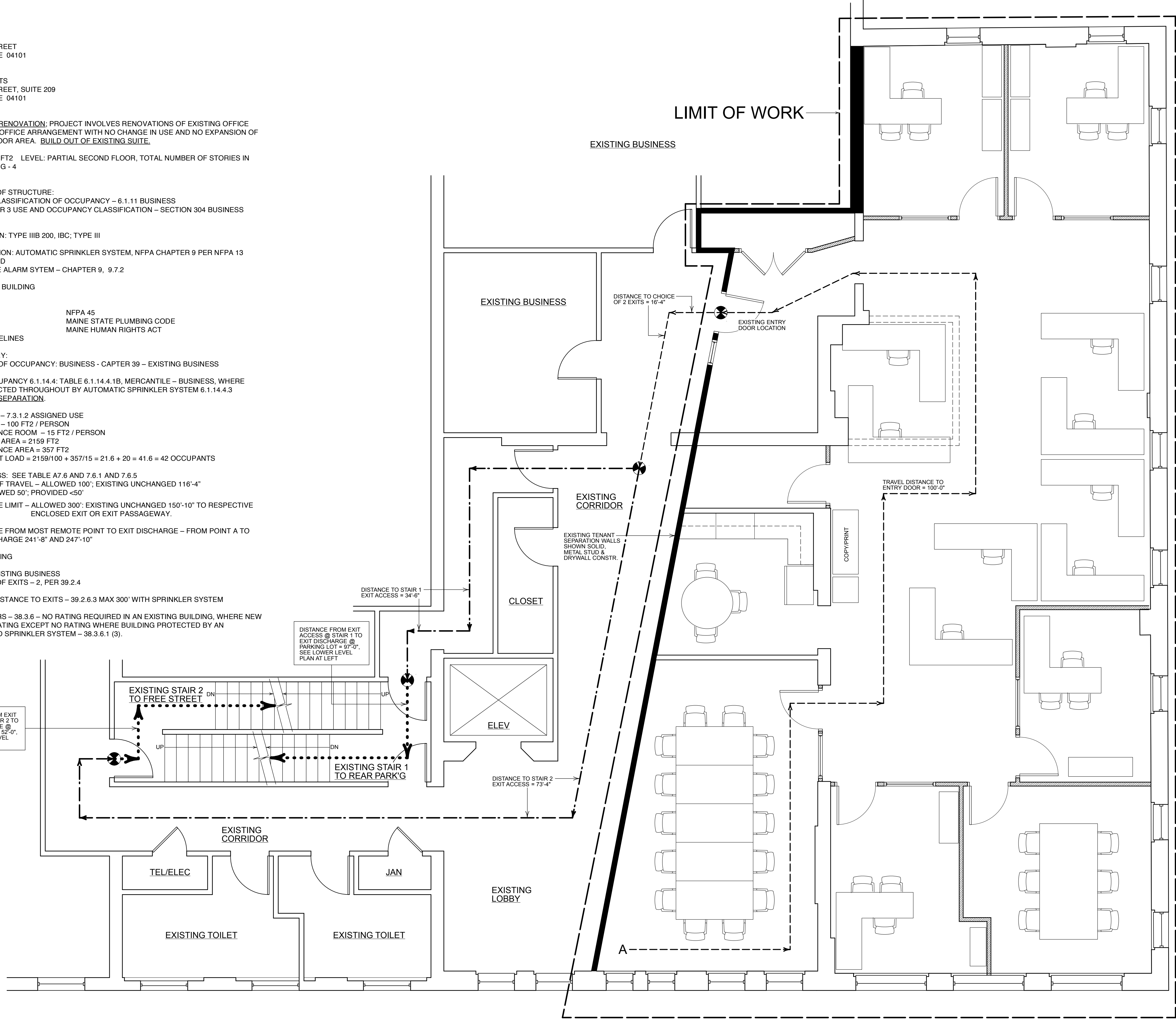
CORRIDORS - 38.3.6 - NO RATING REQUIRED IN AN EXISTING BUILDING, WHERE NEW 1 HOUR RATING EXCEPT NO RATING WHERE BUILDING PROTECTED BY AN APPROVED SPRINKLER SYSTEM - 38.3.6.1 (3).

PARKING LOT



FREE STREET

LOWER LEVEL EGRESS STAIRS/ CORRIDORS



LIMIT OF WORK

EXISTING BUSINESS

EXISTING BUSINESS

EXISTING CORRIDOR

CLOSET

ELEV

EXISTING LOBBY

TEL/ELEC

JAN

EXISTING TOILET

EXISTING TOILET

COPY/PRINT

DISTANCE TO CHOICE OF 2 EXITS = 16'-4"

EXISTING ENTRY DOOR LOCATION

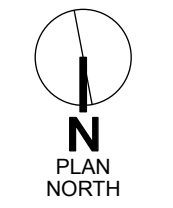
TRAVEL DISTANCE TO ENTRY DOOR = 100'-0"

DISTANCE TO STAIR 1 EXIT ACCESS = 34'-6"

DISTANCE FROM EXIT ACCESS @ STAIR 1 TO EXIT DISCHARGE @ PARKING LOT = 97'-0"

DISTANCE TO STAIR 2 EXIT ACCESS = 73'-4"

DISTANCE FROM EXIT ACCESS @ STAIR 2 TO EXIT DISCHARGE @ FREE STREET = 52'-0"



		No. 1 Date 8/25/15 Issue Notes For Construction Permit
Project No. 2015009 Drawing Code JBB 22 Free St.vwx Project Name 22 Free St.vwx Date 8/25/15 Revision Designer Checker Reviewer Submitter Project Manager	Design Firm HKTA/architects 30 Danforth Street Portland, Maine 04101	Project Name 22 Free St Renovations J.B. Brown & Sons Portland, Maine Drawing Title CODE ANALYSIS SHEET
Scale Sheet Scale		Drawing No. T-102 of 8 Total Sheets