ANALYSIS OF RAMP SCENARIOS:
THERE ARE TWO POSSIBLE LOCATIONS OF THE BUILDING'S PROPERTY LINE:
1) PROPERTY LINE = FACE OF BUILDING (B3 ZONING ALLOWS FOR 100% LOT COVERAGE)
2) PROPERTY LINE = 5.5' OUT FROM FACE @ APPARENT CURB / ALLEY INTERFACE (GIVEN BULKHEAD AND CURB IT IS POSSIBLE THIS IS LOT LINE - IT ALSO ALIGNS WITH A STEP OUT IN FACE OF BUILDING (CBL 032 1013)

CASE 1) DOES NOT ALLOW ANY CONSTRUCTION BEYOND LOT LINE THEREFORE NO RAMP CAN BE BUILT.
CASE 2) LIMITS RAMP LENGTH TO 5.5', BUT DROP IS 12" WHICH IS TOO STEEP PER ADA SEC. 405 (1:10 MAX.), *AND* THERE IS NO SPACE FOR A 60" LANDING (ADA 405.7 ADVISORY REQ.) THEREFORE NO COMPLIANT RAMP CAN BE BUILT.

BULKHEAD PROJECTS 5'-6" FROM FACE OF BUILDING

ONLY POSSIBLE LOCATION FOR RAMP ACCESS

RAMP SECTION:
PER ADA SEC. 405: IF A RAMP RISE IS OVER 3" THEN SLOPE CANNOT BE GREATER THAN 1:10. THE MIN. SLOPE FOR THIS RAMP WOULD BE 1:5.5 AND THEREFORE NOT ALLOWED PER CODE.

ELEVATION OF EXISTING GRANITE STEP AT DOOR

EXIST. 12" GRANITE STEP

KAPLAN THOMPSON ARCHITECTS
102 EXCHANGE STREET
PORTLAND, ME 04101
207-842-2888
KAPLANTHOMPSON.COM

Blyth & Burrows
26 Exchange Street
Portland, ME 04101

PHASE:	FOR PERMIT / CONSTRUCTION
SCALE:	3/4" = 1'-0"
DATE:	12/09/2016
REVISED:	

RAMP INFEASIBILITY ANALYSIS

AE-1.4