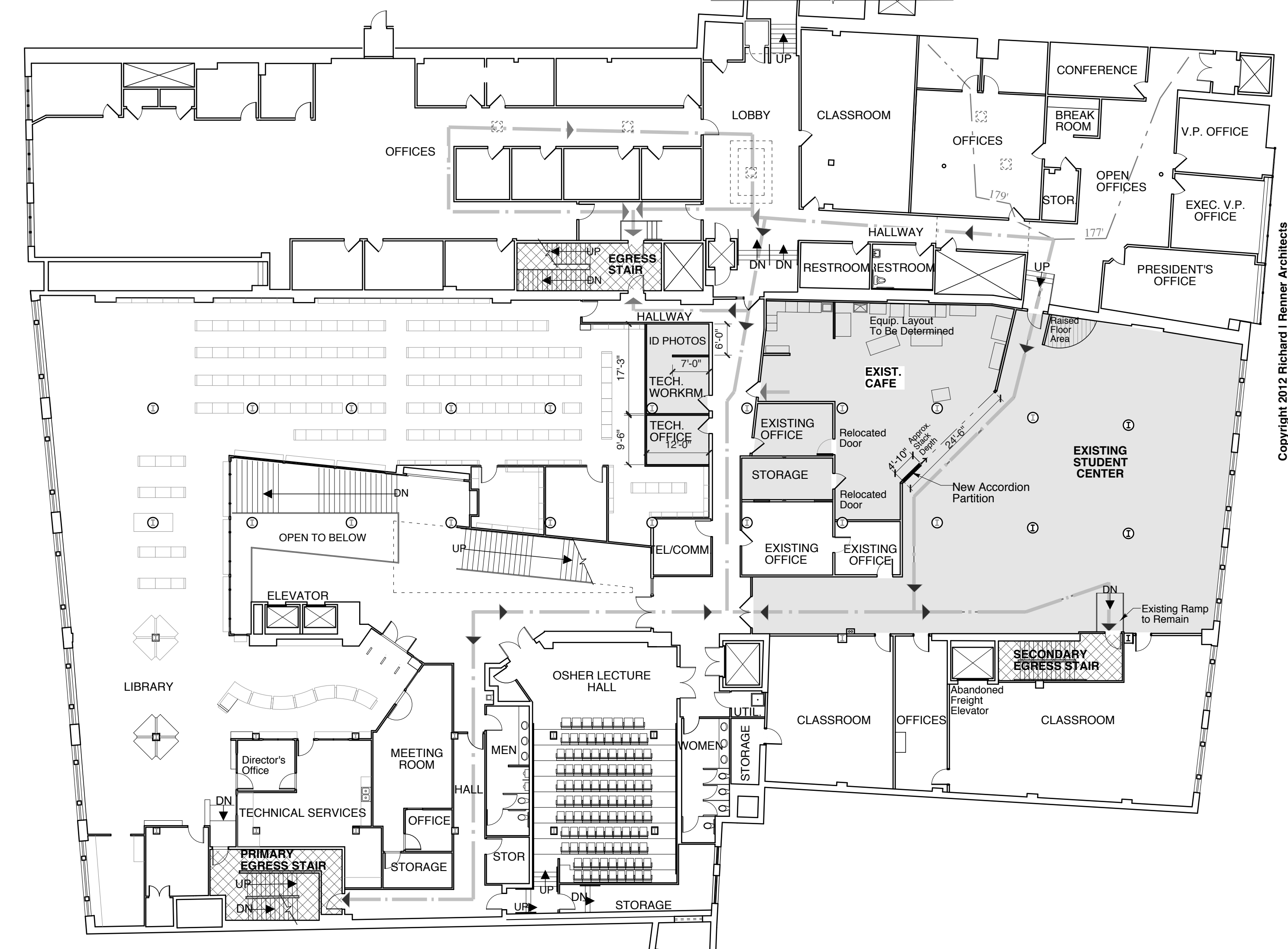
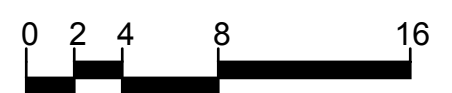
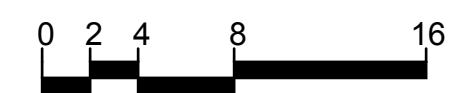


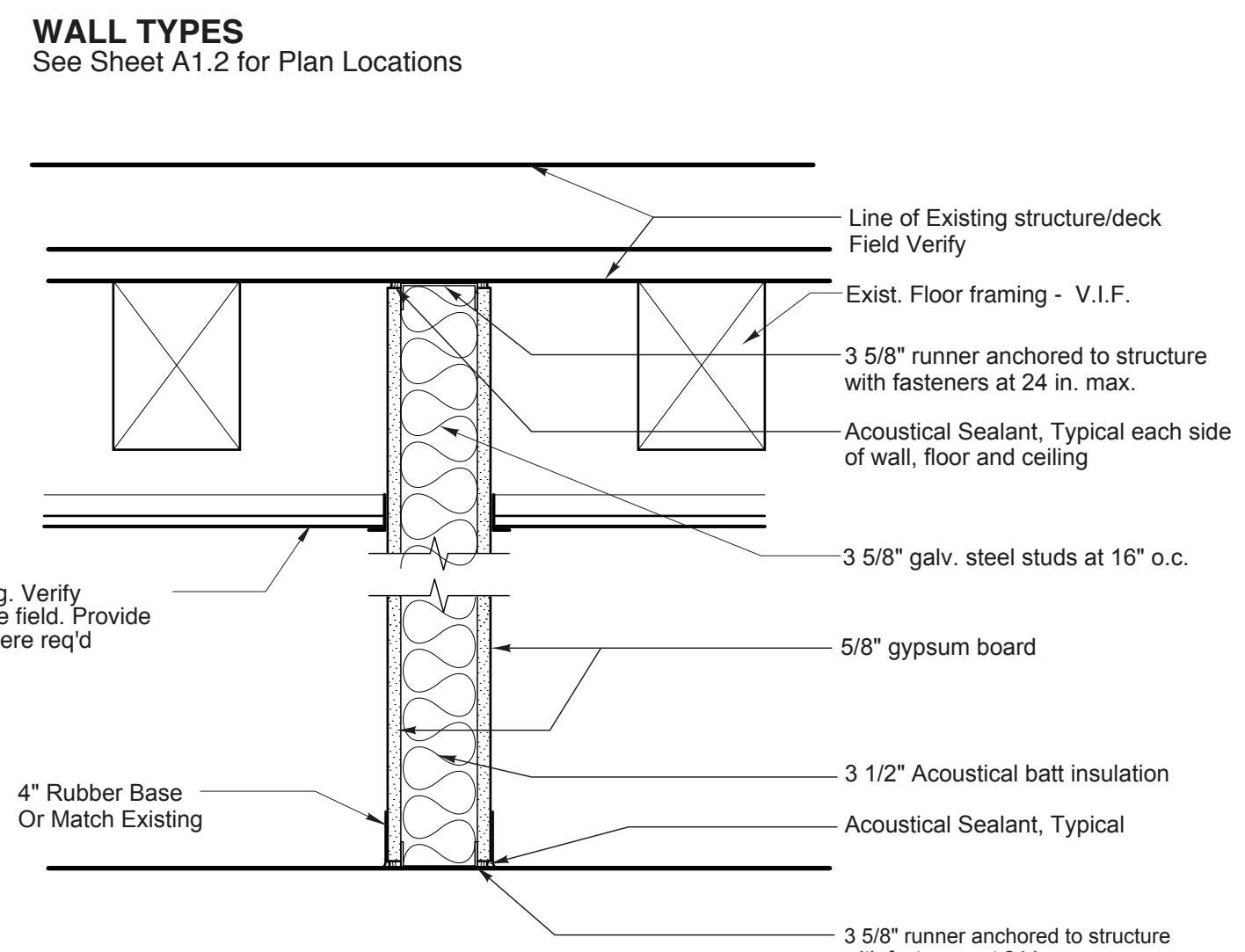
1 Existing Second Floor - Demolition Plan
SCALE: 1/16" = 1'-0"



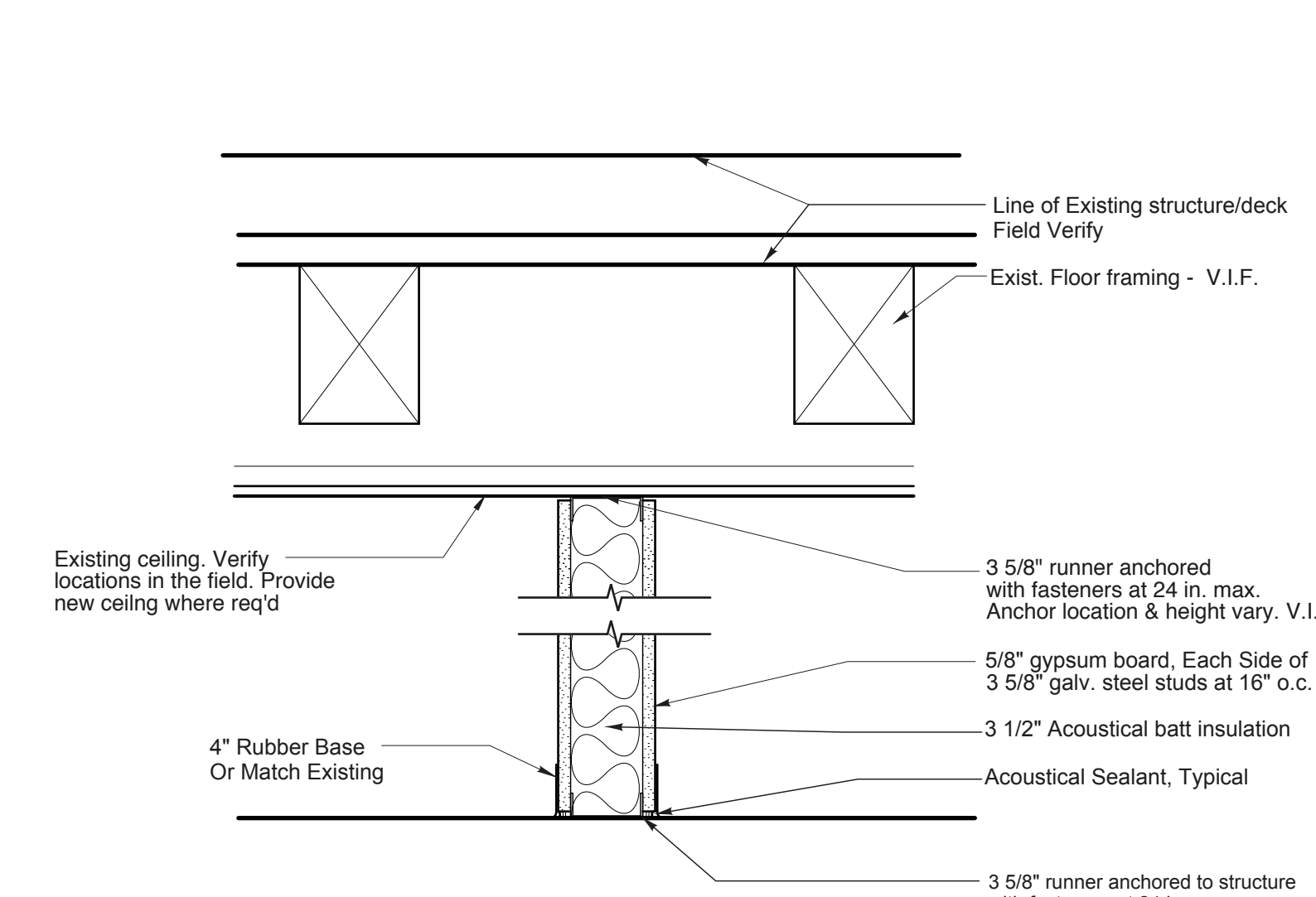
2 Existing Second Floor Plan - Proposed Alterations
SCALE: 1/16" = 1'-0"



GRAPHIC KEY		
	Renovated Areas	
	2hr Fire Rated Stair (existing)	
	New Walls	
	Existing Walls	
	Existing Walls To Be Removed	
	Existing Doors To Be Removed/Relocated	



1 New Metal Stud Partition
Extend to Deck above for Sound Isolation



2 New Metal Stud Partition
Extend to Exist. or New Ceiling above.

PROPOSED CAFE & STUDENT CENTER PLAN ALTERATIONS		
BUILDING CODE ANALYSIS (IBC 2009, & 2009 NFPA 101)		
Use and Occupancy Classification	Business Group B	
Automatic Sprinkler System	The building is currently fully sprinklered per NFPA 13	
Existing Building Information		
	Second Floor	Total Floor Area = Approx 11,778 sq ft
Means of Egress Components		
Exit access travel distance w/ automatic sprinkler system	300 ft (IBC Table 1016.1)	300 ft (NFPA 101, 39.2.6.1)
	Not Exceeded	
Minimum number of exits required per floor Exits Provided	(2) (IBC Table 1021.1)	(2) (NFPA 101, 7.4.1.1)
Min. number of exits required for Combined Cafe/Student Center	(2) (IBC Table 1021.1)	(2) (NFPA 101, 7.4.1.1)
Minimum width = 3'-0" (3 exits provided total width = 12'-0")		
Maximum Common Path of Travel	100 ft (IBC Table 1014.3)	100 ft (NFPA 101, 39.2.5.3.1 & 7.5.1.1.4)
	Not Exceeded	
Exit Through Intervening Spaces	Allowed per (NFPA 101, 7.5.1.2, 7.5.1.2.1) and (IBC 1014.2) Marked and identified per 7.10	
Occupant Load (NFPA 101 Table 7.3.1.2, and IBC 1004.1.1)		
Cafe Food Serving (including washing area)	861 sq ft	
Occupant Load calculated using Occupant Load Factor of 100 gross sq ft per person		Occupancy Load = 9 persons
Cafe Area (Not incld. serving and washing area)	424 sq ft	
Occupant Load calculated using Occupant Load Factor of 15 net sq ft per person		Occupancy Load = 28 persons
Combined Occupant Load:	Occupancy Load = 9+28 =	37 persons

RRR
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MAINE COLLEGE OF ART
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Portland, Maine

Proposed Cafe and Student Center Alterations
Drawn by: File Name:
Scale: 1/16"=1'-0" Project No.
Date: 06-11-2012 Revised:

Floor Plans
A1.1