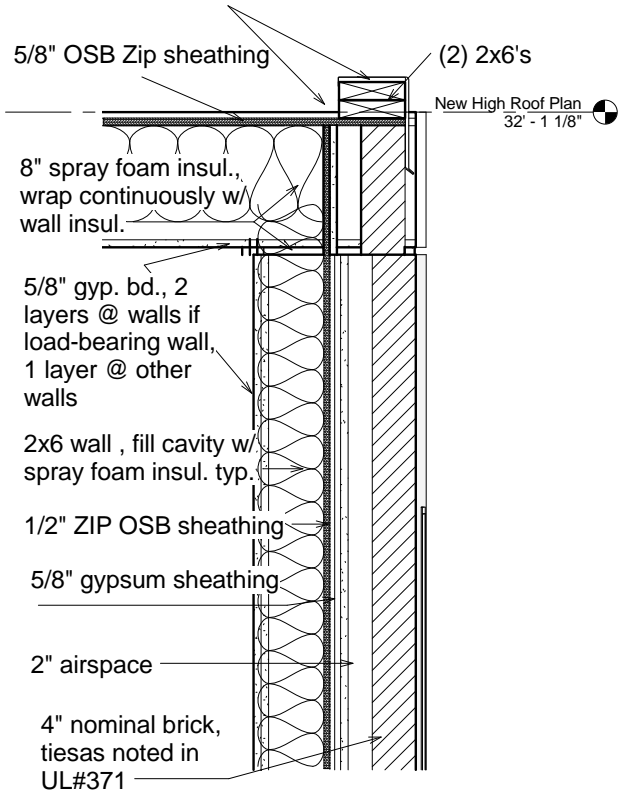
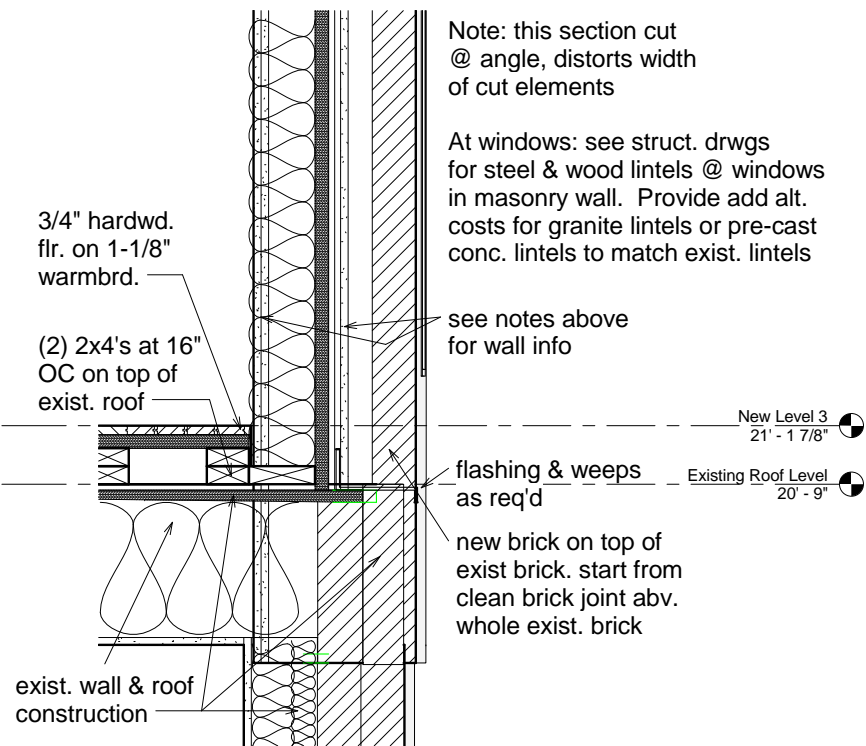


EPDM roof membrane, wrap up around blocking & under mtl cap



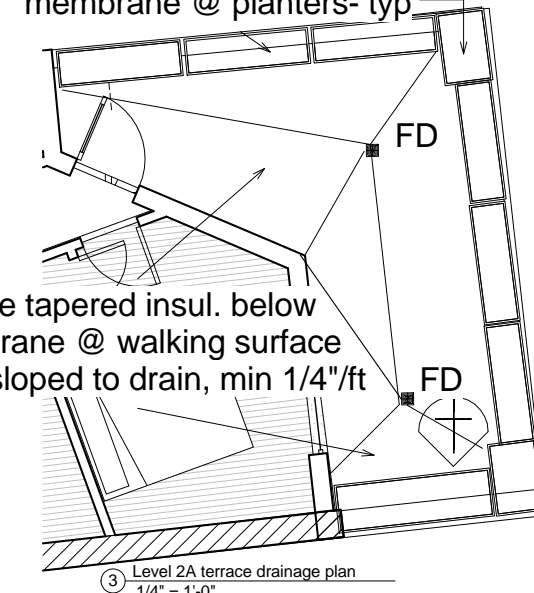
2 Section thru Top Roof @ Masonry wall  
1 1/2" = 1'-0"



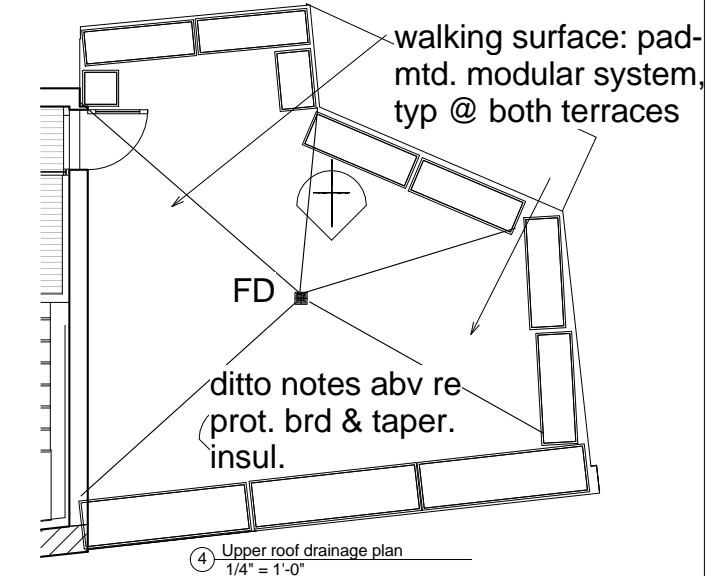
1 Wall Section @ new & exist masonry  
1 1/2" = 1'-0"

R-VALUE CALCULATIONS		
<b>WALLS</b>	Metal Panel	Brick Veneer
air barrier	0.17	0.17
brick		0.8
5/8" gypsum sheathing	0.56	0.56
1/2" OSB sheathing	0.62	0.62
5.5" closed cell poly insul	34.125	34.125
2 layers 5/8" gyp. Bd.	1.12	1.12
air barrier	0.68	0.68
<b>TOTAL R VALUE</b>	<b>37.275</b>	<b>38.075</b>
<b>ROOFS</b>	High Roof	Terrace Roofs
air barrier	0.17	0.17
rigid insul - avg. 2.5" th.		10
5/8" OSB sheathing	0.78	
3/4" OSB sheathing		0.93
8" closed cell poly insul	52	52
1 layer 5/8" gyp. Bd.	0.56	0.56
air barrier	0.68	0.68
<b>TOTAL R VALUE</b>	<b>54.19</b>	<b>64.34</b>
<b>WINDOWS</b>	Based on Integrity triple-glazed Wood-Ultrex awning/casement/fix windows, argon-filled. Energy Star	
	<b>U = .19</b>	
	<b>SHGC = .27</b>	

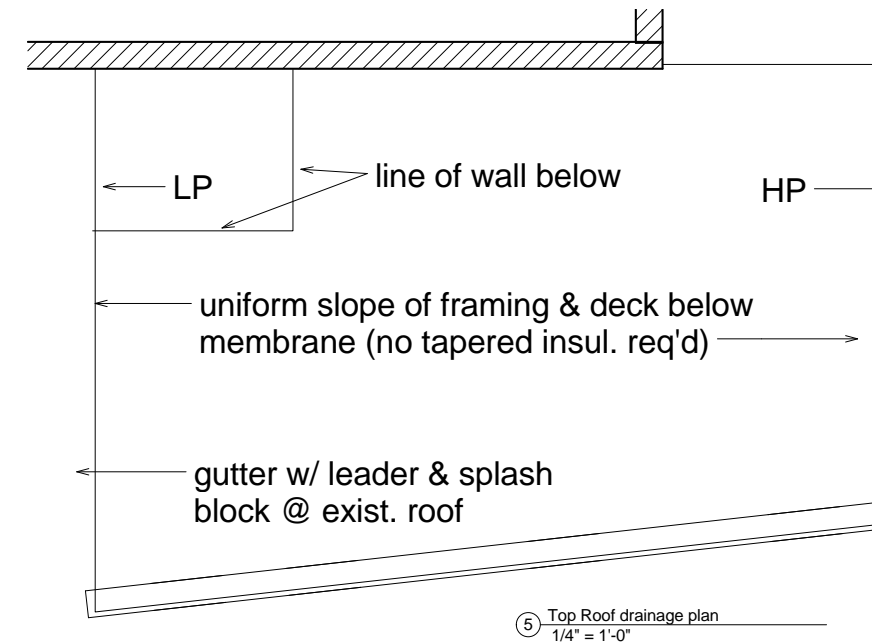
provide protection brd under membrane @ planters- typ



3 Level 2A terrace drainage plan  
1/4" = 1'-0"



4 Upper roof drainage plan  
1/4" = 1'-0"



5 Top Roof drainage plan  
1/4" = 1'-0"



**Reiter Architecture & Design**  
PO Box 275, Brooklin ME 04616 tel. 917-502-2225 email: laurenreiter@yahoo.com

**Becker Structural Engineers**  
75 York St # 3, Portland, ME 04101 Tel: (207) 879-1838

Revision Schedule		
Revision Number	Revision Description	Revision Date
	Issued for permit 8/15/15	

**Reiter Residence**  
35 Pleasant Street /  
6 South Street  
Portland, Maine 04101  
**RENOVATION**

Wall & Roof Details	
Project number	RENOVATION
Date	Issue Date
Drawn by	Author
Checked by	Checker
<b>A109</b>	
Scale	As indicated