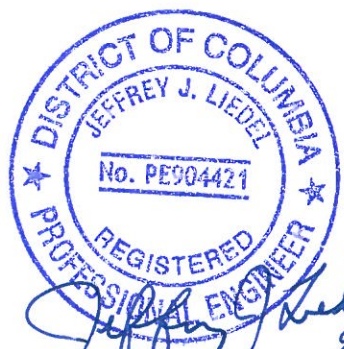


SUNROOM ADDITION FOR BLEND RESIDENCE
FOR GREAT DAY IMPROVEMENTS, WASHINGTON

DRAWING #	DESCRIPTION
1	COVER
2	ELEVATION – D WALL
3	ELEVATIONS A, B & C WALLS
4	DECK PLAN
5	ROOF PLAN, SECTIONS & SYSTEM DETAILS
6	SYSTEM DETAILS
7	SHINGLE ATTACHMENT DETAIL

NOTE – ALL SHEETS REVISED



Jeffrey J. Liedel
9/29/14
Exp 8/31/16

CORPORATE		HOME OFFICE 700 E. HIGHLAND ROAD MACEDONIA, OH. 44056	
LOCATION		GDI – WASHINGTON 10595 FURNACE ROAD SUITE 100 LORTON, VA. 22079 703-690-2009	
JEFF & DARLENE BLEND 1211 KALMIA RD. N.W. WASHINGTON, DC. 20012 JOB # 37608		REV. A-09-23-14	
DATE 07-10-14		DRAWN VNG	
SCALE 1/4" = 1'-0"		SHEET	
SHEET		OF 7	

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Board of Zoning Adjustment
District of Columbia
CASE NO.18962
EXHIBIT NO.4

MINIMUM DESIGN LOADS: (PER 2012 IRC)

NOTE: COMPONENTS HAVE BEEN CHECKED AGAINST DESIGN LOADS SHOWN & FOUND TO BE ACCEPTABLE STRUCTURALLY

DEAD LOADS:

1. ROOF: 4 PSF
2. WALLS: 6 PSF
3. FLOOR: 12 PSF

SNOW LOADS:

1. GROUND SNOW LOAD 25 PSF

WIND LOADS: 90 MPH 3 SEC. GUSTS

LIVE LOADS:

1. ROOF: 30 PSF
2. FLOOR: 40 PSF

DEFLECTION LIMITS:

1. ROOF: L/120 (PER 2012 IRC TABLE R301.7 NOTE C)
2. WALLS: L/175
3. FLOOR: L/240 (TOTAL LOAD), L/360 (LIVE LOAD)

NEW TREX HANDRAIL SYSTEM INSTALLED PER MANUFACTURERS INSTRUCTIONS

NEW LANDING

48"
LANDING /
STAIRS

36 1/2"
OPEN
DECK

EXISTING

EXISTING

3' x 3' TEMPERED INSULATED GLASS ROOF PANEL TYP. (2) PLACES

6" SUPER FOAM ROOF PANEL WITH CERTAINTED 25 YR. SHINGLES TO MATCH EXISTING ATTACHED PER DETAIL ON SHEET 7

SCREEN UNITS

TEMPERED GLASS KNEEWALLS

EXISTING DECK

EXISTING 2x10 JOISTS @ 16" C/C

NEW 2x10

EXISTING 2x10

SIMPSON BCS2-2/4 POST CAP

NEW 4x4 POST (TYPICAL)

SIMPSON ABA44Z POST BASE W / 1 1/2" x 5" LONG POWERS WEDGEBOLT

NEW 14" DIA. x 30" DEEP CONCRETE PIER FOOTER (MIN. 3000 PSI CONCRETE)

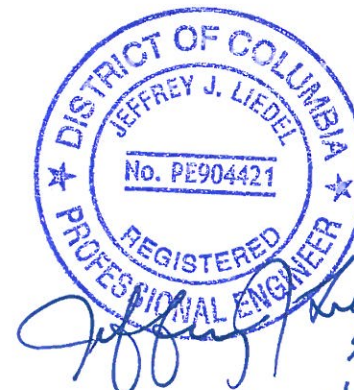
"D" WALL ELEVATION

SCALE: 1/4" = 1'-0"

NOTE: THIS ENCLOSURE IS NOT TO BE CONDITIONED OR USED AS A PERMANENT LIVING AREA.

NOTES:

1. ALLVIEW (AVS) ROOM; WHITE IN COLOR.
2. CONSTRUCT ENCLOSURE ON EXISTING DECK TO BE MODIFIED BY GDI.
3. NO HEAT OR PLUMBING BY GDI.
4. DOWNSPOUTS TO GRADE; LEADERS TO DRAIN WATER AWAY FROM FOUNDATIONS.
5. ALL LUMBER SPF#2 OR BETTER PRESSURE TREATED, AND APPROVED FOR GROUND CONTACT WHERE REQUIRED.



EXP 8/30/16

SECTION-D-D

SCALE: 1/2" = 1'-0"

CORPORATE

HOME OFFICE
700 E. HIGHLAND ROAD
MACEDONIA, OH. 44056



LOCATION

GDI - WASHINGTON
10595 FURNACE ROAD
SUITE 100
LORTON, VA. 22079
703-690-2009

JEFF & DARLENE BLEND
1211 KALMIA RD. N.W.
WASHINGTON, DC. 20012
JOB # 37608

REV. A-09-23-14

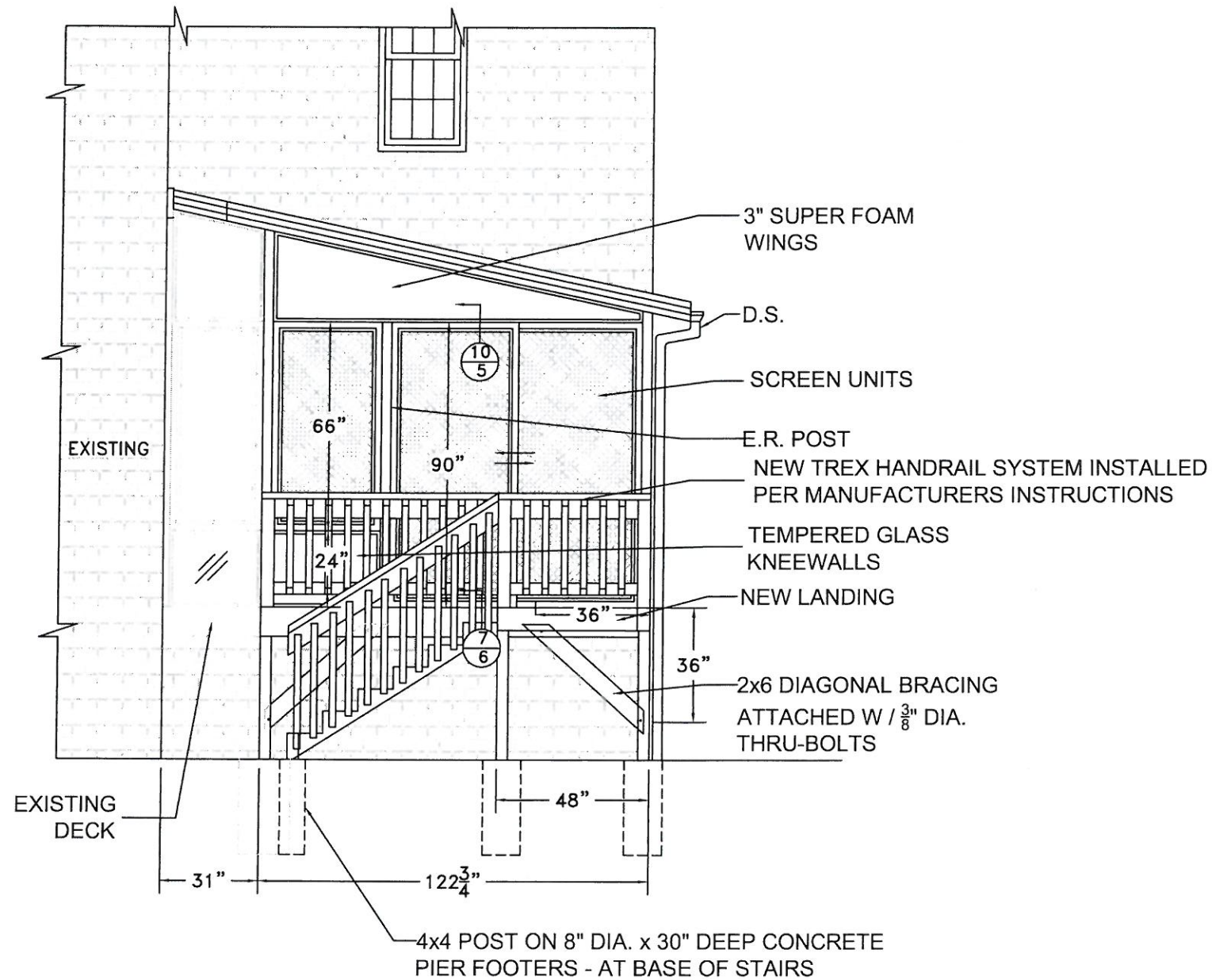
DATE
07-10-14

DRAWN VNG

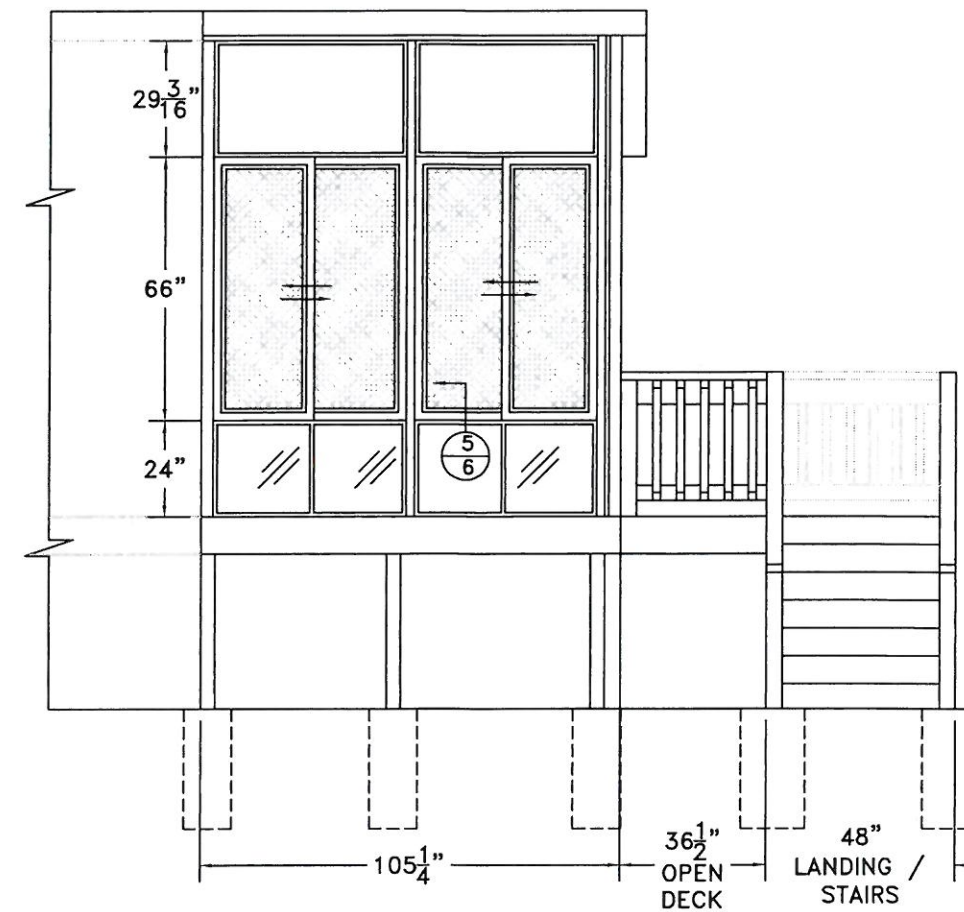
SCALE
AS NOTED

SHEET
2 OF 7

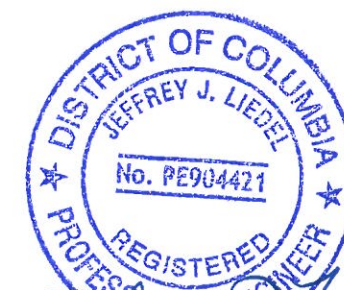
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"A" & "C" WALL ELEVATION

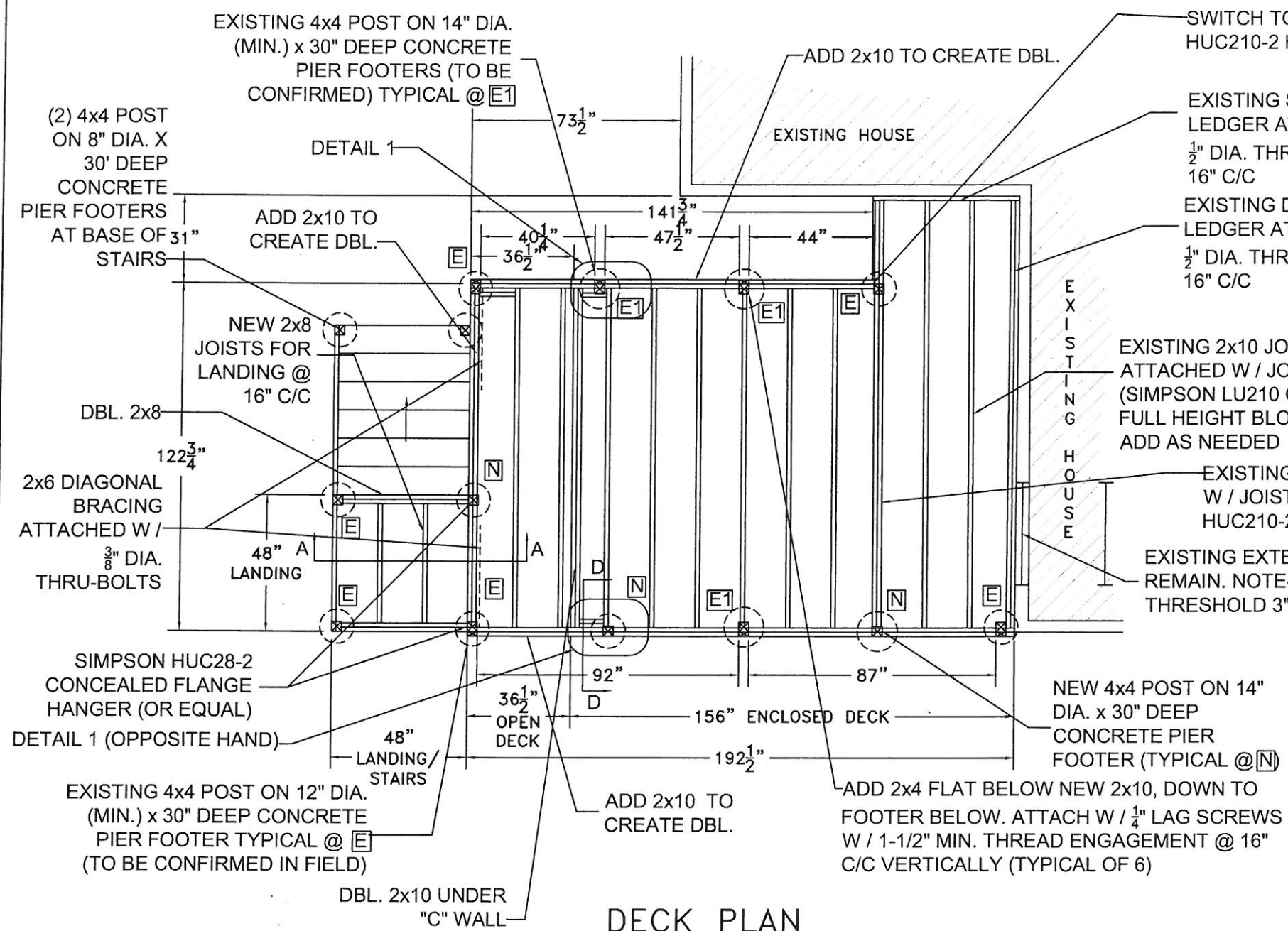


"B" WALL ELEVATION



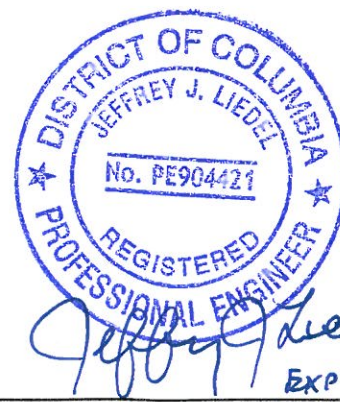
Jeffrey J. Liedel
9/29/14
Exp 8/31/16

REV. A-09-23-14	CORPORATE	HOME OFFICE 700 E. HIGHLAND ROAD MACEDONIA, OH. 44056
	LOCATION	GDI - WASHINGTON 10595 FURNACE ROAD SUITE 100 LORTON, VA. 22079 703-690-2009
		JEFF & DARLENE BLEND 1211 KALMIA RD. N.W. WASHINGTON, DC. 20012 JOB # 37608
DATE	DRAWN	SCALE
07-10-14	VNG	1/4" = 1'-0"
	SHEET	
	3 OF 7	



DECK PLAN
SCALE: 1/4" = 1'-0"

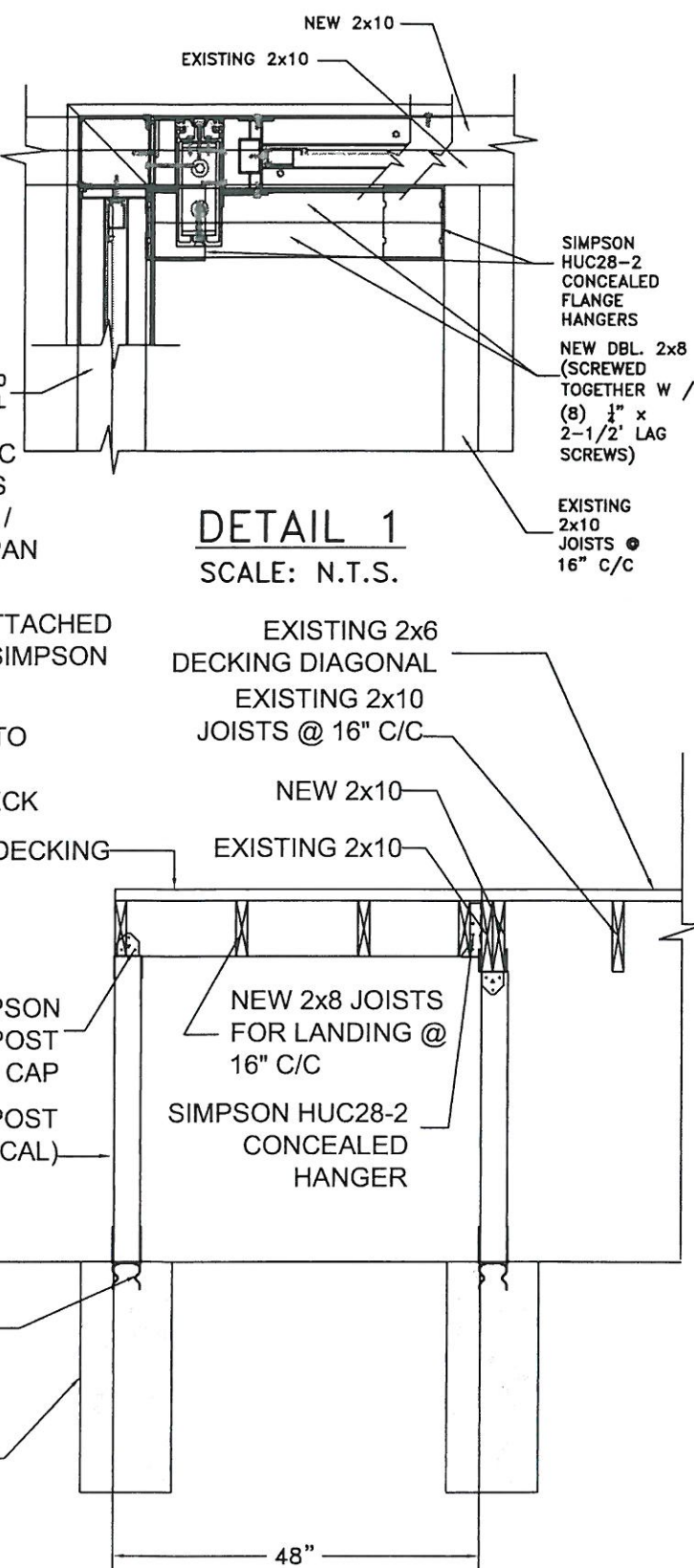
ALL DETAILS ON EXISTING DECK MUST BE CONFIRMED IN FIELD



SIMPSON PB44 POST BASE
NEW CONCRETE PIER FOOTER

SIMPSON BCS2-2/4 POST CAP
NEW 4x4 POST (TYPICAL)

SECTION-A-A
SCALE: 1/2" = 1'-0"



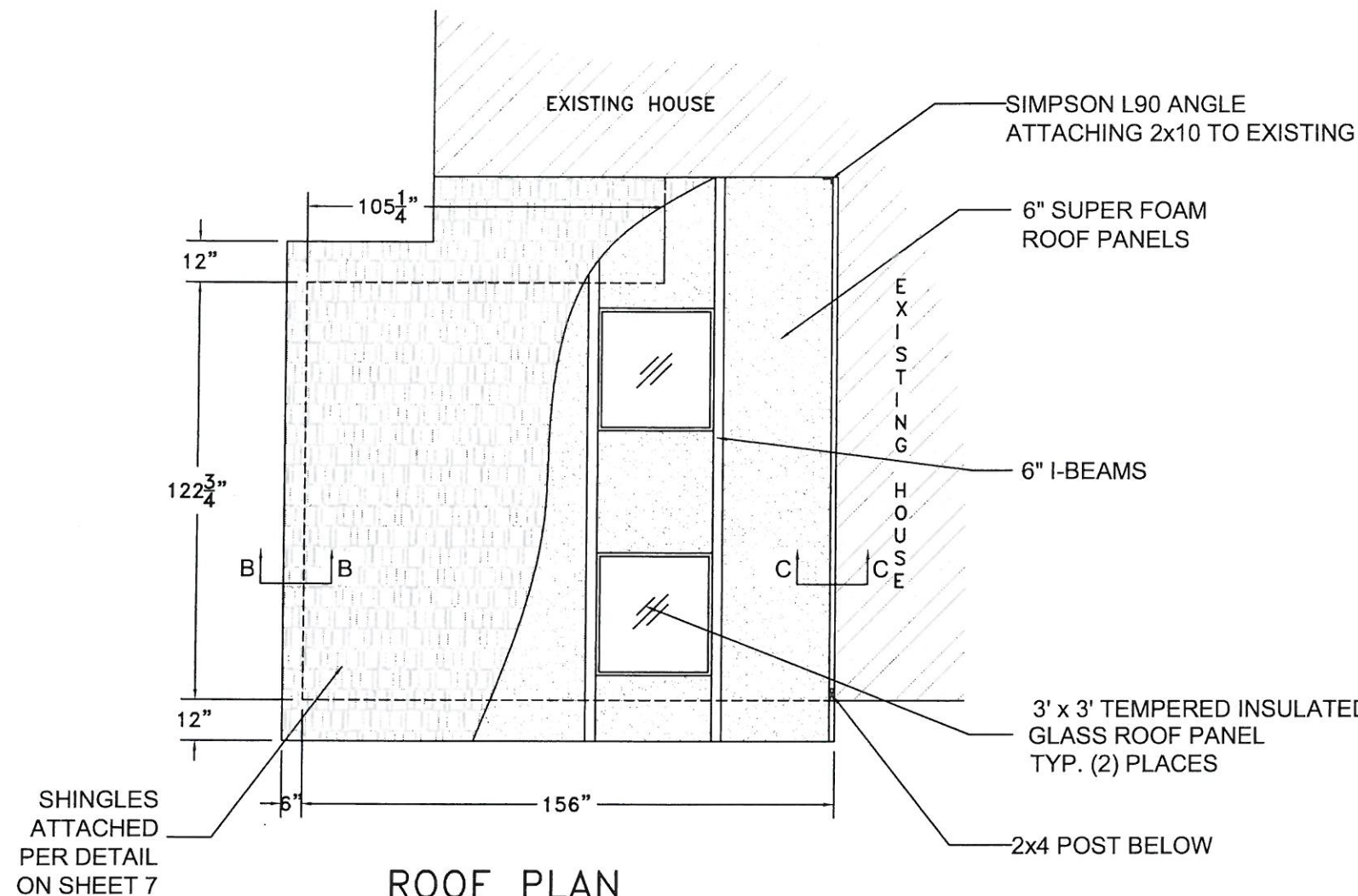
REV. A-09-23-14	*	*	*
DATE	07-10-14		
DRAWN	VNG		
SCALE	AS NOTED		
SHEET	4 OF 7		

JEFF & DARLENE BLEND
1211 KALMA RD. N.W.
WASHINGTON, DC. 20012
JOB # 37608

LOCATION
GDI - WASHINGTON
10595 FURNACE ROAD
SUITE 100
LORTON, VA. 22079
703-690-2009

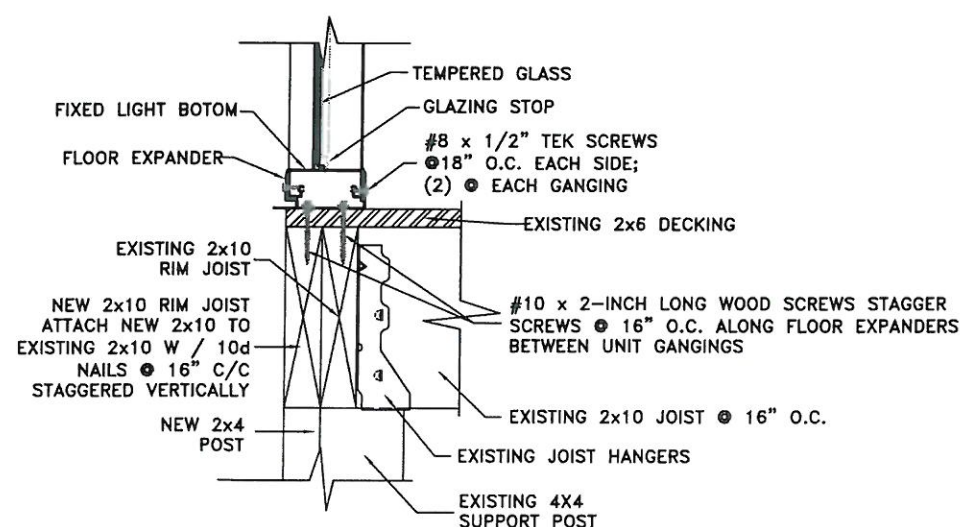


CORPORATE
HOME OFFICE
700 E. HIGHLAND ROAD
MACEDONIA, OH. 44056



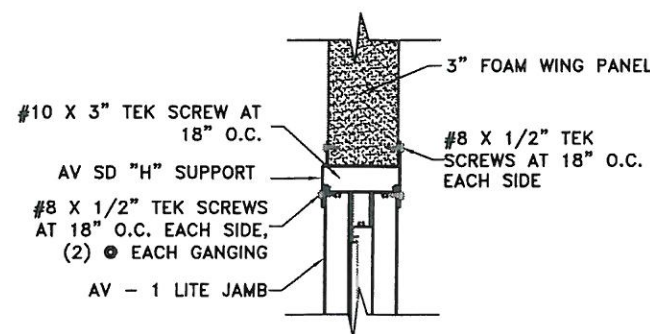
ROOF PLAN

SCALE: 1/4" = 1'-0"



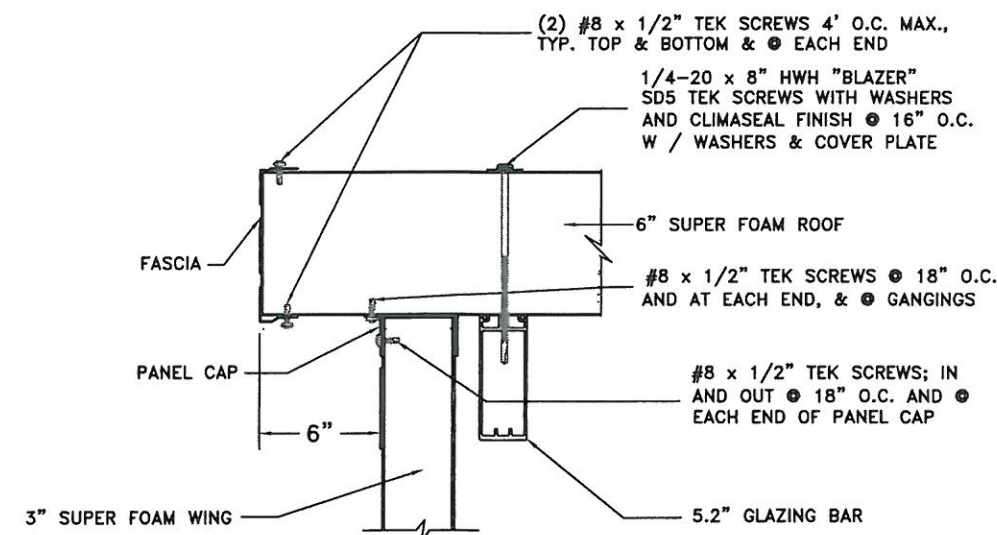
**9 SECTION THROUGH GLASS KNEEWALL
5 CONNECTION TO WOOD DECK**

SCALE: N.T.S.



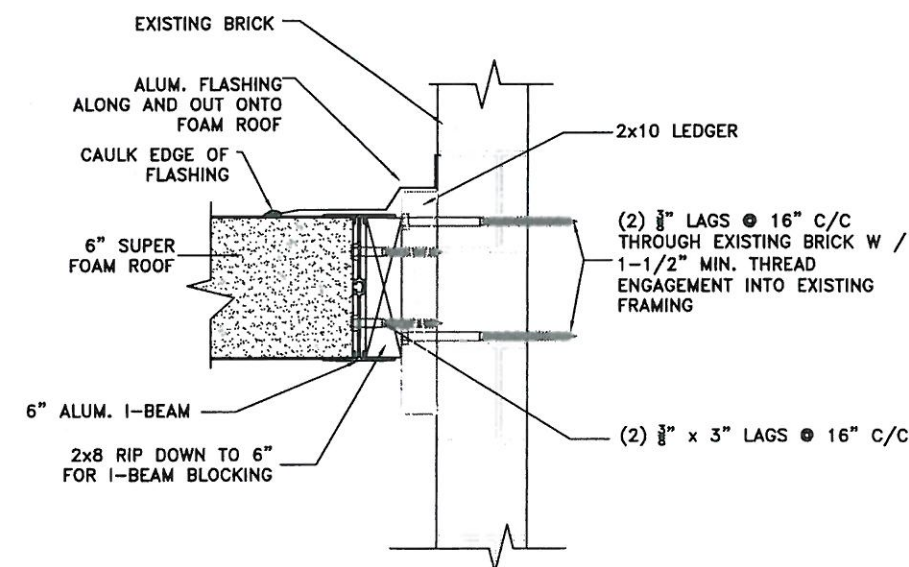
**10 SECTION THROUGH FOAM WING
5 ABOVE SLIDING SCREEN**

SCALE: N.T.S.



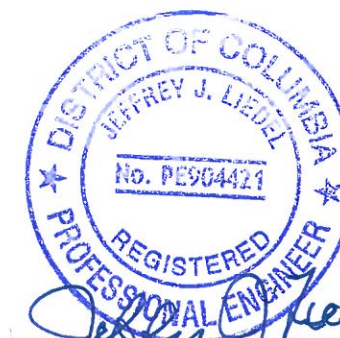
SECTION B-B

SCALE: N.T.S.



SECTION C-C

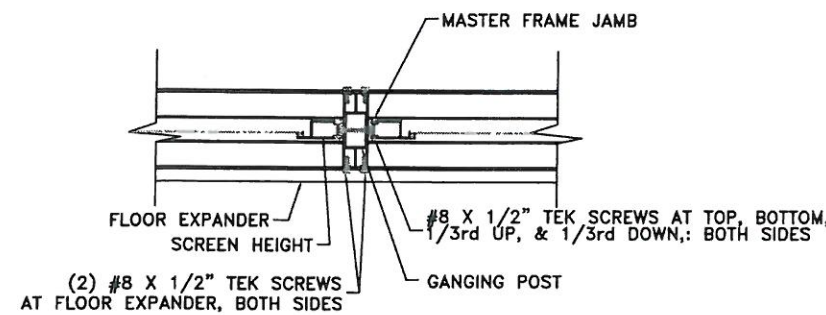
SCALE: N.T.S.



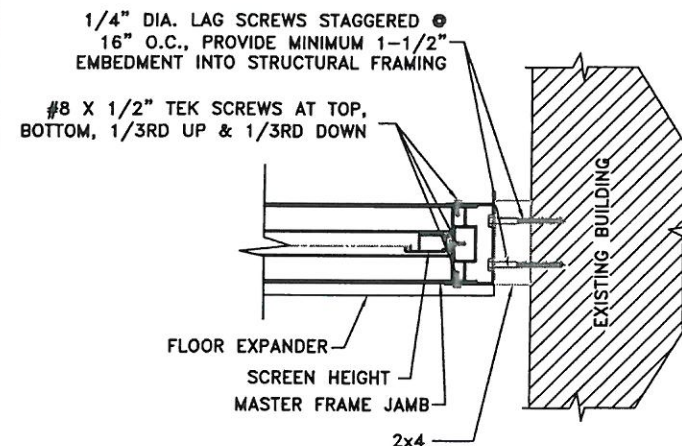
CORPORATE HOME OFFICE 700 E. HIGHLAND ROAD MACEDONIA, OH. 44056	patio ENCLOSURES BY GREAT DAY IMPROVEMENTS, LLC	LOCATION GDI - WASHINGTON 10595 FURNACE ROAD SUITE 100 LORTON, VA. 22079 703-690-2009	JEFF & DARLENE BLEND 1211 KALMIA RD. N.W. WASHINGTON, DC. 20012 JOB # 37608	REV. A-09-23-14 DATE 07-10-14 DRAWN VNG SCALE AS NOTED SHEET 5 OF 7
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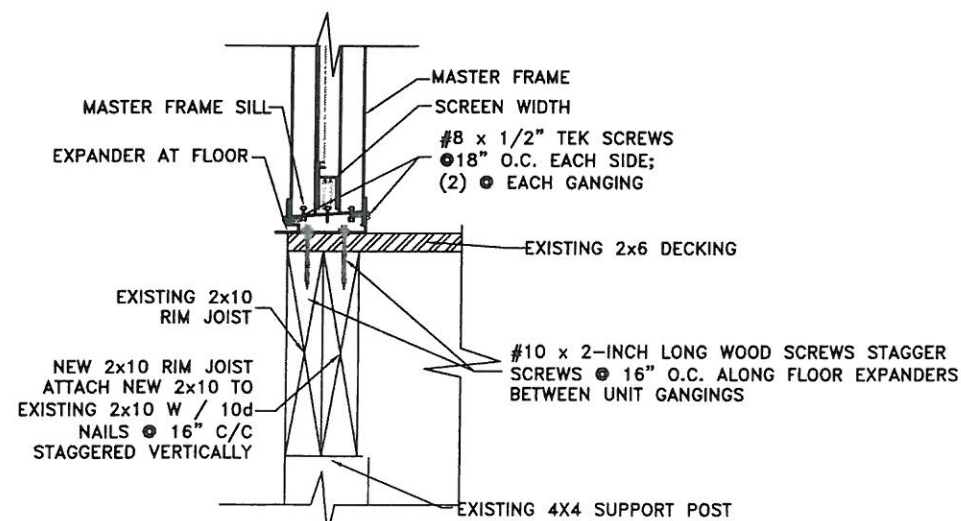
9/29/14
EXP 8/31/16



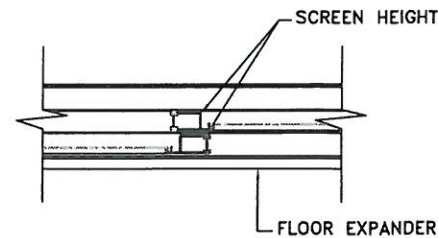
1 PLAN VIEW OF SCREEN UNITS
6 CONNECTION AT GANGING POST



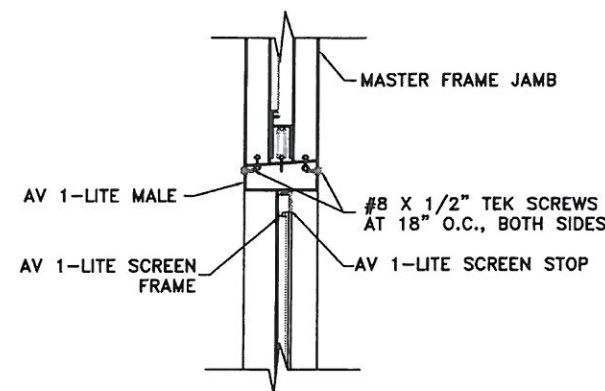
4 PLAN VIEW OF SCREEN UNIT
6 CONNECTION AT EXISTING STRUCTURE



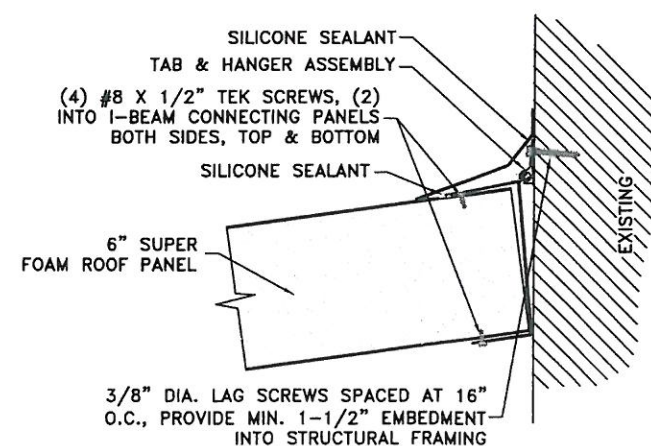
7 SECTION THROUGH SCREEN DOOR SILL
6



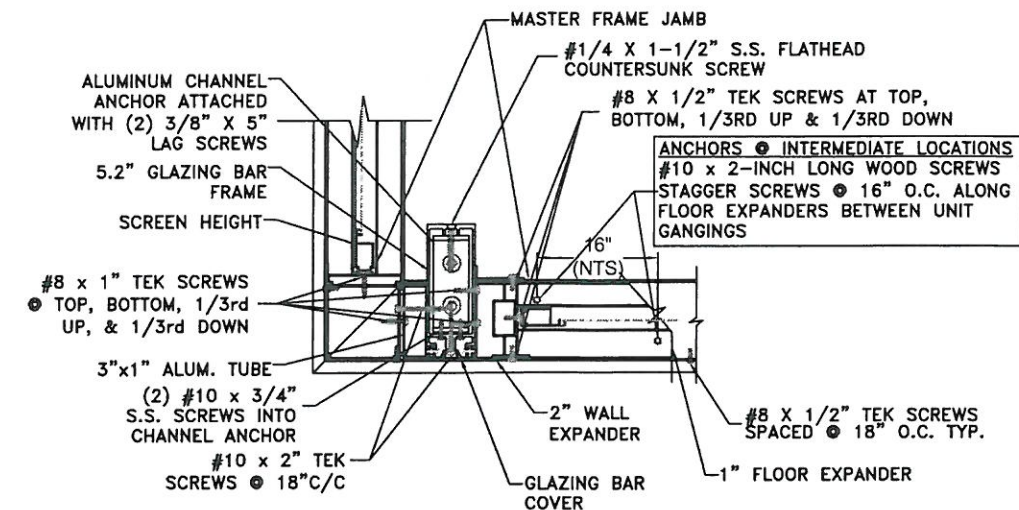
2 PLAN VIEW OF SCREEN UNITS
3 AT MEETING RAILS



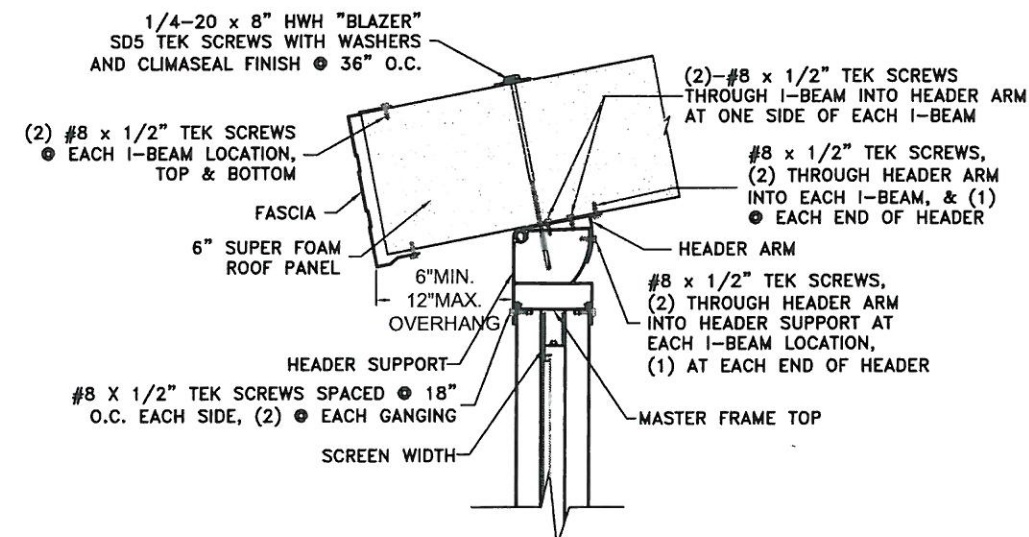
5 SECTION THROUGH SCREEN WINDOW
6 ABOVE SCREEN KNEEWALL



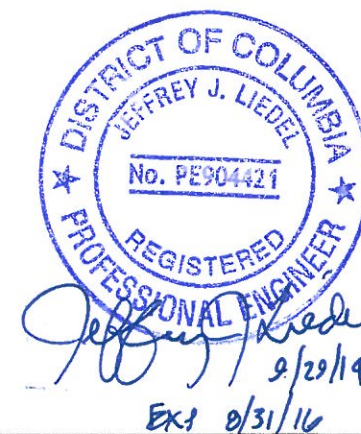
8 SECTION THROUGH TAB & HANGER ASSY.
6 CONNECTION TO EXISTING STRUCTURE



3 PLAN VIEW OF CORNER POST CONNECTION
6 AT MASTER FRAMES ANCHORAGE TO WOOD DECKING

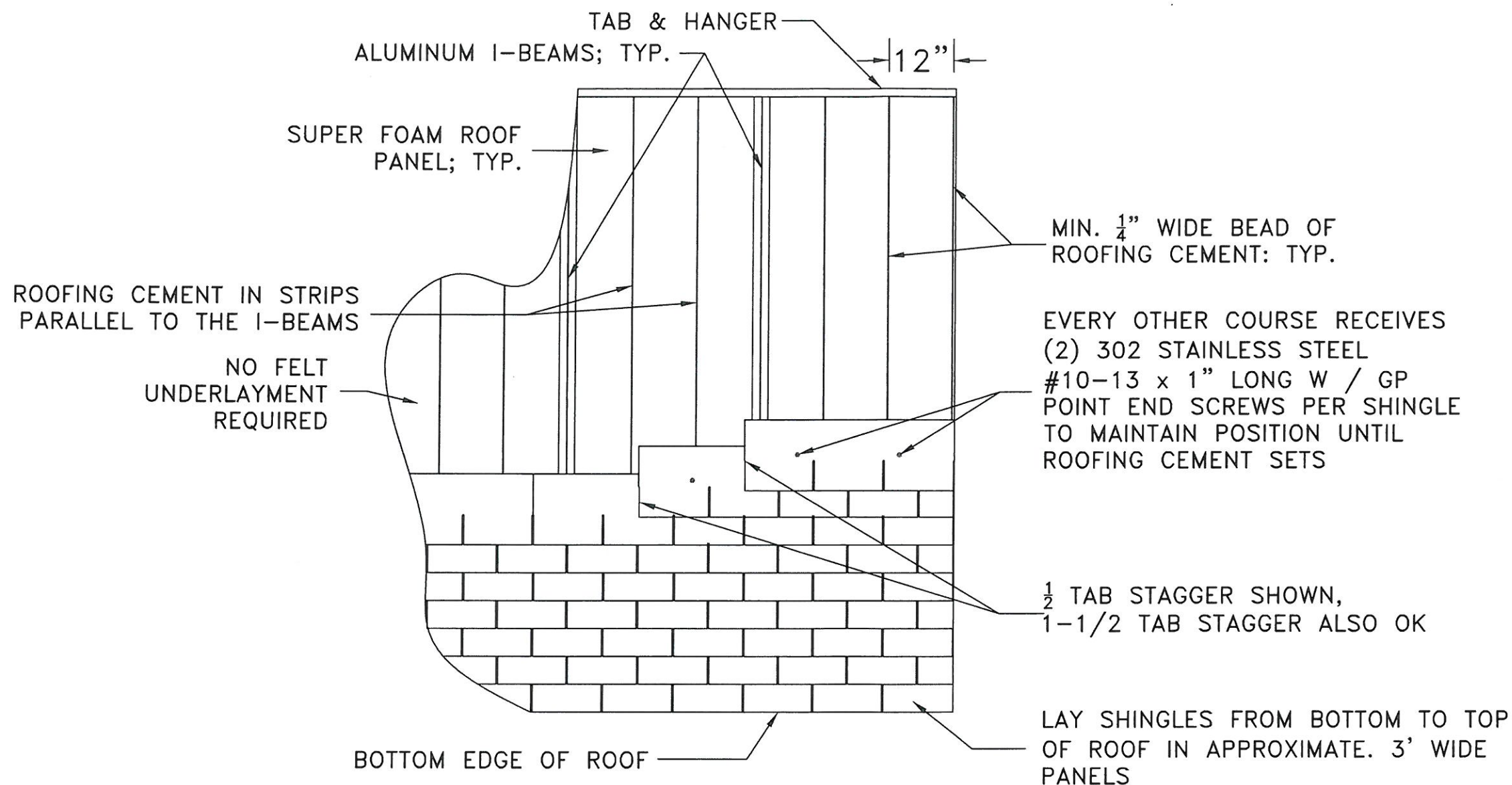


6 SECTION THROUGH MASTER FRAME TOP
6 CONNECTION AT BEARING WALL HEADER ASSEMBLY



REV. A-09-23-14		JEFF & DARLENE BLEND 1211 KALMIA RD. N.W. WASHINGTON, DC. 20012 JOB # 37608		LOCATION GDI - WASHINGTON 10595 FURNACE ROAD SUITE 100 LORTON, VA. 22079 703-690-2009	 BY GREAT DAY IMPROVEMENTS, LLC	CORPORATE HOME OFFICE 700 E. HIGHLAND ROAD MACEDONIA, OH. 44056
*						
*						
DATE 07-10-14		 BY GREAT DAY IMPROVEMENTS, LLC				
DRAWN VNG						
SCALE N.T.S.						
SHEET 6 OF 7		THIS DRAWING IS THE PROPERTY OF GREAT DAY IMPROVEMENTS, LLC. - ALL RIGHTS RESERVED. DUPLICATION OF THIS DRAWING IN ANY FORM WITHOUT THE EXPRESSED WRITTEN CONSENT OF GREAT DAY IMPROVEMENTS, LLC.				

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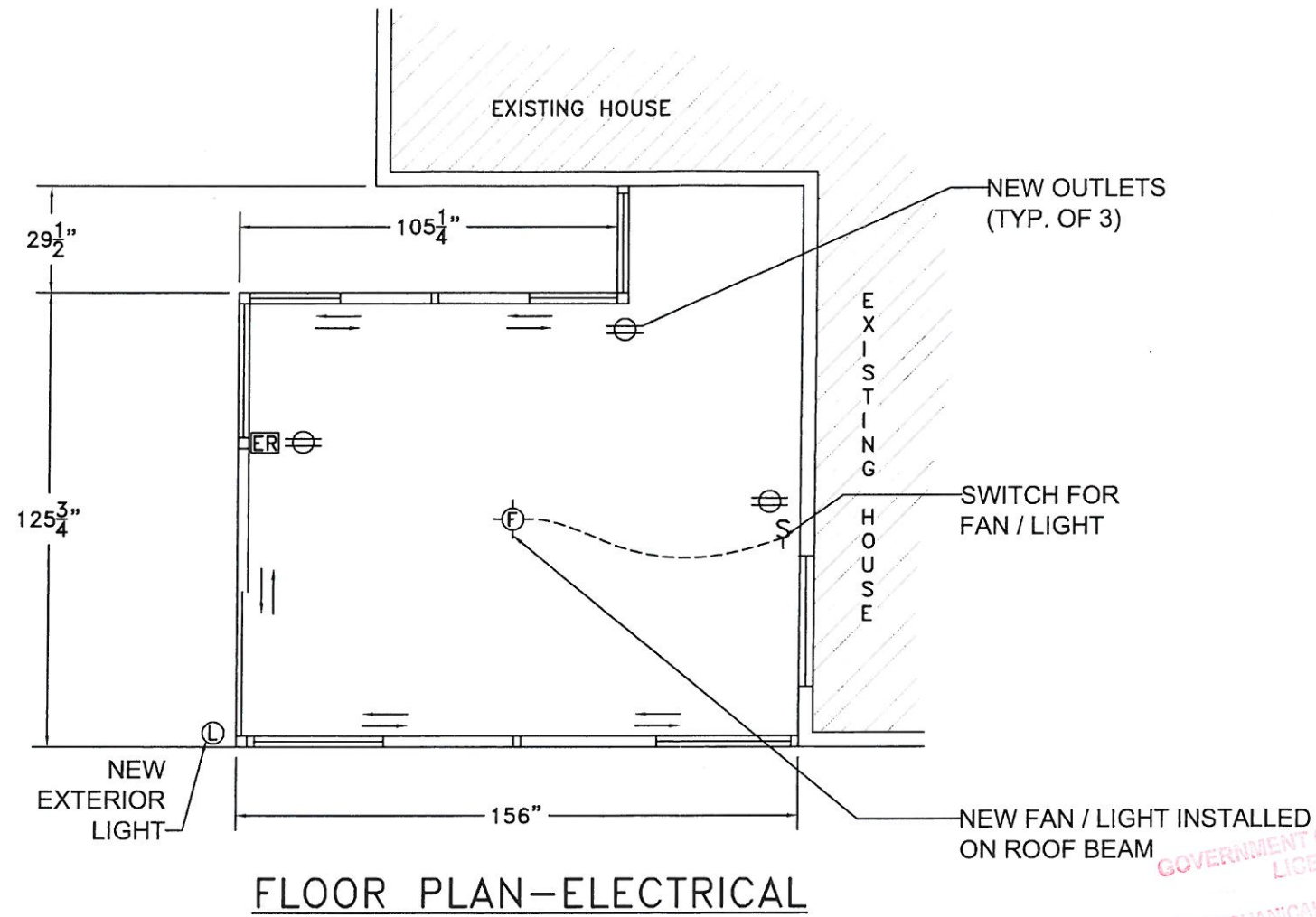
SHINGLE ATTACHMENT DETAIL

NOTE: PRIOR TO APPLICATION OF SHINGLES TO SUPER FOAM ROOFS, ALL SILICONE SEALANT USED IN THE ASSEMBLY AND CAULKING OF THE ROOF MUST BE GIVEN PROPER CURE TIME TO ALLOW IT TO SET AND NOT BE DISTURBED BY SHINGLE INSTALLATION.

DISTRICT OF COLUMBIA
 JEFFREY J. LIEDEL
 No. PE904421
 REGISTERED PROFESSIONAL ENGINEER
 9/29/14
 EXP 8/31/16

CORPORATE		HOME OFFICE 700 E. HIGHLAND ROAD MACEDONIA, OH. 44056	
		BY GREAT DAY IMPROVEMENTS, LLC	
LOCATION		GDI - WASHINGTON 10595 FURNACE ROAD SUITE 100 LORTON, VA. 22079 703-690-2009	
JEFF & DARLENE BLEND 1211 KALMIA RD. N.W. WASHINGTON, DC. 20012 JOB # 37608		REV. A-09-23-14 * * *	
DATE		07-10-14	
DRAWN		VNG	
SCALE		N.T.S.	
SHEET		7 OF 7	

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NOTE - WIRE MOLD & OUTLETS TO
BE MOUNTED INSIDE WALL FRAMING
EXTENSIONS IN GALVANIZED BOXES

GOVERNMENT OF THE DISTRICT OF COLUMBIA
 LICENSING & PERMITTING
 ALL MECHANICAL EQUIPMENT AND/OR APPLIANCES
 SHALL BEAR THE LABEL OF AN APPROVED AGENCY.
 LOCATION AND SHALL BE INSTALLED IN ACCORDANCE
 WITH THE MANUFACTURER'S INSTALLATION
 INSTRUCTIONS.

CORPORATE				HOME OFFICE 700 E. HIGHLAND ROAD MACEDONIA, OH. 44056			
LOCATION							
GDI - WASHINGTON 10595 FURNACE ROAD SUITE 100 LORTON, VA. 22079 703-690-2009				BY GREAT DAY IMPROVEMENTS, LLC			
JEFF & DARLENE BLEND 1211 KALMIA RD. N.W. WASHINGTON, DC. 20012 JOB # 37608				THIS DRAWING IS THE PROPERTY OF GREAT DAY IMPROVEMENTS, LLC - ALL RIGHTS RESERVED. DUPLICATION OF THIS DRAWING IN ANY FORM WITHOUT THE EXPRESSED WRITTEN CONSENT OF GREAT DAY IMPROVEMENTS, LLC.			
*	*	*	*	DATE			
				09-23-14			
				DRAWN			
				VNG			
				SCALE			
				N.T.S.			
				SHEET			
				1E OF 1E			