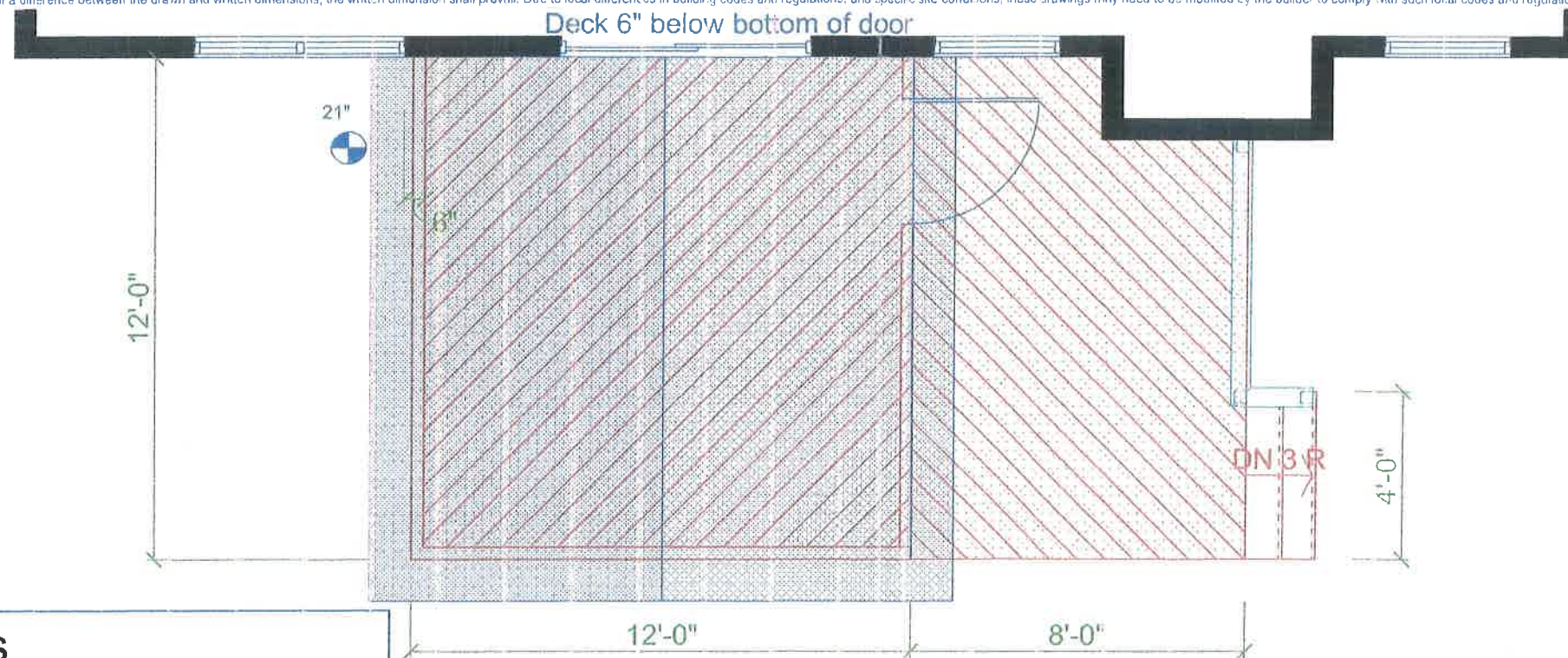


All dimensions are approximate. In the event of a difference between the drawn and written dimensions, the written dimension shall prevail. Due to local differences in building codes and regulations, and specific site conditions, these drawings may need to be modified by the builder to comply with such local codes and regulations, or site conditions.



## Deck Specifications

New Pressure Treated Pine Decking
Stainless Steel Trim Head Screws (face fastened)
1" x 4" deck trim on edge band
Decking pattern as drawn
PT Lifestyle Rails with 2"x2" pickets where indicated on drawing
Lifestyle Stairs (closed risers) #400 A
Pier support for stairs #CHIC-400
Solid Board Skirting included
Weed Block Fabric & River Rock (large) -not included
Framed to 60# live load with Galvanized hardware

## Electrical Specifications

Dedicated circuit for room (Verify availability)
Existing basement ceiling opposite room is unfinished
Ceiling Fan (outdoor rated fixture by home owner) with dimmer
Coach Light (fixture by home owner)
5 new outlets with flip covers (4 interior & 1 exterior)(1 up high for TV)
Electrical channel next to storm door with all switches

## Demo & Repair Specifications

Demolition & removal of existing concrete stoop
Yard damage caused by Archadeck will be repaired with soil and grass seed

## Room Specifications

All dimensions are outside of room

Screen Porch on pier footings
Cathedral Ceiling with T&G Pine (enclosed rafters & electric)
3/12 pitch Gable roof (King Truss @ house wall & as required) #2402 1-2
PTP decking (screening below decking over joists)
8' Cedar walls with vertical 4-track windows (smooth interior & rough sawn exterior trim)
6" knee wall as noted (interior T&G pine / exterior cedar siding) #2309 A
Conduit trimmed / Trim ridge beam & king truss
Fixed Vinyl gable end
Anderson full view storm door with electrical chase on side
Existing siding to remain
Cedar fascia & fir plywood soffits (12" overhang)
Asphalt roofing to closely match existing (crickets may require membrane or metal pan)
Gutters & Down Spouts to closely match existing (gutter guards not included)
*Please install larger sized gutters than what is currently on house.
Solid Board Skirting included
Weed Block Fabric & River Rock (large) - not included

**archadeck**  
of Chicagoland

Custom Design

D1

SCALE = 1/4"

Prepared by  
Integrity Enterprises Inc.  
dba Archadeck of Chicagoland  
395 W Northwest Hwy  
Suite A  
Palatine, IL 60067  
847-496-1333

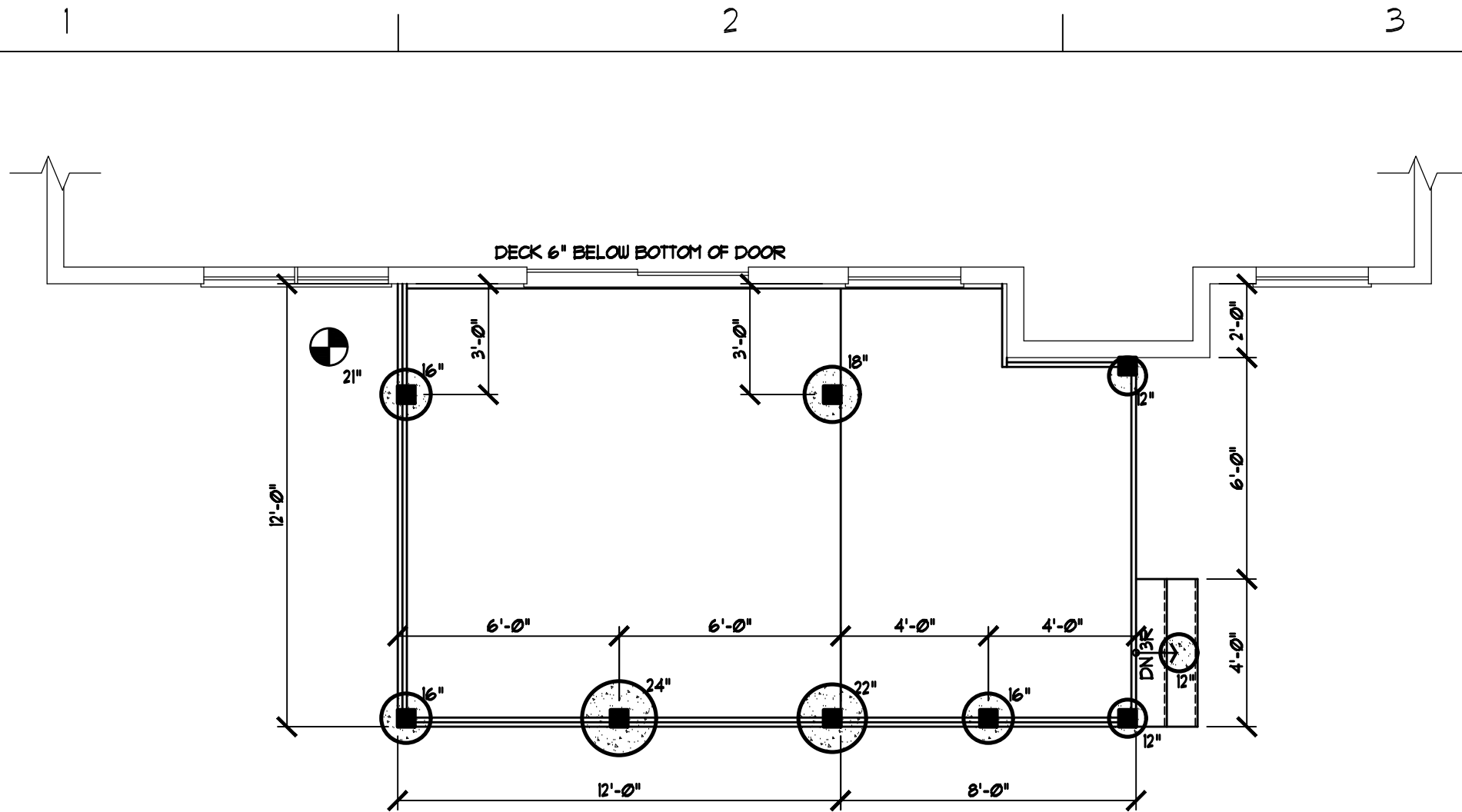
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#95451

11/27/2018

Jim & Stephanie Gehl  
1331 N. Webster St.  
Naperville, IL 60563



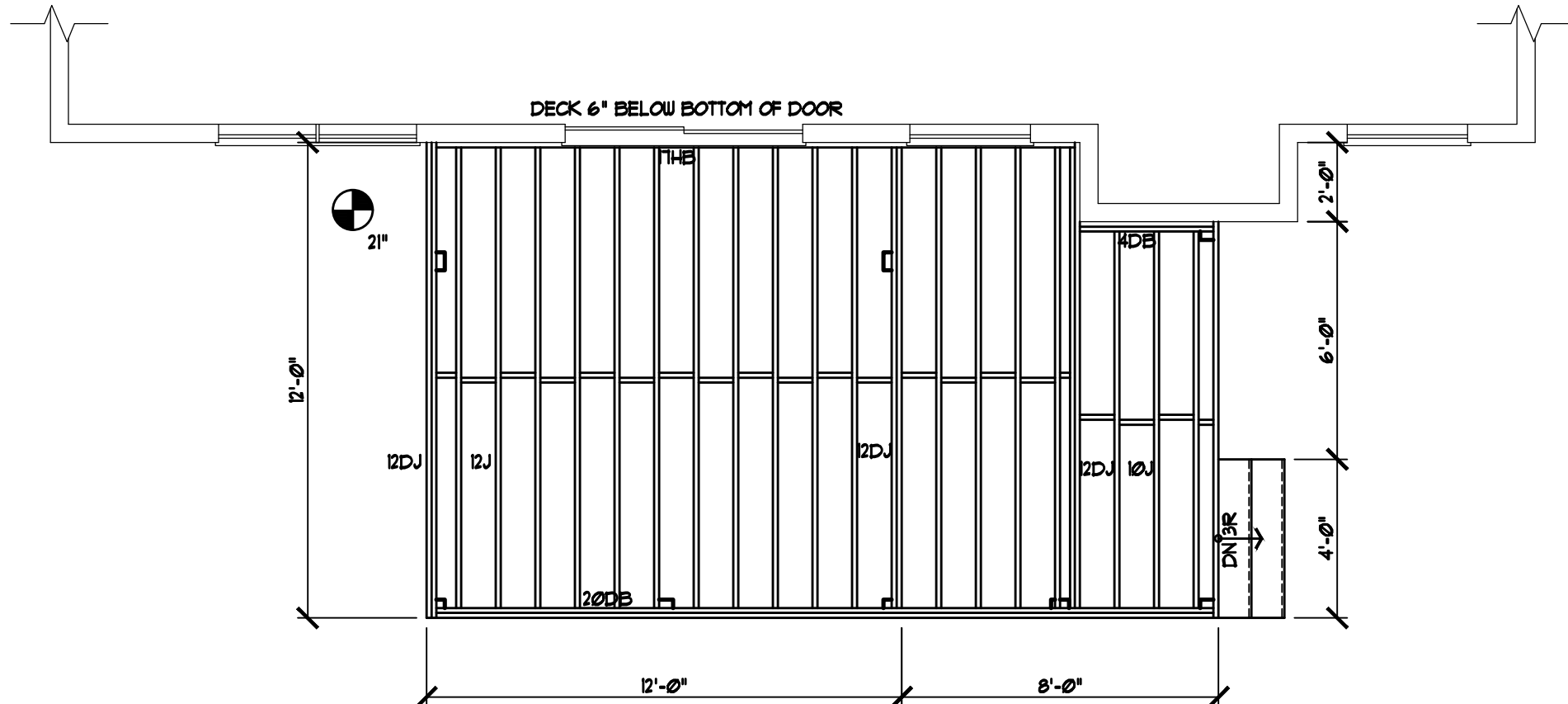


ROOM SPECIFICATIONS	
SCREEN PORCH ON PIER FOOTINGS	
CATHEDRAL CEILING W/ TAG PINE (ENCLOSED RAFTERS & ELECTRIC)	
3/2 PITCH GABLE ROOF (KING TRUSSES & HOUSE WALL & AS REQUIRED)	
2x12-1-2	
PTP DECKING (SCREENING BELOW DECKING OVER JOISTS)	
18'-0" CEDAR WALLS (ADJUST HEIGHT AS NECESSARY TO AVOID HOUSE WINDOWS) W/ VERTICAL 4-TRACK WINDOWS (SMOOTH INTERIOR & ROUGH SAUN EXTERIOR TRIM)	
6" KNEE WALL AS NOTED (INTERIOR TAG PINE / EXTERIOR CEDAR SIDING)	
CONDUIT TRIMMED / TRIM RIDGE BEAM & KING TRUSSES	
FIXED VINYL GABLE END	
ANDERSON FULL VIEW STORM DOOR W/ ELECTRICAL CHASE ON SIDE	
EXISTING SIDING ON HOUSE TO REMAIN	
CEDAR FASCIA & FIR FLYWOOD SOFFITS (12" OVERHANG)	
ASPHALT ROOFING TO CLOSELY MATCH EXISTING (CRICKETS MAY REQUIRE MEMBRANE OR METAL PAN)	
GUTTERS & DOWN SPOUTS TO CLOSELY MATCH EXISTING (GUTTER GUARDS NOT INCLUDED)	
INSTALL LARGER SIZED GUTTERS THAN WHAT IS CURRENTLY ON HOUSE	
SOLID BOARD SKIRTING INCLUDED	
WEED BLOCK FABRIC & RIVER ROCK (LARGE) - NOT INCLUDED	

FOUNDATION NOTES	
12" DIAMETER SONOTUBE FOOTING, BELLED TO SIZE NOTED ON FOUNDATION PLAN, LOCATIONS AS SHOWN CHIC-201 - PIERS TO PROJECT MIN. 2" ABOVE FINISHED GRADE	
(2) 2x10 BEAMS	
6x6 COLUMN (TYP.) TREATED FOR GROUND CONTACT 2x10-B	

## FOUNDATION PLAN

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



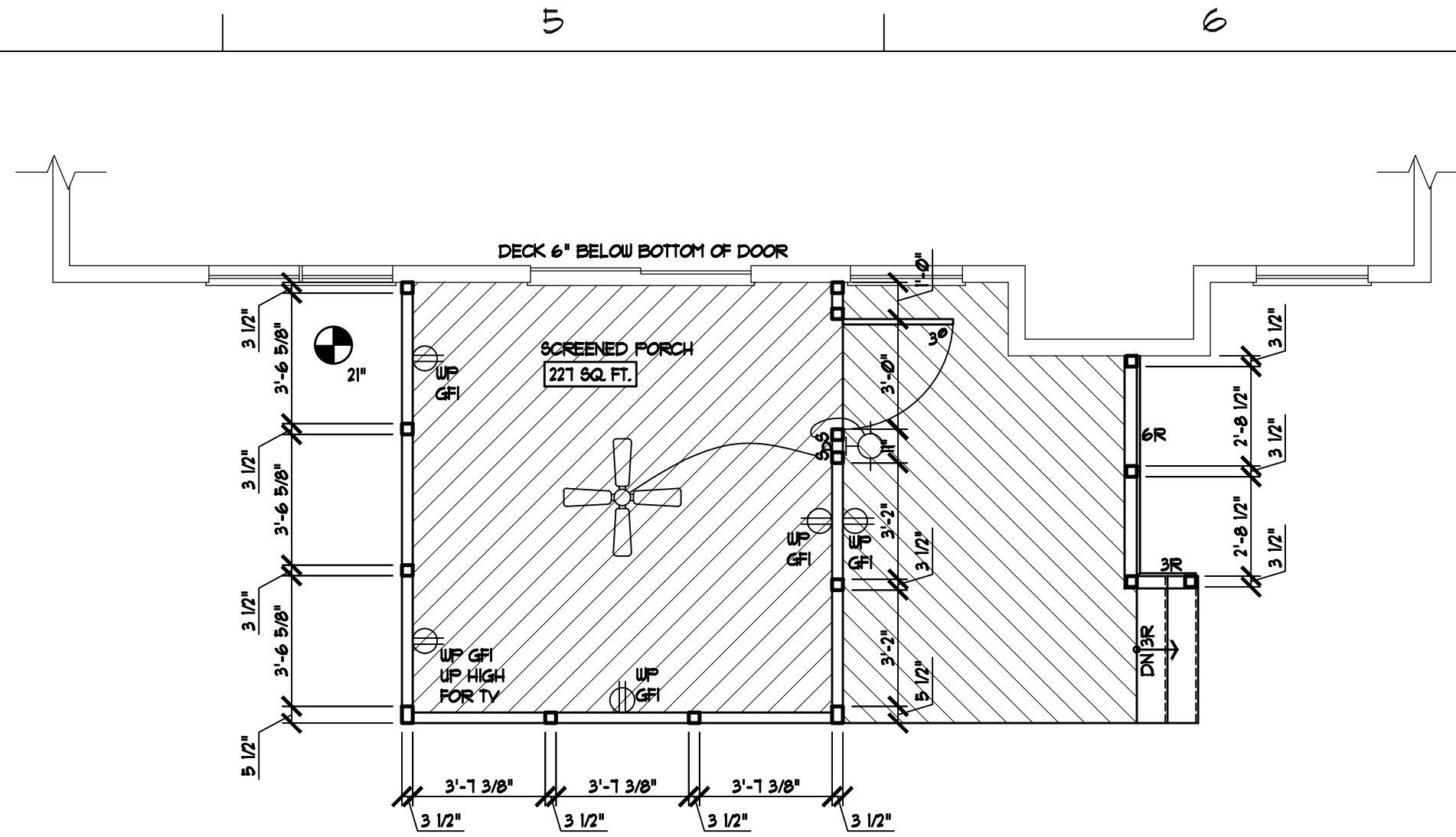
FRAMING NOTES	
2x10 HORIZONTAL W/ JOIST HANGERS AND 5" LAG BOLTS STAGGERED 12" O.C. 2x10-B	
2x10 DOUBLE EDGE BAND	
2x10 JOISTS W/ 12" O.C.	
6x6 COLUMN 2x10-B	
2x10 BLOCKING CENTERED IN SPAN (TYP.)	

DECK SPECIFICATIONS	
NEW PTP FINE DECKING	
STAINLESS STEEL TRIM HEAD SCREWS (FACE FASTENED)	
1/4" DECK TRIM ON EDGE BAND	
DECKING PATTERN AS DRAWN	
PT LIFESTYLE RAIL S W/ 2x2 PICKETS WHERE INDICATED ON DRAWING	
LIFESTYLE STAIRS (CLOSED RISERS) 4x100 A	
PIER SUPPORT FOR STAIRS CHIC-400	
SOLID BOARD SKIRTING INCLUDED	
WEED BLOCK FABRIC & RIVER ROCK (LARGE) NOT INCLUDED	
FRAMED TO 600' LIVE LOAD W/ GALVANIZED HARDWARE	

DEMO & REPAIR NOTES	
DEMOLITION & REMOVAL OF EXISTING CONCRETE STOOP	
YARD DAMAGE CAUSED BY ARCHADECK WILL BE REPAIRED W/ SOIL AND GRASS SEED	

## FRAMING PLAN

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



PORCH NOTES	
VERTICAL 4-TRACK INSERTS W/ 6" KNEEWALL W/ INTERIOR TAG PINE / EXTERIOR CEDAR SIDING	
(2) 2x8 CEDAR ROOF BEAM W/ 2x4 TOP & BOTTOM PLATES (TYP.) 2x10-B	
4x4 CEDAR ROOF POST W/ 4x6 CORNER POST (TYP.) 2x10-A	
(1) 36" x 80" SCREEN DOOR	

GENERAL NOTES	
5/4x6 PTP DECKING, 50 SCREWS FASTENED	
1/4" TRIM PERIMETER CHIC-200	
36" HIGH STANDARD PTP RAIL 5000	
2x2 PTP PICKETS 1/8" LESS THAN 4" IN BETWEEN	
OUTLET POSTS 500	
GRAB RAIL 500	
PT STAIR 4x100 W/ 5/4x6 TREADS, 1x8 RISERS, & 2x12 PTP STRINGERS & 24" O.C. W/ TRAINING ANGLES	
STAIRS LAND ON CONCRETE PIER CHIC-400	
SOLID BOARD SKIRTING 2x10-A	

ELECTRICAL SPECIFICATIONS	
DEDICATED CIRCUIT FOR ROOM (VERIFY AVAILABILITY)	
EXISTING BASEMENT CEILING OPPOSITE ROOM IS UNFINISHED	
CEILING FAN (OUTDOOR RATED FIXTURE BY HOME OWNER) W/ DIMMER	
COACH LIGHT (FIXTURE BY HOME OWNER)	
(5) NEW OUTLETS W/ FLIP COVERS (4 INTERIOR & 1 EXTERIOR) (ONE OUTLET UP HIGH FOR TV)	
ELECTRICAL CHANNEL NEXT TO STORM DOOR W/ ALL SWITCHES	

## FLOOR PLAN

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

		INTEGRITY ENTERPRISES, INC. d.b.a. Archadeck of Chicagoland	
<b>DESIGN LOAD CRITERIA</b>		<b>ABBREVIATIONS:</b>	
<b>FOOTING/FOUNDATION LOADS</b>	<b>CEILING</b>	<b>Jim &amp; Stephanie Gehl</b> 106-95451 1331 N. Webster St. Naperville, IL, 60563	
LIVE LOAD 40	WITH STORAGE (L/240) 20	A-E	ARTISTIC ENCLOSURES
DEAD LOAD 10	WITHOUT STORAGE (L/240) 10	#B	BEAM
TOTAL DESIGN LOAD 50		#BB	BAND BOARD
<b>DECK LOADS (L/240)</b>	<b>DECK FRAMING</b>	#C	RAIL CAP LENGTH
FRAMING DESIGN LIVE LOAD 60	WITH STORAGE (L/360) 20	#DB	DOUBLE BAND
FRAMING DESIGN DEAD LOAD 10	WITHOUT STORAGE (L/360) 10	#DJ	DOUBLE JOIST
TOTAL FRAMING DESIGN LOAD 70		#DR	DOUBLE RAFTER
<b>FLOOR LOADS (L/360)</b>	<b>ROOF LOADS (L/240)</b>	#F	FENCE CAP LENGTH
LIVE LOAD (LIVING) 40	SNOW LOAD 35	#HB	HOUSE BAND
LIVE LOAD (SLEEPING) 30	DEAD LOAD 10	#HBE	HOUSE BAND EXTENSION
DEAD LOAD 10		#RB	RIDGE BEAM
<b>SPA LOADS (L/240)</b>	<b>PERGOLA LOADS (L/240)</b>	#RP	ROOF PLATE
LIVE LOAD 100	LIVE LOAD 10	#TB	TRIPLE BAND
DEAD LOAD 10	DEAD LOAD 5	#TJ	TRIPLE JOIST
TOTAL DESIGN LOAD 110	TOTAL DESIGN LOAD 15	ALT.	ALTERNATE
**ASSUMED OPEN FRAMED PERGOLA, NOT DESIGNED FOR SNOW LOADS**		ALUMN.	ALUMINUM
<b>DESIGN CRITERIA:</b>		APX.	APPROXIMATE
- THIS PROJECT HAS BEEN DESIGNED FOLLOWING THE REGULATIONS OF THE 2015 IRC (INTERNATIONAL RESIDENTIAL CODE).		BD.	BOARD
- WORK TO MEET LOCAL, STATE AND APPLICABLE RULES AND REGULATIONS.		C/L	CENTER LINE
- IN-GRADE DESIGN VALUES BASED ON AF&PA.		CJ	CEILING JOIST
- PROVIDE JOIST HANGERS @ ALL FLUSH FRAME CONDITIONS.		CLG.	CONCRETE
- PRESUMPTIVE SAFE SOIL BEARING CAPACITY IS 1500 PSF.		C.M.U.	CONCRETE MASONRY UNIT
- FROST LINE 42".		CONC.	CONCRETE
- CONNECTIONS TO EXISTING STRUCTURE FLASHED PER LOCAL CODE		CONT.	CONTINUOUS
<b>LUMBER:</b>		DBL.	DOUBLE
- ALL FRAMING LUMBER TO BE #2 S.Y.P. (SOUTHERN YELLOW PINE) OR BETTER, TREATED FOR EXTERIOR USE, PER LOCAL CODE U.N.O.		DIA.	DIAMETER
- ALL PSULGULAM ENGINEERED TYPE LUMBER TO BE TREATED FOR EXTERIOR USE: P.S.L. STRESS CLASS (2.0E, 2900FB) P.S.I.		DIM.	DIMENSION
- ALL LVL/MICROLAM ENGINEERED TYPE LUMBER TO BE INTERIOR USE ONLY: L.V.L. STRESS CLASS (1.9E, 2800FB) P.S.I.		D.L.	DEAD LOAD
<b>CONCRETE:</b>		DN.	DOWN
- MINIMUM 28 DAY COMPRESSIVE STRENGTH = 3000 PSI.		DTL.	DETAIL
<b>SHEET INDEX</b>		ELEC.	ELECTRICAL
NOTE THAT NOT ALL JOBS REQUIRE ALL SHEETS		ELEV.	ELEVATION (SEE T.O.D.)
ST - SITE		EQ.	EQUAL
PL.# - PLAN		EXT.	EXTERIOR
EV.# - ELEVATION		FIN.	FINISH
FD.# - FOUNDATION/FOOTINGS		FLR.	FLOOR
FF.# - FLOOR FRAMING		FND.	FOUNDATION
FP.# - FLOOR PLAN		FT.	FOOT/FEET
OF.# - CEILING FRAMING		F.V.	FOUNDATION VENT
RF.# - ROOF FRAMING		GLU.	GLUELAM
SD.# - SECTION/DETAIL			
		DRAWINGS PREPARED BY: U. S. STRUCTURES, INC. CONSTRUCTION & DRAFTING DEPARTMENT 2924 EMERYWOOD PARKWAY, SUITE 101 RICHMOND, VA 23294 © 2013 U.S. STRUCTURES, INC. UNAUTHORIZED DUPLICATION IS A VIOLATION OF ALL APPLICABLE LAWS	
		<b>SYMBOL LEGEND</b>	
		<b>T.O.D. TAG</b>	
		<b>DETAIL TAG</b>	
		<b>STAIR TAG</b>	
		<b>SECTION TAG</b>	
		<b>RAIL POST</b>	
		<b>FENCE POST</b>	
		<b>ROOF POST/PERGOLA POST</b>	
		<b>STUD LOCATION</b>	
		<b>X - X BRACING</b>	
		<b>PB - PARTING BOARD LOCATION AND CENTER LINE</b>	
		<b>EXTENTS</b>	
		<b>CONTACT</b>	
		FOR ANY QUESTIONS OR CONCERNS PLEASE CONTACT: INTEGRITY ENTERPRISES, INC. d.b.a. Archadeck of Chicagoland 395 W Northwest Highway, Palatine, IL, 60067 PHONE: (847) 496-4333 / e-mail: chicagoland@archadeck.net	
		<b>ARCHITECT OF RECORD (AS APPLICABLE)</b>	

## GEHL RESIDENCE

1331 N. WEBSTER STREET  
NAPERVILLE, IL 60563

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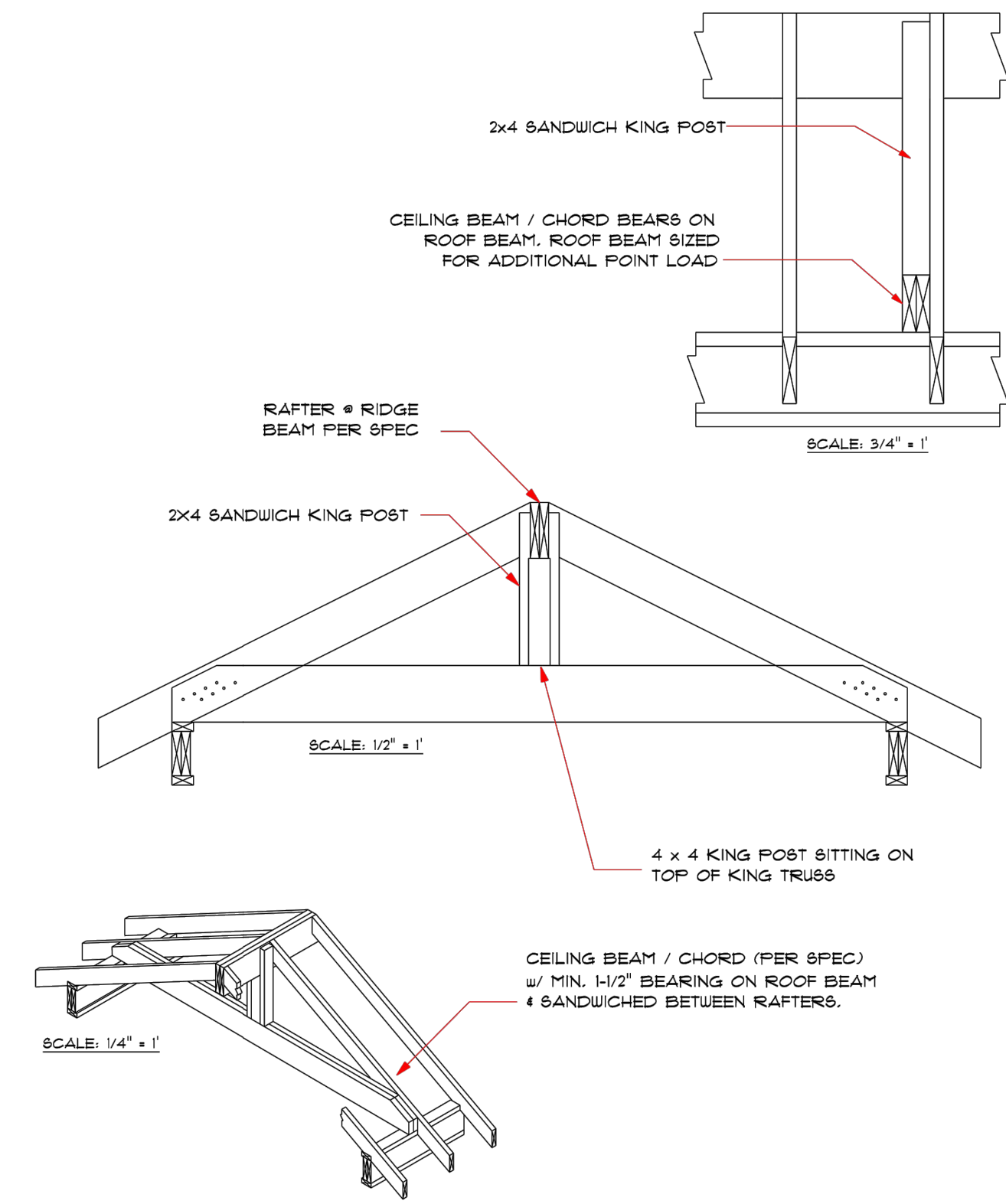
NEW DECK AND  
SCREENED PORCH

**JB ARCHITECTURE**  
architects + builders  
1320 North Route 59  
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Naperville, Illinois 60563  
630.357.8100

DATE: DECEMBER 18, 2016  
DRAWN BY: JMT  
CHECKED BY: JAB  
REVISIONS:

JOB NUMBER: JB0262





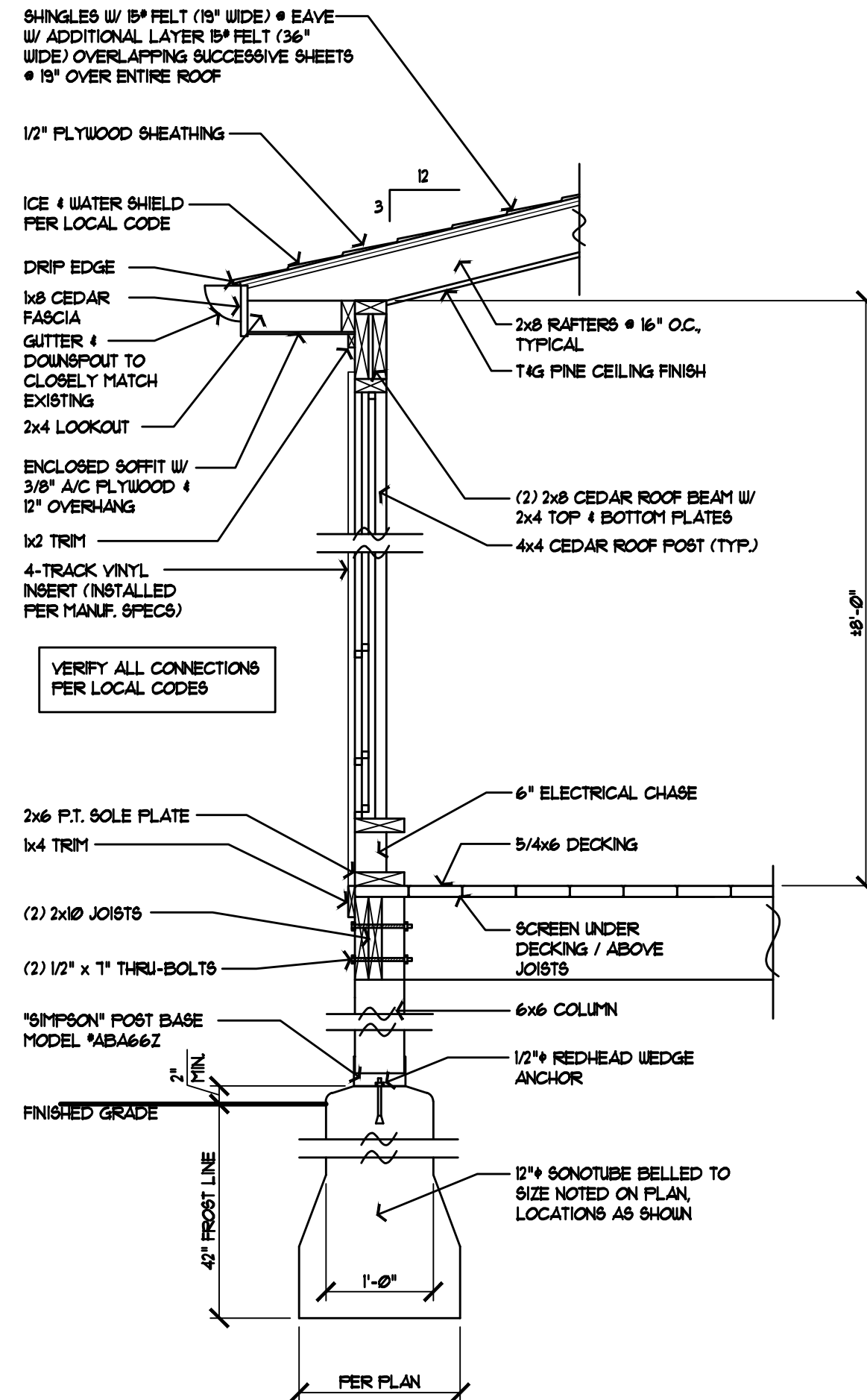
archadeck®

DETAIL #2409 TYPICAL KING TRUSS

SCALE: VARIES

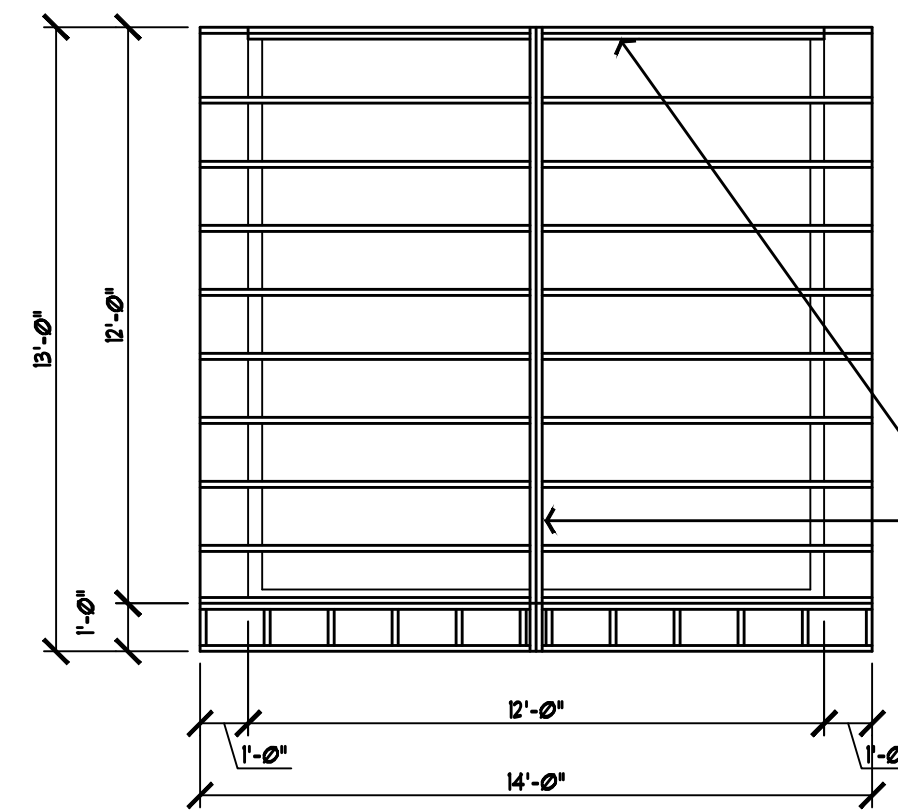
REVISION DATE: 2/10/2016

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These drawings are intended only as a guide for the construction of certain generic elements in building codes and regulations, and specific site conditions. These drawings may need to be modified by the builder to comply with local codes, regulations, and site conditions. Due to the generic nature of these drawings certain items may not be intended for use on a specific project.



### C3 PORCH SECTION

SCALE: 3/4" x 1'-0"



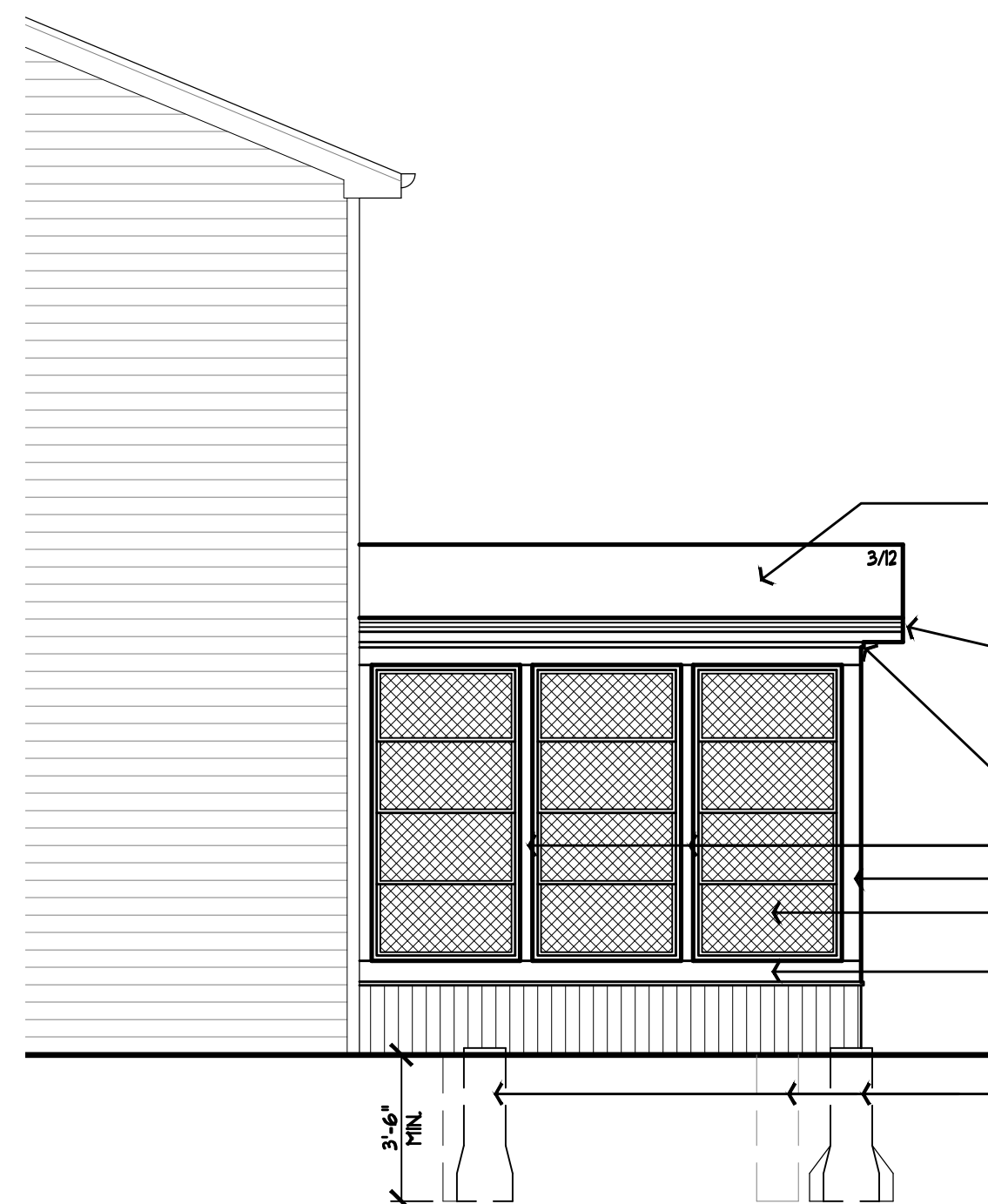
### ROOF NOTES

3/12 GABLE ROOF  
(2) 1 3/4" x 9 1/4" LVL RIDGE BEAM #2402-A  
(2) 2x8 RAFTERS #16" O.C. (TYP)  
1x8 CEDAR FASCIA/RAKE BOARD #2413  
CATHEDRAL CEILING / ENCLOSED RAFTERS + TAG PINE CEILING FINISH  
FIXED VINYL GABLE END #2408-A  
18'-0" FROM TOP TO TOP OF ROOF BEAM  
3/8" PLYWOOD ENCLOSED SOFFIT w/ 2x4 LOOKOUTS + 12" OVERHANG #2413-A  
(2) 1 3/4" x 9 1/4" LVL KING BEAM w/ 4x4 KING POST #2409

(2) 1 3/4" x 9 1/4" LVL KING BEAM w/ 4x4 KING POST  
(2) 1 3/4" x 9 1/4" LVL RIDGE BEAM #2402-A

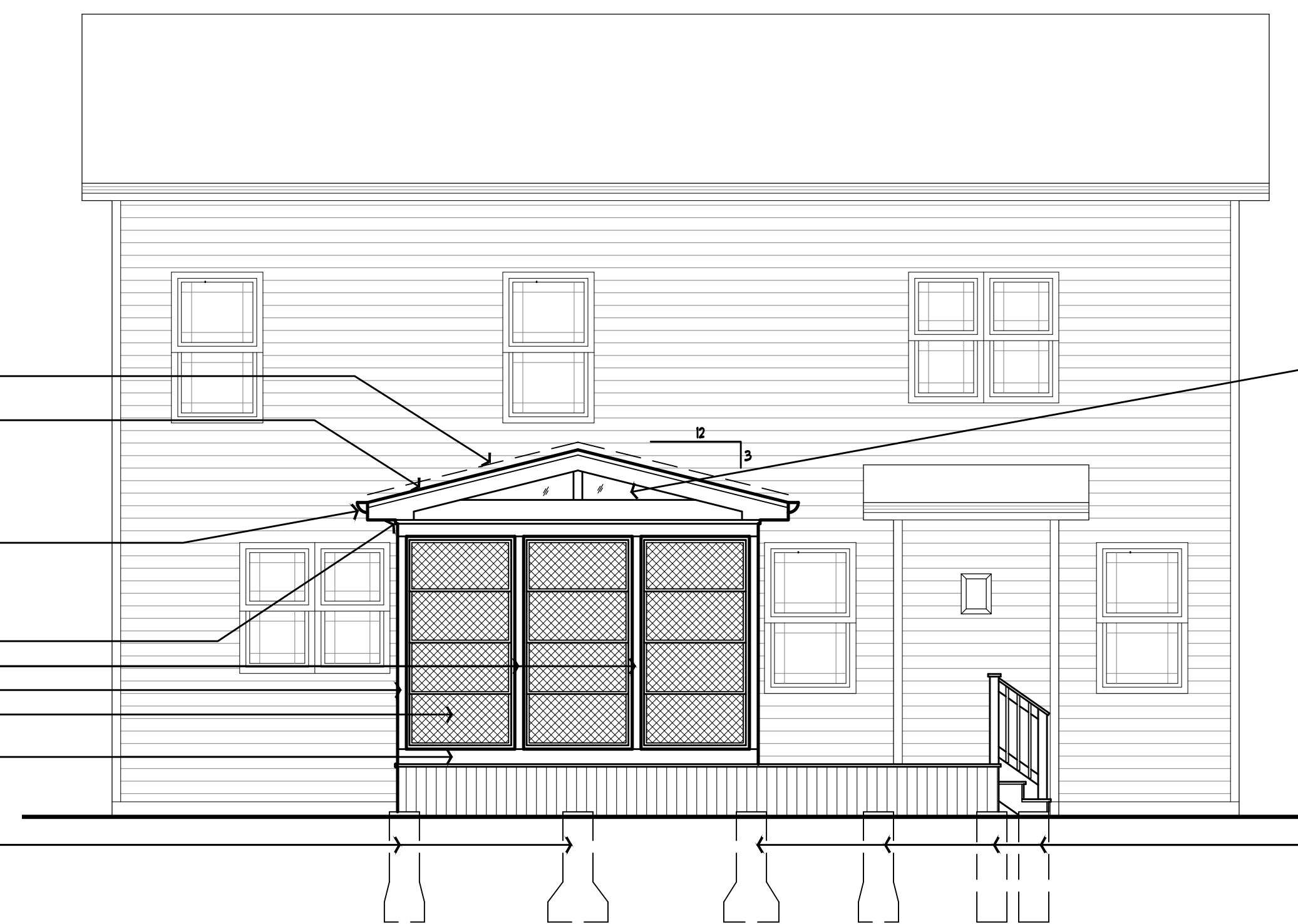
### ROOF PLAN

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



### LEFT ELEVATION

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



### FRONT ELEVATION

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

FIXED VINYL GABLE END #2408-A

ASPHALT SHINGLES TO CLOSELY MATCH EXISTING

GUTTER + DOWNSPOUT TO CLOSELY MATCH EXISTING (GUTTER GUARDS NOT INCLUDED) (INSTALL LARGER SIZED GUTTERS THAN WHAT IS CURRENTLY ON HOUSE)

1x2 WOOD TRIM

4x4 CEDAR POST

4x6 CEDAR POST

36"x80 SCREEN DOOR

4-TRACK VINYL INSERT

36" HIGH GUARDRAIL w/ LESS THAN 4" BETWEEN PICKETS

6"x4 KNEEWALL w/ TAG PINE INTERIOR + CEDAR SIDING EXTERIOR

12" SONOTUBE BELLED TO SIZE PER PLAN, MIN. 42" BELOW GRADE TYPIC TO PROJECT MIN. 2" ABOVE FINISHED GRADE

3/12

### RIGHT ELEVATION

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

JB ARCHITECTURE  
CHICAGO, IL 60611

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2

2 OF 2