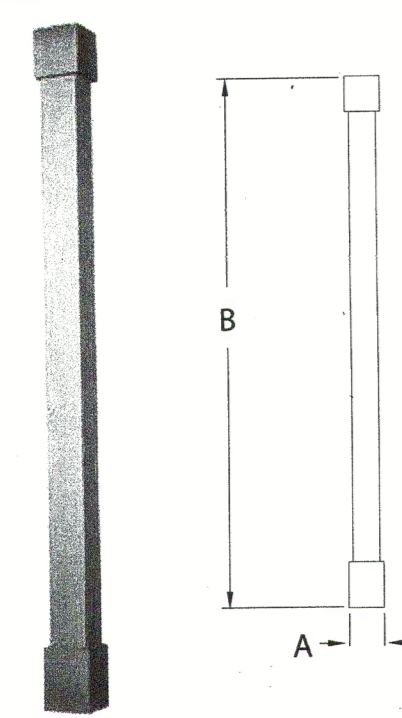


Column
Woodgrain - Structural

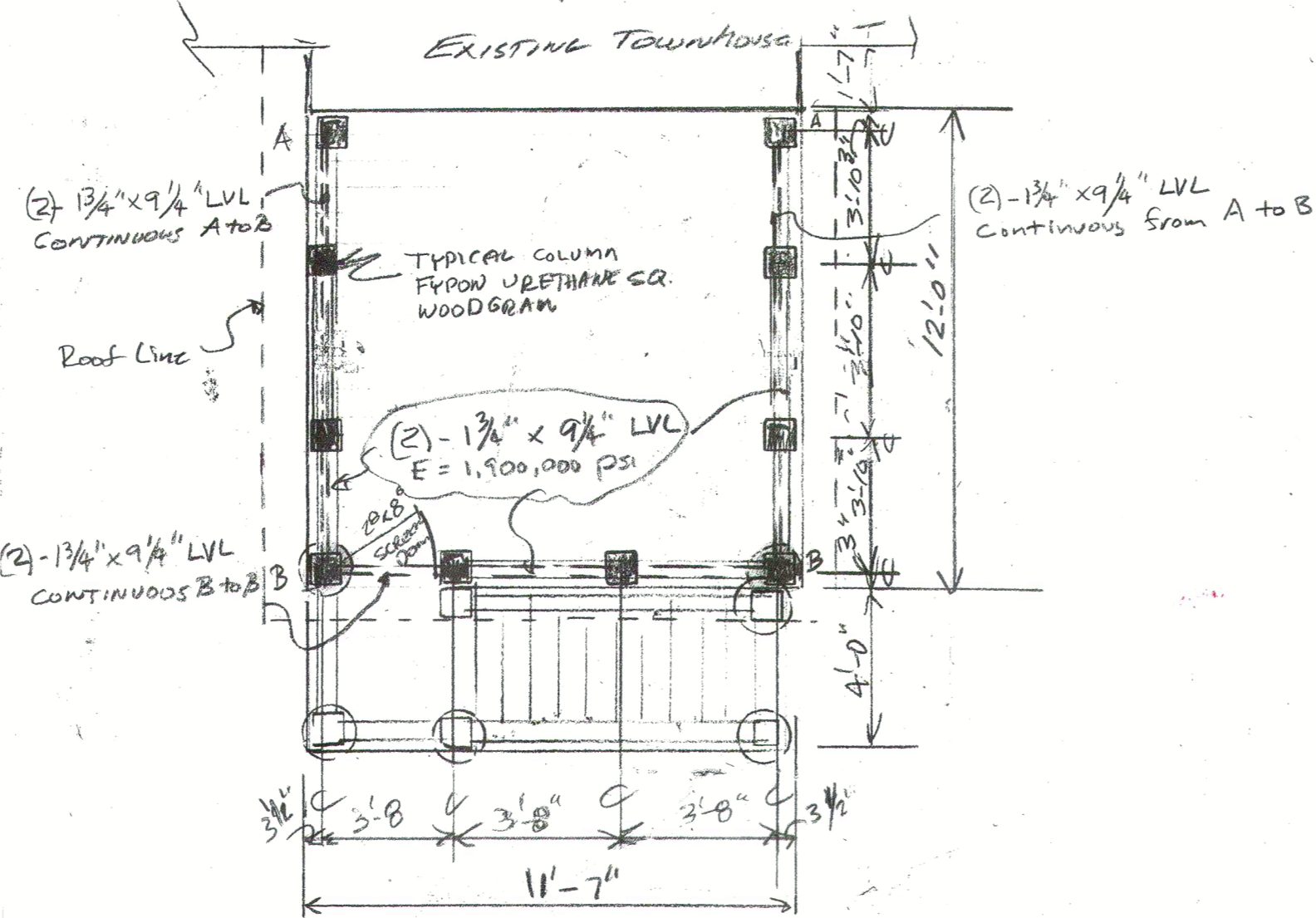


Part Number	Width (A)	Height (B)	Load Bearing Capacity
PPSQKIT6X108S	7"	108"	12,000#

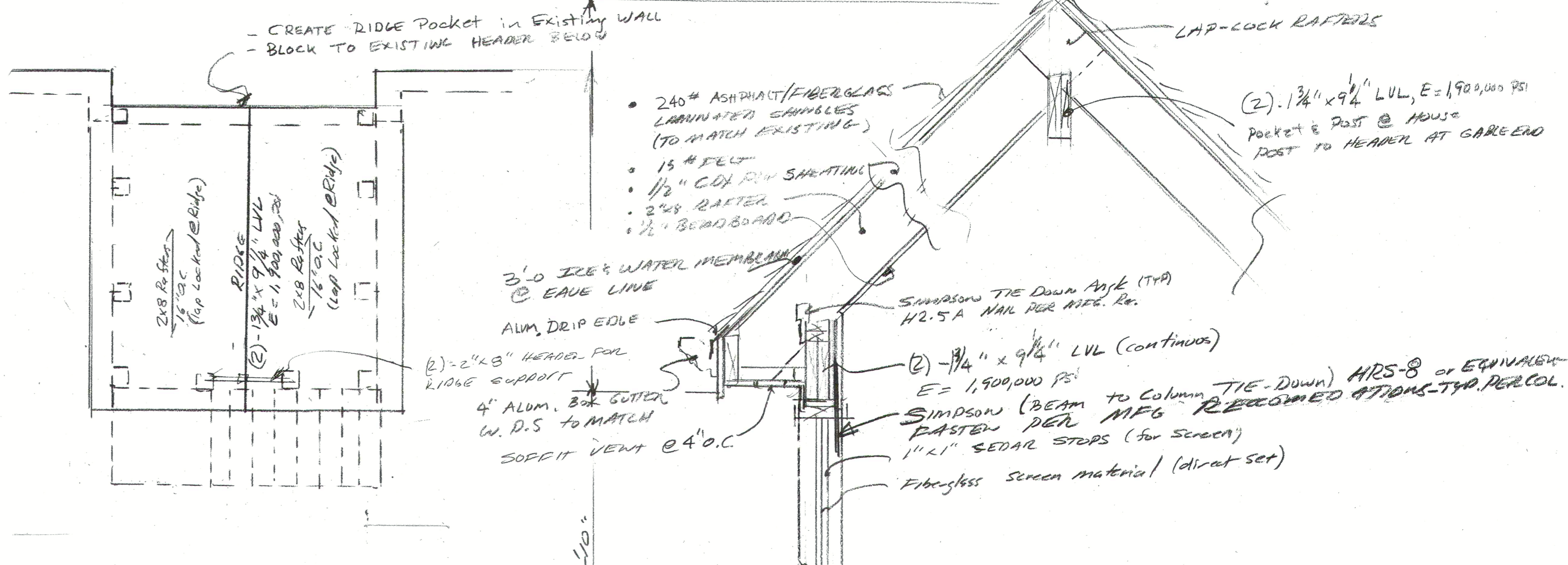
NOTE: Installation kit included. Column can be field trimmed to various heights without losing load rating. Cap is 9" x 7" and base is 9" x 9".

PPSQKIT6X108S: COLUMN KIT SQUARE W/ TRIM 7-1/8X7-1/8X108 WOODGRAIN, ELEVATION

REVISION DATE 03/10/2014

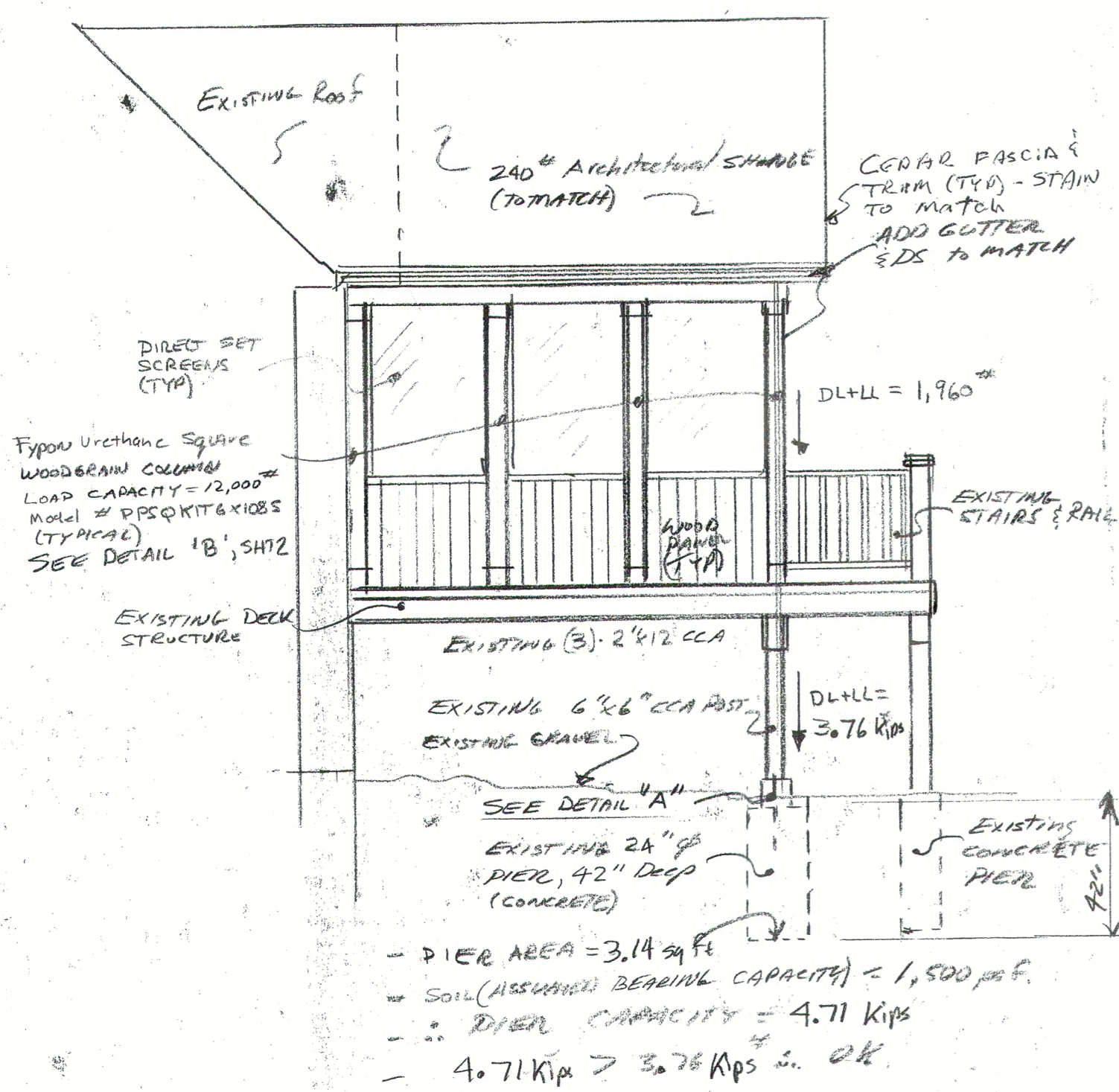


PROPOSED SCREENED PORCH ON EXISTING DECK - PLANVIEW (SCALE: 1/4" = 1'-0")

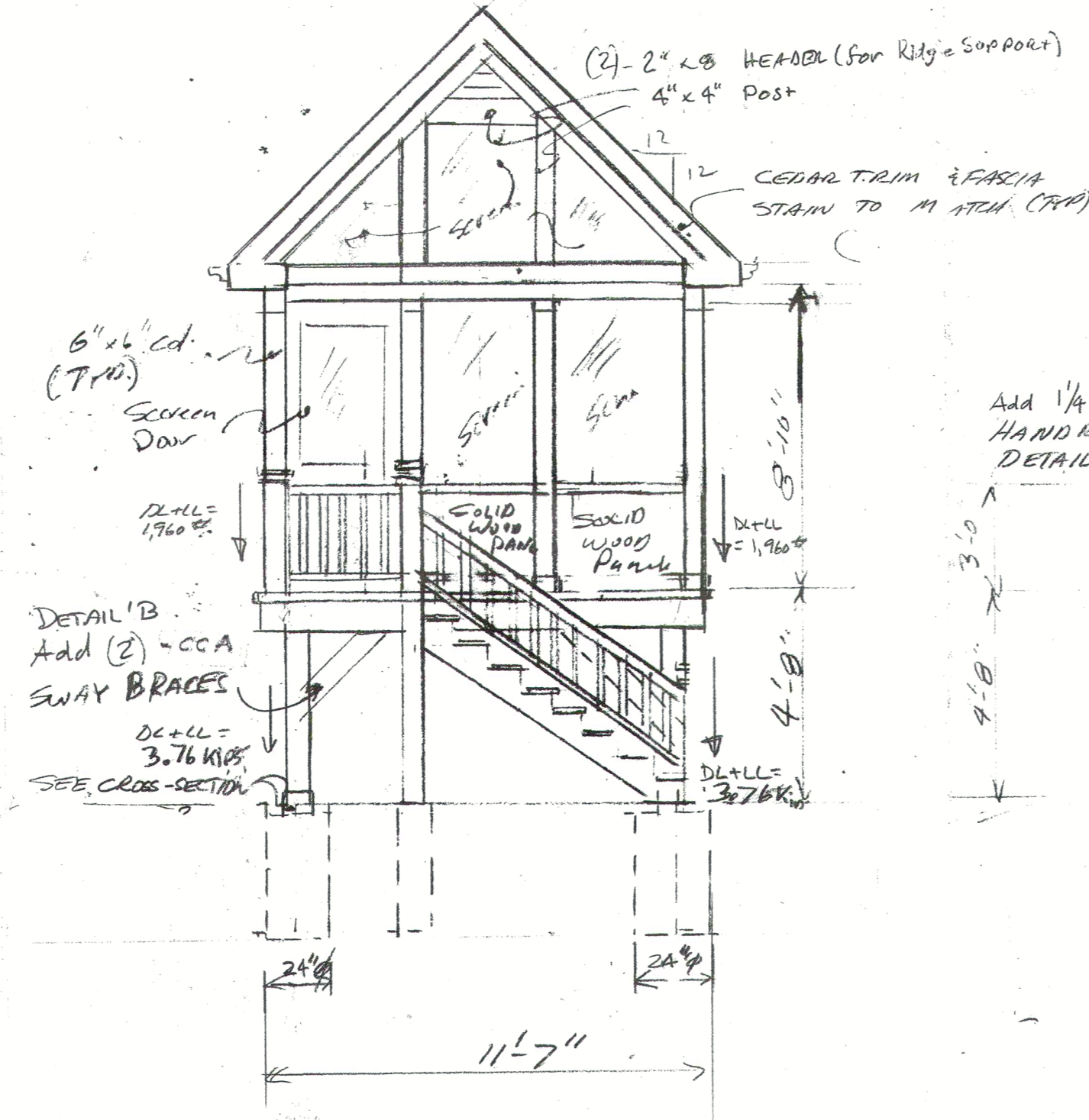


ROOF FRAMING PLAN: (SCALE: 1/4" = 1'-0")

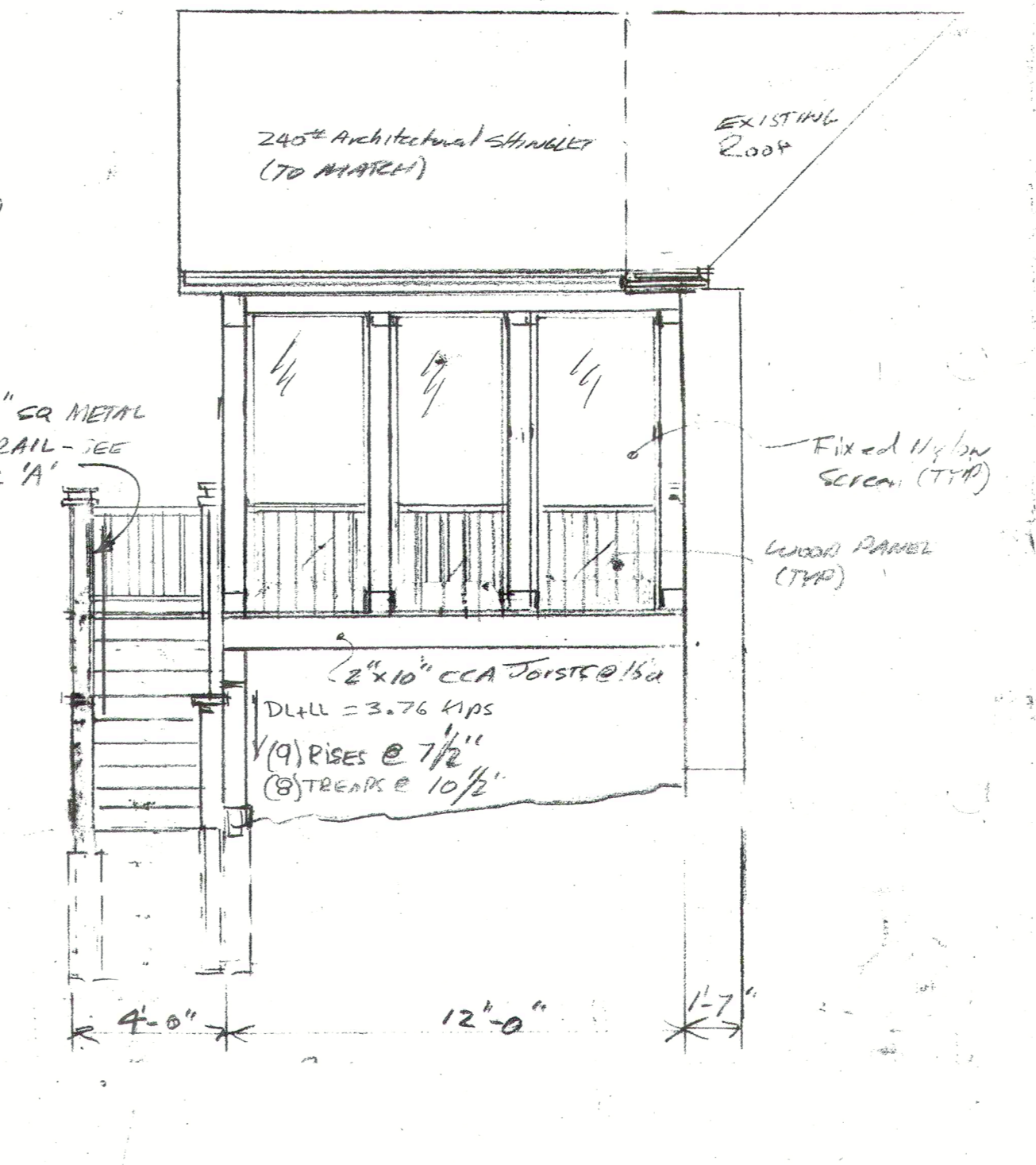
DETAIL 'B'
COLUMN DETAIL



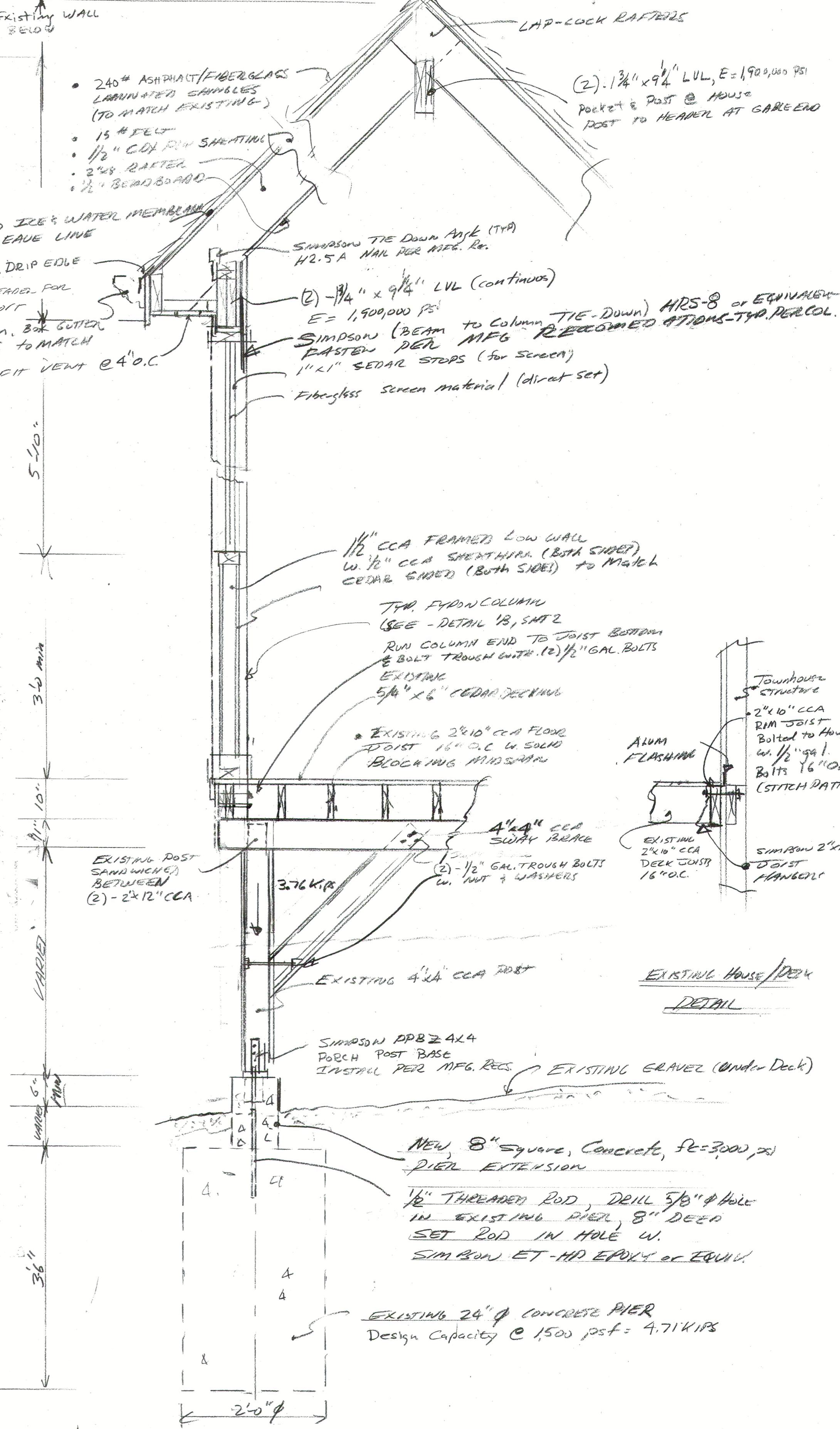
PROPOSED SCREENED PORCH ON EXISTING DECK - LEFT SIDE VIEW (SCALE: 1/4" = 1'-0")



PROPOSED SCREENED PORCH ON EXISTING DECK - FRONT ELEVATION (SCALE: 1/4" = 1'-0")



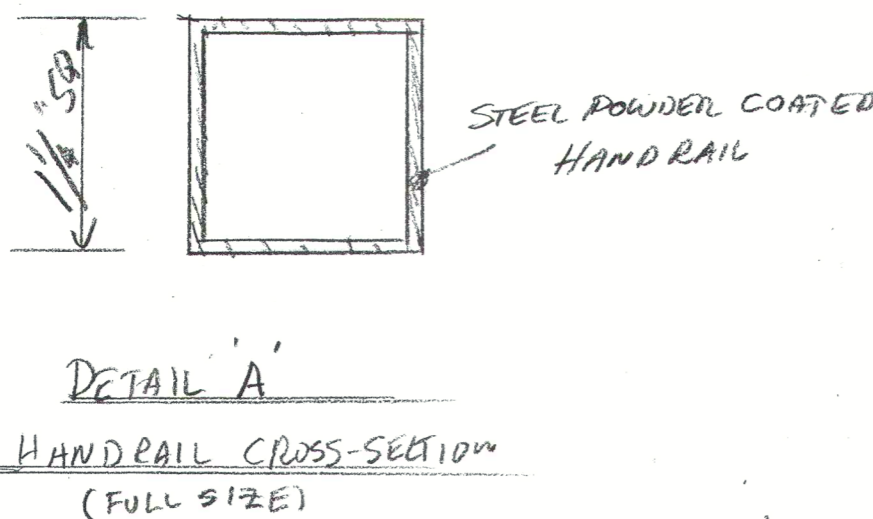
PROPOSED SCREENED PORCH ON EXISTING DECK - RIGHT SIDE VIEW (SCALE: 1/4" = 1'-0")



CROSS-SECTION: A-A
SCALE: 1" = 1'-0"

Rafter Spacing	Species & Grade	Ground Snow Load 30psf - Ceiling attached to rafters									
		2x4	2x6	2x8	2x10	2x12	2x4	2x6	2x8	2x10	2x12
12	Hein-Fir2	8-10	13-7	17-2	21-0	24-4	8-1	12-1	15-4	18-9	21-9
	Spruce-pine-Fir2	8-1	13-9	17-5	21-4	24-8	8-5	12-4	15-7	19-1	22-1
16	Hein-Fir2	8-0	11-9	14-1	18-2	21-1	7-2	10-6	13-4	16-3	18-10
	Spruce-pine-Fir2	8-2	11-11	13-1	18-1	21-5	7-3	10-3	13-6	16-6	19-2
12	Hein-Fir2	8-0	12-7	16-7	21-0	24-4	8-0	12-2	15-4	18-9	21-9
	Spruce-pine-Fir2	8-3	12-11	17-0	21-4	24-8	8-3	12-4	15-7	19-1	22-1
16	Hein-Fir2	7-5	11-5	14-1	18-2	21-1	7-2	10-6	13-4	16-3	18-10
	Spruce-pine-Fir2	7-6	11-9	13-1	18-1	21-5	7-3	10-3	13-6	16-6	19-2

MAXIMUM FLOOR JOIST SPANS APPLICABLE TO THIS DESIGN:



DETAIL A
HANDRAIL CROSS-SECTION
(FULL SIZE)

WAKEFIELD CUSTOM HOMES, INC.
6048 SEDGLEY CT.
BURR RIDGE, IL 60527
(630) 794-0013
APRIL 10, 2018

I hereby certify that I have prepared, or have caused to be prepared under my direct supervision and to the best of my knowledge and belief and to the extent of our contractual obligations; these drawings conform to the zoning, building codes & amendments of the Naperville, Illinois Building Department



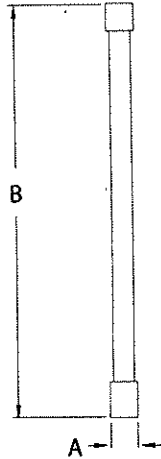
Frank J. Lucchese, Registered Architect
State of Illinois # 6950; Expires Nov. 30, 2018
Professional Design Firm - Architectural Corporation
184.002227; Expires April 30, 2017

Dated

Pages

DECK CONVERSION TO SCREENED PORCH
Sheet 2 of 2
THE BELLOCK RESIDENCE
1224 Stonebrier ct.
Naperville, IL 60527

Column
Woodgrain - Structural



Part Number	Width (A)	Height (B)	Load Bearing Capacity
PPSQKIT6X108S	7"	108"	12,000#

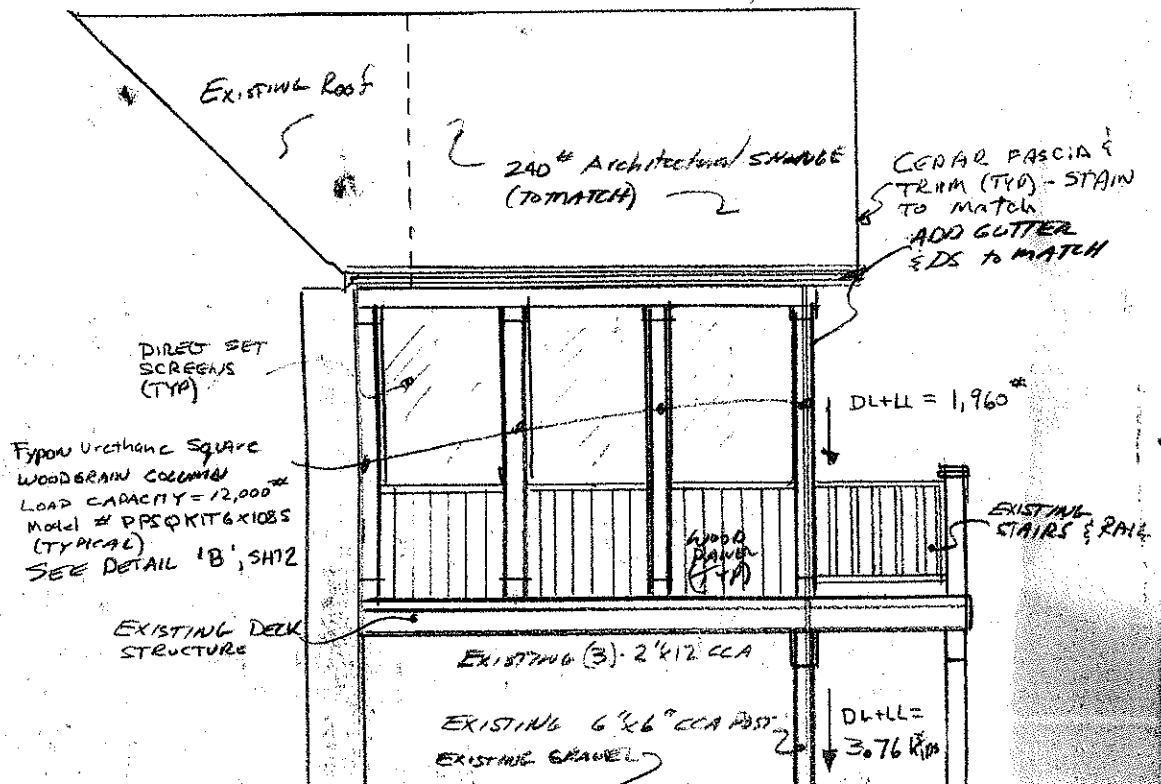
NOTE: Installation kit included. Column can be field trimmed to various heights without losing load rating. Cap is 9 1/2" x 7" and base is 9 1/2" x 9".

PPSQKIT6X108S: COLUMN KIT SQUARE W/TRIM 7-1/8X7-1/8X108 WOODGRAIN, ELEVATION

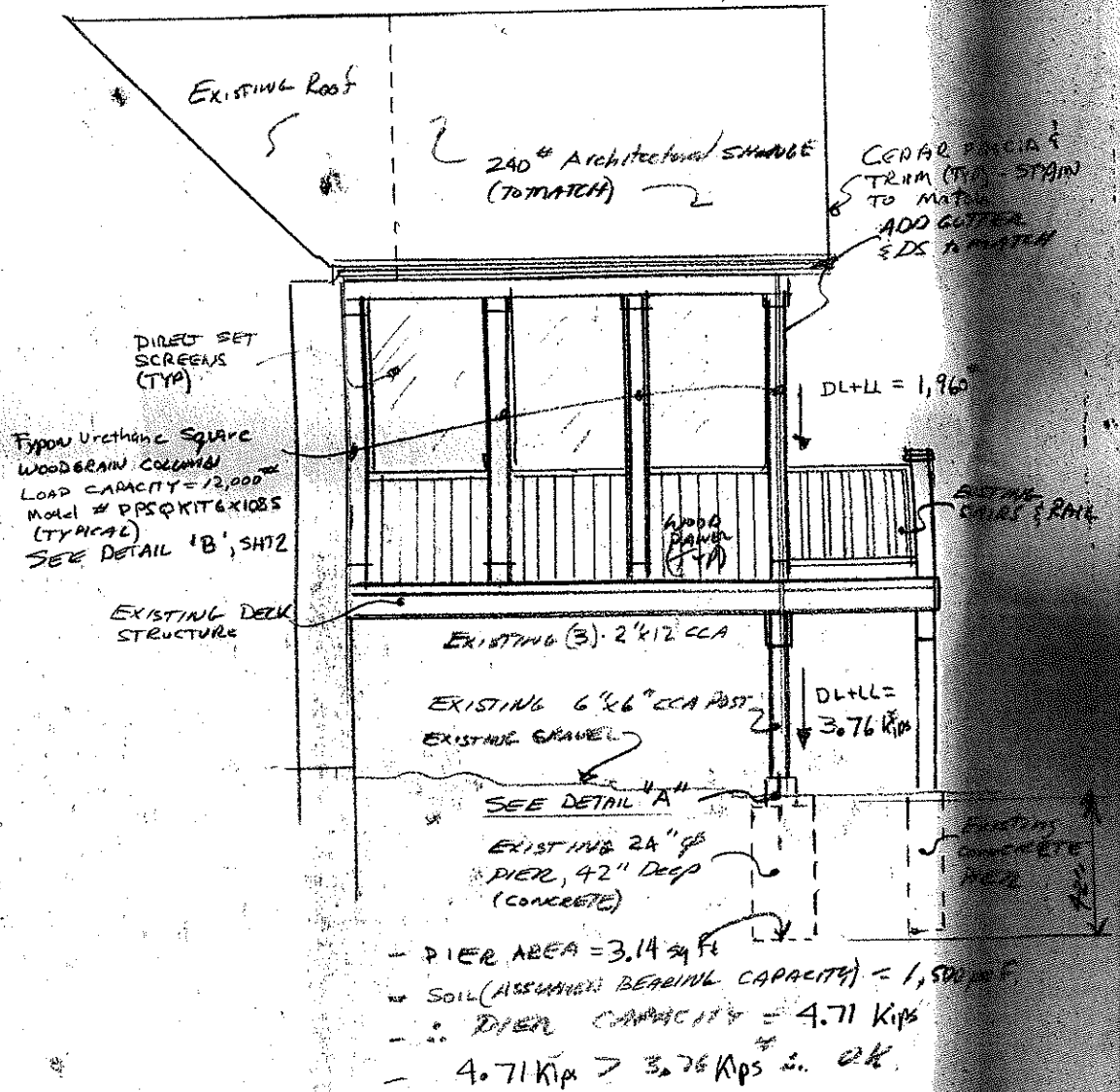
REVISION DATE 03/10/2014

PRC

DETAIL 'B'
COLUMN DETAIL



DETAIL 'B'
COLUMN DETAIL



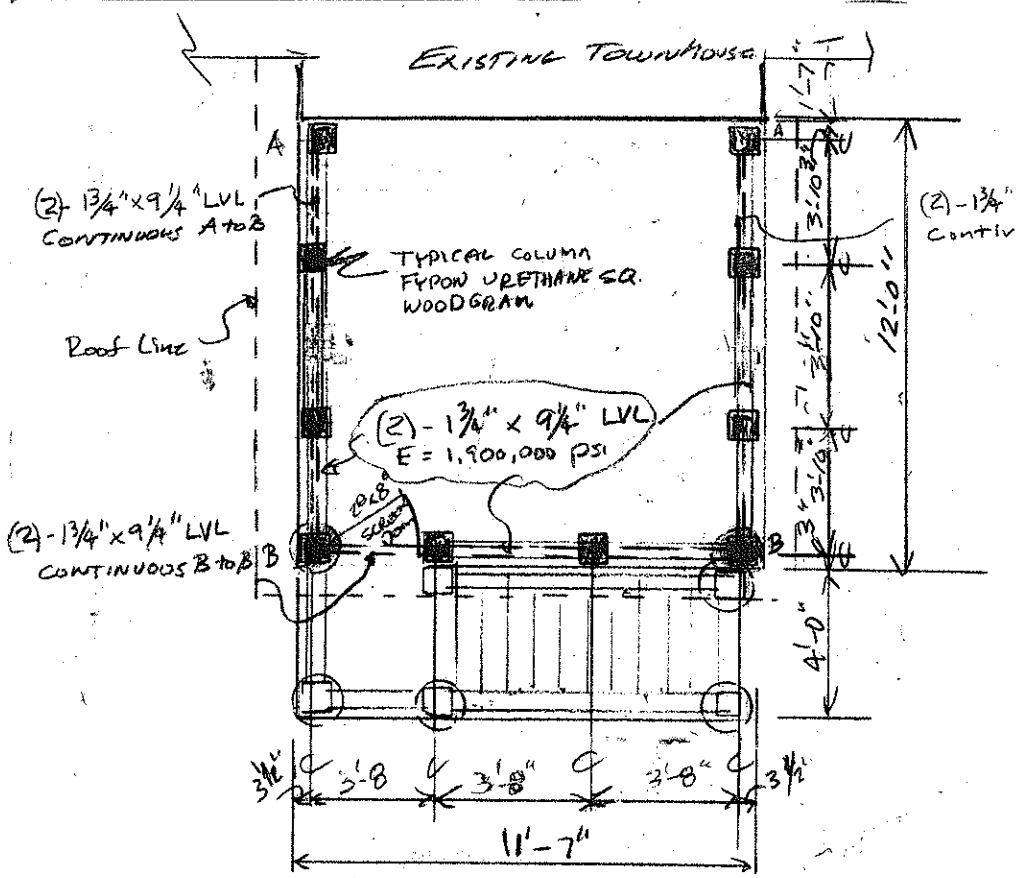
PROPOSED SCREENED PORCH on EXISTING DECK – LEFT SIDE VIEW (SCALE: 1/4" = 1'-0")

Table R802.5.1(3)		Rafter Spans - Ground Snow Load 30psf - Ceiling not attached to rafters									
Rafter Spacing	Species & Grade	DEAD LOAD = 10 psf					DEAD LOAD = 20 psf				
		2x4	2x6	2x8	2x10	2x12	2x4	2x6	2x8	2x10	2x12
		Maximum Rafter Spans (feet - inches)									
12	Hem-fir#2	8-10	13-7	17-2	21-0	24-4	8-4	12-2	15-4	18-9	21-9
	Spruce-pine-fir#2	9-1	13-9	17-5	21-4	24-8	8-5	12-4	15-7	19-1	22-1
16	Hem-fir#2	8-0	11-9	14-11	18-2	21-1	7-2	10-6	13-4	16-3	18-10
	Spruce-pine-fir#2	8-2	11-11	15-1	18-5	21-5	7-3	10-8	13-6	16-6	19-2
Table R802.5.1(5)		Rafter Spans - Ground Snow Load 30psf - Ceiling attached to rafters									
12	Hem-fir#2	8-0	12-7	16-7	21-0	24-4	8-0	12-2	15-4	18-9	21-9
	Spruce-pine-fir#2	8-3	12-11	17-0	21-4	24-8	8-3	12-4	15-7	19-1	22-1
16	Hem-fir#2	7-3	11-5	14-11	18-2	21-1	7-2	10-6	13-4	16-3	18-10
	Spruce-pine-fir#2	7-6	11-9	15-1	18-5	21-5	7-3	10-8	13-6	16-6	19-2

1/4" = 1'-0"

Load Bearing Capacity
12,000#
various heights

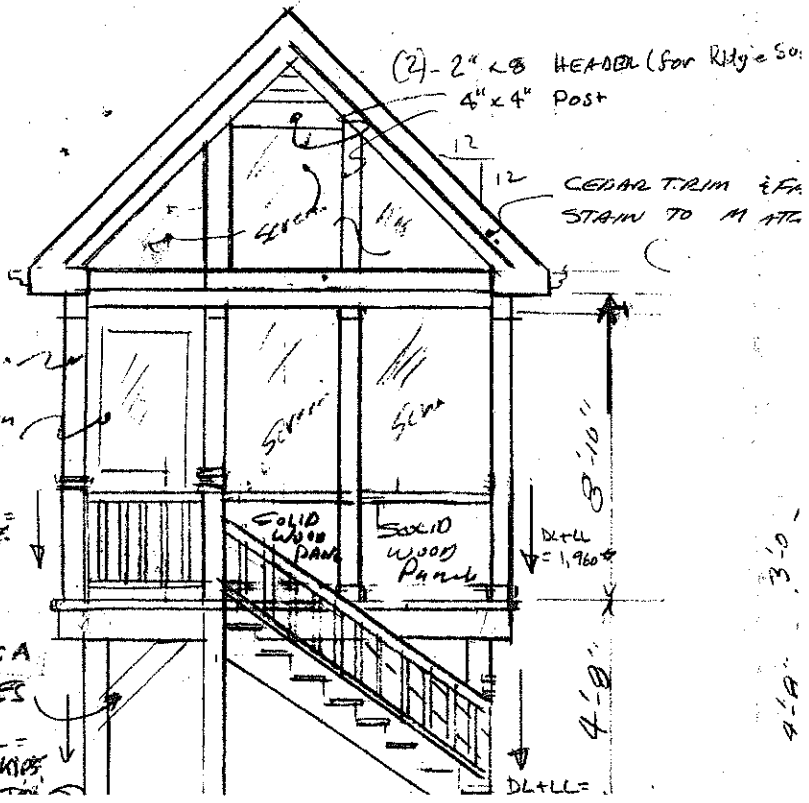
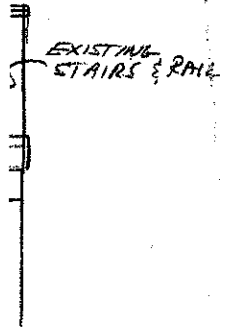
DATE 03/10/2014



PROPOSED SCREENED PORCH on EXISTING DECK - PLANVIEW (SCALE: 1/4" = 1'-0")

AR FASCIA 1/2" (TYP) - STAIN MATCH
2 GUTTERS TO MATCH

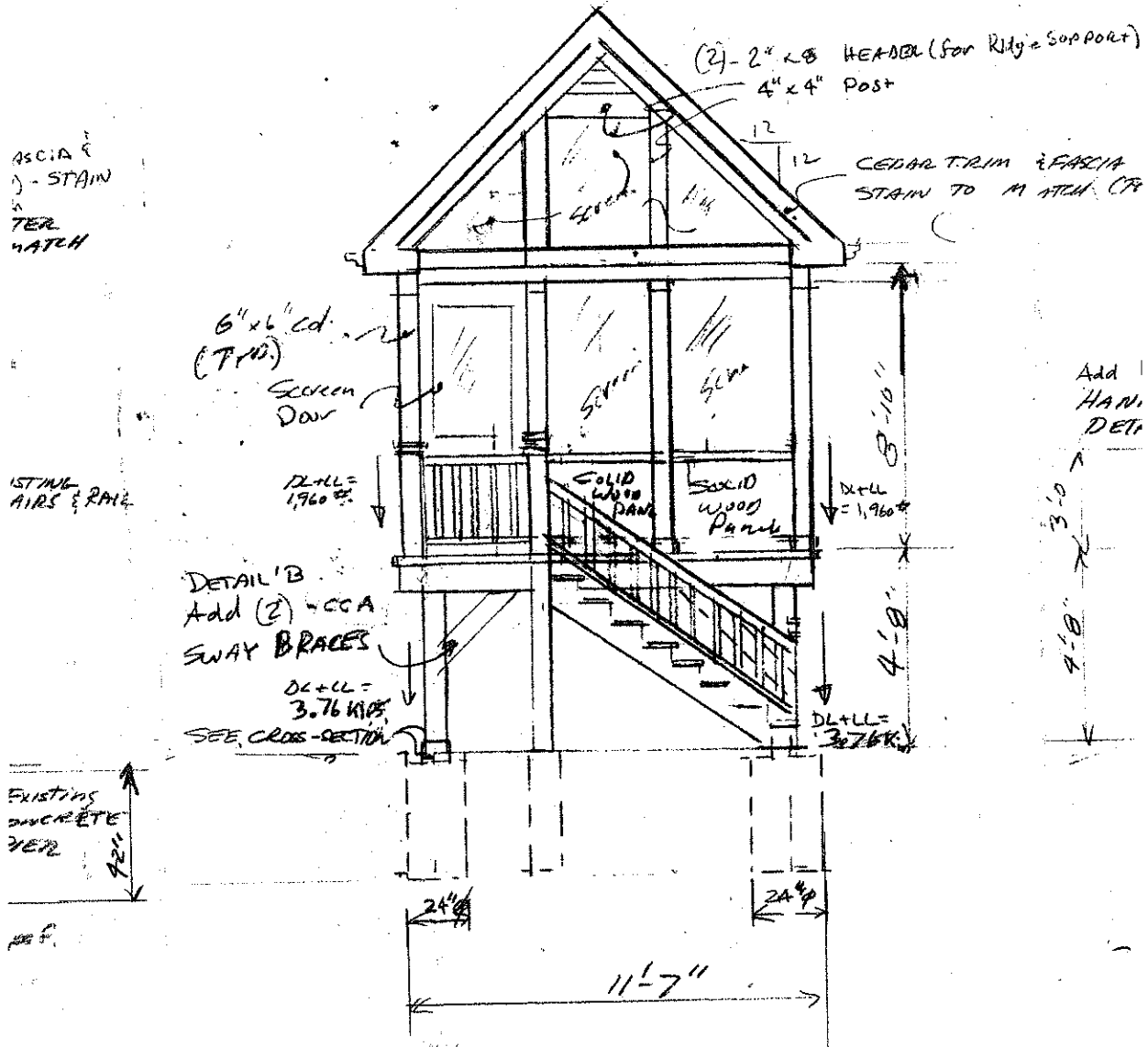
1,960



DETAIL 'B'
Add (2) - CCA SWAY BRACES

3'-0"
4'-0"

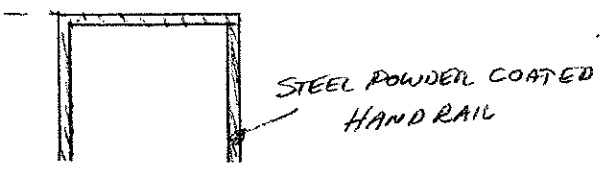
PROPOSED SCREENED PORCH on EXISTING DECK - PLANVIEW (SCALE: 1/4" = 1'-0")

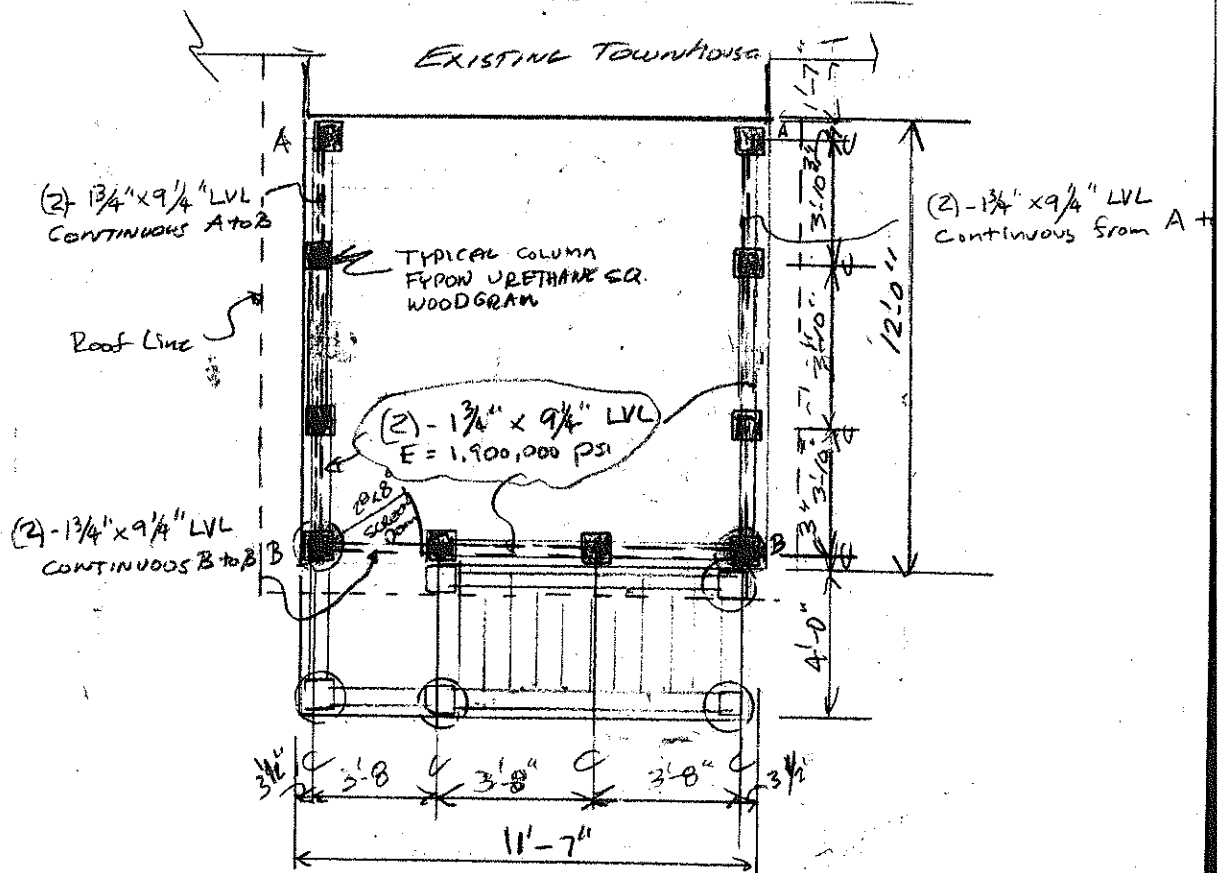


1/4" = 1'-0"

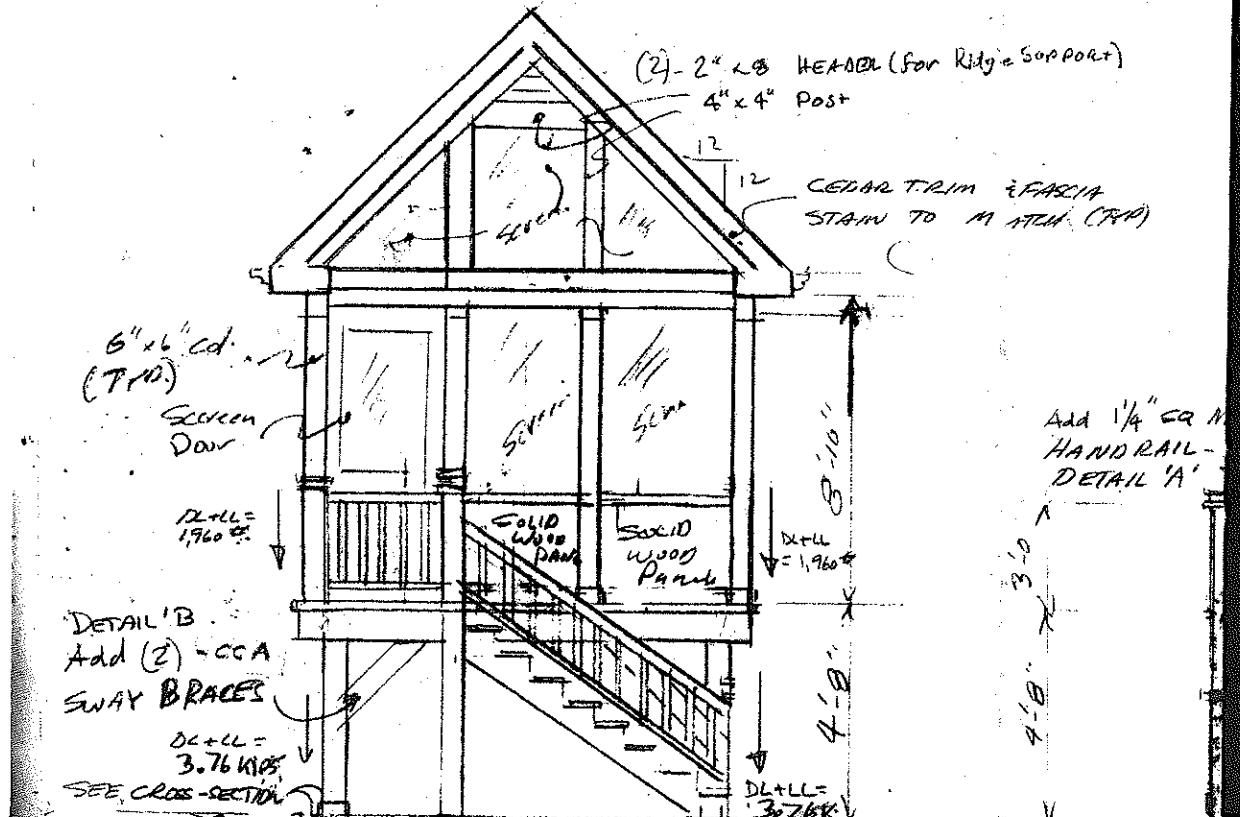
PROPOSED SCREENED PORCH on EXISTING DECK -

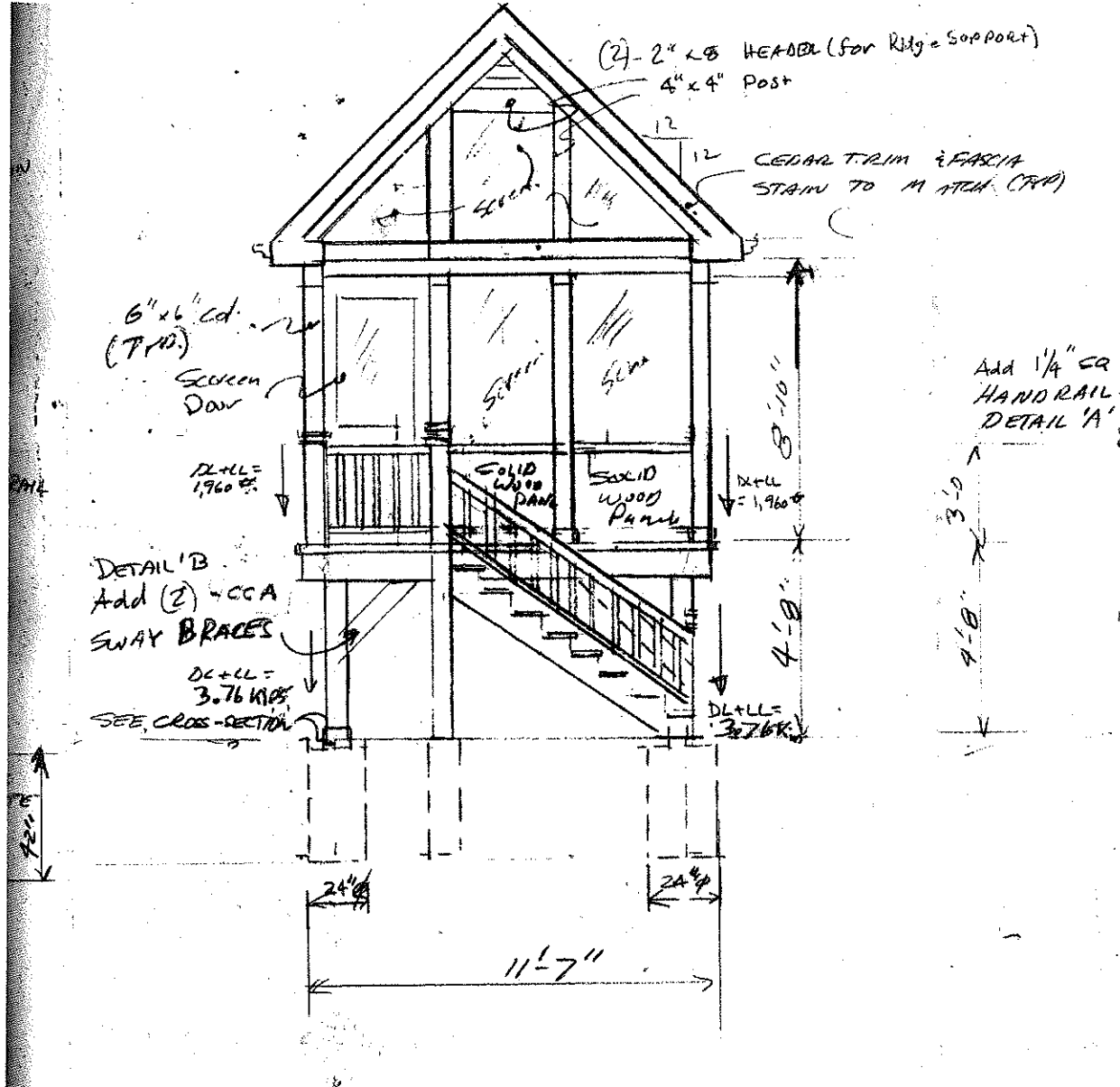
FRONT ELEVATION (SCALE: 1/4" = 1'-0")





OPOSED SCREENED PORCH on EXISTING DECK - PLANVIEW (SCALE: 1/4" = 1'-0")

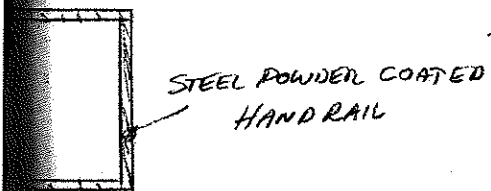




PROPOSED SCREENED PORCH on EXISTING DECK -

PROPOSE

FRONT ELEVATION (SCALE: 1/4" = 1'-0")



SS-SECTION

W
60
BL
6
AI

STAY WALL
ELEV

LAP-LOCK R.

- 240# ASPHALT/FIBERGLASS LAMINATED SHINGLES (TO MATCH EXISTING)
- 15 # FELT
- 1/2" CDX FIB SHEATHING
- 2" OSB PASTER
- 1/2" BEAD BOARD

(2) - 1 3/4"
Pocket
POST

ICE & WATER MEMBRANE
QUE LINE

RIP EDGE

10" FOAM

BOX CUTTER
TO MATCH

+ VENT @ 4" O.C.

SIMPSON TIE DOWN ANGLE (TYP)
H2.5A NAIL PER MANF. RE.

(2) - 1 3/4" x 9 1/4" LVL (CONTINUOUS)
E = 1,900,000 PSI

SIMPSON (BEAM TO COLUMN TIE-DOWN)
PASTER PER MANF. RE.

1" x 1" CEDAR STOPS (FOR SCREEN)

Fiberglass screen material (direct set)

5'10"

1 1/2" CCA FRAMED LOW WALL
w. 1/2" CCA SHEATHING (BOTH SIDES)
CEDAR SIDING (BOTH SIDES) TO MANF.

TYP. FIBERON COLUMN
(SEE - DETAIL 13, SMT 2)

RUN COLUMN END TO JOIST END
& BOLT THROUGH WITH (2) 1/2" GAL. B.
EXISTING
5/4" x 6" CEDAR JOIST

EXISTING 2'x10" CCA FLOOR
JOIST 16" O.C. w. SOLID
BLOCKING AND SPACING

3'6" MIN

11" 10"

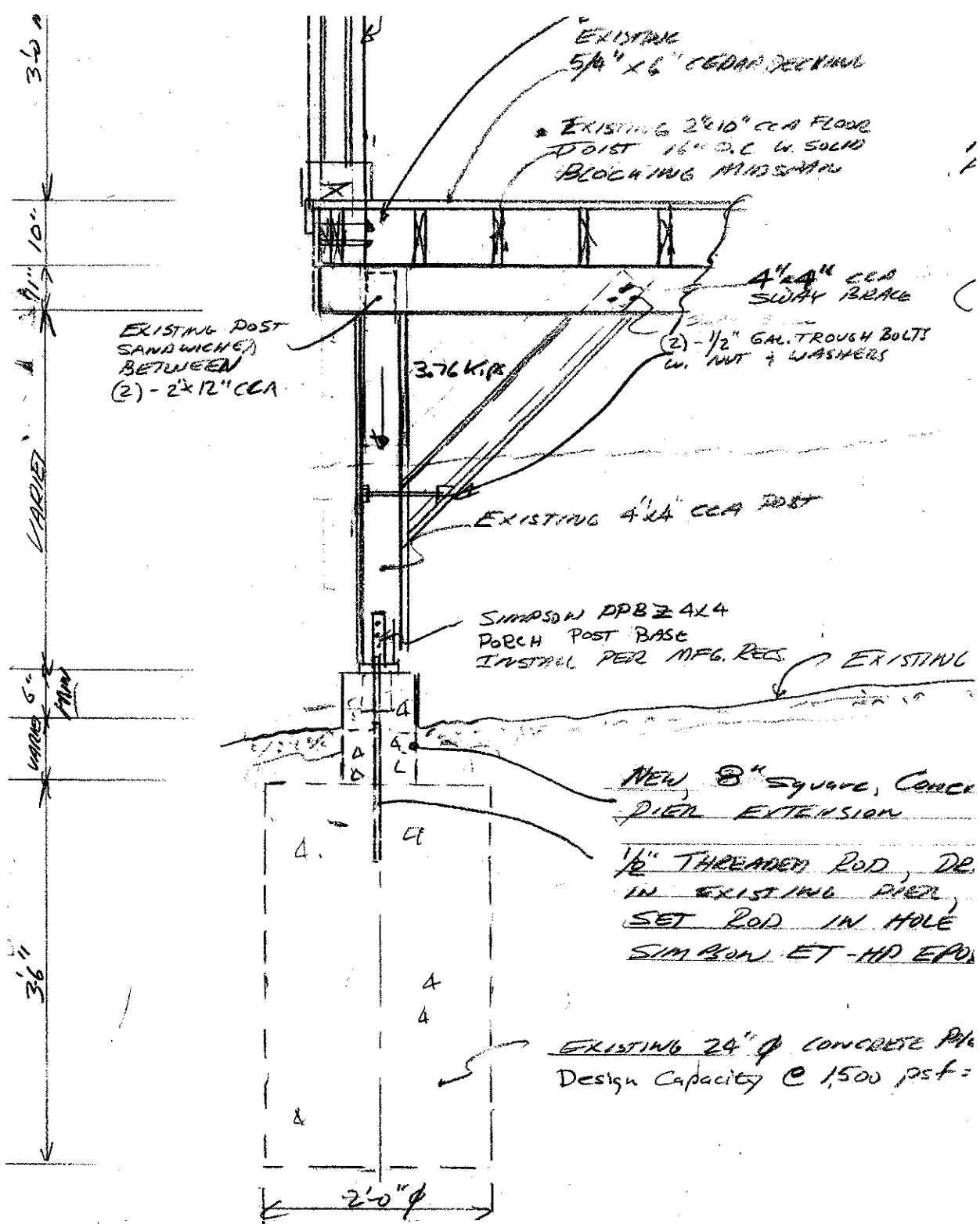
4" x 4" CCA SWAY BRACE

EXISTING POST
SANDWICHED
BETWEEN
(2) - 2" x 12" CCA

(2) - 1/2" GAL. TROUGH BOLTS
w. NUT & WASHERS

376 KIP

EXISTING 4" x 4" CCA POST



CROSS-SECTION: A-A

SCALE: 1" = 1'-0"

I have caused to be prepared
 best of my knowledge and
 all obligations; these drawings
 & amendments of the

Dated _____

ct
 0, 2018
 al Corporation

Pages _____



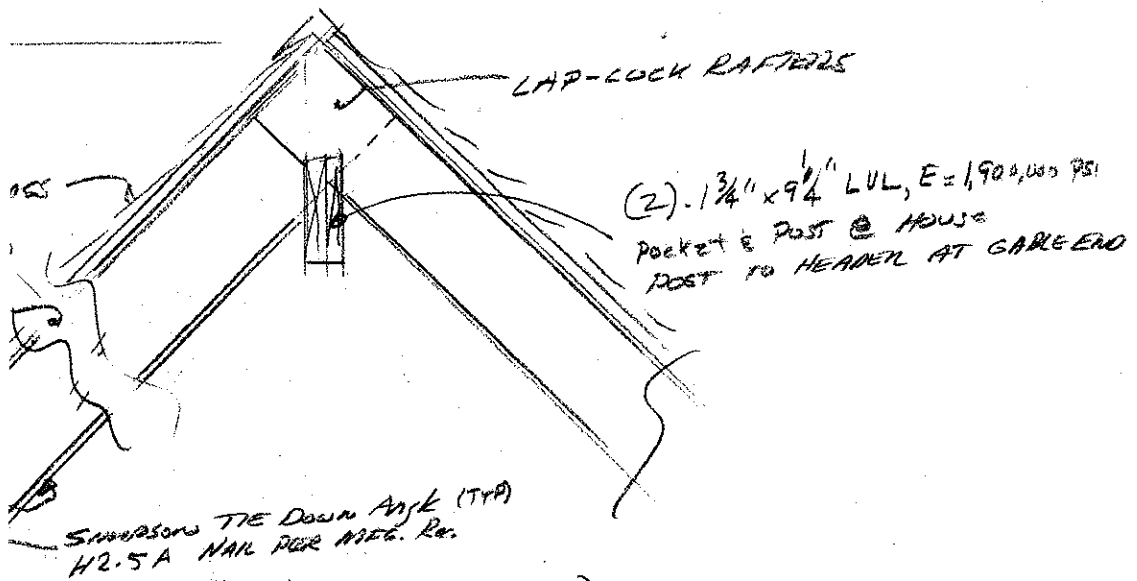
Expires 11/30/2018
 Professional Design Firm
 Architect Corporation
 #184-002227
 Expires 04/30/2017

DECK CONVERSION TO SC

Sheet 2 of 2

THE BELLOCK RESIDENCE

1224 Stonebrier ct.
 Naperville, IL 60527

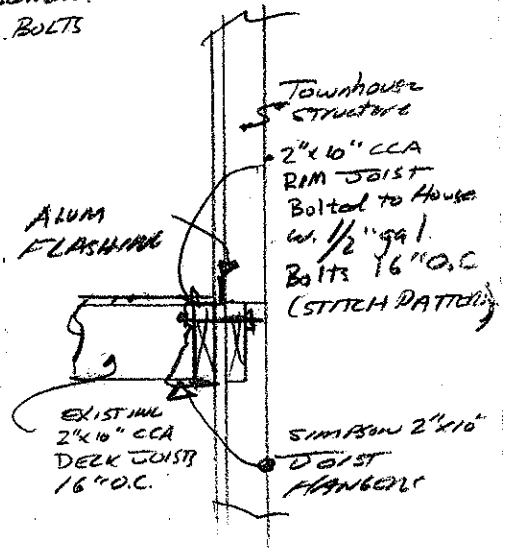
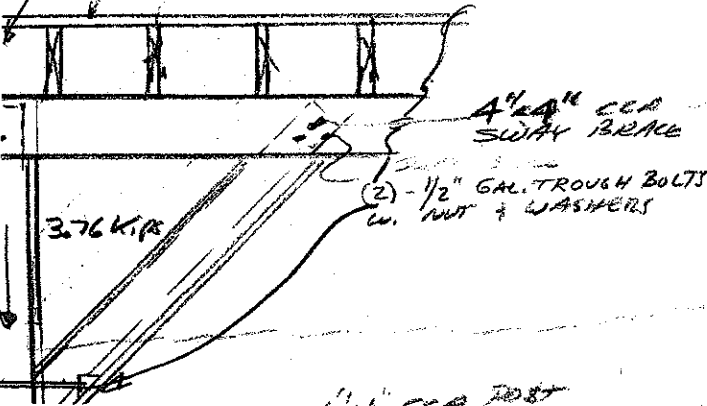


- (2) - 1 3/4" x 9 1/4" LVL (CONTINUOUS)
E = 1,900,000 PSI
- SIMPSON (BEAM TO COLUMN TIE-DOWN) HPS-8 or EQUIVALENT
FASTEN PER MFG. RECOMMENDATIONS - TYP. PER COL.
- 1" x 1" CEDAR STOPS (FOR SCREEN)
- Fiberglass screen material (direct set)

1/2" CCA FRAMED LOW WALL
w. 1/2" CCA SHEATHING (BOTH SIDES)
CEDAR SIDING (BOTH SIDES) TO MATCH

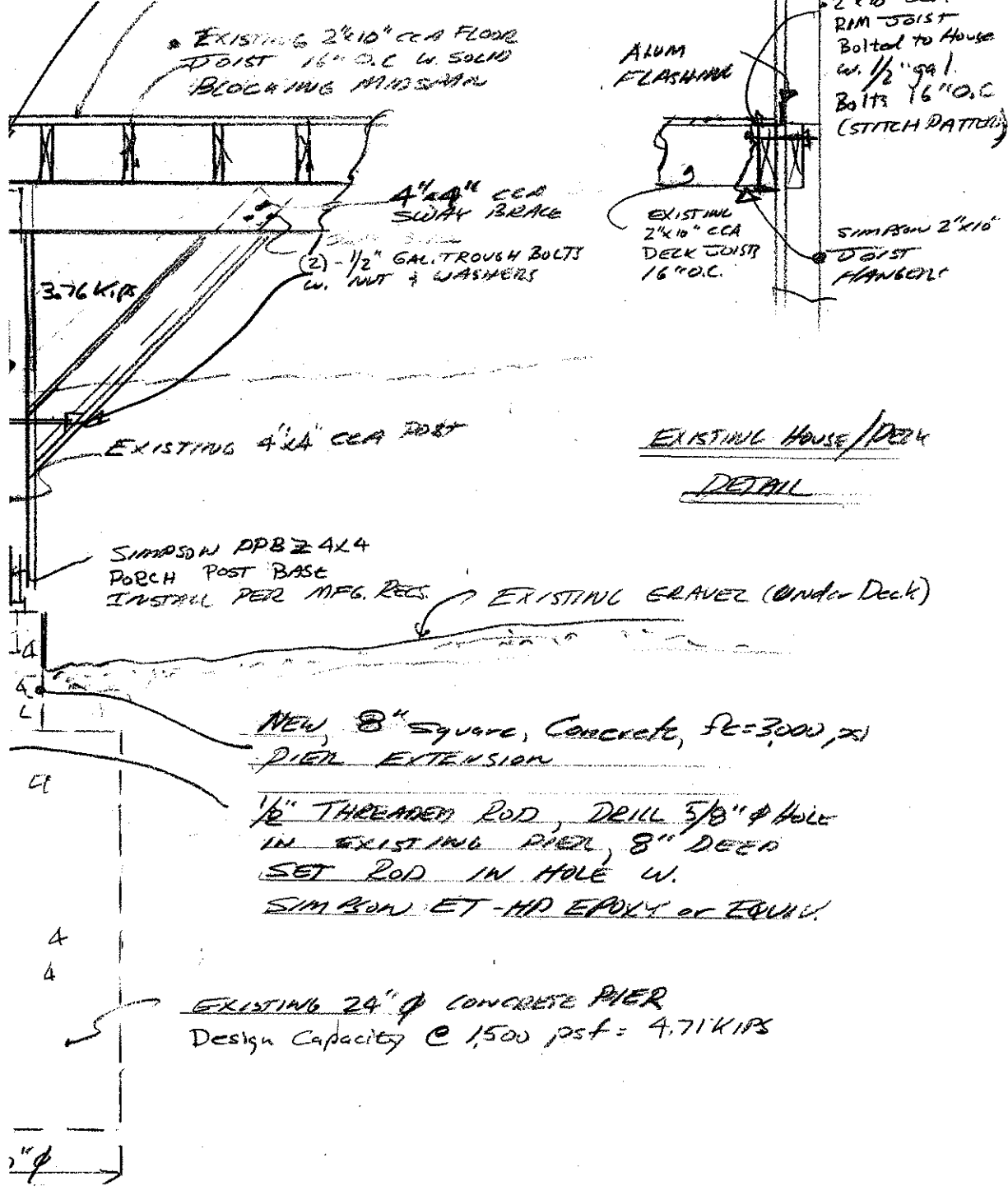
TYP. FLYING COLUMN
(SEE - DETAIL 'B', SMT 2)
RUN COLUMN END TO JOIST BOTTOM
& BOLT THROUGH WITH (2) 1/2" GAL. BOLTS
EXISTING
5/4" x 6" CEDAR JOIST

EXISTING 2"x10" CCA FLOOR
JOIST 16" O.C. w. SOLID
BLOCKING MIDSPAN



1 1/2" POST

EXISTING HOUSE / DECK



EXISTING 2"x10" CCA FLOOR JOIST 16" O.C. W. SOLID BLOCKING MINIMUM

ALUM FLASHING

2"x10" RIM JOIST Bolted to House w. 1/2" gal. Bolts 16" O.C. (STITCH DETAIL)

4"x4" CCA SWAY BRACE
(2) 1/2" GAL. TROUGH BOLTS w. NUT & WASHERS

EXISTING 2"x10" CCA DECK JOIST 16" O.C.

SIMPSON 2"x10" DECK FASTENERS

3.76 KIPS

EXISTING 4"x4" CCA POST

EXISTING HOUSE/DECK

DETAIL

SIMPSON PPB 2x4x4 PORCH POST BASE INSTALL PER MFG. REC.

EXISTING GRAVEL (Under Deck)

NEW 8" Square Concrete, $f_c = 3000$ psi
PIER EXTENSION

1/2" THREADED ROD, DRILL 5/8" HOLE IN EXISTING PIER, 8" DEEP SET ROD IN HOLE W. SIMPSON ET-HP EPOXY or EQUIV.

EXISTING 24" ϕ CONCRETE PIER
Design Capacity @ 1500 psf = 4.71 KIPS

CROSS-SECTION: A-A
SCALE: 1" = 1'-0"



2018
esign Firm
oration
27
/2017

DECK CONVERSION TO SCREENED PORCH
Sheet 2 of 2
THE BELLOCK RESIDENCE
1224 Stonebrier ct.
Naperville, IL 60527