

SEE RAILING DETAILS
ELSEWHERE THESE PLANS

PORCH

M/H

P.T. 6 X 6 COLUMN TO PORCH ROOF

SCALE NOTE:
DETAILS: N.T.S.

P.T. 2 X 6 No.2 S.Y.P. DECKING, INSTALLED W/
1/4" SPACING BETWEEN MEMBERS & #10d GALV.
STEEL ANNUAL RING NAILS AS ILLUSTRATED OR
#14 X 3" GALV. STEEL SCREWS AS ILLUSTRATED

P.T. 2 X 6 No.2 S.Y.P. DECK JOISTS
ATTACHED TO EACH
P.T. 2 X 6 "VALER" W. 1 - MODEL
NO. H4 BY SIMPSON STRONG-TIE OR
EQUAL W/ ALL MFR. REQUIRED NAILS

WBX15 STEEL BEAM

P.T. 6 X 6 COLUMN

M/H OUTRIGGER
WBX24 - NEW CONST. BEAM
WBX13 WELDED TO EACH OUTRIGGER
1" X 1" X 1/4" ANGLE WELDED TO
WBX13 & WBX24 @ EACH WEB BEAM

FINISH GRADE

PRE-CAST
SLAB
4'-0" MINIMUM

16" X 16" X 4" PRE-CAST CONCRETE PAD

2 - 5/8" X 8" GALV. STEEL LAG BOLTS
OF 3" EACH SIDE W/ A MIN. EMBEDMENT

5 1/2" X 32" X 1/4" STEEL PLATE
W/ CONTINUOUS WELD TO STEEL BEAM
& 2 - 1/2" STEEL THROUGH BOLTS
TO WOOD COLUMN @ BOT. & TOP

P.T. 2 X 6 No.2 S.Y.P. "VALER"
ATTACHED TO STEEL BEAM W/ 1/2"
STEEL BOLTS @ 48" O.C., MAXIMUM
STAGGERED

P.T. 2 X 6 No.2 S.Y.P. DECKING, INSTALLED W/
1/4" SPACING BETWEEN MEMBERS & #10d GALV.
STEEL ANNUAL RING NAILS AS ILLUSTRATED OR
#14 X 3" GALV. STEEL SCREWS AS ILLUSTRATED

P.T. 2 X 6 No.2 S.Y.P. DECK JOISTS
ATTACHED TO EACH
P.T. 2 X 6 "VALER" W. 1 - MODEL
NO. H4 BY SIMPSON STRONG-TIE OR
EQUAL W/ ALL MFR. REQUIRED NAILS

3 SECTION @ RAILING
S1.3.0 SCALE: N.T.S.

5 1/2" X 32" X 1/4" STEEL PLATE W/ 1/4" WELD TO
WBX15 STEEL BEAM & THROUGH BOLTED TO WOOD COL.
W/ 2 - 1/2" GALV. STEEL THROUGH BOLTS W/ GALV.
STEEL NUTS & WASHERS

SEE PLAN VIEWS FOR APPLICABLE LOCATIONS

1 SECTION @ 12' WIDE PORCH W/ @ P.T. COLUMNS
S1.3.0 SCALE: N.T.S.

1A PROJECTED VIEW @ P.T. DECK & STAIR COLUMNS
S1.3.0 SCALE: N.T.S.

SEE RAILING DETAILS
ELSEWHERE THESE PLANS

P.T. 2 X 6 No.2 S.Y.P. DECKING, INSTALLED W/
1/4" SPACING BETWEEN MEMBERS & #10d GALV.
STEEL ANNUAL RING NAILS AS ILLUSTRATED OR
#14 X 3" GALV. STEEL SCREWS AS ILLUSTRATED

P.T. 2 X 8 No.2 S.Y.P. DECK JOISTS
ATTACHED TO P.T. 2 X 8 GIRDERS W/
1 - MODEL NO. U26 BY SIMPSON STRONG
TIE - OR EQUAL

DECK

M/H

2 - 1/2" GALV. STEEL THROUGH BOLTS @ P.T. COLUMN
TOP OF CMU COLUMN
P.T. 6 X 6 COLUMN
2 - P.T. 2 X 8 No.2 S.Y.P. EACH SIDE OF COLUMN
ATTACHED W/ 2 - 1/2" GALV. STEEL THROUGH BOLTS
W/ GALV. STEEL NUTS & WASHERS

P.T. 6 X 6 COLUMN

1 - P.T. 2 X 8 No.2 S.Y.P.
1 - P.T. 2 X 10 No.2 S.Y.P. BAND JOISTS

2 SECTION @ DECK W/ @ P.T. COLUMNS
S1.3.0 SCALE: N.T.S.

3000 P.S.I. CONCRETE MIX
@ EACH P.T. COLUMN
CONCRETE PAD

FINISH GRADE

PRE-CAST
SLAB
4'-0" MINIMUM

16" X 16" X 4" PRE-CAST CONCRETE PAD

2 - 5/8" X 8" GALV. STEEL LAG BOLTS
OF 3" EACH SIDE W/ A MIN. EMBEDMENT

2 - 1/2" GALV. STEEL THROUGH BOLTS
W/ 2" SQUARE WASHERS @ COL. CONNECTION
@ EACH BAND BEAM / JOISTS

NOTCH EACH SIDE 3/4" TO RECEIVE 2 X 8 FLOOR GIRDERS
ATTACH 2 X 8 TO EXTERIOR SIDE
P.T. 2 X 10 No.2 S.Y.P.
P.T. 2 X 8 No.2 S.Y.P.

P.T. 6 X 6 COLUMN, SEE
PLAN VIEWS FOR LOCATIONS
CONTINUOUS FROM CONCRETE
PAD TO TOP OF GUARD RAIL

SEE SECTION / DETAIL
NOTES.

2 - 3/4" GALV. STEEL THROUGH BOLTS
W/ GALV. STEEL NUTS & WASHERS @
EACH COLUMN & CENTER BLOCKING

8'-0" BELOW BOT.
OF BAND JOISTS, TYP.

SOLID
BLOCKING

DIA. BRACING @ PERIMETER COLS.
2 - P.T. 2 X 6 No.2 S.Y.P. GLUED
& NAILED W/ 16d COM. @ 12" O.C.
STAGGERED @ EACH COL., EACH
SIDE. SEE DETAIL

4 DIA. BRACING-DECK ONLY
S1.3.0 SCALE: N.T.S.

P.T. 2 X 6 No.2 S.Y.P. DECKING
W/ 1/4" SPACING

7"

1 1/4"

10"

1 1/2"

P.T. 2 X 12 STAIR STRINGERS

FINISH GRADE

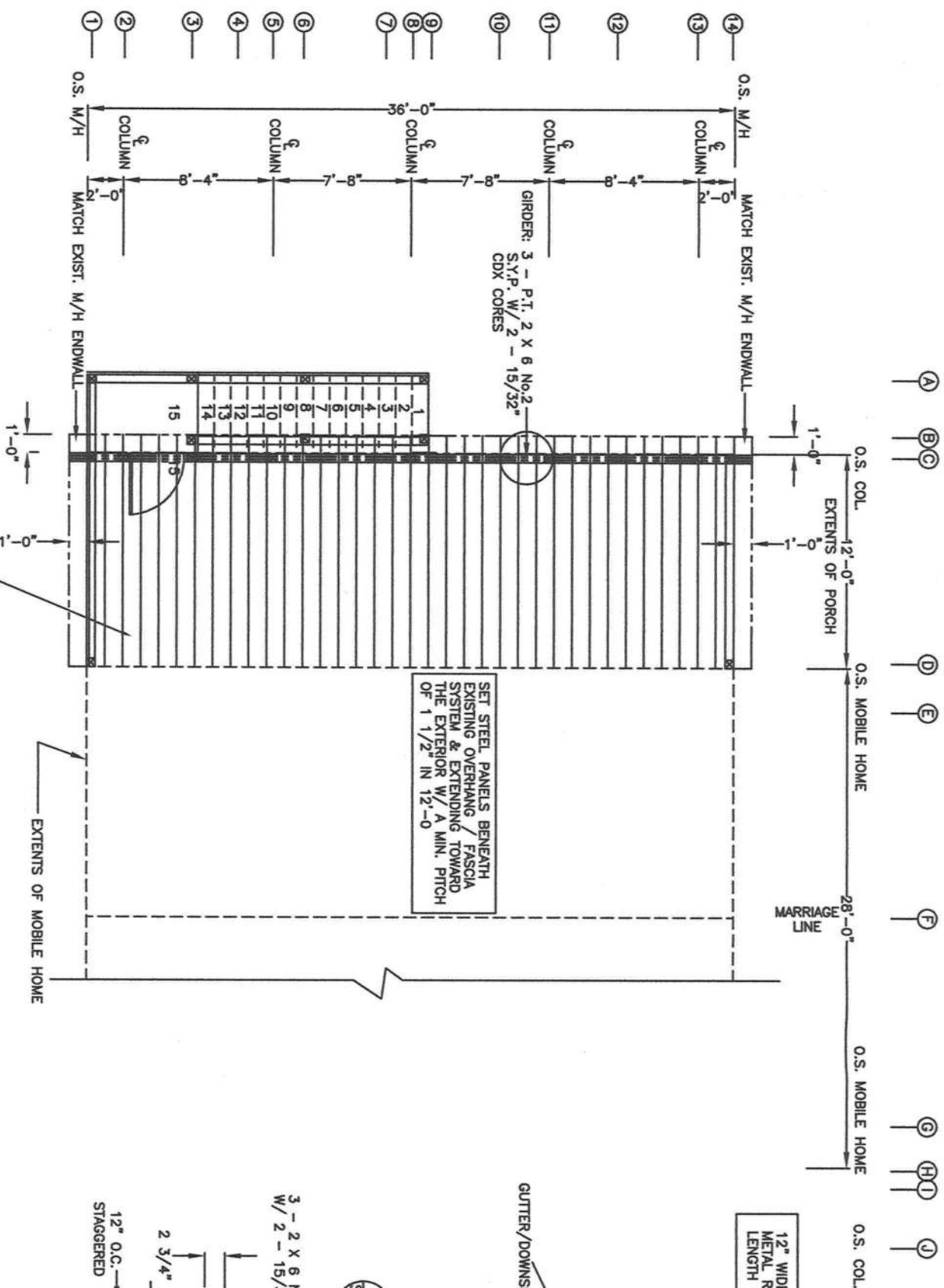
4" X 4" X 16" (NOMINAL) PRECAST CONCRETE PAD

5 STAIR DETAIL / SECTION
S1.3.0 SCALE: N.T.S.

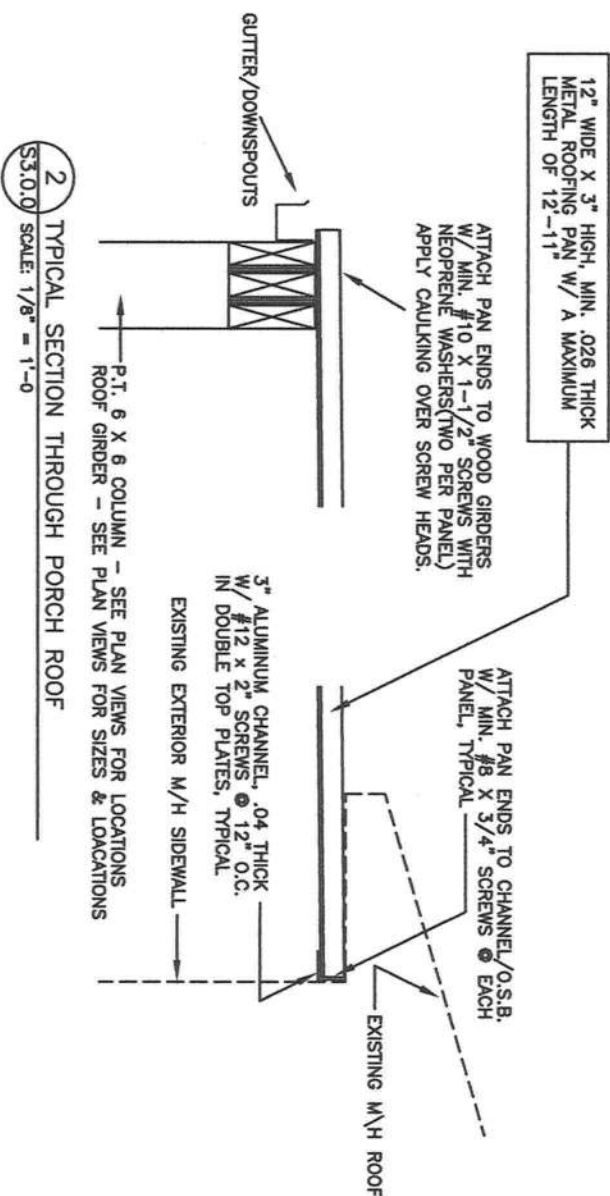
PROJECT No. ANDERSON-S1.3.0.DWG
SHEET No. S1.3.0
DATE 07/14/11
© 2011 KEEN ENGINEERING & SURVEYING, INC.
MISC. NOTES, REFERENCES & INSTRUCTIONS
Curis E. Keen, PE #23836
Certification of Authorization #3761
DATE: 9/6/11

ANDERSON RESIDENCE
COLUMBIA COUNTY, FLORIDA

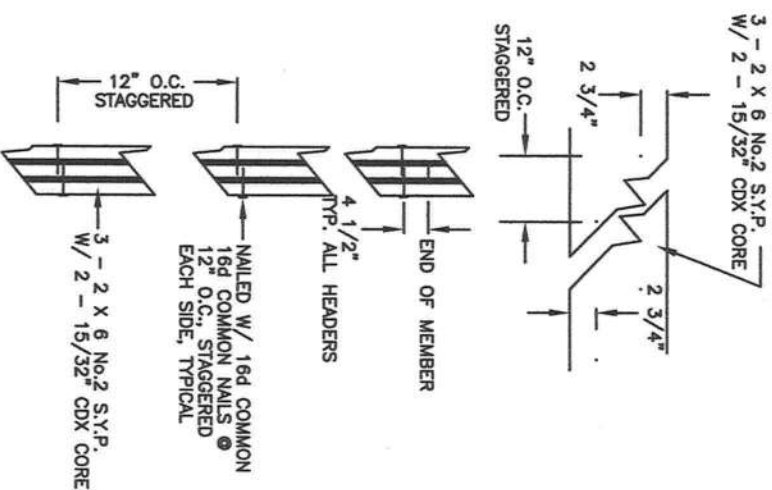
KEEN ENGINEERING & SURVEYING, INC.
LIVE OAK, FLORIDA 32060
9263 CR 417
366-362-4787
ENG. LIC. EB 3761



1 DIMENSIONED ROOF SYSTEM FRAMING PLAN VIEW
S1.0.0 SCALE: 1/8" = 1'-0"



2 TYPICAL SECTION THROUGH PORCH ROOF
S3.0.0 SCALE: 1/8" = 1'-0"



3 TYPICAL ROOF GIRDER
S3.0.0 SCALE: N.T.S.

PROJECT No. ANDERSON-S3.0.0.DWG
SHEET No. S3.0.0
DATE 07/14/11
PORCH ROOF SYSTEM PLAN VIEW
MISC. NOTES, REFERENCES & INSTRUCTIONS
© 2011 KEEN ENGINEERING & SURVEYING, INC.
Curtis E. Keen, P.E. #23636
Certification for Authorization #3761
DATE: 7/14/11

ANDERSON RESIDENCE
COLUMBIA COUNTY, FLORIDA

KEEN ENGINEERING & SURVEYING, INC.
9263 CR 417
OAK, FLORIDA 32060
386-362-4787
ENG. LIC. EB 3761