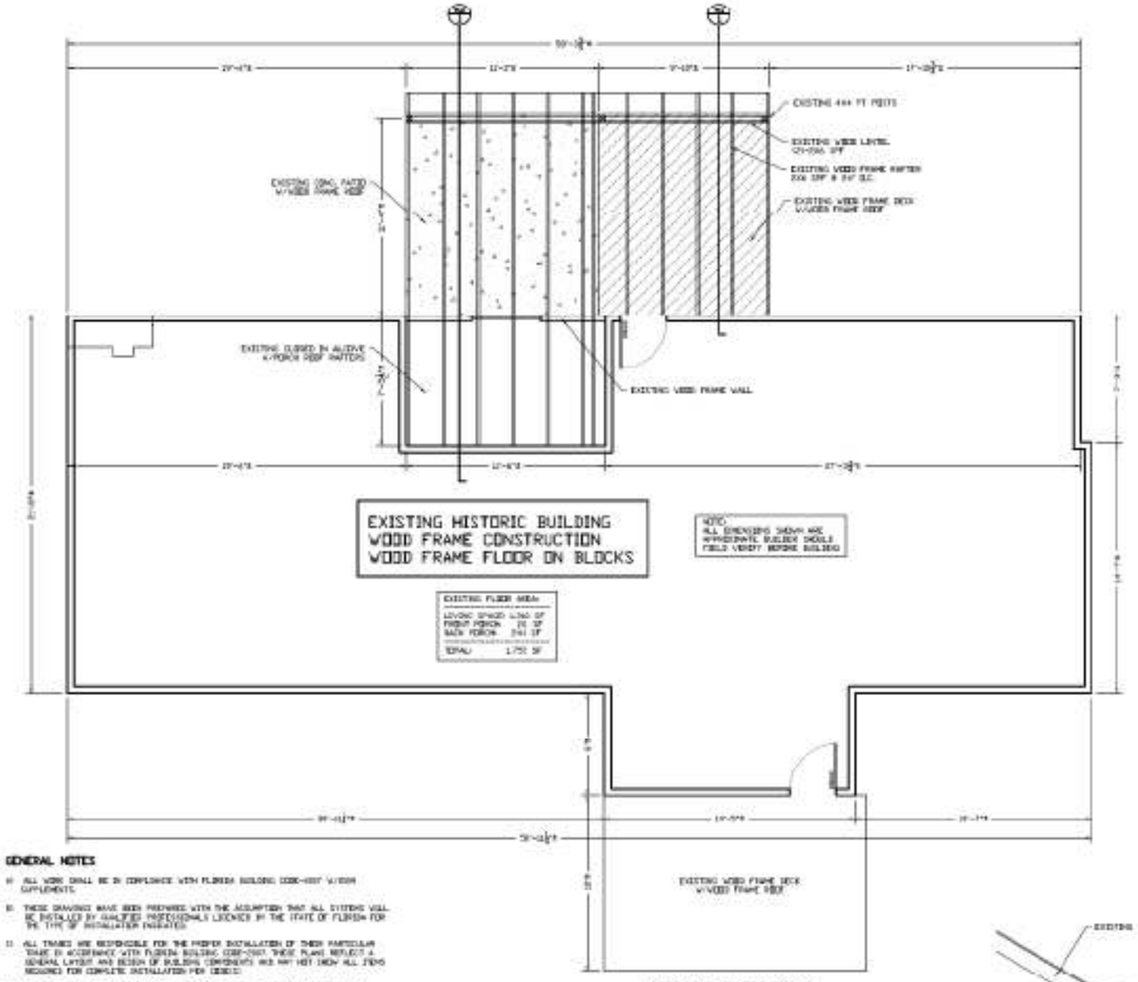
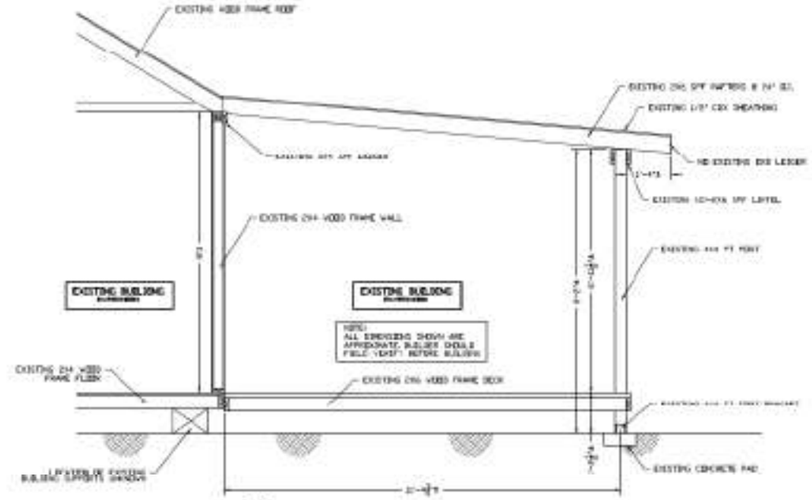
Note: Drawings Printed at Low Resolution to Show General Drawing Concepts and to Prevent Copying



EXISTING FLOOR PLAN
SCALE 1/4" = 1'-0"



A1/1 EXISTING BACK PORCH SECTION
SCALE 1/4" = 1'-0"

GENERAL NOTES

1) ALL WORK SHALL BE IN COMPLIANCE WITH FLORIDA BUILDING CODE-2007 W/2009 SUPPLEMENTS.

2) THESE DRAWINGS HAVE BEEN PREPARED WITH THE ASSUMPTION THAT ALL SYSTEMS WILL BE INSTALLED BY QUALIFIED PROFESSIONALS LICENSED BY THE STATE OF FLORIDA FOR THE TYPE OF INSTALLATION INDICATED.

3) ALL TRADES ARE RESPONSIBLE FOR THE PROPER INSTALLATION OF THEIR PARTICULAR TRADE IN ACCORDANCE WITH FLORIDA BUILDING CODE-2007. THESE PLANS REFLECT A GENERAL LAYOUT AND DESIGN OF BUILDING COMPONENTS AND MAY NOT SHOW ALL ITEMS REQUIRED FOR COMPLETE INSTALLATION PER CODE(S).

4) MAC, PLUMBING, AND ELECTRICAL SYSTEMS MAY BE DESIGNED BY CONTRACTOR PER FLORIDA STATUTES CHAPTER 471(LICENSURE UNDER THE FOLLOWING CONDITIONS) AS EXCERPTED FROM FLORIDA STATUTES: (SEE FLORIDA STATUTES FOR OTHER EXCEPTIONS/CONDITIONS)

FS-471.003(2)

"THE FOLLOWING PERSONS ARE NOT REQUIRED TO BE LICENSED UNDER THE PROVISIONS OF THIS CHAPTER AS A LICENSED ENGINEER:

(b) ANY ELECTRICAL, PLUMBING, AIR-CONDITIONING OR MECHANICAL CONTRACTOR WHOSE PRACTICE INCLUDES THE DESIGN OR FABRICATION OF ELECTRICAL, AIR-CONDITIONING OR MECHANICAL SYSTEMS, RESPECTIVELY, WHICH ONE OF HIS INSTALLS BY VIRTUE OF A LICENSE ISSUED UNDER CHAPTER 489, UNDER PART I OF CHAPTER 553, OR UNDER ANY SPECIAL ACT OR ORDINANCE WHEN WORKING ON ANY CONSTRUCTION PROJECT WHICH:

1. INCLUDES NO ELECTRICAL OR PLUMBING OR AIR-CONDITIONING AND REFRIGERATION SYSTEM WITH A VALUE OF $50,000 OR LESS; AND
2. DOES NOT REQUIRE AN ADDITIONAL SERVICE CAPACITY OF 600 AMPERES (240 VOLTS) OR LESS ON A RESIDENTIAL ELECTRICAL SYSTEM OR 200 AMPERES (240 VOLTS) OR LESS ON A COMMERCIAL OR INDUSTRIAL ELECTRICAL SYSTEM.
3. REQUIRES A PLUMBING SYSTEM WITH FEWER THAN 250 FIXTURE UNITS; OR
4. REQUIRES A HEATING, VENTILATION, AND AIR-CONDITIONING SYSTEM NOT TO EXCEED 15-TON-PER-SYSTEM CAPACITY, OR IF THE PROJECT REQUIRES "A" ACCOMMODATE 200 OR FEWER PERSONS."

CONSTRUCTION

5) USE PROPERLY DESIGNED SHORING, BRACING, UNDERPINNING, ETC. AS REQUIRED BY CONDITIONS. IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION.

6) NO FIELD REVISIONS TO ANY STRUCTURAL COMPONENTS SHALL BE MADE WITHOUT PRIOR APPROVAL BY THE ENGINEER. THIS INCLUDES (BUT IS NOT LIMITED TO) REVISIONS DUE TO MIS-LOCATION, NOTCH, OR ANY OTHER CONSTRUCTION ERRORS.

7) [illegible] PLACE AND OF SUFFICIENT STRENGTH.

8) NO BRACING SHALL BE PLACED IN ANY STRUCTURAL MEMBER (TRUSS) THAN AS INDICATED OR APPROVED BRACE ENGINEER UNTIL THE LOCATION HAS BEEN APPROVED BY THE STRUCTURAL ENGINEER.

9) PROVIDE SLEEVE LAYOUTS FOR ALL PIPES AND ELECTRICAL PENETRATIONS THROUGH STRUCTURAL MEMBERS (ALL TRADES ARE INCLUDED). LAYOUTS ARE TO BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.

10) STRUCTURAL DRAWINGS ARE TO BE COORDINATED AND CHECKED WITH THE ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS. SEE MECHANICAL DRAWINGS FOR EQUIPMENT PADS, BASES, SUPPORTS AND SLOT PENETRATIONS.

11) ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE-2007.

EXTERIOR DOORS:

A) ALL EXTERIOR DOORS SHALL HAVE WEATHER STRIPPING & FULL WEATHER STRIPPING

STEEL CONNECTOR NOTES:

1) ALL STEEL CONNECTORS SHALL BE INSTALLED PER MANUFACTURERS SPECIFICATIONS UNLESS NOTED OTHERWISE WITHIN THESE PLANS.

2) ANY ALTERNATIVES TO CONNECTOR TECHNIQUES BY MANUFACTURERS SPECIFICATIONS AS SHOWN WITHIN THESE PLANS ARE TO BE ENGINEERS DESIGN AND SHALL NOT BE ALTERED WITHOUT APPROVAL OF ENGINEER.

3) ALL CONNECTORS SHOWN ON PLANS HAVE BEEN CHOSEN BY DESIGN ENGINEER TO SUIT EACH CONNECTION. SOMETIMES THE CONNECTORS CHOSEN BY ENGINEER MAY BE OUT OF STOCK OR NOT AVAILABLE TO BUILDER. CONNECTORS THAT HAVE HIGHER LOAD CARRYING ABILITIES AS PUBLISHED BY USP OR SIMPSON CATALOGS AND ARE OF SIMILAR GEOMETRY MAY BE HAVE VALID FLORIDA PRODUCT APPROVAL NUMBER MAY BE SUBSTITUTED FOR THOSE CHOSEN BY ENGINEER.

WOOD FRAMING NOTES

1) ALL STRUCTURAL WOOD FRAMING TO BE SOUTHERN YELLOW PINE OR #2 GNS.
2) ALL STEEL CONNECTORS SHALL BE INSTALLED PER MANUFACTURERS SPECIFICATION AND
3) BASE PLATES SHALL BE PRESSURE TREATED (AG).
4) ALL DOUBLE TOP PLATES SHALL BE LAPPED A MIN. OF 48" AND CORNERS SHALL BE INTERLOCKED (AG).
5) ALL GABLE END CEILINGS SHALL HAVE DOUBLE STUDS.
6) ALL NAILING SHALL BE AS FOLLOWS: (AG)

WALL STUDS: (2)-16d OR (3)-10d TO TOP & BOTTOM PLATES.

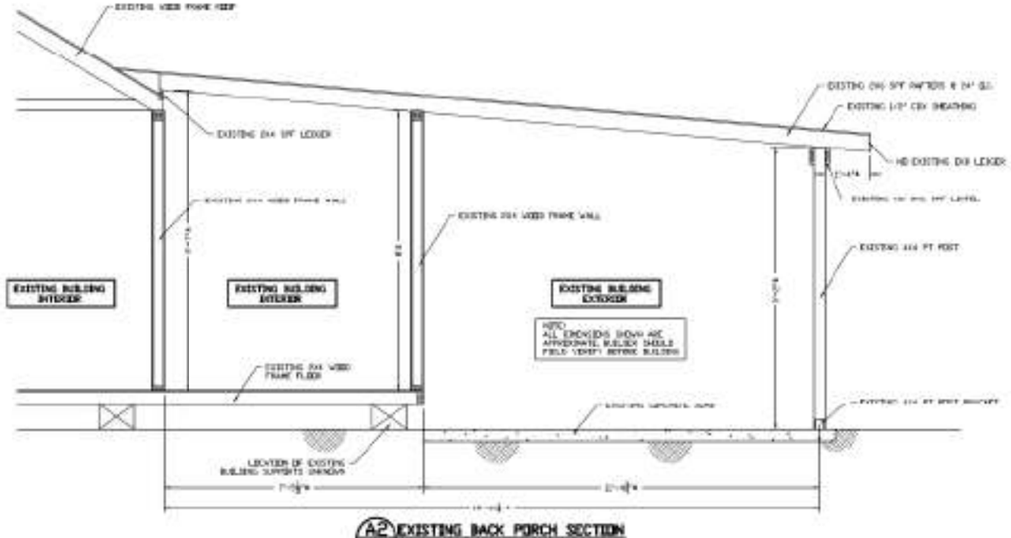
LINTEL STITCHING: 2X4 = (2)-10d @ 24" O.C.
1"x12" FILLER: 2X6 = (2)-10d @ 24" O.C.
2X8 = (3)-10d @ 24" O.C.
2X10 = (3)-10d @ 24" O.C.
2X12 = (3)-10d @ 24" O.C.

LINTEL STITCHING: 2X4 = (2)-10d @ 24" O.C.
1"x12" FILLER: 2X6 = (2)-10d @ 24" O.C.
& MULTIPLE STUDS: 2X8 = (3)-10d @ 24" O.C.
2X10 = (3)-10d @ 24" O.C.
2X12 = (3)-10d @ 24" O.C.

DOUBLE TOP PLATES: (2)-10d @ 24" O.C. STITCH
(3)-10d @ EACH LAP END.

ROOF SHEATHING: AS SHOWN ON ROOF SHEATHING NAILING SCHEDULE.

TRUSS OR RAFTER TO TOP PLATE: (3)-8d TOE NAIL



A2/1 EXISTING BACK PORCH SECTION
SCALE 1/4" = 1'-0"

LIST OF ABBREVIATIONS

AB	ANCHOR BOLT
ACT	ACOUSTICAL CEILING TILE
ADD	ADDENDUM
AFF	ABOVE FINISHED FLOOR
ALUM	ALUMINUM
APPROX	APPROXIMATE (OR) APPROXIMATELY
ARCH	ARCHITECT
BD	BOARD
BLDG	BUILDING
BLKG	BLOCKING
BM	BEAM
BOT	BOTTOM
BRG	BEARING
BSMT	BASEMENT
CAB	CABINET
CEM	CEMENT
CER	CERAMIC
CLG	CEILING
CLR	CLEAR
COL	COLUMN
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CPT	CARPET
CTR	CENTER
DBL	DOUBLE
DEPT	DEPARTMENT
DET	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DR	DOOR
DWG	DRAWING
EA	EACH
ELEC	ELECTRICAL
ELEV	ELEVATION
EQ	EQUAL
EQUIP	EQUIPMENT
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FDN	FOUNDATION
FIN	FINISH
FLR	FLOOR
FOC	FACE OF CONCRETE
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FT	FOOT OR FEET
FTG	FOOTING
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GFRC	GLASS FIBER REINFORCED CONCRETE
GYP	GYPSUM
HDWD	HARDWOOD
HORIZ	HORIZONTAL
HR	HOUR
HT	HEIGHT
INCL	INCLUDE
INSUL	INSULATION
INT	INTERIOR
JT	JOINT
LAM	LAMINATE
LAV	LAVATORY
LT	LIGHT
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MTL	METAL
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OPNG	OPENING
OPP	OPPOSITE
PERP	PERPENDICULAR
PL	PLATE
PLAM	PLASTIC LAMINATE
PLYWD	PLYWOOD
PR	PAIR
PT	PRESSURE TREATED
RAD	RADIUS, BEE (DRAWING) TYPE
REF	REFRIGERATOR, DIAGONAL
REINF	REINFORCE
REQ	REQUIRE
RM	ROOM
RO	ROUGH OPENING
SCHED	SCHEDULE
SECT	SECTION
SHT	SHEET
SIM	SIMILAR
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURE, STRUCTURAL
SUSP	SUSPENDED
SYM	SYMMETRICAL
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TEL	TELEPHONE
THK	THICK
TOC	TOP OF CONCRETE
TOS	TOP OF STEEL
TOW	TOP OF WALL
TYP	TYPICAL
UNF	UNFINISHED
VERT	VERTICAL
VEST	VESTIBULE
W/	WITH
W/O	WITHOUT
WD	WOOD
WDW	WINDOW
WP	WATERPROOF
WT	WEIGHT

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DATE: 10/25/10
DRAWN BY: DA
JOB NUMBER: 10-015

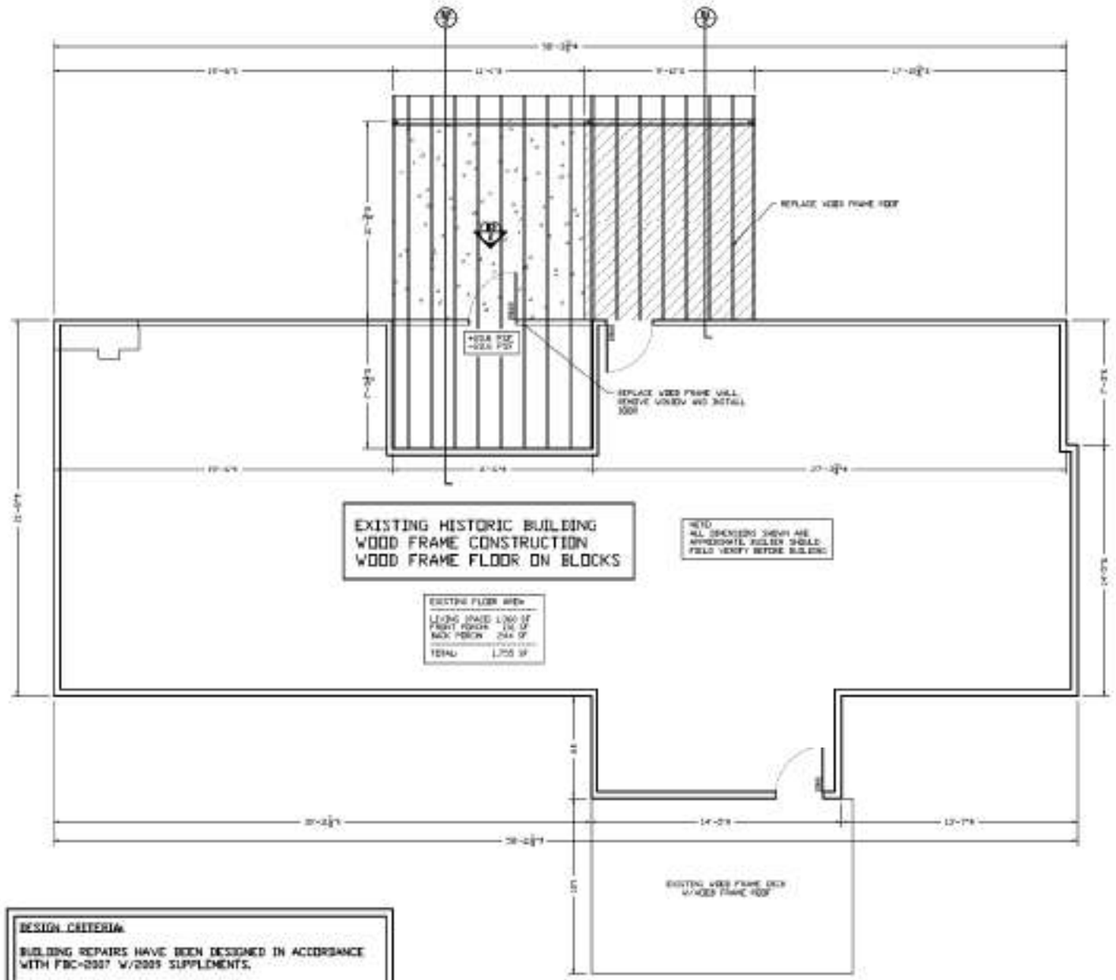
SHEET TITLE: EXISTING BUILDING

JOB NAME: DECK REPAIR
CITRUS COUNTY, FL

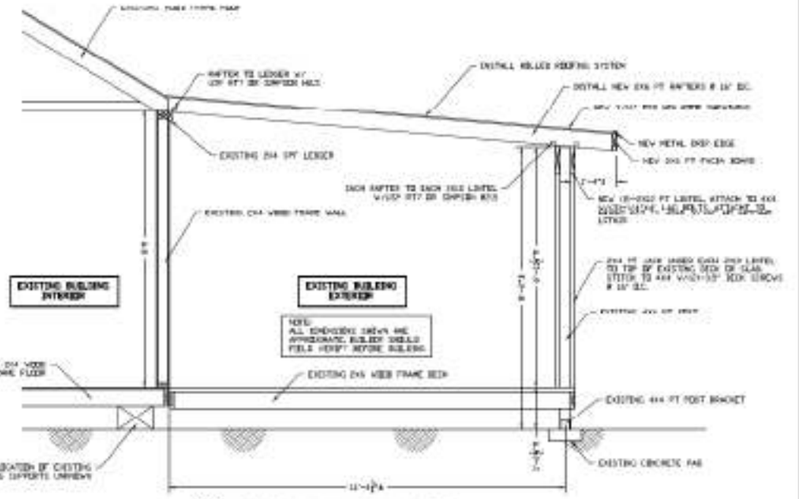
SHEET 1 OF 2

Daniel F. Ardito, P.E.
Florida Reg. 58604

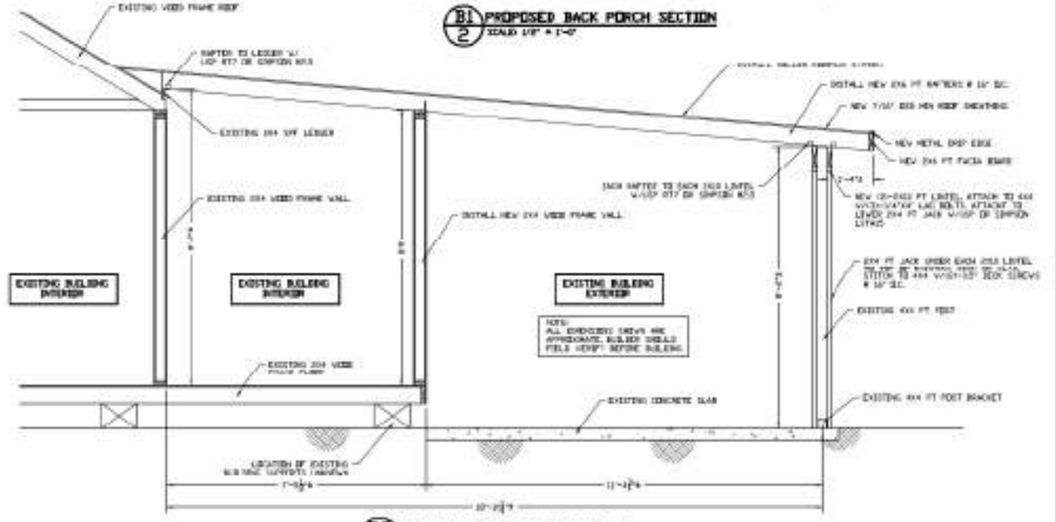
Drawings By: Daniel F. Ardito, PE http://www.DanielArditoPE.net



PROPOSED FLOOR PLAN
SCALE: 1/4" = 1'-0"



B1/2 PROPOSED BACK PORCH SECTION
SCALED 1/8" = 1'-0"



B2/2 PROPOSED BACK PORCH SECTION
SCALED 1/8" = 1'-0"

DESIGN CRITERIA:

BUILDING REPAIRS HAVE BEEN DESIGNED IN ACCORDANCE WITH FBC-2007 W/2009 SUPPLEMENTS.

WIND SPEED:	110 MPH (3-SEC GUST)
IMPORTANCE FACTOR:	1.00
WIND EXPOSURE:	B
FLOOR LIVE LOAD:	NA
INTERNAL PRESSURE COEFF:	0.18

ENGINEERS NOTES:

1) IT IS THE UNDERSTANDING OF THIS ENGINEER THAT THIS BUILDING IS CLASSIFIED AS "HISTORIC" AND ALL PORCH REPAIRS HAVE BEEN DESIGNED IN ACCORDANCE WITH CHAPTER 11 OF THE FLORIDA EXISTING BUILDING CODE-2007 W/2009 SUPPLEMENTS.
2) THESE PLANS SPECIFY SPECIFIC CONSTRUCTION CRITERIA FOR REPAIR OF ITEMS WHICH SOME MUNICIPAL CODE OFFICIALS MAY REGARD AS "HISTORIC". CODE HAS ALSO BEEN SHOWN. THESE PLANS IN NO WAY APPROVE OR REJECT THE EXISTING BUILDING EXISTING FOOTING FOUNDATIONS, OR NEED SUPPORT IN EXISTING BUILDING. BUILDING TO BE IN COMPLIANCE WITH FLORIDA BUILDING CODE-2007.

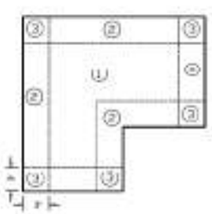
NOTES OF WORK:

1) REMOVE EXISTING BACK PORCH ROOF SYSTEM TO ENCLUDE ROOF SHEATHING, ROOF RAFTERS, AND FIGHT LINTEL.
2) ROOF EXISTING 4X4 POSTS AND FOUNDATION SYSTEM.
3) REPLACE COVER LOAD BEARING WALL OF SAME ROOF SYSTEM TO INCLUDE REMOVAL OF WINDOW AND INSTALLATION OF DOOR.
4) INSTALL NEW ROOF SYSTEM AS SHOWN IN PLANS TO INCLUDE REUSE OF EXISTING SUPPORT SYSTEM OR MAIN BUILDING UNLESS OTHERWISE NOTED IN PLANS.

VARIOUS PRODUCT APPROVALS

STRUCTURAL ITEM	FL PRODUCT APPROVAL NUMBER	EQUIVALENT	FL PRODUCT APPROVAL NUMBER
SIMPSON H2.5	FL13456	USP RT16	FL817
SIMPSON H2.5	FL13456	USP RT7	FL545
SIMPSON LSTA9	FL13850	USP LSTA9	FL13085
SIMPSON LSTA12	FL13852	USP LSTA12	FL13085
SIMPSON LSTA15	FL13850	USP LSTA15	FL13085

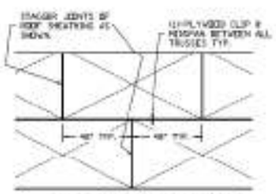
NOTES:
1) ALL CONNECTORS SHOWN ON PLANS HAVE BEEN CHOSEN BY DESIGN ENGINEER TO SUIT EACH CONNECTION. SOMETIMES THE CONNECTORS CHOSEN BY ENGINEER MAY BE OUT OF STOCK OR NOT AVAILABLE. ALL CONNECTORS ARE PUBLISHED BY USP OR SIMPSON CATALOGS AND ARE OF SIMILAR GEOMETRY AND HAVE VALID FLORIDA PRODUCT APPROVAL NUMBER MAY BE SUBSTITUTED FOR THOSE CHOSEN BY ENGINEER.



ROOF PRESSURE ZONE DIAGRAM
N.T.S.

ROOF SHEATHING NAILING SCHEDULE		
ZONE	EDGES	FIELD
1	6" O.C.	12" O.C.
2	6" O.C.	6" O.C.
3	4" O.C.	4" O.C.

** ROOF SHEATHING TO BE 7/16" OSB MIN. ALL NAILS TO BE 8d RING SHANK.



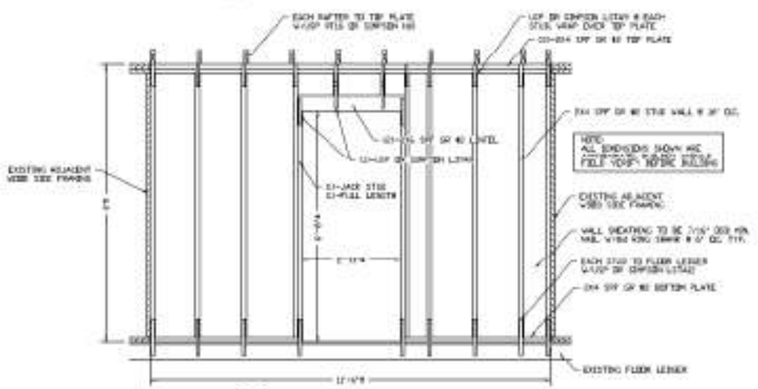
ROOF SHEATHING PLACEMENT
N.T.S.

110 MPH (3-SEC GUST)

COMPONENT AND CLADDING PRESSURE ZONES

EDGE DISTANCE: 3FT ROOF ANGLE: 0 TO 10°

AREA	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5
10 SF	+20.0 PSF -20.0 PSF	+20.0 PSF -30.0 PSF	+20.0 PSF -30.0 PSF	+20.0 PSF -22.0 PSF	+20.0 PSF -22.0 PSF
20 SF	+20.0 PSF -20.0 PSF	+20.0 PSF -30.0 PSF	+20.0 PSF -30.0 PSF	+20.0 PSF -22.0 PSF	+20.0 PSF -22.0 PSF
100 SF	+20.0 PSF -20.0 PSF	+18.6 PSF -20.0 PSF	+20.0 PSF -30.0 PSF	+20.0 PSF -22.0 PSF	+20.0 PSF -22.0 PSF
500 SF	+20.0 PSF -20.0 PSF	+18.6 PSF -20.0 PSF	+20.0 PSF -30.0 PSF	+20.0 PSF -22.0 PSF	+20.0 PSF -22.0 PSF



B3/2 NEW STUD WALL FRAMING
SCALE: 1/2" = 1'-0"

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DATE:	10/25/10
DRAWN BY:	DA
JOB NUMBER:	10-015

SHEET TITLE: BACK PORCH REPAIRS

JOB NAME: DECK REPAIR
CITRUS COUNTY, FL

SHEET 2 OF 2