Miami Dade County Building Department
0000752923 - 2/17/2012 10:17:02 AM
GENERAL01-02022012.pdf
Examiner Date Time Stamp Disp. Trade Stamp
Jeanne Clarke 2/6/2012 3:47:26 PM A STRU Approved
Jeanne Clarke 2/16/2012 3:09:41 PM V STRU Void

TED'S SHEDS, INC.

9350 LAREDO AVENUE
FT. MYERS, FLORIDA 33905

MASTER PLANS OF STANDARD TYPE SHED

GENERAL NOTES

1. THIS STRUCTURE WAS DESIGNED IN ACCORDANCE WITH THE 2001 EDITION OF THE FLORIDA BUILDING CODE (F.B.C.). WIND LOADING DESIGNED IN ACCORDANCE WITH ASCE-7-98.
2. ALL MATERIALS AND LABOR SHALL BE IN ACCORDANCE WITH THE ABOVE CODE AND ALL OTHER APPLICABLE LOCAL CODES AT THE TIME OF MANUFACTURE.
3. WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS.
4. OUTSIDE OVERALL DIMENSIONS CAN VARY BETWEEN LIMITS SHOWN BUT MEMBER SPACING SHALL NOT EXCEED LIMITS AS INDICATED.
5. LUMBER SHALL BE SOUTHERN PINE GRADE #2 12% - 15% MOISTURE CONTENT. (Fb FOR 2x4 = 1500 PSI, AND FOR 2x6 = 1250 PSI)
6. ALL LUMBER IN CONTACT WITH MASONRY SHALL BE PRESSURE TREATED.
7. TRUSS DESIGNED TO SUPPORT D.L. + L.L. = 30 PSF.
8. EXTERIOR COVERINGS TO BE .019 ALUMINUM.
9. THE FOUNDATION PLAN IS PROVIDED FOR REFERENCE AS A TYPICAL STANDARD. ACTUAL FOUNDATION CONDITIONS MUST BE EVALUATED FOR APPLICABILITY IF THIS PLAN IS TO BE USED. ALTERNATE FOUNDATION PLANS MAY BE DESIGNED BY OTHERS IN ACCORDANCE WITH THE REQUIREMENTS OF THE JURISDICTION HAVING AUTHORITY.

ELECTRICAL NOTES

1. WHEN AIR CONDITIONING IS INSTALLED IN THIS BUILDING, IT SHALL BE THE RESPONSIBILTY OF THE HVAC CONTRACTOR AND ELECTRICAL CONTRACTOR TO VERIFY WIRE AND BREAKER SIZES FOR ACTUAL HVAC UNIT(S) INSTALLED ALL WIRING TO BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
2. FLEXIBLE CONDUIT FOR LIGHT FIXTURES.
3. EACH CIRCUIT IS TO HAVE CONTINUOUS SOLID COPPER INSULATED GROUND WIRE CONNECTED TO EQUIPMENT GROUND BAR IN THE MAIN DISTRIBUTION PANEL.
4. EQUIPMENT GROUND BAR IN MAIN DISTRIBUTION PANEL IS TO BE GROUNDED TO MINIMUM 10'-0" COPPER CLAD EARTH DRIVEN ROD WITH GROUNDING CLAMP APPROVED FOR DIRECT BURIAL.
5. ALL CONDUIT TERMINATIONS OF 1" OR LARGER ARE TO HAVE PLASTIC INSULATED BUSHINGS.
6. ALL ELECTRICAL WORK IS TO BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC), LIFE SAFETY CODE (NFPA 101)

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2001 FLORIDA BUILDING CODE DESIGNED FOR THREE SECOND GUST OF 110 M.P.H.

THIS DRAWING IS NOT VALID UNLESS SIGNED IN PURPLE INK

FRED S. CARDWELL, P.E., P.L.S.
P.E. #36467
1000 SOUTH BELCHER ROAD
BLDG-A / UNIT 10
LARGO, FLORIDA 33773
VOICE: (727) 584-7005

MASTER PLANS
STANDARD TYPE SHED

TED'S SHEDS, INC.
9350 LAREDO AVENUE
FT. MYERS, FLORIDA 33905
941-344-2900

COVER SHEET AND NOTES

REV.	BY	DATE

DATE:	12/17/01
DRN BY:	RCR
CK BY:	FBC
SCALE:	NONE
H.O. NO:	273-038

SHEET
COVER
1 OF 9

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2/16/2012 3:47:26 PM A
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2/16/2012 3:09:41 PM V
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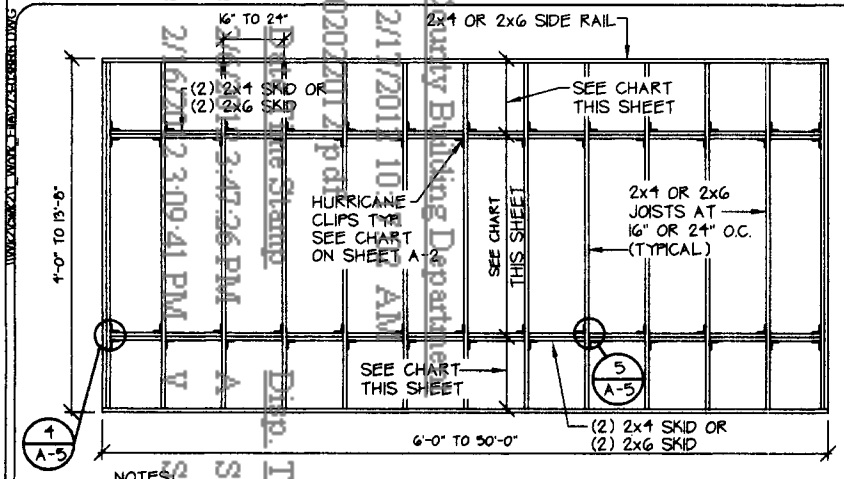
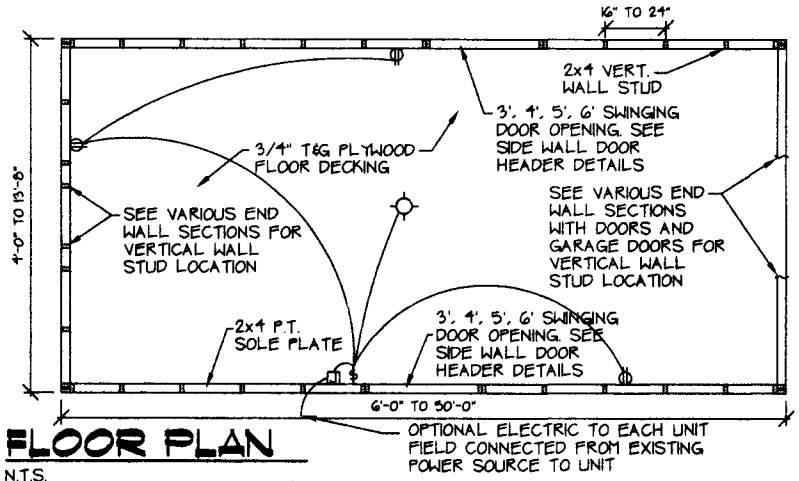


NOTES:
1. ANY BUILDING OVER 100 SQ. FT. WILL NOT HAVE 2" x 4" FLOOR JOIST.

FLOOR FRAMING PLAN (A)

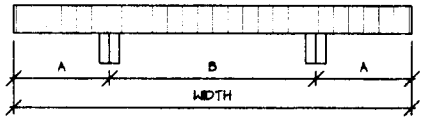
N.T.S. (WITH HURRICANE CLIPS)

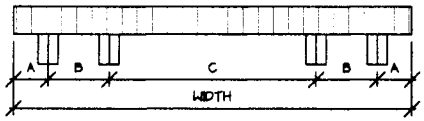


FLOOR PLAN

N.T.S.

SKID LAYOUT FOR 125 P.S.F FLOOR LOAD



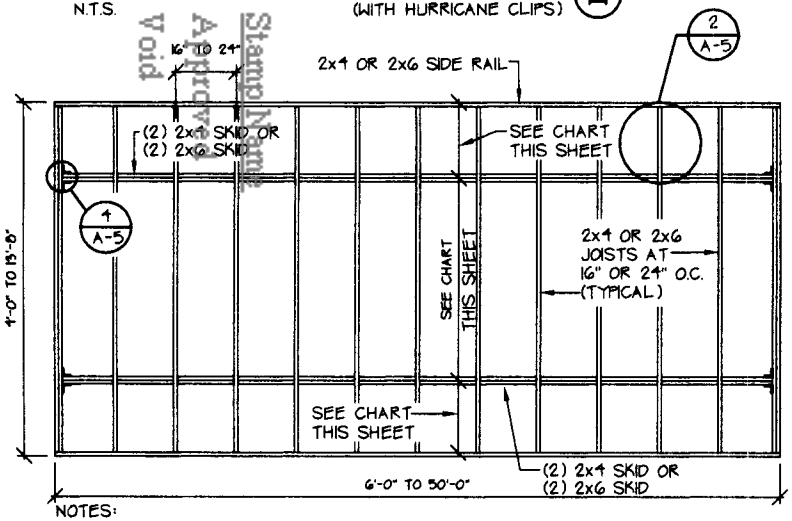


125 P.S.F. LIVE LOAD

WIDTH	JOISTS	A	B
4'-0"	2x4 AT 16" OR 24" O.C.	8.5"	51"
5'-0"	2x4 AT 16" OR 24" O.C.	14.5"	51"
6'-0"	2x4 AT 16" OR 24" O.C.	8.5"	55"
7'-0"	2x4 AT 16" OR 24" O.C.	14.5"	55"
8'-0"	2x4 AT 16" OR 24" O.C.	20.5"	55"
10'-0"	2x6 AT 16" OR 24" O.C.	21.5"	77"
11'-0"	2x6 AT 16" OR 24" O.C.	27.5"	77"
11'-8"	2x6 AT 16" O.C.	42.5"	77"

125 P.S.F. LIVE LOAD

WIDTH	JOISTS	A	B	C
13'-0"	2x6 AT 16" O.C.	18.5"	23.5"	72"
13'-8"	2x6 AT 16" O.C.	18.5"	23.5"	80"



NOTES:
1. ANY BUILDING OVER 100 SQ. FT. WILL NOT HAVE 2" x 4" FLOOR JOIST.

FLOOR FRAMING PLAN (B)

N.T.S. (WITHOUT HURRICANE CLIPS)

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2001 FLORIDA BUILDING CODE FOR A THREE SECOND GUST.

THIS DRAWING IS NOT VALID UNLESS SIGNED IN RAISED INK

FRED G. CARDWELL, P.E., P.L.S.
P.E. 0056671
2000 SOUTH BELCHER ROAD
BLDG. A / UNIT 16
LARGO, FLORIDA 33773
VOICE: (727) 531-9100

MASTER PLANS
STANDARD TYPE SHED

TED'S SHEDS, INC.
7950 LAREDO AVENUE
FT. MYERS, FLORIDA 33905
941-344-2900

FLOOR AND FRAME DETAILS

REV.	BY	DATE

DATE:	2/20/02
DRN BY:	RCR
CK BY:	FGC
SCALE:	NTS
JOB NO	273-030

SHEET
A-1
2 OF 9

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Examiner
Jeanne Clarke
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UPLIFT STRAP NAILING SCHEDULE FOR WALL STUDS, CRIPPLE STUDS, AND RAFTERS

NUMBER OF NAILS IN EACH END OF STRAP FOR MEMBERS AT 24" O.C.

WIND SPEED	NUMBER OF NAILS EACH END OF STRAP 0.131"Ø x 2-1/2"
110	4
120	5
130	6
140	7
150	7

CHART 1 / A-2

NUMBER OF NAILS IN EACH END OF STRAP FOR MEMBERS AT 16" O.C.

WIND SPEED	NUMBER OF NAILS EACH END OF STRAP 0.131"Ø x 2-[illegible]
110	3
120	3
130	4
140	5
150	5

MAX. WALL STUD LENGTHS

DEFLECTION OF L/[illegible] SUBJECT TO 2 OF THE [illegible] AS PER SECTION 1610 TABLE [illegible] OF FLORIDA BUILDING CODE

STUD GRADE AND SPACING		WIND SPEED	MAX. LENGTH IN INCHES	STUD LENGTH	EXAMPLE
S.Y.P. #2	24" O.C.	110 M.P.H.		9'-4"	
S.Y.P. #2	24" O.C.	120 M.P.H.		8'-8"	
S.Y.P. #2	24" O.C.	130 M.P.H.		8'-1"	
S.Y.P. #2	24" O.C.	140 M.P.H.		7'-7"	7'-9" STUD 1 1/2" TOP PLATE 1 1/2" BOTTOM PLATE 8'-0" WALL HEIGHT
S.Y.P. #2	24" O.C.	146 M.P.H.		7'-3"	
S.Y.P. #2	24" O.C.	150 M.P.H.		7'-1"	
S.Y.P. #2	16" O.C.	110 M.P.H.		11'-2"	
S.Y.P. #2	16" O.C.	120 M.P.H.		10'-6"	
S.Y.P. #2	16" O.C.	130 M.P.H.		9'-11"	
S.Y.P. #2	16" O.C.	140 M.P.H.		9'-3"	
S.Y.P. #2	16" O.C.	146 M.P.H.	7"	8'-11"	
S.Y.P. #2	16" O.C.	150 M.P.H.	4"	8'-8"	

NOTE: TOP PLATE & BOTTOM PLATE MAY BE ADDED TO STUD LENGTH FOR TOTAL WALL HEIGHT

CHART 2 / A-2

HURRICANE CLIPS REQUIRED FROM FLOOR JOIST TO SKID

FRAMING AT 24" O.C.

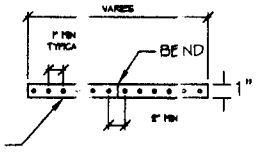
WIND SPEED	ALLOWABLE HURRICANE CLIPS SIMPSON OR EQUAL ANY ONE TYPE OF FASTENER MAY BE USED
110	(2) - H1 (2) - H3 (1) - H10
120	(2) - H1 (2) - H3 (1) - H10
130	(2) - H1 (2) - H3 (1) - H10
140	(2) - H1 (2) - H3 (1) - H10
150	(2) - H10

FRAMING AT 16" O.C.

WIND SPEED	ALLOWABLE HURRICANE CLIPS SIMPSON OR EQUAL ANY ONE TYPE OF FASTENER MAY BE USED
110	(1) - H1 (1) - H3 (1) - H10
120	(2) - H1 (2) - H3 (1) - H10
130	(2) - H1 (2) - H3 (1) - H10
140	(2) - H1 (2) - H3 (1) - H10
150	(2) - H1 (2) - H3 (1) - H10

CHART 3 / A-2

NOTE: BASED ON EVERY WALL STUD CONNECTING WALL TO ROOF AND WALL TO FLOOR



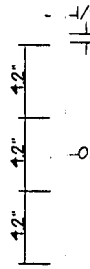
20 GUAGE GALV. STEEL STRAP WITH 0.131"Ø SIN NAILS EACH END OF STRAP. SEE APPROPRIATE CHART FOR QUANTITY OF NAILS.

STRAP DETAIL

N.T.S.

4 / A-2

18 GUAGE GALVANIZED STEEL WITH (12) 10d COMMON NAILS ON JOISTS AND STUD WALLS



CONTINUOUS OVER 2 SPANS.

ALUMINUM PANEL

N.T.S.

FOR ROOFING AND SIDING

6 / A-2

CORNER TRUSS STRAP

N.T.S.

LTW12 TWIST STRAP

5 / A-2

THIS DRAWING IS NOT VALID UNLESS SIGNED IN RED INK

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2001 FLORIDA BUILDING CODE FOR A THREE SECOND GUST.

FRED S. CARDWELL, P.E., P.L.S.
P.E. [illegible]
1200 SOUTH BELCHER ROAD
CLEARWATER / LARGO, FL 33765

MASTER PLANS
STANDARD TYPE SHED

TED'S SHEDS, INC.
7250 LAREDO AVENUE
FT. MYERS, FLORIDA 33905
941-344-2900

CHARTS AND DETAILS

REV.	BY	DATE

DATE:	12/11/01
DRN BY:	RCR
CK BY:	FSC
SCALE:	NTS
J.O. NO:	ETS-03

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3"x5" TRUSS PLATE ON BOTH SIDES (TYP)
2x4 COLLAR TIE
2x4 RAFTER
2"x4" VERT. WALL STUD
(2) 2x6 PRESSURE TREATED STUDS.
2"x4" P.T. SOLE PLATE TYP.
1"x 20 GA. (MIN) STRAP WITH 0.131" x 2-1/2" GUNNAILS SEE CHART FOR QUANTITY

SECTION A
TYP. FOR 6' THRU 14' WIDE BLDGS
SCALE: 1/4" = 1'-0"

3"x5" TRUSS PLATE ON BOTH SIDES (TYP)
DOOR HEADER (2) - 2x4 STP#2 WITH 1/2" PLYWOOD FILLER
2"x4" TOP PLATE
16 GUAGE BRACE H/4" WIDTH
2"x4" P.T. SOLE PLATE TYP.
JACK STUD
1"x 20 GA. (MIN) STRAP WITH 0.131" x 2-1/2" GUNNAILS FOR SEE CHART QUANTITY
VARIES
VARIES SEE CHART
6'-0"

NOTE:
3'-0" DOOR SHOWN, IF 3'-0" DOOR IS USED, THEN THE WALL STUDS SHALL NOT EXCEED 24" O.C. ON EITHER SIDE OF THE DOOR. THEREFORE FEWER STUDS MAY BE REQUIRED IN THE WALL THAN ARE SHOWN ON THE PLAN.

END WALL WITH DOOR
SCALE: 1/4" = 1'-0"

3"x5" TRUSS PLATE ON BOTH SIDES (TYP)
DOOR HEADER (2) - 2x4 STP#2 WITH 1/2" PLYWOOD FILLER
2"x4" TOP PLATE
16 GUAGE BRACE H/4" WIDTH
2"x4" P.T. SOLE PLATE
1"x3" 20 GUAGE STRAPS FASTENED WITH (2) - 0.131" x 2 1/4" GUNNAILS EACH END OF STRAP
41 MAX.
VARIES
VARIES SEE CHART
6'-0"

NOTE:
6'-0" DOOR SHOWN, IF OTHER SIZE DOOR IS USED THEN THE WALL STUDS SHALL NOT EXCEED 24" O.C. ON EITHER SIDE OF THE DOOR. THEREFORE MORE STUDS MAY BE REQUIRED IN THE WALL THAN ARE SHOWN ON THE PLAN.

END WALL WITH DOOR
SCALE: 1/4" = 1'-0"

3"x5" TRUSS PLATE ON BOTH SIDES (TYP)
2"x4" TOP PLATE
DOOR HEADER (2) - 2x6 STP#2 WITH 1/2" PLYWOOD FILLER
2"x4" P.T. SOLE PLATE
JACK STUD
16 GUAGE BRACE H/4" WIDTH
1"x 20 GA. (MIN) STRAP WITH 0.131" x 2-1/2" GUNNAILS FOR SEE CHART QUANTITY
1"x8" 20 GUAGE STRAPS FASTENED WITH (2) - 0.131" x 2-1/4" GUNNAILS EACH END OF STRAP
VARIES
VARIES SEE CHART

END WALL WITH 6' TO 7' GARAGE DOOR
TYP. FOR 10' AND 12' BLDGS.
SCALE: 1/4" = 1'-0"

3"x5" TRUSS PLATE ON BOTH SIDES (TYP)
41 MAX.
2"x4" TOP PLATE
16 GUAGE BRACE H/4" WIDTH
2"x4" P.T. SOLE PLATE TYP.
1"x8" 20 GUAGE STRAPS FASTENED WITH (2) - 0.131" x 2-1/4" GUNNAILS EACH END OF STRAP
EQ. 22.50°
1"x 20 GA. (MIN) STRAP WITH 0.131" x 2-1/2" GUNNAILS FOR SEE CHART QUANTITY
VARIES
VARIES SEE CHART
6'-0"

* WINDOW SIZE VARIES FROM 27" TO 36" VERTICAL DIMENSIONS

END WALL WITH WINDOW
SCALE: 1/4" = 1'-0"

3"x5" TRUSS PLATE ON BOTH SIDES (TYP)
41 MAX.
2"x4" TOP PLATE
16 GUAGE BRACE H/4" WIDTH
1"x8" 20 GUAGE STRAPS FASTENED WITH (2) - 0.131" x 2-1/4" GUNNAILS EACH END OF STRAP
EQ. 22.50° EQ.
1"x 20 GA. (MIN) STRAP WITH 0.131" x 2-1/2" GUNNAILS FOR SEE CHART QUANTITY
VARIES
VARIES SEE CHART

* WINDOW SIZE VARIES FROM 27" TO 36" VERTICAL DIMENSIONS

END WALL WITH WINDOW
SCALE: 1/4" = 1'-0"

NOTE:
STUD SPACING NOT TO EXCEED 24" O.C.

THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE 2001 FLORIDA BUILDING CODE FOR A THREE SECOND GUST.

THIS DRAWING IS NOT VALID UNLESS SIGNED IN INK

FRED G. CARDWELL, P.E., P.L.S.
P.E. 19667
8200 SOUTH BELCHER ROAD
BLDG A / UNIT 6
PHONE: (727) 561-1100

MASTER PLANS
STANDARD TYPE SHED

TED'S SHEDS, INC.
1930 LARGO AVENUE
FT. MYERS, FLORIDA 33905
94-344-2100

WINDWALL SECTIONS

REV.	BY	DATE

DATE:	10/11/03
DRN BY:	RGR
CK BY:	FBC
SCALE:	1/4" = 1'
H.O. NO:	ETS-03

SHEET
A-3
4 OF 9

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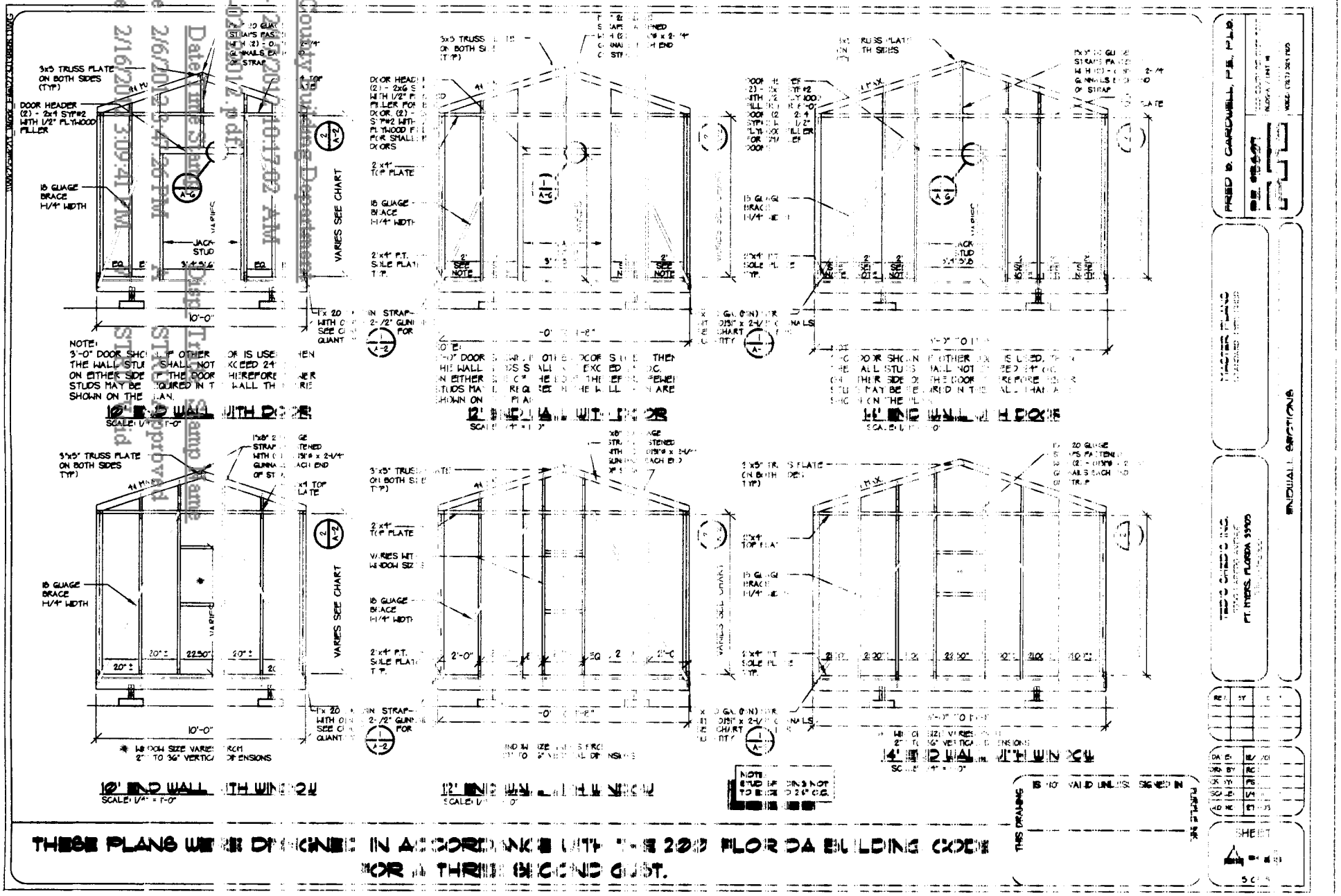

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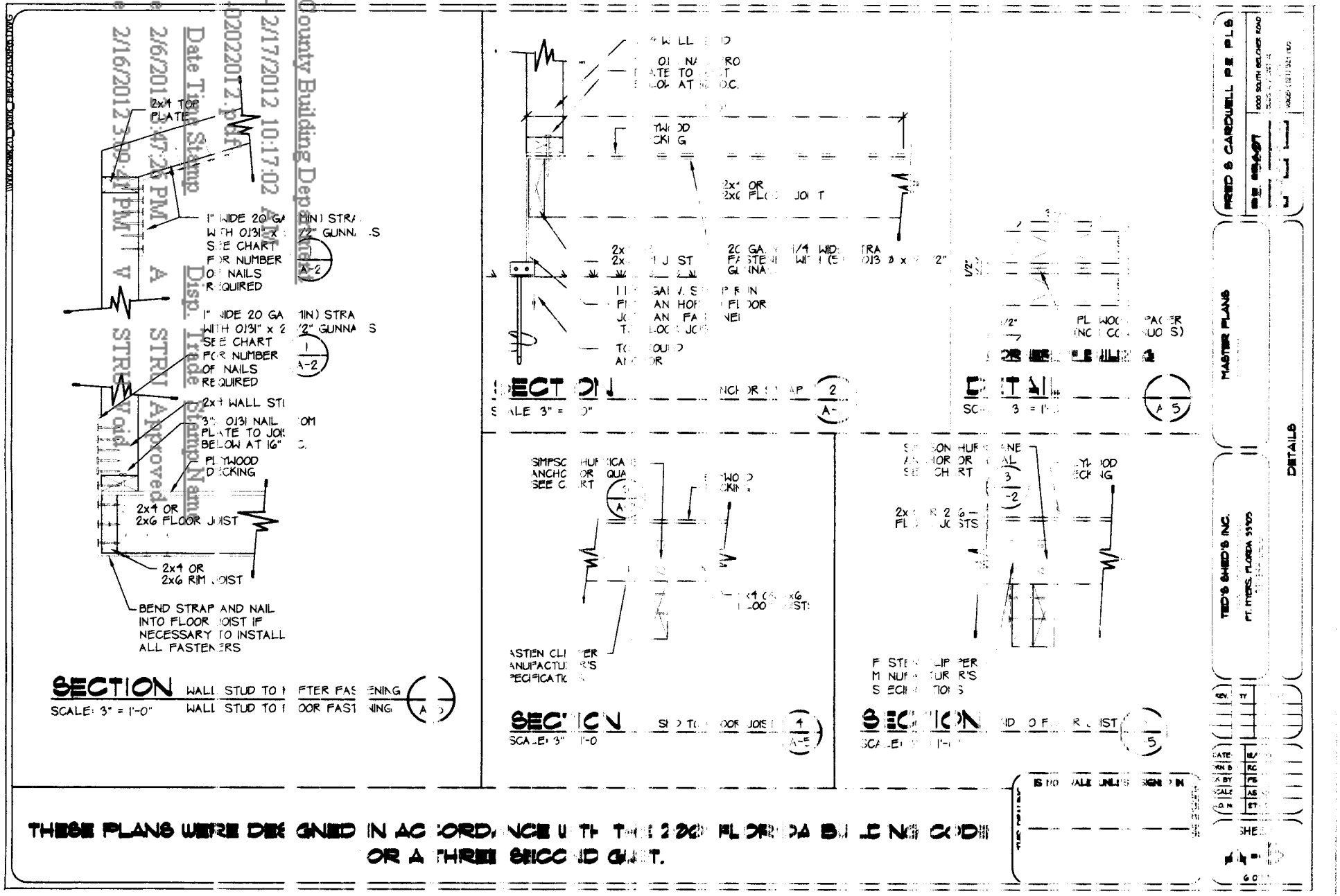

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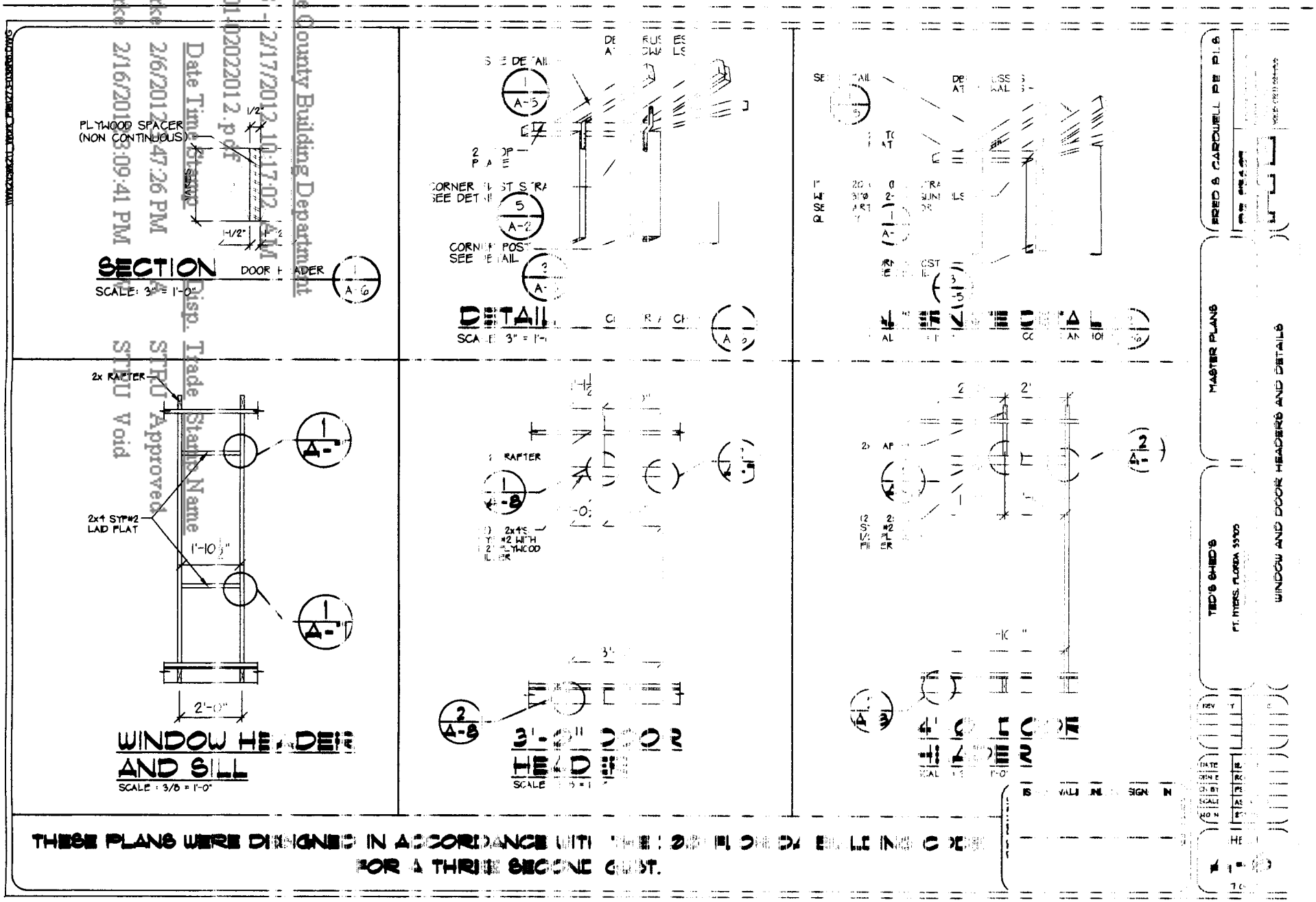

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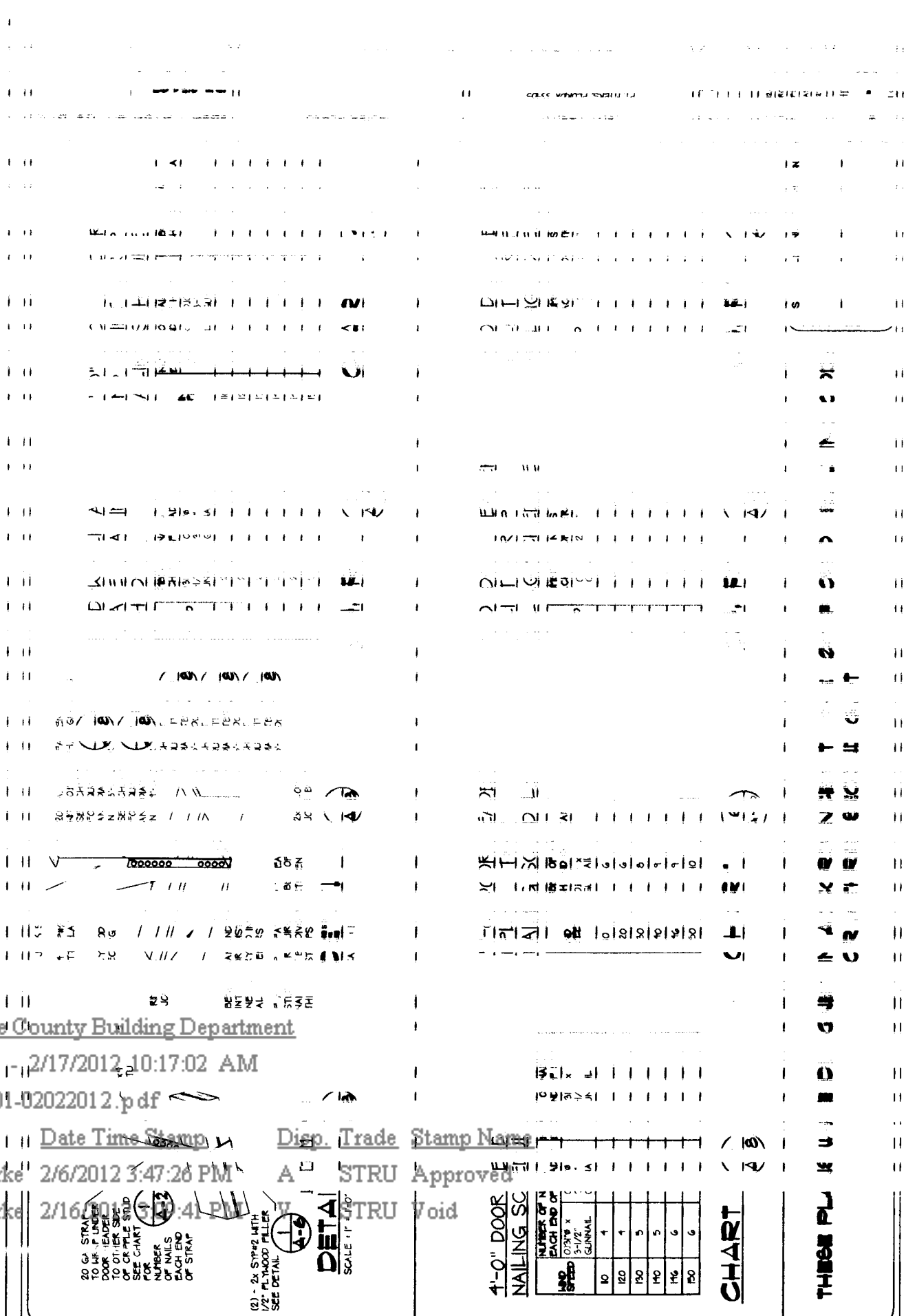

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