

**IBCCW 10/23/11**

1. ALL CONSTRUCTION, MATERIALS, AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE CODES SPECIFIED ON THESE DRAWINGS.

2. THESE PLANS INCLUDE DESIGN FOR THE FACTORY BUILT PORTION OF THE MODULAR STRUCTURE AND PORTIONS OF THE SITE BUILT CONSTRUCTION. THESE PLANS AND DESIGN PLANS FOR ALL ELEMENTS DESIGNATED TO BE DESIGNED BY OTHERS AND/OR SITE INSTALLED MUST BE SUBMITTED TO AND REVIEWED BY THE DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE (DESIGNER OF RECORD) FOR COMPATIBILITY WITH THE DESIGN OF THE OVERALL BUILDING PROJECT AS REQUIRED BY THE APPLICABLE CODES AND LAWS.

3. ALL PARTIES RESPONSIBLE FOR DESIGN WORK SHALL BE QUALIFIED AND LICENSED AS REQUIRED BY THE JURISDICTIONS HAVING AUTHORITY OR SHALL RETAIN SUCH QUALIFIED AND LICENSED ENTITIES TO PERFORM SUCH WORK.

4. TRANSPORTATION AND ERECTION OF THIS BUILDING IS DESIGNED BY OTHERS. ANY TRANSPORTATION AND/OR LIFTING ELEMENTS SHOWN IN THESE PLANS MUST BE EVALUATED BY TRANSPORTATION AND ERECTION DESIGNER FOR SUITABILITY.

5. REFER TO MANUFACTURER'S APPROVED SYSTEMS PACKAGE FOR ADDITIONAL CONSTRUCTION DETAILS AND SPECIFICATIONS NOT INCLUDED IN THESE PLANS.

6. REFER TO ATTACHED ENERGY CODE COMPLIANCE FORM AND/OR HEAT LOSS AND GAIN CALCULATIONS FOR ADDITIONAL ENERGY CODE CONSTRUCTION REQUIREMENTS NOT INCLUDED IN THESE PLANS.

7. ALL DOORS SHALL BE OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY, TOOL, SPECIAL KNOWLEDGE OR EFFORT. MANUALLY OPERATED FLUSH BOLTS OR SURFACE BOLTS SHALL NOT BE USED.

8. WHEN NOT SHOWN ON THE PLANS PROVISIONS FOR EXIT DISCHARGE LIGHTING (INCLUDING DUAL ELEMENT EXIT DISCHARGE EMERGENCY LIGHTING) ARE DESIGNED BY OTHERS AND THE RESPONSIBILITY OF THE BUILDING OWNER AND SUBJECT TO LOCAL JURISDICTION APPROVAL.

9. PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED BY OTHERS AS REQUIRED BY THE IFC.

10. ALL GLAZING WITHIN A 24 INCH ARC OF DOORS WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES ABOVE THE FLOOR AND ALL GLAZING IN DOORS SHALL BE SAFETY, TEMPERED, OR ACRYLIC PLASTIC SHEET.

11. DOORS THAT OPEN INTO THE PATH OF EGRESS TRAVEL SHALL PARTIALLY OR FULLY OPEN IN SUCH A MANNER THAT THE CODE REQUIRED PATH OF EGRESS WIDTH IS NOT REDUCED TO LESS THAN ONE-HALF DURING THE COURSE OF THE SWING. WHEN FULLY OPEN, THE DOOR SHALL NOT PROJECT MORE THAN 7 INCHES INTO THE CODE REQUIRED WIDTH.

12. INTERIOR NON-LOADBEARING PARTITIONS SHALL BE MINIMUM 2X4 SPF#3 STUDS AT 16 INCHES ON CENTER.

13. THIS BUILDING SHALL NOT BE INSTALLED AT ANY LOCATION WHERE THE SNOW LOAD AS DETERMINED FROM LOCAL METEOROLOGICAL DATA EXCEEDS THE SNOW LOAD LISTED ON THESE PLANS.

14. IF THIS BUILDING IS LOCATED IN A WIND BORNE DEBRIS REGION ALL EXTERIOR GLAZING SHALL BE PROTECTED WITH AN IMPACT RESISTANT COVERING WHICH IS ALSO DESIGNED TO RESIST THE APPLICABLE WIND PRESSURES. THIS COVERING IS DESIGNED BY OTHERS, SITE INSTALLED AND SUBJECT TO LOCAL JURISDICTION APPROVAL.

WIND BORNE DEBRIS REGIONS INCLUDE THE FOLLOWING:

A. AREAS WITHIN ONE MILE OF THE COASTAL MEAN HIGH WATER LINE WHERE THE BASIC WIND SPEED IS EQUAL TO OR GREATER THAN 110 MPH, OR

B. AREAS WHERE THE BASIC WIND SPEED IS EQUAL TO OR GREATER THAN 120 MPH.

15. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

16. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

17. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

18. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

19. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

20. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

21. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

22. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

23. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

24. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

25. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

26. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

27. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

28. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

29. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

30. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

31. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

32. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

33. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

34. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

35. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

36. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

37. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

38. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

39. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

40. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

41. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

42. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

43. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

44. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

45. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

46. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

47. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

48. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

49. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

50. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

51. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

52. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

53. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

54. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

55. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

56. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

57. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

58. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

59. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

60. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

61. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

62. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

63. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

64. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

65. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

66. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

67. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

68. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

69. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

70. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

71. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

72. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

73. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

74. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

75. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

76. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

77. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

78. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

79. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

80. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

81. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

82. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

83. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

84. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

85. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

86. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44 INCHES, WHICHEVER IS GREATER.

87. WHERE CORRIDORS ARE PROVIDED THE MINIMUM CORRIDOR WIDTH SHALL BE AS SHOWN ON THESE PLANS OR 44

NOTE THAT THIS LIST DOES NOT NECESSARILY LIMIT THE ITEMS OF WORK AND MATERIALS THAT MAY BE REQUIRED FOR A COMPLETE INSTALLATION. ALL SITE RELATED ITEMS ARE SUBJECT TO LOCAL JURISDICTION APPROVAL.

1. THE COMPLETE FOUNDATION SUPPORT AND TIE DOWN SYSTEM.
2. RAMPS, STAIRS AND GENERAL ACCESS TO THE BUILDING.
3. PORTABLE FIRE EXTINGUISHER(S).
4. BUILDING DRAINS, CLEANOUTS, AND HOOK-UP TO THE PLUMBING SYSTEM.
5. ELECTRICAL SERVICE HOOK-UP (INCLUDING FEEDERS) TO THE BUILDING.
6. THE MAIN ELECTRICAL PANEL AND SUB-FEEDERS.
7. CONNECTIONS OF ELECTRICAL CIRCUITS CROSSING OVER MODULE MATING LINE(S) - (MULTI-UNITS ONLY).
8. DUAL ELEMENT EXTERIOR EXIT DISCHARGE LIGHTING WHEN NOT SHOWN ON PLANS.
9. STRUCTURAL AND AESTHETIC INTERCONNECTIONS BETWEEN MODULES (MULTI-UNITS ONLY).
10. EXTERIOR GLAZING PROTECTION.
11. GUTTERS & DOWN SPOUTS WHEN REQUIRED.
12. WATER HEATER THERMAL EXPANSION DEVICE WHEN REQUIRED.
13. PROGRAMMABLE THERMOSTATS IF NOT INSTALLED AT FACTORY.
14. DRINKING FOUNTAIN & SERVICE SINK WHEN NOT SHOWN ON FLOOR PLAN.
15. ALL SIGNS UNLESS OTHERWISE SPECIFIED.
16. ANY AIR GAPS BETWEEN MODULES AT FLOOR AND CEILING LINES AND ANY OTHERS PENETRATIONS THROUGH THE BUILDING ENVELOPE SHALL BE CAULKED, GASKETED, WEATHER-STRIPPED, WRAPPED OR OTHERWISE SEALED TO LIMIT UNCONTROLLED AIR MOVEMENT.

**WINDOW AND DOOR ABBREVIATIONS:**

3680 = 36 INCHES X 80 INCHES (TYPICAL)

VS = VERTICAL SLIDER, SINGLE OR DOUBLE HUNG

ST/ST = STEEL INSULATED DOOR

V/B = VIEW BLOCK

**FOUNDATION NOTE:**

FOR FOUNDATION DESIGN REFER TO THE ATTACHED FOUNDATION PLANS PREPARED BY THE BUILDING DESIGNER. IF FOUNDATION PLANS ARE DESIGNED BY OTHERS, THE BUILDING DESIGNER SHALL NOT BE HELD RESPONSIBLE OR LIABLE FOR THE FOUNDATION DESIGN & THE CONSEQUENTIAL PERFORMANCE OF THE SUPERSTRUCTURE'S STRUCTURAL COMPONENTS AND SYSTEMS RELATING THERETO.

CODE		
STATE	BUILDING	ELECTRICAL
ALABAMA	2009 IBC	2011 NEC

440

DATE: 10/24/2011

SCALE : NTS

CODES: SEE SUMMARY

LABELS: RADCO

## ALABAMA

# STRUCTURAL LOAD LIMITATIONS:

FLOOR LIVE LOAD:  
A. 100 PSF CORRIDORS, 50 PSF ELSEWHERE.  
B. 2000# CONCENTRATED LOAD OVER 30 INCH X 30 INCH AREA LOCATED ANYWHERE ON FLOOR.

ROOF LIVE LOAD:  
A. 20 PSF.

ROOF SNOW LOAD:  
A. GROUND SNOW LOAD:  
B. FLAT-ROOF SNOW LOAD:  
C. SNOW EXPOSURE FACTOR:  
D. SNOW IMPORTANCE FACTOR:  
E. SNOW THERMAL FACTOR:  
F. ROOF SLOPE FACTOR:  
G. SLOPED ROOF SNOW LOAD:  
H. DESIGN IS BASED ON FULL OR PARTIALLY EXPOSED ROOF PER ASCE 7-05.

$P_g = 10 \text{ PSF}$   
 $P_f = 10 \text{ PSF}$   
 $C_e = 1.0$   
 $I_s = 1.0$   
 $C_t = 1.1$   
 $C_s = 1.0$   
 $P_s = P_f \times C_s$

WIND LOAD:  
A. WIND SPEED (3-SEC GUST):  
B. WIND IMPORTANCE FACTOR:  
C. WIND EXPOSURE CATEGORY:  
D. INTERNAL PRESSURE COEFFICIENT:  
E. COMPONENT & CLADDING PRESSURES (ROOF 0 TO 7 DEG.):  
WALL ZONE 5 = +/-35.2 PSF  
WALL ZONE 4 = +/-28.6 PSF  
ROOF ZONE 3 = -66.6 PSF  
ROOF ZONE 2 = -44.2 PSF  
ROOF ZONE 1 = -26.4 PSF  
F. THIS BUILDING IS NOT DESIGNED FOR PLACEMENT ON THE UPPER HALF OF A HILL OR ESCARPMENT EXCEEDING 15 FEET IN HEIGHT.  
G. BUILDING CATEGORY IS II PER ASCE 7-05.  
H. BUILDING DESIGN IS BASED ON "ENCLOSED" CLASSIFICATION.  
I. BUILDING MEAN ROOF HEIGHT SHALL NOT EXCEED 15 FEET.

$V = 110 \text{ MPH}$   
 $I_w = 1.0$   
 $EXP. = C$   
 $GCp1 = 0.18$

SEISMIC LOAD:  
A. SEISMIC IMPORTANCE FACTOR IS 1.0  
B. SEISMIC OCCUPANCY CATEGORY IS II.  
C. SEISMIC SITE CLASS IS D.  
D. SPECTRAL RESPONSE COEFFICIENTS:  
 $S_a = 0.52$   $S_1 = 0.12$   
 $S_d = 0.49$   $S_d1 = 0.19$   
E. SEISMIC DESIGN CATEGORY IS C.  
F. SEISMIC FORCE RESISTING SYSTEM IS A13.  
G. SIMPLIFIED SEISMIC ANALYSIS PROCEDURE HAS BEEN USED.  
H. RESPONSE MODIFICATION FACTOR  $R = 6.5$ .  
I. SEISMIC RESPONSE COEFFICIENT  $C_s = N/A$ .  
J. DESIGN BASE SHEAR  $V = 3200\#$

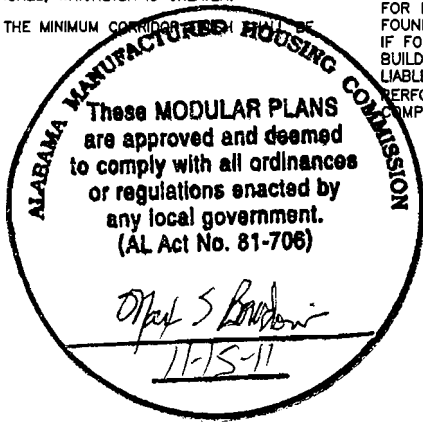
FLOOD LOAD:  
THIS BUILDING IS NOT DESIGNED TO BE LOCATED IN A FLOOD HAZARD AREA.

3680 = 36 INCHES X 80 INCHES (TYPICAL)  
VS = VERTICAL SLIDER, SINGLE OR DOUBLE HUNG  
ST/ST = STEEL INSULATED DOOR  
V/B = VIEW BLOCK

FOR FOUNDATION DESIGN REFER TO THE ATTACHED FOUNDATION PLANS PREPARED BY THE BUILDING DESIGNER. IF FOUNDATION PLANS ARE DESIGNED BY OTHERS, THE BUILDING DESIGNER SHALL NOT BE HELD RESPONSIBLE OR LIABLE FOR THE FOUNDATION DESIGN & THE CONSEQUENTIAL PERFORMANCE OF THE SUPERSTRUCTURE'S STRUCTURAL COMPONENTS AND SYSTEMS RELATING THERETO.

CODE SUMMARY:						
STATE	BUILDING	ELECTRICAL	MECHANICAL	PLUMBING	ACCESSIBILITY	ENERGY
ALABAMA	2009 IBC	2011 NEC	2009 IMC	2009 IPC	2010 ADA	2009 IECC

<u>SHEET</u>	<u>DESCRIPTION</u>
1 OF 7	COVER SHEET
2 OF 7	NOTES
3 OF 7	ELEVATIONS & END WALL BRACING
4 OF 7	FLOOR PLAN
5 OF 7	PLUMBING RISERS
6 OF 7	CROSS SECTION
7 OF 7	SITE HEADER DETAILS



DATE: 10/24/2011		KENNETH A. GODFREY, P.E. CONSULTING ENGINEER 490 RUSTIC BARN TRAIL MORGANTON, GA 30560	
SCALE : NTS		REVISIONS:	BY:  KAG.
CODES: SEE SUMMARY			
LABELS: RADCO, AL			
DBI 4879 A/B		24 x 60	BUSINESS
COVER SHEET		KAG. NO. 1020110BI	SHEET  1 OF 7

ELECTRICAL NOTES:

1. ALL EQUIPMENT SHALL BE LISTED BY UL FOR THE APPLICATION FOR WHICH IT IS USED AND ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE LISTING.
2. ALL CIRCUITS AND EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH THE APPROPRIATE ARTICLES OF THE NATIONAL ELECTRICAL CODE (NEC). ALL EQUIPMENT SHALL BE LISTED AND IDENTIFIED FOR USE WITH 75°C OR 90°C CONDUCTORS UNLESS OTHERWISE SPECIFIED.
3. WHEN LIGHT FIXTURES ARE INSTALLED IN CLOSETS THEY SHALL BE SURFACE MOUNTED OR RECESSED. INCANDESCENT FIXTURES SHALL HAVE COMPLETELY ENCLOSED LAMPS. SURFACE MOUNTED INCANDESCENT FIXTURES SHALL HAVE A MINIMUM CLEARANCE OF 12 INCHES AND ALL OTHER FIXTURES SHALL BE A MINIMUM CLEARANCE OF 6 INCHES FROM "STORAGE AREA" AS DEFINED BY NEC 410-8(g).
4. WHEN WATER HEATERS ARE INSTALLED THEY SHALL BE PROVIDED WITH READILY ACCESSIBLE DISCONNECTS ADJACENT TO THE WATER HEATERS SERVED. THE BRANCH CIRCUIT SWITCH OR CIRCUIT BREAKER SHALL BE PERMITTED TO SERVE AS THE DISCONNECTING MEANS ONLY WHERE THE SWITCH OR CIRCUIT BREAKER IS WITHIN SIGHT FROM THE WATER HEATER OR IS CAPABLE OF BEING LOCKED IN THE OPEN POSITION.
5. HVAC EQUIPMENT SHALL BE PROVIDED WITH READILY ACCESSIBLE DISCONNECTS ADJACENT TO THE EQUIPMENT SERVED. A UNIT SWITCH WITH A MARKED "OFF" POSITION THAT IS A PART OF THE HVAC EQUIPMENT AND DISCONNECTS ALL UNGROUNDED CONDUCTORS SHALL BE PERMITTED AS THE DISCONNECTING MEANS WHERE OTHER DISCONNECTING MEANS ARE ALSO PROVIDED BY A READILY ACCESSIBLE CIRCUIT BREAKER.
6. PRIOR TO ENERGIZING THE ELECTRICAL SYSTEM THE INTERRUPTING RATING OF THE MAIN BREAKER MUST BE DESIGNED AND VERIFIED AS BEING IN COMPLIANCE WITH SECTION 110-9 OF THE NEC BY LOCAL ELECTRICAL CONSULTANT.
7. THE MAIN ELECTRICAL PANEL AND FEEDERS ARE DESIGNED BY OTHERS, SITE INSTALLED AND SUBJECT TO LOCAL JURISDICTION APPROVAL.
8. ALL CIRCUITS CROSSING OVER MODULE MATING LINE(S) SHALL BE SITE CONNECTED WITH APPROVED ACCESSIBLE JUNCTION BOXES OR CABLE CONNECTORS.
9. FIRE ALARM PULL STATION OPERABLE DEVICE SHALL BE LOCATED 42 TO 45 INCHES ABOVE THE FLOOR. FIRE ALARM HORN/STROBE DEVICE SHALL BE WALL MOUNTED WITH THE BOTTOM EDGE 80 INCHES ABOVE THE FLOOR.
10. ALL RECEPTACLES INSTALLED IN WET LOCATIONS (EXTERIOR) SHALL HAVE WEATHER PROOF (WP) ENCLOSURES. THE INTEGRITY OF WHICH IS NOT AFFECTED WHEN AN ATTACHMENT PLUG CAP IS INSERTED OR REMOVED. IN ADDITION NONLOCKING RECEPTACLES SHALL BE LISTED WEATHER-RESISTANT TYPE WHEN COMPLIANCE WITH THE 2008 NEC IS REQUIRED (SEE CODE SUMMARY ON COVER SHEET).
11. ALL EXTERIOR LIGHTS SHALL BE EQUIPPED WITH PHOTOCELLS FOR AUTOMATIC SHUT-OFF WHEN DAYLIGHT IS AVAILABLE.
12. EMERGENCY LIGHTING SHALL BE CAPABLE OF PROVIDING INITIAL ILLUMINATION THAT IS AT LEAST AN AVERAGE OF 1 FOOT-CANDLE (fc) AND A MINIMUM OF 0.1 fc MEASURED ALONG THE PATH OF EGRESS AT THE FLOOR LEVEL. ILLUMINATION LEVELS SHALL BE PERMITTED TO DECLINE TO 0.6 fc AVERAGE AND A MINIMUM AT ANY POINT OF 0.06 fc AT THE END OF THE EMERGENCY LIGHT TIME DURATION. A MAXIMUM-TO-MINIMUM ILLUMINATION UNIFORMITY RATIO OF 40 TO 1 SHALL NOT BE EXCEEDED. THE EMERGENCY POWER SYSTEM SHALL PROVIDE POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES.
13. WHEN A SINGLE RECEPTACLE IS INSTALLED ON AN INDIVIDUAL BRANCH CIRCUIT THE RECEPTACLE SHALL HAVE AN AMPERE RATING NOT LESS THAN THAT OF THE BRANCH CIRCUIT.
14. ELECTRICAL PANELS SHALL BE EQUIPPED WITH A MAIN BREAKER OF THE SAME SIZE AS THE PANEL UNLESS OTHERWISE SPECIFIED.
15. WIRING ABOVE T-GRID CEILINGS SHALL BE AC CABLE, MC CABLE OR RUN IN EMT CONDUIT.

PLUMBING NOTES:

1. WHEN REQUIRED RESTROOM FACILITIES ARE NOT PROVIDED WITHIN THE BUILDING THEY SHALL BE LOCATED IN AN ADJACENT BUILDING OR SITE INSTALLED AND ARE SUBJECT TO THE APPROVAL AND INSPECTION BY THE JURISDICTION HAVING AUTHORITY. ALL SITE INSTALLED FACILITIES ARE DESIGNED BY OTHERS. THIS SHALL BE NOTED ON THE BUILDING DATA PLATE.
2. BUILDING OWNER ASSUMES ALL RESPONSIBILITY FOR DRINKING WATER FACILITIES, SERVICE SINK AND ALL OTHER REQUIRED PLUMBING FACILITIES NOT SHOWN ON FLOOR PLAN. ALL BUILDING OWNER PROVIDED FACILITIES ARE DESIGNED BY OTHERS.
3. TOILETS SHALL BE ELONGATED WITH NONABSORBENT OPEN FRONT SEATS.
4. RESTROOM WALLS SHALL BE COVERED WITH NONABSORBENT MATERIAL TO A MINIMUM HEIGHT OF 48 INCHES A.F.F. (70 INCHES MINIMUM IN SHOWERS). TOILET, BATHING AND SHOWER ROOM FLOORS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE THAT EXTENDS UPWARD ONTO THE WALLS AT LEAST 4 INCHES.
5. ALL PLUMBING FIXTURES SHALL HAVE SEPARATE SHUTOFF VALVES.
6. WATER HEATER SHALL HAVE A T & P RELIEF VALVE WITH DRAIN TO EXTERIOR, AND A SHUTOFF VALVE WITHIN 3 FEET ON THE COLD WATER SUPPLY LINE.
7. DWV SYSTEM SHALL BE EITHER ABS OR PVC - DWV.
8. WATER SUPPLY LINES SHALL BE CPVC OR COPPER.
9. ALL PIPE HANGERS SHALL BE NON-METALLIC OR OF THE SAME METAL AS THE PIPE BEING SUPPORTED. ALL SUPPORTS FOR PLASTIC PIPES SHALL PERMIT FREE MOVEMENT AND/OR THERMAL EXPANSION OF THE PIPE. PIPING SUPPORTS SHALL BE SPACED IN ACCORDANCE WITH THE APPLICABLE PLUMBING CODE AND MANUFACTURER'S INSTALLATION INSTRUCTIONS.
10. WATER PIPES INSTALLED IN A WALL EXPOSED TO THE EXTERIOR SHALL BE LOCATED ON THE HEATED SIDE OF THE WALL INSULATION. WATER PIPING INSTALLED IN AN UNCONDITIONED ATTIC SHALL BE INSULATED WITH AN INSULATION OF R-6.5 MINIMUM. WHERE SUBJECT TO TEMPERATURES LESS THAN 32° F. WATER, SOIL OR WASTE PIPES SHALL BE INSULATED WITH AN INSULATION OF R-6.5 MINIMUM.
11. WATER CLOSETS ARE TANK TYPE AND URINALS ARE FLUSH TANK TYPE UNLESS OTHERWISE SPECIFIED.
12. BUILDING DRAIN AND CLEANOUTS ARE DESIGNED AND SITE INSTALLED BY OTHERS, SUBJECT TO LOCAL JURISDICTION APPROVAL.
13. THERMAL EXPANSION DEVICE, IF REQUIRED BY WATER HEATER INSTALLED, AND IF NOT SHOWN ON PLUMBING PLAN, IS DESIGNED AND SITE INSTALLED BY OTHERS, SUBJECT TO LOCAL APPROVAL.
14. WATER HEATER STORAGE TANKS SHALL HAVE THE FIRST 8 FEET OF OUTLET PIPING AND THE INLET PIPE BETWEEN THE TANK AND THE HEAT TRAP COVERED WITH 1 INCH THICK INSULATION FOR PIPE DIAMETERS OF 2 INCH OR LESS, AND 1.5 INCH THICK INSULATION FOR PIPE DIAMETERS GREATER THAN 2 INCH.
15. A WATER-HAMMER ARRESTOR SHALL BE INSTALLED WHERE QUICK-CLOSING VALVES ARE UTILIZED, UNLESS OTHERWISE APPROVED. WATER-HAMMER ARRESTORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS. WATER-HAMMER ARRESTORS SHALL CONFORM TO ASSE 1010.
16. SHOWERS SHALL BE CONTROLLED BY AN APPROVED MIXING VALVE WITH A MAXIMUM WATER OUTLET TEMPERATURE OF 110°F (43°C)

MECHANICAL NOTES:

1. ALL SUPPLY AIR REGISTERS SHALL BE 24 INCHES X 24 INCHES ADJUSTABLE WITH 8 INCHES X 20 INCHES (INSIDE) OVERHEAD FIBERGLASS MAIN DUCT, AND 8 INCH X 16 INCH (INSIDE) OVERHEAD FIBERGLASS STEP DOWN MAIN DUCT. DUCTS LOCATED OUTSIDE THE BUILDING ENVELOPE INCLUDING ATTIC DUCTS LOCATED ABOVE CEILING INSULATION SHALL HAVE R-8 MINIMUM INSULATION VALUE. DUCTS LOCATED IN UNCONDITIONED SPACES INCLUDING ATTIC DUCTS LOCATED BELOW CEILING OR ROOF INSULATION SHALL HAVE R-5 MINIMUM INSULATION VALUE. AT T-GRID CEILINGS THE FLEX DUCT FROM MAIN SUPPLY AIR DUCT TO SUPPLY AIR REGISTERS SHALL BE 8" (INSIDE) AND THE FLEX DUCT FROM MAIN RETURN AIR DUCT TO RETURN AIR REGISTERS SHALL BE 10" (INSIDE) UNLESS OTHERWISE SPECIFIED.
2. FIBERGLASS DUCTS SHALL BE CONSTRUCTED WITH CLASS 0 OR CLASS 1 DUCT MATERIAL IN ACCORDANCE WITH UL 181. FIBERGLASS DUCT CONSTRUCTION AND INSTALLATION SHALL CONFORM TO THE SMACNA FIBROUS GLASS DUCT CONSTRUCTION STANDARDS OR NAAMA FIBROUS GLASS DUCT CONSTRUCTION STANDARDS. METAL DUCTS SHALL BE CONSTRUCTED AS SPECIFIED IN THE SMACNA HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE. FLEXIBLE AIR DUCTS, BOTH FIBERGLASS AND METAL, SHALL BE TESTED IN ACCORDANCE WITH UL 181 AND SHALL BE LISTED AND LABELED AS CLASS 0 OR CLASS 1 FLEXIBLE AIR DUCT. ALL DUCTS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
3. INTERIOR DOORS SHALL BE UNDERCUT 1.5 INCHES ABOVE FINISHED FLOOR FOR AIR RETURN AND OR AS NOTED ON FLOOR PLAN, EXCEPT DOORS LOCATED IN FIRE RATED PARTITIONS SHALL NOT BE UNDERCUT.
4. RESTROOM VENT FANS SHALL PROVIDE 75 CFM OR MORE EXHAUST PER WATER CLOSET OR URINAL, UNLESS OTHERWISE SPECIFIED ON PLANS.
5. VENT FANS SHALL BE DUCTED TO THE EXTERIOR AND TERMINATE AT AN APPROVED VENT CAP.
6. HVAC EQUIPMENT SHALL BE EQUIPPED WITH OUTSIDE FRESH AIR INTAKES CAPABLE OF PROVIDING 250 CFM FOR EACH UNIT.
7. HVAC SYSTEM SHALL COMPLY WITH NFPA 90B.
8. THERMOSTATS SHALL BE PROGRAMMABLE AS REQUIRED BY THE APPLICABLE ENERGY CODE. IF PROGRAMMABLE THERMOSTATS ARE NOT INSTALLED IN THE FACTORY THEY SHALL BE PROVIDED BY THE BUILDING OWNER AND SITE INSTALLED BY OTHERS.

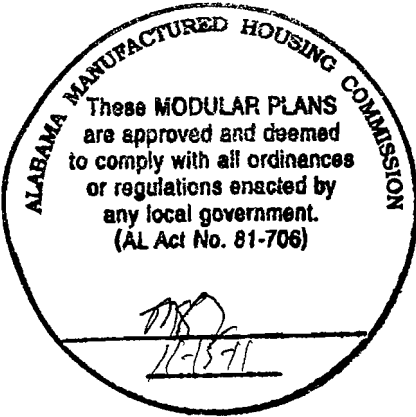
CLOTHES DRYER EXHAUST NOTES:

1. CLOTHES DRYER IS ASSUMED TO BE A DOMESTIC TYPE CLOTHES DRYER.
2. CLOTHES DRYER SHALL BE EXHAUSTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
3. CLOTHES DRYER EXHAUST SHALL BE DUCTED THROUGH THE CRAWLSPACE TO THE OUTSIDE OF THE BUILDING AND SHALL BE EQUIPPED WITH A BACKDRAFT DAMPER.
4. WHERE EXHAUST DUCT PENETRATES A WALL MEMBRANE, THE ANNULAR SPACE SHALL BE SEALED WITH NONCOMBUSTIBLE MATERIAL, APPROVED FIRE CAULKING OR A NONCOMBUSTIBLE DRYER EXHAUST DUCT WALL RECEPTACLE.
5. DUCT VERTICAL RISERS SHALL BE PROVIDED WITH A MEANS FOR CLEANOUT.
6. EXHAUST DUCT SHALL BE 4 INCH NOMINAL IN DIAMETER AND SHALL HAVE A SMOOTH FINISH AND SHALL BE CONSTRUCTED OF 0.016 INCH MINIMUM METAL.
7. EXHAUST DUCT SHALL BE SUPPORTED AT 4-FOOT INTERVALS AND SECURED IN PLACE.
8. PROTECTIVE SHIELD PLATES SHALL BE PLACED WHERE NAILS OR SCREWS FROM FINISH OR OTHER WORK ARE LIKELY TO PENETRATE THE CLOTHES DRYER EXHAUST DUCT. SEE IMC SECTION 504.6.7 FOR SHIELD PLATE REQUIREMENTS.

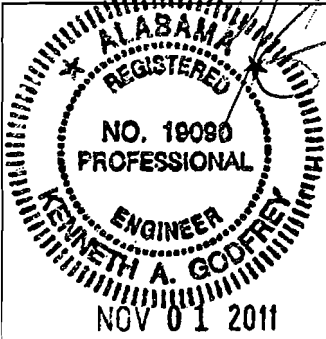
ELECTRICAL SCHEDULE 'A'			
CIRCUIT	NOMENCLATURE	BREAKER (AMPS)	WIRE (CU.)
1,3A	HVAC	50 A (2P) HACR TYPE	6-6-10 MC *
2,5A	LIGHTING/FANS	15 A	14-2 MC
4,6A	RECEPTACLES	20 A	12-2 NM
ELECTRICAL PANEL SIZING:			
DESCRIPTION	SUBPANEL 'A'	KVA	
GENERAL LIGHTING			
.0035 KW/SF X 705 SF X 1.25=		3.1	
.20 RECEPTS AT 180VA/1000=		3.6	
1 FAN AT .3 KW X 1.25=		0.4	
HVAC		10.5	
TOTAL 17.6 KW			
TOTAL/240 X 1000=	73.3 AMPS		
INSTALL 100 AMP PANEL & MAIN BREAKER			
120/240 V 1Ø			

ELECTRICAL SCHEDULE 'B'			
CIRCUIT	NOMENCLATURE	BREAKER (AMPS)	WIRE (CU.)
1,3B	HVAC	60 A (2P) HACR TYPE	8-6-10 MC *
2B	LIGHTING	15 A	14-2 MC
4,6,8B	RECEPTACLES	20 A	12-2 NM
5B	WASHER	20 A (1P)	12-2 NM
7B	REFRIGERATOR	20 A (1P)	12-2 NM
9,11B	W/H	25 A (2P)	10-3 NM
10,12B	DRYER	30 A (2P)	10-3 NM
14,16B	DEDICATED	50 A (2P)	6-3 NM
15B	MICROWARE	20 A (1P)	12-2 NM
13B	GARB. DISP.	20 A (1P)	12-2 NM
17B	DISH WASHER	20 A (1P)	12-2 NM

ELECTRICAL PANEL SIZING:		
DESCRIPTION	SUBPANEL 'B'	KVA
GENERAL LIGHTING		
.0035 KW/SF X 705 SF X 1.25=		3.1
.13 RECEPTS AT 180VA/1000=		2.3
WATER HEATER 4.5 KW X 1.25=		5.6
2 FANS AT .3 KW X 1.25=		0.8
WASHER		1.5
HVAC		10.5
REFRIGERATOR		1.5
DRYER		5.0
DEDICATED		9.6
MICROWARE		1.2
GARBAGE DISPOSAL		1.2
DISH WASHER		1.2
TOTAL 43.5 KW		
TOTAL/240 X 1000=	181.2 AMPS	
INSTALL 200 AMP PANEL & MAIN BREAKER		
120/240 V 1Ø		

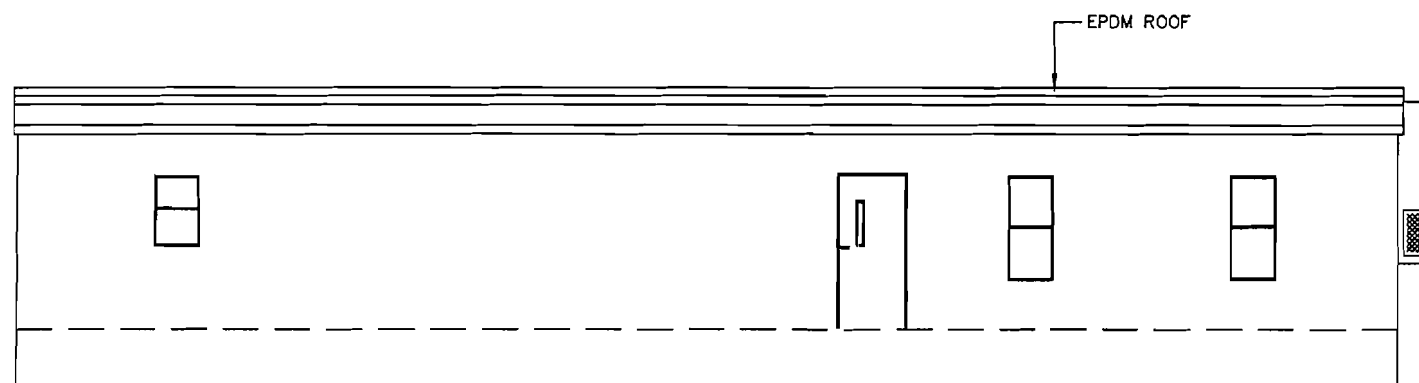


SYMBOLS	
	SMOKE DETECTOR
	DUPLEX RECEPTACLE 120 V.
	DUPLEX RECEPTACLE 120 V. 40 INCHES A.F.F.
	QUADPLEX RECEPTACLE 120 V.
	SINGLE RECEPTACLE 240 V.
	SWITCH/ 3 WAY & DIMMER SWITCH
	EXTERIOR INCANDESCENT LIGHT WITH 1- 60 W. BULB
	VENT FAN
	SUPPLY AIR REGISTER
	RETURN AIR REGISTER
	PROGRAMMABLE THERMOSTAT
	FLUORESCENT FIXTURE WITH 3-32W T8 TUBES & ELECTRONIC BALLAST (96 W. TOTAL FIXTURE WATTAGE)
	COMBO INTERNALLY LIGHTED EXIT SIGN (5 W.) & EMERGENCY LIGHT WITH BATTERY BACKUP
	JUNCTION BOX (NON POWERED UNLESS CIRCUIT NO. IS SHOWN)
	POWERED JUNCTION BOX (200 WATTS MAX.)
	EMERGENCY LIGHT WITH BATTERY BACKUP

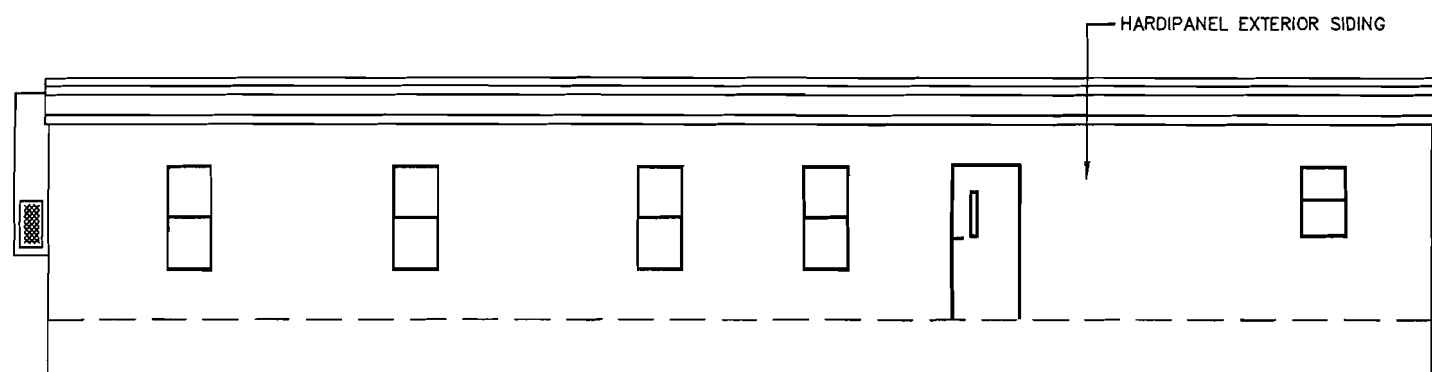


DIAMOND BUILDERS, INC.		
440 THOMPSON DR., DOUGLAS GEORGIA 31534		
(912)384-7080 FAX: (912)384-5721		
DATE: 10/24/2011	KENNETH A. GODFREY, P.E. CONSULTING ENGINEER 490 RUSTIC BARN TRAIL MORGANTON, GA 30560	
SCALE : NTS		
CODES: SEE SUMMARY	REVISIONS:	BY: KAG.
LABELS: RADCO, AL		
DBI 4879 A/B 24 X 60 BUSINESS		
ELECTRICAL, MECHANICAL & PLUMBING NOTES	KAG. NO. 102011DBI	SHEET 2 OF 7

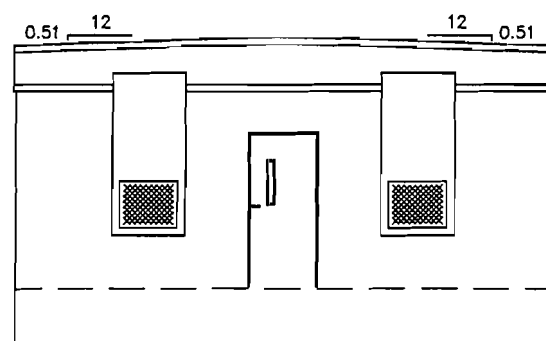
\* INSULATION ON WIRING IN MC CABLE SHALL BE RATED FOR 90° C.



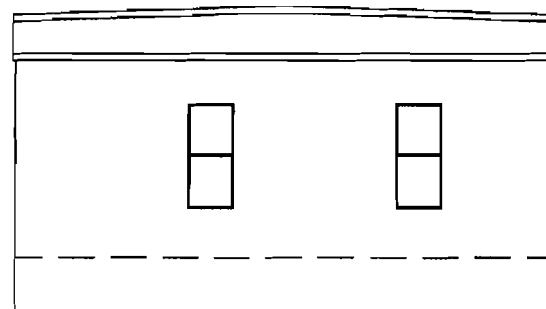
FRONT ELEVATION



REAR ELEVATION



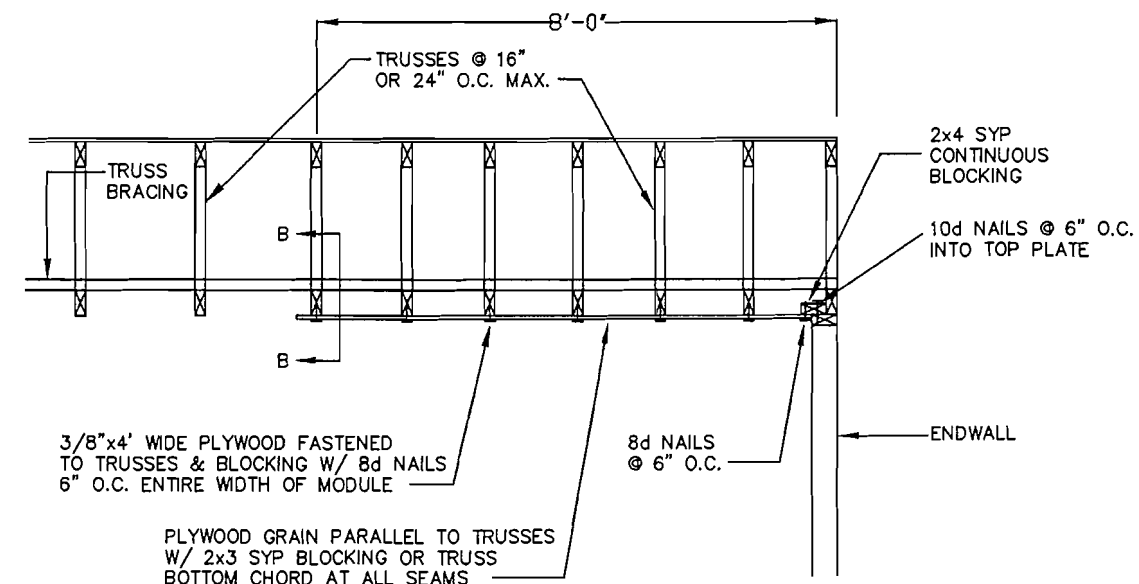
RIGHT ELEVATION



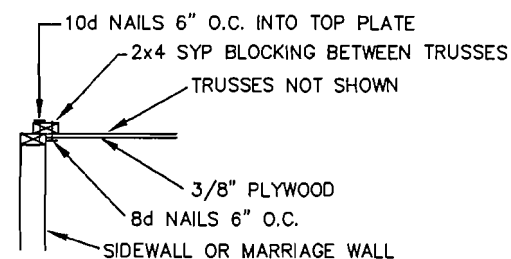
LEFT ELEVATION

TYPICAL ELEVATION NOTES:

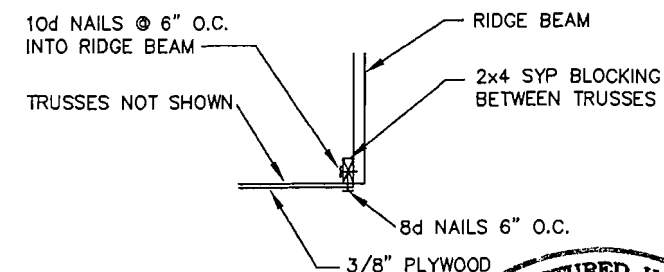
1. ALL SITE INSTALLED ITEMS ARE SUBJECT TO THE APPROVAL OF THE JURISDICTION HAVING AUTHORITY.
2. ACCESSIBLE RAMP(S), STAIR(S), AND HANDRAILS ARE DESIGNED BY OTHERS AND SITE INSTALLED.
3. FOUNDATION ENCLOSURE (IF PROVIDED) IS DESIGNED BY OTHERS AND SITE INSTALLED. ENCLOSURE MUST HAVE A MINIMUM NET AREA OF VENTILATION OPENINGS OF NOT LESS THAN ONE SQUARE FOOT FOR EACH 150 SQUARE FEET OF CRAWL SPACE AREA. LOCATE OPENINGS TO PROVIDE CROSS VENTILATION OF ENTIRE CRAWL SPACE. INSTALL AN 18" X 24" MINIMUM OPENING FOR CRAWL SPACE ACCESS.



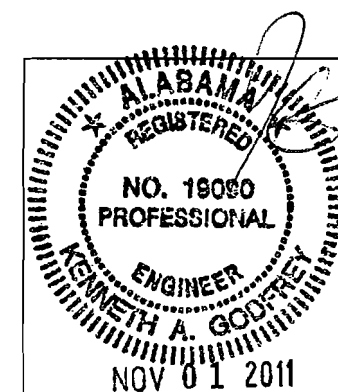
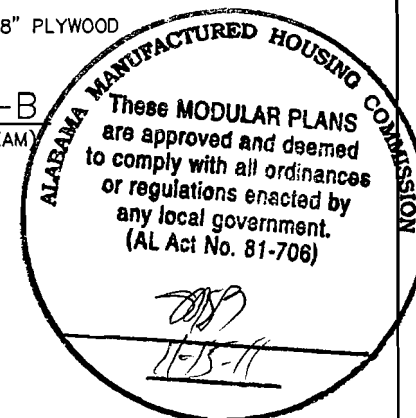
SECTION A-A  
(TYP. EACH ENDWALL)



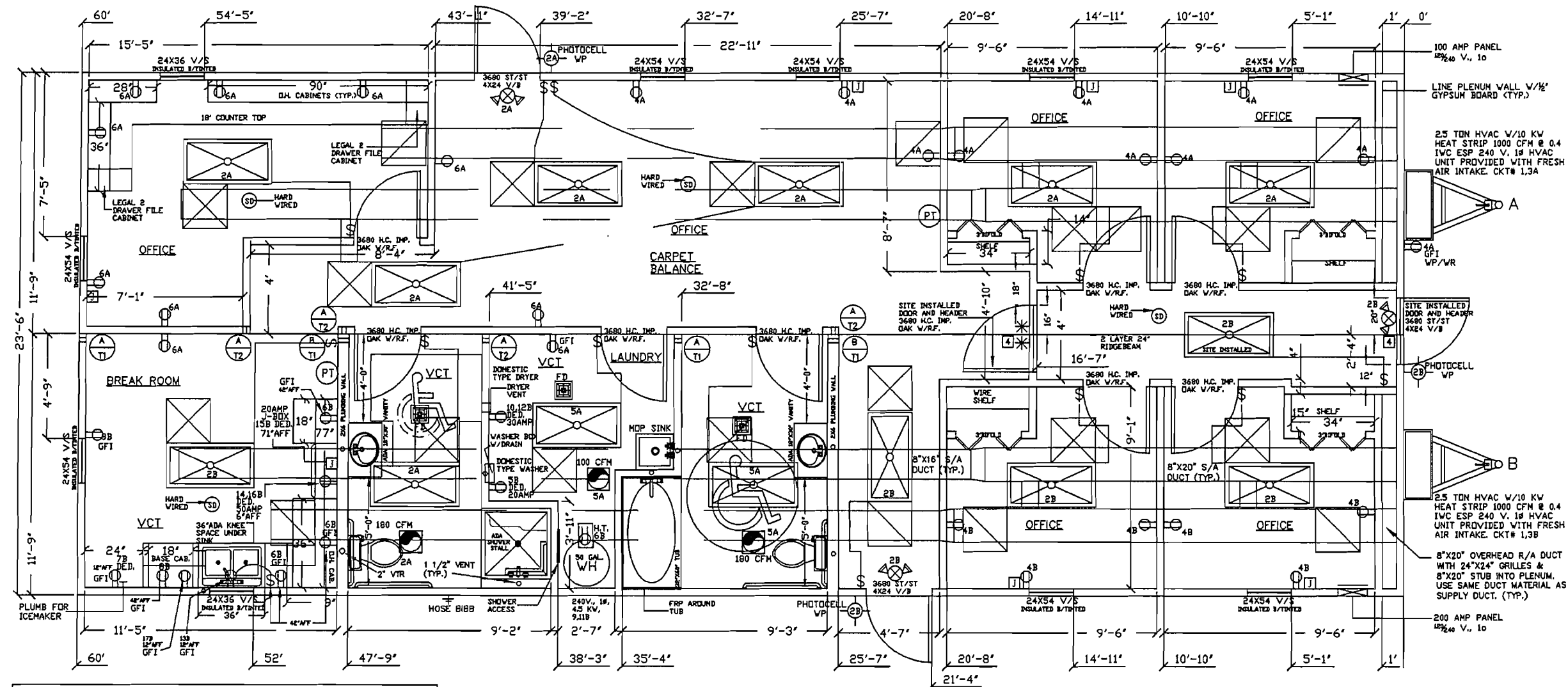
SECTION B-B  
(TYP. EACH SIDEWALL & MARRIAGE WALL)



SECTION B-B  
(TYP. AT RIDGE BEAM)



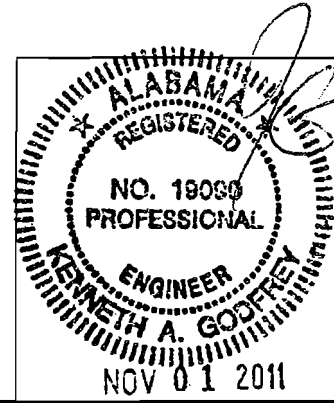
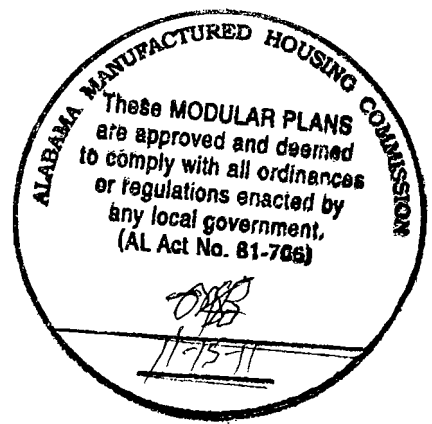
<b>DIAMOND BUILDERS, INC.</b> 440 THOMPSON DR., DOUGLAS GEORGIA 3134 (912)384-7080 FAX: (912)384-5721			
DATE: 10/24/2011	KENNETH A. GODFREY, P.E. CONSULTING ENGINEER 490 RUSTIC BARN TRAIL MORGANTON, GA 30560		
SCALE: NTS	CODES: SEE SUMMARY		REVISIONS:
LABELS: RADCO, AL	DBI 4879 A/B 24 X 60 BUSINESS		BY: KAG.
ELEVATIONS & END WALL BRACING		KAG. NO. 102011DBI	SHEET 3 OF 7



NOTE:  
THE BREAK ROOM AREA IS NOT DESIGNED FOR USE AS A COMMERCIAL FOOD SERVICE ESTABLISHMENT HOWEVER ANY APPLIANCES INSTALLED ARE SUBJECT TO THE APPLICABLE VENTILATION AND EXHAUST REQUIREMENTS OF THE APPLICABLE CODES. ANY AND ALL EXHAUST REQUIREMENTS, AS DETERMINED BY THE JURISDICTION HAVING AUTHORITY, ARE DESIGNED BY OTHERS AND SITE INSTALLED BY OTHERS AND SUBJECT TO THE APPROVAL OF THE JURISDICTION HAVING AUTHORITY.

COLUMN & COLUMN STRAPPING LEGEND	
	INDICATES TYPE OF STUD
	INDICATES TYPE OF TIE DOWN STRAP
	INDICATES WITH RIDGE BEAM BEARING STIFFENER (SEE RIDGE BEAM NOTES FOR SPECIFICATIONS)
COLUMN DESCRIPTIONS	
A	(2) 2x4 SYP #2 THIS HALF.
B	(2) 2x6 SYP #2 THIS HALF
NOTES:	
1. ALL COLUMN STUDS SHALL BE NAILED TOGETHER PER NDS AND FASTENED TOGETHER WITH 100% PVA GLUE COVERAGE.	
2. COLUMN STUDS SHALL NOT BE NOTCHED OR BORED.	
3. INSTALL ONE TIE DOWN STRAP FROM RIDGE BEAM TO COLUMN AND FROM COLUMN TO FLOOR RIM JOIST FOR EACH STUD OF COLUMN. (ie: 4 STUD COLUMN WILL REQUIRE 4 TIE DOWN STRAPS)	
4. STRAPS SHALL NOT BE OVERLAPPED OR DOUBLED UNLESS SPECIFIED OTHERWISE.	

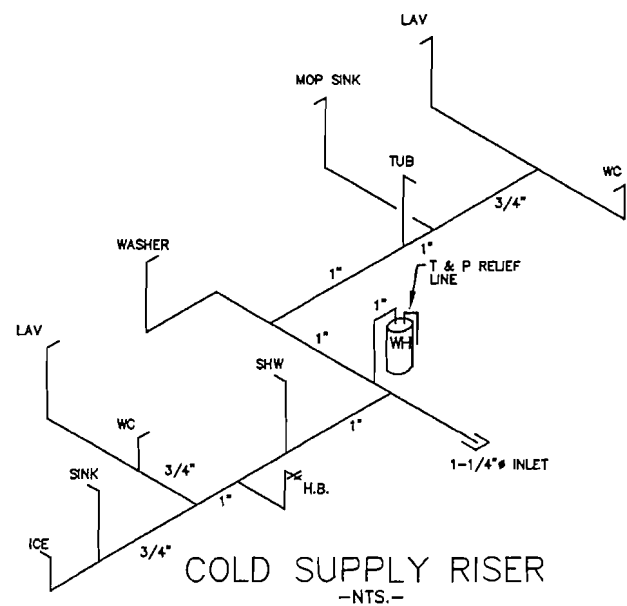
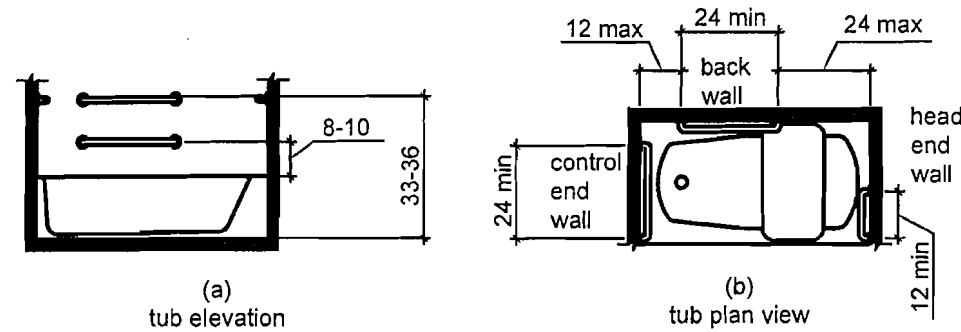
TIE DOWN STRAP DESCRIPTIONS	
T1	20 GA X 1-1/2" GALV. STEEL STRAP WITH (6) 0.148" X 3" NAILS EACH END. TWO 26 GA X 1-1/2" GALV. STEEL STRAPS MAY BE SUBSTITUTED FOR ONE 20 GA X 1-1/2" STRAP. NAILS MUST PENETRATE 2" MINIMUM INTO ALL MEMBERS. PENETRATION MAY BE REDUCED TO 1-1/2" IF 8 NAILS ARE USED IN LIEU OF 6. IN NO CASE SHALL SPLITTING OF WOOD BE PERMITTED.
T2	26 GA X 1-1/2" GALV. STEEL STRAP WITH (6) 14 GA X 7/16" X 1" STAPLES EACH END. 15 GA STAPLES MAY BE USED IF QUANTITY IS INCREASED TO (7) STAPLES.



DIAMOND BUILDERS, INC. 440 THOMPSON DR, DOUGLAS GEORGIA 31534 (912)384-7080 FAX: (912)384-5721			
DATE: 10/24/2011	KENNETH A. GODFREY, P.E. CONSULTING ENGINEER 490 RUSTIC BARN TRAIL MORGANTON, GA 30560		
SCALE: 3/16" = 1'-0"	CODES: SEE SUMMARY	REVISIONS:	BY: KAG.
LABELS: RADCO, AL	DBI 4879 A/B	24 X 60	BUSINESS
FLOOR PLAN	KAG. NO. 102011DBI		4 OF 7

# ACCESSIBILITY NOTES FOR BATHTUB:

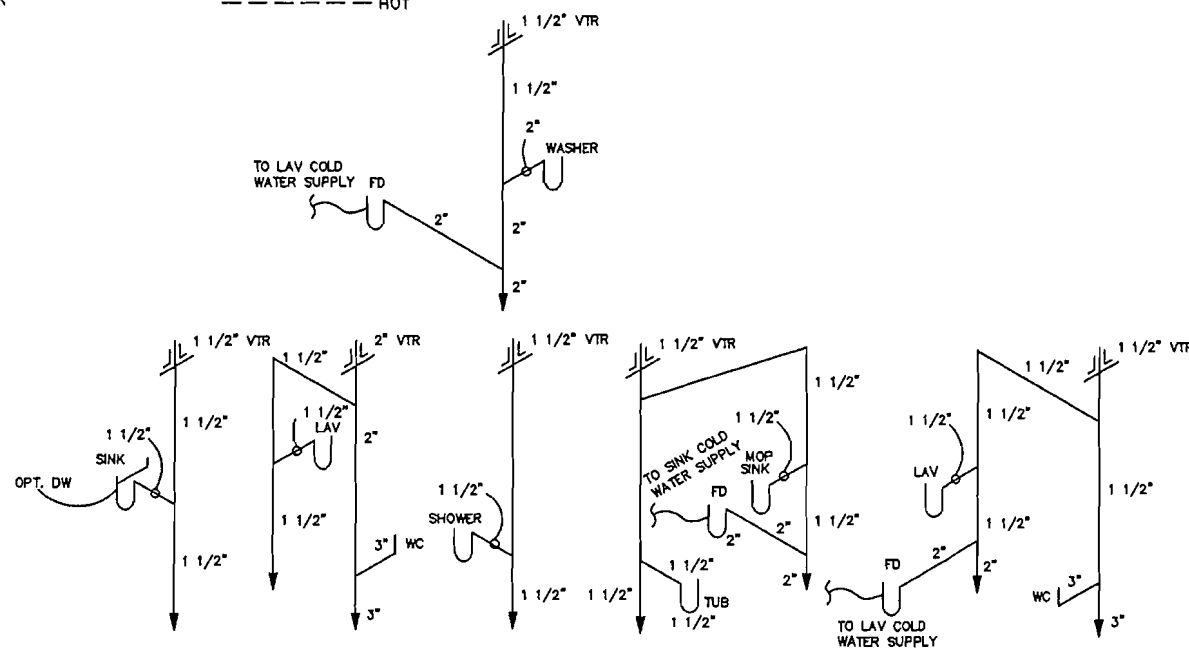
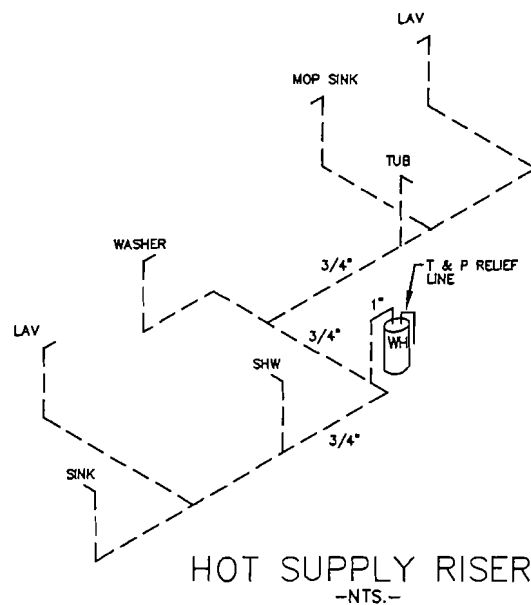
1. ACCESSIBLE BATHTUB SHALL BE EQUIPPED WITH A REMOVABLE IN-TUB SEAT. THE TOP OF THE BATHTUB SEAT SHALL BE 17 INCHES MINIMUM AND 19 INCHES MAXIMUM ABOVE THE BATHROOM FLOOR FINISH. THE SEAT DEPTH SHALL BE 15 INCHES MINIMUM AND 16 INCHES MAXIMUM. THE SEAT SHALL BE CAPABLE OF SECURE PLACEMENT.
2. BACK WALL OF BATHTUB SHALL HAVE TWO HORIZONTAL GRAB BARS, ONE SHALL BE 8 INCHES MINIMUM AND 10 INCHES MAXIMUM ABOVE THE RIM OF THE BATHTUB AND THE OTHER SHALL BE 33 INCHES MINIMUM AND 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE.
3. CONTROL END WALL SHALL HAVE ONE HORIZONTAL GRAB BAR 24 INCHES LONG MINIMUM INSTALLED AT THE FRONT EDGE OF THE BATHTUB.
4. HEAD END WALL SHALL HAVE ONE HORIZONTAL GRAB BAR 12 INCHES LONG INSTALLED AT THE FRONT EDGE OF THE BATHTUB.
5. CONTROLS SHALL BE BETWEEN THE BATHTUB RIM AND GRAB BAR, AND BETWEEN THE OPEN SIDE OF THE BATHTUB AND THE CENTERLINE OF THE WIDTH OF THE BATHTUB.
6. A SHOWER SPRAY UNIT WITH A HOSE AT LEAST 59 INCHES LONG THAT CAN BE USED BOTH AS A FIXED SHOWER HEAD AND AS A HAND-HELD SHOWER SHALL BE PROVIDED. SHOWER SPRAY CONTROL SHALL BE EQUIPPED WITH AN ON/OFF CONTROL WITH A NON-POSITIVE SHUT-OFF AND SHALL LIMIT TEMPERATURE TO 110°F (43°C). IF AN ADJUSTABLE HEIGHT SHOWER HEAD ON A VERTICAL BAR IS USED, THE BAR SHALL BE INSTALLED SO AS NOT TO OBSTRUCT THE USE OF THE GRAB BARS.
7. ENCLOSURE FOR BATHTUB SHALL NOT OBSTRUCT CONTROLS, FAUCETS, SHOWER AND SPRAY UNITS OR OBSTRUCT TRANSFER FROM WHEELCHAIR ONTO BATHTUB SEAT OR INTO BATHTUB. ENCLOSURE ON BATHTUB SHALL NOT HAVE TRACTS INSTALLED ON THE RIM OF THE OPEN FACE OF THE BATHTUB.



## SUPPLY LINE NOTES:

1. SUPPLY LINE SIZING IS BASED ON AN ASSUMED AVAILABLE PRESSURE OF 50 PSI TO 60 PSI AT THE LOCATION OF THE INLET(S) SHOWN AFTER ANY DEDUCTIONS FOR WATER PRESSURE REDUCING VALVES OR SPECIAL EQUIPMENT SUCH AS BACKFLOW PREVENTOR, FILTER, SOFTENER, ETC. THIS AVAILABLE PRESSURE MUST BE VERIFIED PRIOR TO CONSTRUCTION.
2. SUPPLY LINE INLET(S) SHOWN ON THESE PLANS ARE ASSUMED TO EXTEND ONLY TO EXTERIOR WALL. ALL SERVICE SUPPLY LINES UP TO THE INLET(S) ARE DESIGNED BY OTHERS AND SITE INSTALLED UNLESS OTHERWISE SPECIFIED.
3. SUPPLY LINE SIZING MUST BE REDESIGNED IF THE BUILDING DOES NOT COMPLY WITH ANY OF THE ABOVE ASSUMPTIONS.
4. UNLESS OTHERWISE SPECIFIED ALL SUPPLY LINES ARE 3/4" AND ALL STUB-UPS ARE 1/2".

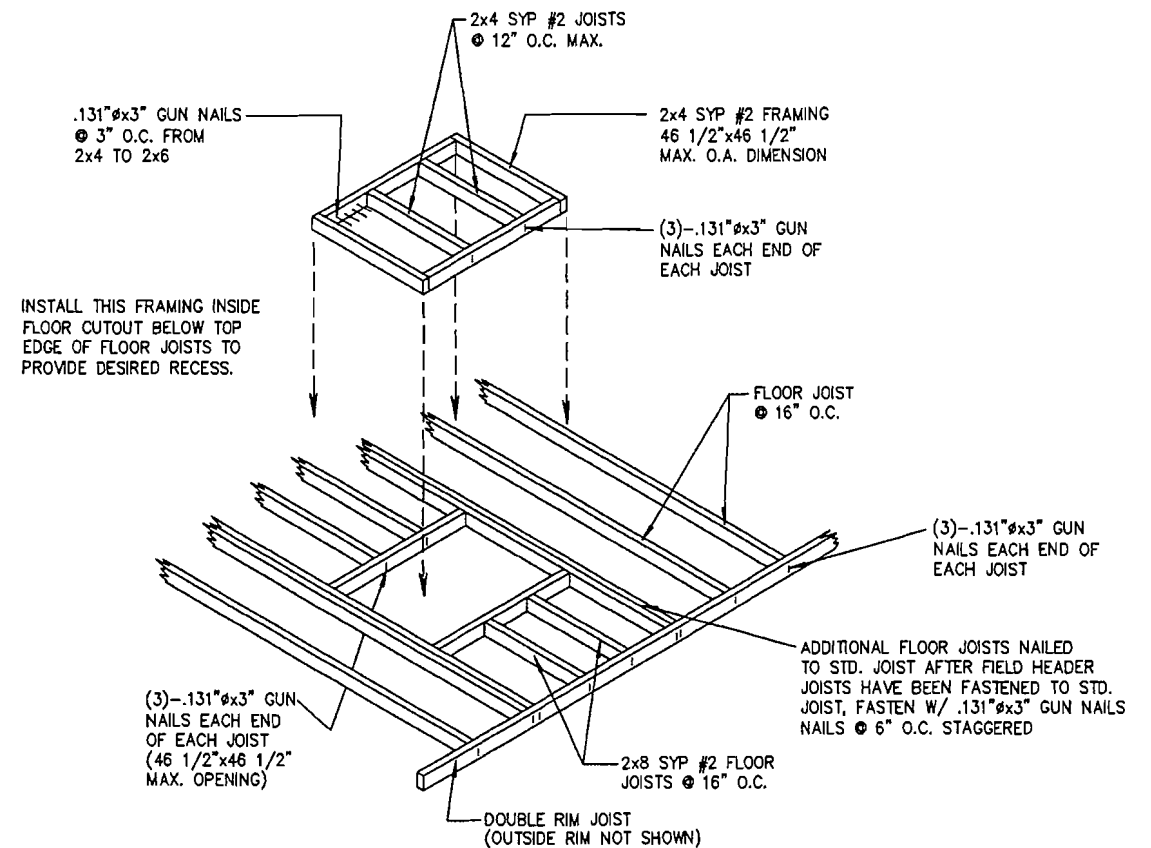
— COLD  
--- HOT



## DWV RISERS

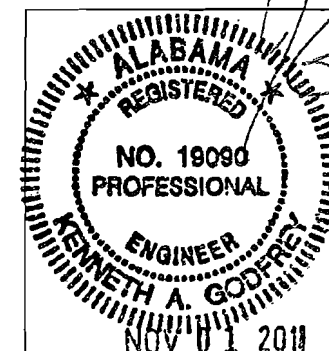
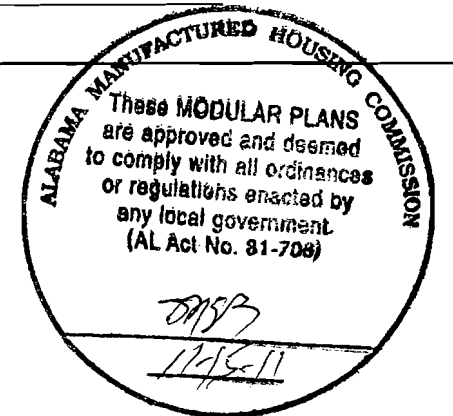
-NTS.-

ALL P-TRAPS SHALL BE SLIP JOINT TYPE TO ALLOW DRAIN LINE CLEANOUT.



## ACCESSIBLE SHOWER STALL RECESSED FLOOR AREA DETAIL

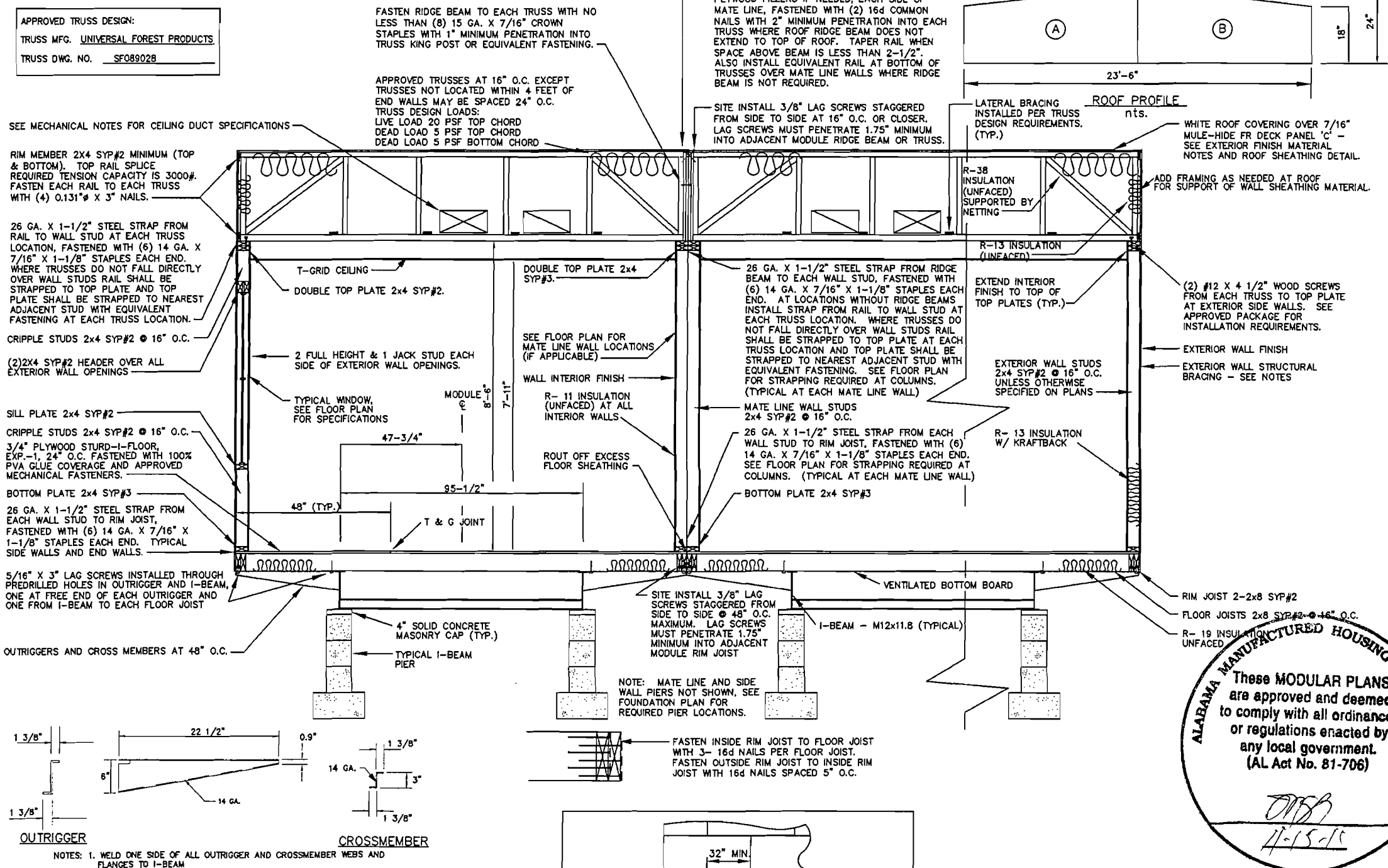
- NTS -



DIAMOND BUILDERS, INC. 440 THOMPSON DR, DOUGLAS GEORGIA 31534 (912)384-7080 FAX: (912)384-5721			
DATE: 10/24/2011	KENNETH A. GODFREY, P.E. CONSULTING ENGINEER 490 RUSTIC BARN TRAIL MORGANTON, GA 30560		
SCALE: NTS	REVISIONS:		
CODES: SEE SUMMARY	BY: KAG.		
LABELS: RADCO, AL	SHEET		
DBI 4879 A/B	24 X 60	BUSINESS	5 OF 7
PLUMBING RISERS AND DETAILS			KAG. NO. 102011DBI



APPROVED TRUSS DESIGN:  
TRUSS MFG. UNIVERSAL FOREST PRODUCTS  
TRUSS DWG. NO. SFO89028

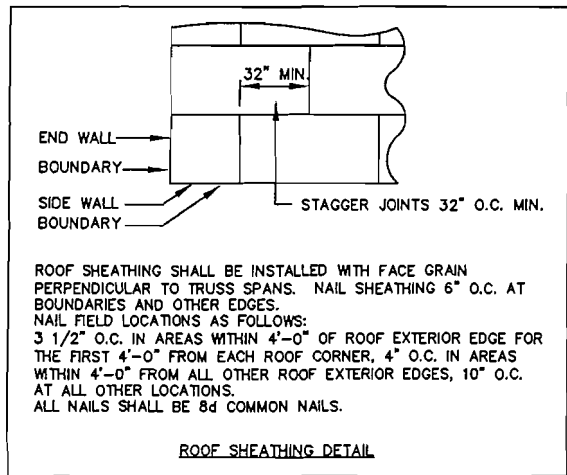


**PLYWOOD RIDGE BEAM CONSTRUCTION:**

2 LAYERS 3/4\" X 24\" PLYWOOD RATED SHEATHING, EXP. 1, STRUCTURAL I, 5 PLY/5 LAYER, 48/24 INDEX, EACH SIDE OF MATE LINE CONTINUOUS OVER ALL CLEAR SPANS AND OVER ALL SUPPORT COLUMNS.

**NOTES:**

1. PLYWOOD FACE GRAIN MUST BE PARALLEL TO DIRECTION OF RIDGE BEAM SPAN.
2. ALL PLYWOOD BUTT JOINTS MUST BE STAGGERED 24\" APART MINIMUM.
3. ALL RIDGE BEAM LAMINATIONS MUST BE THE SAME DEPTH, THICKNESS AND GRADE OF PLYWOOD. NO LUMBER OR PLYWOOD FLANGES ARE PERMITTED.
4. PLYWOOD MUST BE MANUFACTURED IN ACCORDANCE WITH PS I-95.
5. PLYWOOD LAMINATIONS ON EACH SIDE OF THE MATE LINE MUST BE GLUE-NAILED TO ADJACENT LAYERS IN ACCORDANCE WITH PDS SUPPLEMENT #5, WITH AN ADHESIVE COMPLYING WITH ASTM D2559 OR CA25-4.
6. PLYWOOD MUST NOT BE TREATED WITH A FIRE RETARDANT PROCESS.
7. MOISTURE CONTENT MUST BE LESS THAN 16%.
8. RIDGE BEAMS MUST EXTEND CONTINUOUS OVER ENTIRE LENGTH OF ALL SUPPORT COLUMNS.
9. INSTALL 2X4 SPF#3 MINIMUM RIDGE BEAM BEARING STIFFENER OVER SUPPORT COLUMNS WHEN SPECIFIED ON FLOOR PLAN. STIFFENER HEIGHT SHALL NOT BE LESS THAN RIDGE BEAM HEIGHT MINUS 4 INCHES. FASTEN THE FACE OF THE STIFFENER TO THE RIDGE BEAM WITH 100% GLUE COVERAGE AND (6) 16 GA. X 2-1/2\" STAPLES.



# GENERAL CROSS SECTION NOTES:

1. UNLESS OTHERWISE SPECIFIED ALL STEEL SHALL COMPLY WITH ASTM A36, YIELD STRENGTH 36 KSI.
2. ALL LAG SCREWS SHALL COMPLY WITH ANSI/ASME B18.2.1. F<sub>y</sub> = 60 KSI MINIMUM.
3. SEE FOUNDATION PLAN FOR PIER, WALL AND TIE DOWN ANCHORAGE LOCATIONS, ORIENTATIONS AND SPECIFICATIONS.
4. WHERE 1\" STAPLES ARE SPECIFIED THIS SHALL MEAN 1\" PENETRATION INTO HOLDING MEMBER.
5. WHERE KRAFTBACK OR OTHER VAPOR RETARDERS ARE SPECIFIED THEY SHALL BE INSTALLED ON THE INTERIOR SIDE OF THE ASSEMBLIES UNLESS OTHERWISE SPECIFIED.
6. ALL EXPOSED INSULATION SHALL HAVE FOIL FACING VAPOR RETARDER WITH A FLAMESPREAD RATING < 25 AND SMOKE DEVELOPED RATING < 450.
7. INTERIOR FINISH MATERIALS SHALL HAVE A MINIMUM CLASS 'C' FINISH RATING PER ASTM E 84 UNLESS OTHERWISE SPECIFIED.

# GENERAL FINISH NOTE:

1. ALL ROOFING AND SIDING MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH THE PRODUCTS MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. ROOFING AND SIDING MATERIALS AND THEIR FASTENINGS SHALL BE DESIGNED TO RESIST THE COMPONENT WIND LOAD SHOWN ON THE COVER SHEET.
3. ALL ROOF COVERINGS SHALL MEET CLASS C OR BETTER REQUIREMENTS.
4. WALL FINISH SHALL BE INSTALLED OVER APPROVED WATER-RESISTIVE BARRIER AND BRACING MATERIAL.
5. WATER-RESISTIVE BARRIER BEHIND WALL COVERING SHALL BE A MINIMUM OF ONE LAYER OF NO. 15 ASPHALT FELT COMPLYING WITH ASTM D 226 FOR TYPE I FELT OR OTHER APPROVED MATERIALS. BARRIER SHALL BE ATTACHED TO STUDS OR SHEATHING, WHICHEVER IS LOCATED DIRECTLY BEHIND WALL COVERING, WITH FLASHING AS DESCRIBED IN IBC SECTION 1405.3 IN SUCH A MANNER AS TO PROVIDE A CONTINUOUS WATER-RESISTIVE BARRIER. THE WATER-RESISTIVE BARRIER SHALL BE INSTALLED IN ACCORDANCE WITH THE WALL FINISH MANUFACTURER'S SPECIFICATIONS.

# INTERIOR FINISH MATERIALS:

CEILING - CLASS 'A' T-GRID CEILING INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

WALL - 1/2 INCH VINYL COVERED GYPSUM BOARD.

FLOOR - VINYL BLOCK TILE OR LINOLEUM IN RESTROOMS AND OTHER WET AREAS; CARPET, VINYL BLOCK TILE, OR LINOLEUM INSTALLED IN ALL OTHER AREAS.

# EXTERIOR FINISH MATERIALS:

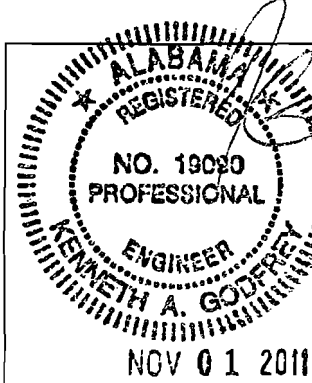
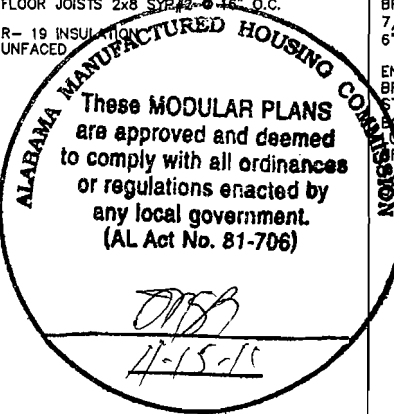
ROOF - MULE-HIDE 45 MIL WHITE EPDM FULLY ADHERED IN ACCORDANCE WITH ICC ES ESR-1463 OVER 7/16\" MULE-HIDE FR DECK PANEL 'C' IN ACCORDANCE WITH ICC ES ESR 1776.

WALL - 5/16 INCH HARDIPANEL FASTENED WITH 6d X 2\" COMMON GALV. NAILS AT 4\" O.C. EDGES AND 4\" O.C. FIELD.

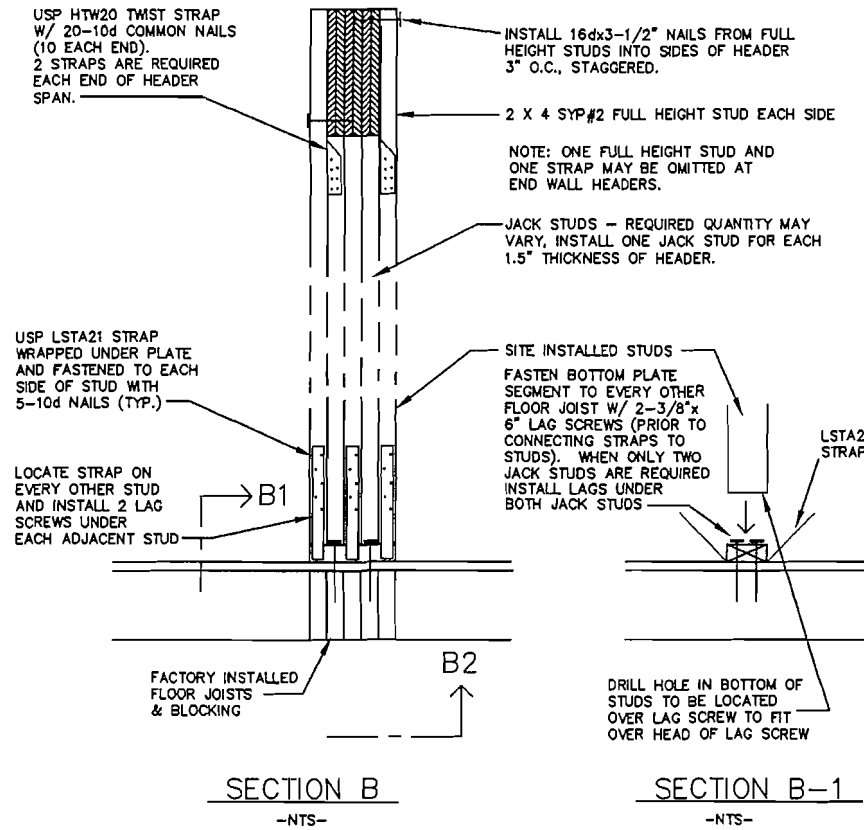
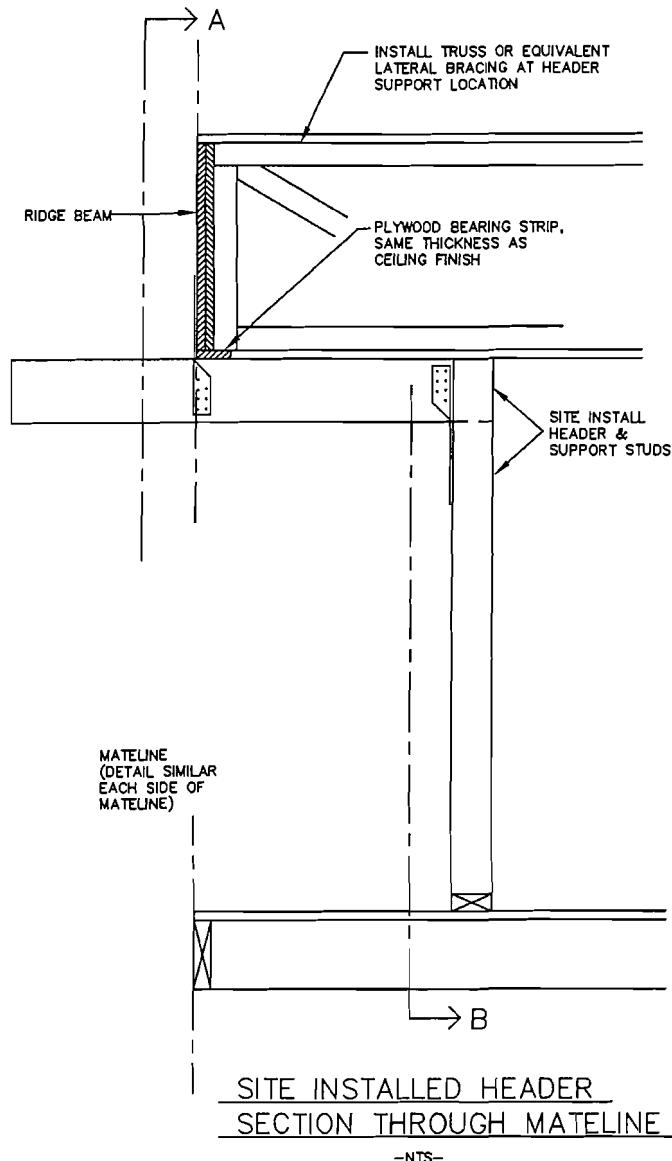
# EXTERIOR WALL STRUCTURAL BRACING:

**SIDE WALLS:**  
BRACING INSTALLATION:  
STRUCTURAL SHEATHING SHALL EXTEND CONTINUOUSLY FROM TOP TO BOTTOM PLATE WITH ALL SHEATHING EDGES EXTENDING 3/4\" MINIMUM OVER 2\" NOMINAL LUMBER OF THE SAME SIZE AND SPECIE AS EXTERIOR WALL FRAMING.  
BRACING MATERIAL:  
7/16\" OSB RATED SHEATHING, EXP-1, FASTENED WITH 8d COMMON OR GALV. BOX NAILS AT 6\" O.C. EDGES AND 12\" O.C. IN THE FIELD.

**END WALLS:**  
BRACING INSTALLATION:  
STRUCTURAL SHEATHING SHALL EXTEND CONTINUOUS FROM TOP OF TRUSS TOP CHORD TO BOTTOM OF FLOOR RIM JOIST WITH ALL SHEATHING EDGES SUPPORTED BY 2\" NOMINAL LUMBER OF THE SAME SIZE AND SPECIE AS EXTERIOR WALL FRAMING.  
BRACING MATERIAL:  
7/16\" OSB RATED SHEATHING, EXP-1, FASTENED WITH 8d COMMON OR GALV. BOX NAILS AT 6\" O.C. EDGES AND 12\" O.C. IN THE FIELD.

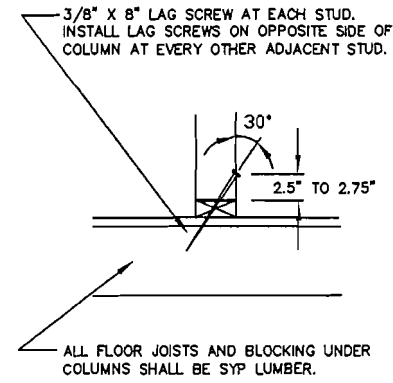
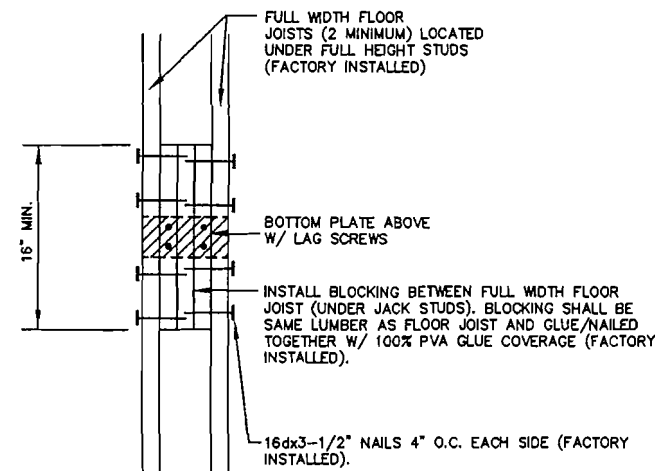


<b>DIAMOND BUILDERS, INC.</b> 440 THOMPSON DR., DOUGLAS GEORGIA 31534 (912)384-7080 FAX: (912)384-5721			
DATE: 10/24/2011	KENNETH A. GODFREY, P.E. CONSULTING ENGINEER 490 RUSTIC BARN TRAIL MORGANTON, GA 30560		
SCALE: NTS	CODES: SEE SUMMARY	REVISIONS:	BY: KAG.
LABELS: RADCO, AL	DBI 4879 A/B	24 X 60	BUSINESS
CROSS SECTION	KAG. NO. 102011DBI		SHEET 6 OF 7



**SITE INSTALLED HEADER NOTES:**

1. ☐ INDICATES NO. OF LAYERS OF 3/4" x 12" PLYWOOD RATED SHEATHING, STRUCTURAL I, EXPOSURE 1, 48/24, 5 PLY/ 5 LAYER. \* INDICATES WITH RIDGE BEAM BEARING STIFFENERS. SEE FLOOR PLAN FOR SYMBOL LOCATIONS.
2. PLYWOOD SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "RIDGE BEAM CONSTRUCTION NOTES" SPECIFIED HERE-IN OR IN THE SYSTEM PACKAGE EXCEPT THAT THERE SHALL BE NO BUTT JOINTS IN ANY OF THE PLYWOOD LAYERS.
3. PRIOR TO LAG SCREW INSTALLATION PRE-DRILL HOLES WITH A 1/4" DIAMETER BIT.
4. 10d NAILS SHALL HAVE 1 3/4" MINIMUM PENETRATION INTO LUMBER. PENETRATION MAY BE REDUCED TO 1 1/2" IF QUANTITY OF NAILS IS INCREASED BY 20%.



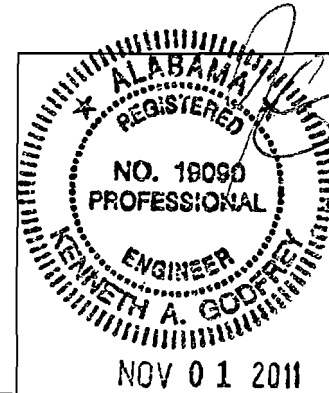
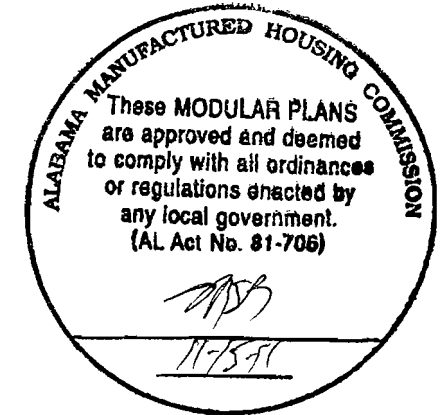
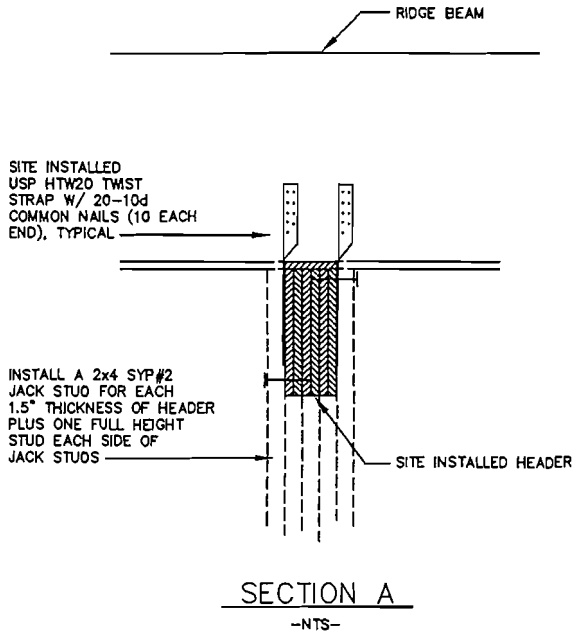
**ALTERNATE COLUMN TO FLOOR FASTENING**

THIS FASTENING MAY BE USED IN LIEU OF THE LSTA STRAPS AND LAG SCREWS SHOWN IN SECTION B ABOVE.

**SECTION B-2**

**SITE INSTALLED HEADER INSTALLATION PROCEDURE:**

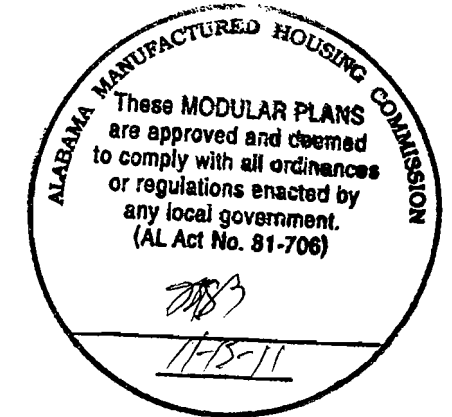
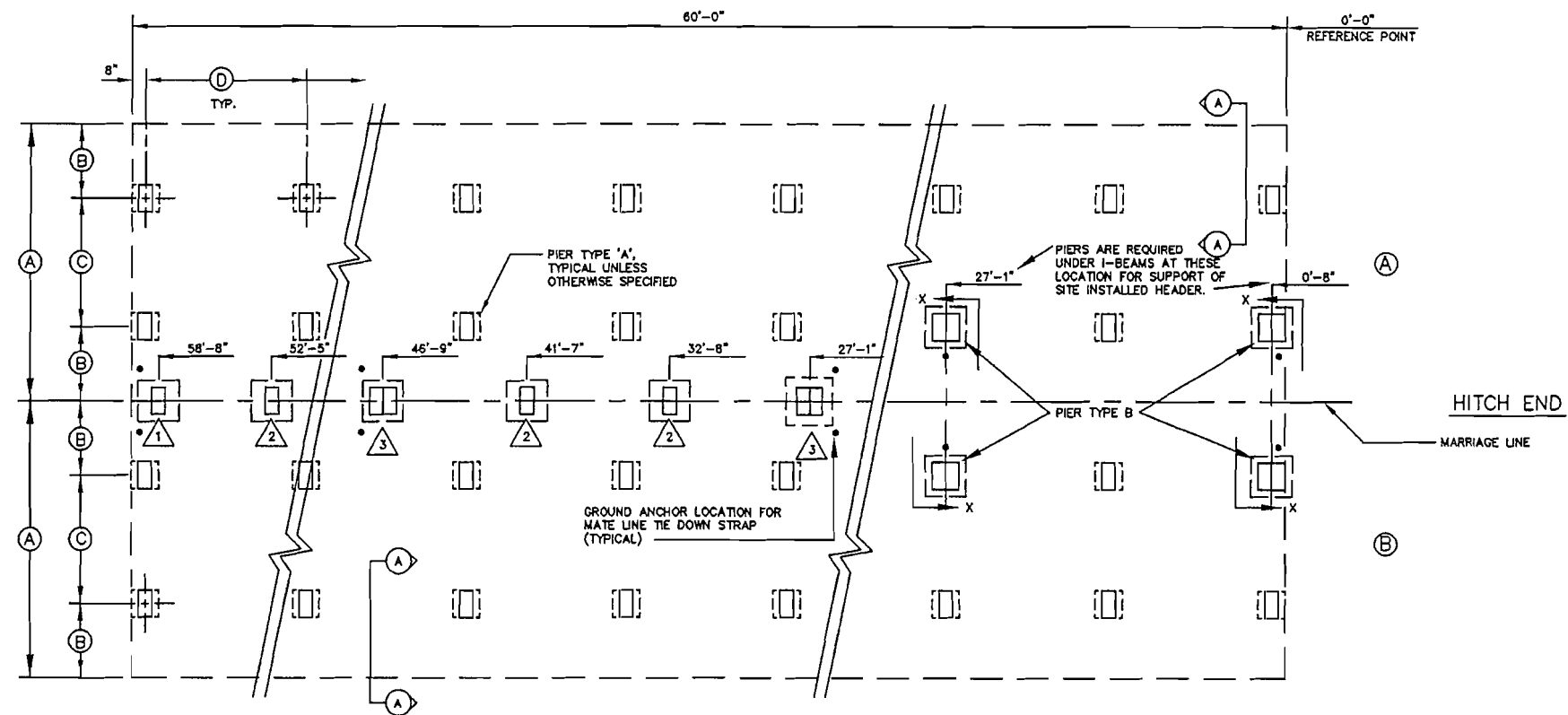
1. PRIOR TO ATTACHING MODULES TOGETHER INSTALL TWIST STRAPS TO RIDGE BEAM AT SPECIFIED HEADER LOCATIONS. SEE SECTION A. DISTANCE BETWEEN STRAPS WILL BE DETERMINED BY HEADER WIDTH. SEE FLOOR PLAN FOR LOCATION OF HEADER(S).
2. MODULES MAY BE ATTACHED TOGETHER.
3. PLACE LSTA STRAPS UNDER BOTTOM PLATE SEGMENT AND ATTACH SEGMENT TO FLOOR JOISTS WITH LAG SCREWS. SEE SECTION B-1. NOTE THAT IF STUDS ARE TO BE INSTALLED IN A WALL, FACTORY SHOULD OMIT BOTTOM PLATE WHERE SITE INSTALLED BOTTOM PLATE SEGMENT IS TO BE PLACED OTHERWISE IT MUST BE REMOVED ON SITE.
4. FASTEN ALL JACK AND FULL LENGTH STUDS TOGETHER WITH 100% PVA GLUE COVERAGE AND 10d NAILS 6" O.C.
5. INSTALL PRE-FABRICATED SITE INSTALLED HEADER IN PLACE AND ATTACH TWIST STRAPS FROM RIDGE BEAM. HEADER SHALL BE SNUG AGAINST RIDGE BEAM OR BEARING STRIP.
6. INSTALL JACK AND FULL LENGTH STUDS IN PLACE AND ATTACH LSTA STRAPS FROM BOTTOM PLATE SEGMENT TO FULL HEIGHT AND JACK STUDS AS APPLICABLE.
7. INSTALL TWIST STRAPS FROM HEADER TO FULL HEIGHT STUDS.
8. APPLY FINISH MATERIALS.



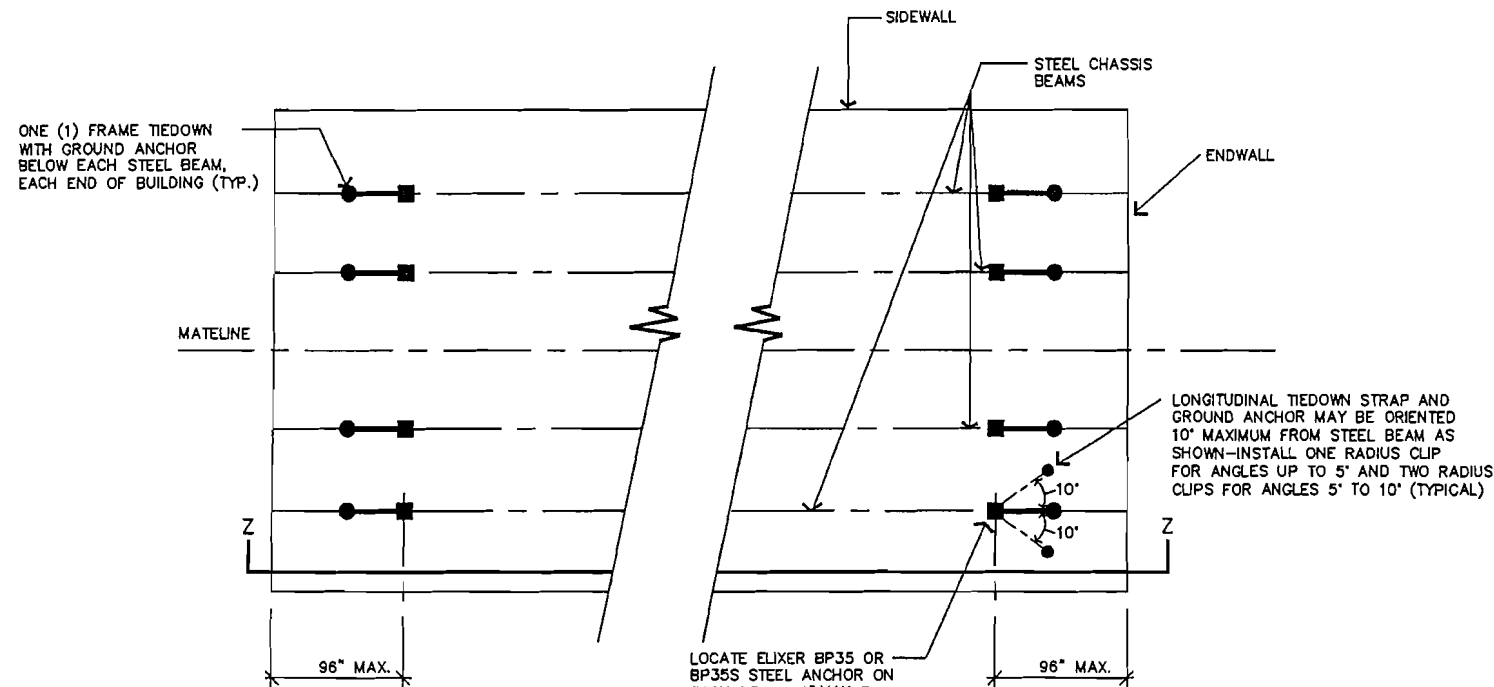
<b>DIAMOND BUILDERS, INC.</b> 440 THOMPSON DR, DOUGLAS GEORGIA 31534 (912)384-7080 FAX: (912)384-5721			
DATE: 10/24/2011	KENNETH A. GODFREY, P.E. CONSULTING ENGINEER 490 RUSTIC BARN TRAIL MORGANTON, GA 30560		
SCALE: NTS	REVISIONS:		
CODES: SEE SUMMARY	BY: KAG.		
LABELS: RADCO, AL	SHEET		
DBI 4879 A/B	24 X 60	BUSINESS	7 OF 7
SITE INSTALLED HEADER DETAILS			KAG. NO. 102011DBI



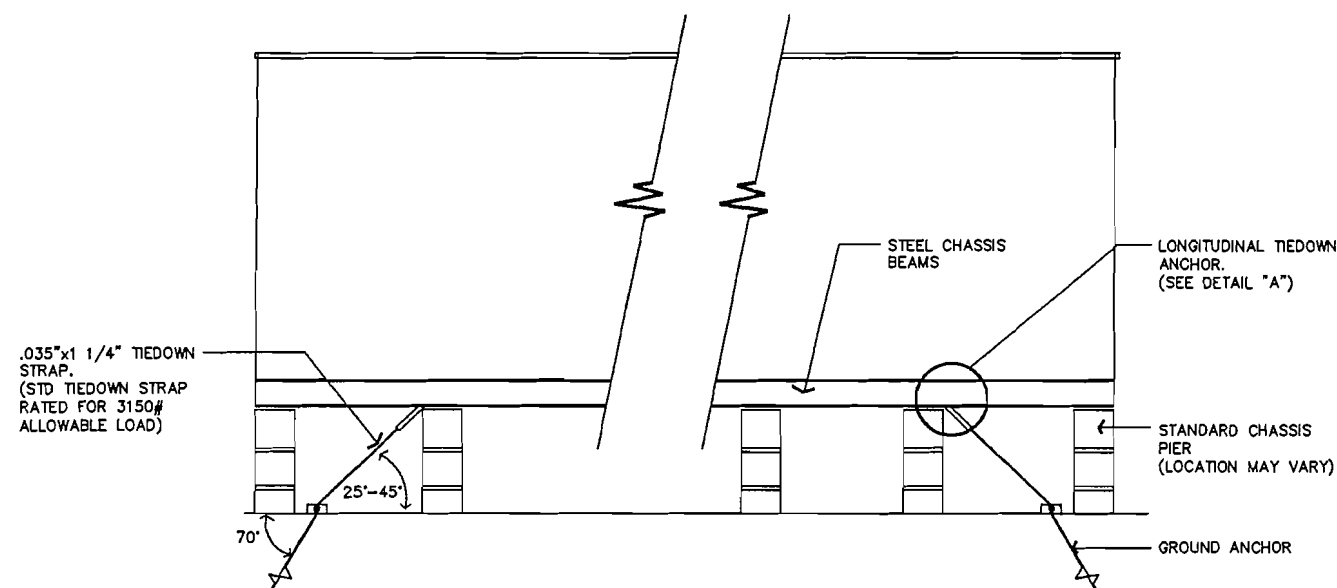




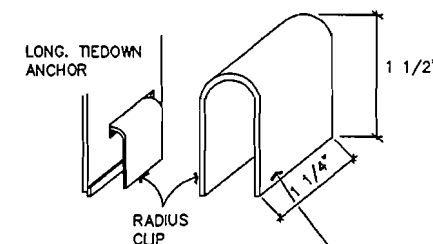
		<b>DIAMOND BUILDERS, INC.</b> 440 THOMPSON DR., DOUGLAS GEORGIA 31534 (912)384-7080 FAX: (912)384-5721	
		DATE: 10/24/2011 SCALE: NTS CODES: SEE SUMMARY LABELS: RADCO, AL	KENNETH A. GODFREY, P.E. CONSULTING ENGINEER 490 RUSTIC BARN TRAIL MORGANTON, GA 30560
DBI 4879 A/B      24 X 60      BUSINESS		FOUNDATION PLAN	KAG. NO. 102011DBI
			SHEET 2 OF 3



PLAN VIEW

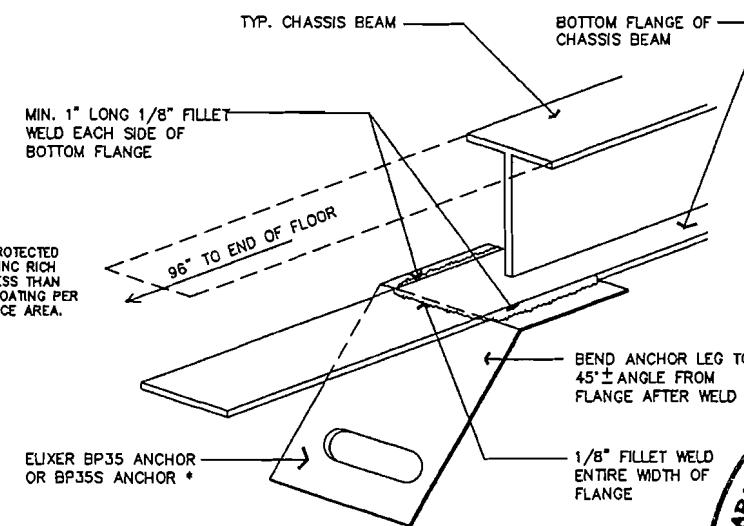


SECTION Z-Z



TIEDOWN RADIUS CLIP

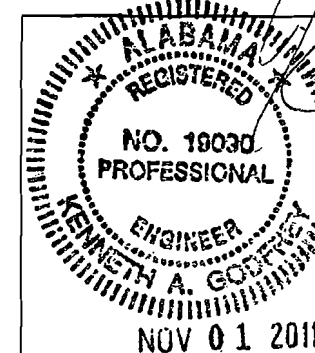
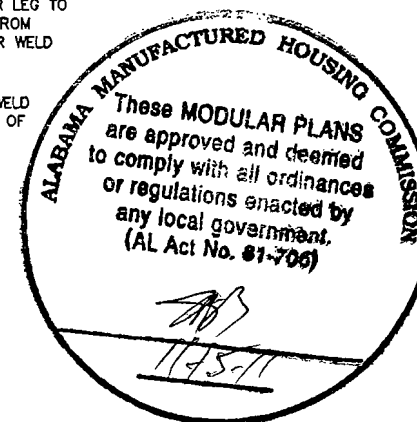
INSTALLER TO FABRICATE RADIUS CLIP BY PLACING STRAIGHT 3" LENGTH OF 1 1/4"x.035" TIEDOWN STRAP IN ANCHOR SLOT AND MANUALLY BENDING THE STRAP TO THE CONFIGURATION SHOWN.



DETAIL A

NOTE: ALL WELDS SHALL BE PROTECTED WITH EXTERIOR GRADE ZINC RICH PAINT PROVIDING NOT LESS THAN 0.30 OUNCES OF ZINC COATING PER SQUARE FOOT OF SURFACE AREA.

\* IN LIEU OF THE ELIXER ANCHOR SPECIFIED ABOVE, "LONGITUDINAL FRAME BEAM CLAMPS" BY TIE DOWN ENGINEERING, INC. MAY BE USED. IF USED, THEY SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH TEST REPORT 99-WH03-TDE BY K2 ENGINEERING, INC. WHEN USED, TWO GROUND ANCHORS AND TIE DOWN STRAPS ARE REQUIRED AT EACH CLAMP LOCATIONS. ONE STRAP SHALL BE INSTALLED ON EACH SIDE OF THE I-BEAM AT EACH CLAMP LOCATION. EACH STRAP SHALL BE OFF SET 10" FROM THE DIRECTION PARALLEL TO THE I-BEAM AS SHOWN IN THE PLAN VIEW ON THIS PAGE.



DIAMOND BUILDERS, INC.  
440 THOMPSON DR., DOUGLAS GEORGIA 31534  
(912)384-7080 FAX: (912)384-5721

DATE: 10/24/2011	KENNETH A. GODFREY, P.E. CONSULTING ENGINEER 490 RUSTIC BARN TRAIL MORGANTON, GA 30560	BY: KAG.
SCALE: NTS	REVISIONS:	SHEET
CODES: SEE SUMMARY		
LABELS: RADCO, AL		
DBI 4879 A/B 24 X 60 BUSINESS		3 OF 3
LONGITUDINAL TIE DOWN	KAG. NO. 102011DBI	