# ARCHITECTURAL DETAIL DRAWINGS

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# Typical Details

## Appendix A: Panel Connections

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<th>Meaning</th>
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<tbody>
<tr>
<td><img src="image1" alt="Symbol" /></td>
<td>Panel Fastener Screw</td>
</tr>
<tr>
<td><img src="image2" alt="Symbol" /></td>
<td>Skin Fastener (1 1/2&quot; Wide Crown Staple or 8d Nail)</td>
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<tr>
<td><img src="image3" alt="Symbol" /></td>
<td>Gasket (1/2&quot;x1/2&quot; or 1&quot;x1&quot;)</td>
</tr>
<tr>
<td><img src="image4" alt="Symbol" /></td>
<td>O.C. (On Center)</td>
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<tr>
<td><img src="image5" alt="Symbol" /></td>
<td>2X Material</td>
</tr>
<tr>
<td><img src="image6" alt="Symbol" /></td>
<td>Factory Foam Edge</td>
</tr>
<tr>
<td><img src="image7" alt="Symbol" /></td>
<td>Factory Supplied Groove Plate</td>
</tr>
<tr>
<td><img src="image8" alt="Symbol" /></td>
<td>Factory Molded Groove</td>
</tr>
<tr>
<td><img src="image9" alt="Symbol" /></td>
<td>Factory Molded in 2X Material</td>
</tr>
<tr>
<td><img src="image10" alt="Symbol" /></td>
<td>Factory Molded Tongue</td>
</tr>
</tbody>
</table>

### Note:
The fastening details shown here are general requirements. See specific panel drawings for any additional or special fastening requirements.
FASTENER 4" O.C. INTERIOR AND EXTERIOR.
8d NAIL OR 1 1/2" 16G WIDE CROWN STAPLE

EXTERIOR

INTERIOR

1/2" x 1/2" GASKET

END VIEW
(TYPICAL STRUCTURAL & TIMBER)
FASTENER 4" O.C. INTERIOR AND EXTERIOR, 8d NAIL OR 1 1/2" 16G WIDE CROWN STAPLE

IF NECESSARY DRILL SMALL HOLE TO IN FILL JOINT WITH CAN FOAM TO ASSURE GOOD SEAL

1/2" X 1/2"

EXTERIOR

INTERIOR

END VIEW
(TYPICAL STRUCTURAL & TIMBER)
TYPICAL DETAILS
WALL PANEL TO PANEL CONNECTION
2X TONGUE

END VIEW
(TYPICAL STRUCTURAL & TIMBER)
TYPICAL DETAILS
VARIOUS RIDGE CONDITIONS

STRUCTURAL

- PANEL SCREW WITH 2" PANEL WASHER @ 16" O.C.
- 1/2" X 1" GASKET

<12/12 PITCH

12/12 PITCH

TIMBER

- PANEL SCREW WITH 2" PANEL WASHER @ 16" O.C.
- 1/2" X 1" GASKET

<12/12 PITCH

12/12 PITCH

NOTES:
- FILL ANY GAPS IN PANEL JOINT WITH FOAM.
- INSTALL RIDGE VENT ON PITCH <12/12.
TYPICAL DETAILS

INTERIOR WALL TO PANEL CONNECTION

THERMOCORE WALL PANEL

GLUE AND SCREW WITH 3"
#10 WOOD SCREWS 8" O.C.

STANDARD INTERIOR WALL FRAMING BY OTHERS

CONTINUOUS FACTORY SUPPLIED BOTTOM GROOVE PLATE FASTENED PER CODE

8
TYPICAL DETAILS

PULLING PANEL JOINTS TIGHT

RATCHET STRAP METHOD

* RATCHET STRAPS AND HOOKS ARE NOT PROVIDED BY THERMOCORE. HOOKS CAN BE FORMED BY USING FLAT STEEL BENT INTO SHAPE. ONE END CUT TO FORM A POINT. FILL ANY SMALL HOLES WITH CAN FOAM.
NOTE:
DRILL THROUGH BAND JOIST TO
ACCESS ELECTRICAL BOX

3/4" VERTICAL CONDUIT FEED
CONTINUOUS SILL PLATE SUPPLIED
WITH PANELS FASTENED PER CODE
1/2" FROM OUTSIDE EDGE OF
SUBFLOOR

4X4 ACCESS BOX

RIM AND FLOOR
JOIST BY OTHERS

TERMITE SHIELD AND
SILL SEALER BY
OTHERS

FOUNDATION WALL
BY OTHERS

NOTE:
TREAT SILL AND FOUNDATION
WITH INSECTICIDE.
TYPICAL STRUCTURAL DETAILS

FIRST FLOOR CONNECTION

FLOOR DECK MOUNT

FASTENER 4" O.C.
INTERIOR AND EXTERIOR. 8d NAIL OR 1 1/2" 16G WIDE CROWN STAPLE

3/4" VERTICAL CONDUIT FEED

CONTINUOUS SILL PLATE SUPPLIED WITH PANELS FASTENED PER CODE 1/2" FROM OUTSIDE EDGE OF SUBFLOOR

1/2"X1/2" GASKET

FLEXIBLE CONDUIT NIPPLE (SITE DRILL & INSTALL)

TERMITE SHIELD BY OTHERS

FOUNDATION WALL BY OTHERS

SILL/SILL SEALER AND SUB FLOOR BY OTHERS

NOTE:
TREAT SILL AND FOUNDATION WITH INSECTICIDE. BOTH SKINS TO BARE ON SUB FLOOR IN STRUCTURAL APPLICATIONS.
REMOVE FOAM TO FIT OVER ANCHOR BOLT

CONTINUOUS SILL PLATE SUPPLIED WITH PANELS FASTENED PER CODE 1/2" FROM OUTSIDE EDGE OF P.T. SILL PLATE

FASTENER 4" O.C. INTERIOR AND EXTERIOR, 8D NAIL OR 1 1/2" 16G WIDE CROWN STAPLE

1/2" X 1/2" GASKET

TERMITE SHIELD

P.T. SILL PLATE (BY OTHERS) RIPPED TO PANEL WIDTH—RIPPED SIDE FACING INTERIOR FASTENED TO SLAB ACCORDING TO CODE.

SILL SEALER BY OTHERS

1/2" ANCH. BOLT ACCORDING TO CODE

NOTE:
TREAT SILL AND FOUNDATION WITH INSECTICIDE.
SECOND FLOOR CONNECTION
PLATFORM FRAMING

1/2" X 1/2" GASKET

FIELD INSTALLED TOP PLATE

CONTINUOUS SILL PLATE SUPPLIED WITH PANELS FASTENED PER CODE 1/2" FROM OUTSIDE EDGE OF SUBFLOOR

FLOOR JOIST AND RIM BOARD BY OTHERS

FIELD INSTALLED TOP PLATE

NOTE:
FIELD INSTALLED TOP PLATE SHALL STAGER OVER PANEL JOINT.

FIELD INSTALLED TOP PLATE FASTEN WITH 16d NAILS (2) 6" O.C. (NOT REQ'D AT WALLS OTHER THAN 4")

FACTORY INSTALLED TOP PLATE

FASTENER 4" O.C. INTERIOR AND EXTERIOR. 8d NAIL OR 1 1/2" 16G WIDE CROWN STAPLE
SECOND FLOOR CONNECTION

TOP MOUNT FLOOR JOIST HANGER

- FASTENER 4" O.C.
  - INTERIOR AND EXTERIOR
  - 8d NAIL OR 1 1/2" 16G WIDE CROWN STAPLE

- 1/2" X 1/2" GASKET

- FACTORY INSTALLED TOP PLATE

- NAIL FLOOR PLATE TO SHEATHING EVERY 12" WITH 16d NAIL'S

- EXTEND SHEATHING TO EXT. FACE OF PANEL ATTACH TO TOP PLATE USING 2 EA-1/4" BEAD OF CONSTRUCTION ADHESIVE AND 1 1/2" # 8 DRYWALL SCREW'S 16" O.C. (OR EQUIVALENT)

- TOP MOUNT FLOOR JOIST HANGERS BY OTHERS

NOTE:
ATTACH JOIST HANGER'S PER MANUFACTURERS RECOMMENDATION'S
FLOOR SHEATHING SHALL BE ATTACHED TO LEDGER WITH A SINGLE 1/4" DIA. BEAD OF CONSTRUCTION ADHESIVE AND SCREWED USING 2" DECK SCREWS EVERY 6"

4X4 ELECT. ACCESS BOX CENTERED IN MOLDED IN NAILER

FACTORY MOLDED 2X NAILER

LEDGER SHALL BE GLUED AND SCREWED Glue: Construction Adhesive, 1/4" DIA. BEADS SPACED 2" APART. SCREW: #10 CABINET SCREWS X 3 1/2" LONG USING 6" ALTERNATING PATTERN

1/2"X1/2" GASKET
NOTE:
ALL JOIST HANGER FASTENERS MUST PENETRATE 1 1/2" PAST OSB SKINS. FOLLOW ALL MANUFACTURERS RECOMMENDATIONS FOR FASTENING JOISTS AND JOIST HANGERS.
PANEL FASTENER 16" ON CENTER START 2" FROM TOP

FILL GAP WITH CAN FOAM

1/2" X 1/2" GASKET

MOLDED IN 2X PLATE
TYPICAL WALL SECTION

NOTE:
FIELD INSTALLED TOP PLATE SHALL STAGER OVER PANEL JOINT.

FIELD INSTALLED TOP PLATE. FASTEN WITH 16d NAILS (2) 6" O.C. (NOT REQ'D AT WALLS OTHER THAN 4")
TYPICAL STRUCTURAL DETAILS

TOP PLATE CONNECTION @ CORNER

SECTION

PANEL SCREW 16" ON CENTER

FILL GAP WITH CAN FOAM

1/2" X 1/2" GASKET

PLAN

NAIL TOP PLATE TO 2X MOLDED IN PANEL WITH 16D NAILS (3)
Panel screw with 2" panel washer @ 16" O.C. into top plate of wall.

Thermocore roof panel typical.

Factory molded 2x material.

Fill any gap with can foam.

1/2"x1/2" gasket.

Factory molded in top plate.

Thermocore wall panel typical.
TYPICAL STRUCTURAL DETAILS

WALL TO ROOF CONNECTION, EAVE

PANEL SCREW WITH 2" PANEL WASHER @ 16" O.C. INTO TOP PLATE OF WALL

THERMOCORE ROOF PANEL TYPICAL

FACTORY MOLDED 2X MATERIAL

1/2" X 1/2" GASKET

FACTORY MOLDED IN TOP PLATE

THERMOCORE WALL PANEL TYPICAL

FILL ANY GAP WITH CAN FOAM
NOTE:
BE SURE ALL PANEL SCREWS PENETRATE NAILERS

PANEL SCREW WITH
2" PANEL WASHER @
16" O.C. ALONG
NAILER

DORMER RIDGE
OR SHED ROOF

FILL ANY GAP
WITH CAN FOAM

MAIN ROOF

2X NAILER

1/2" X 1" GASKET
TYPICAL STRUCTURAL DETAILS

RIDGE (LESS THAN 12/12 ROOF SLOPE)

PANEL SCREW WITH 2"
PANEL WASHER @ 16"
O.C.

RIDGE VENT

FACTORY MOLDED 2X

2-BEAD'S 1/4"
CONSTRUCTION ADHESIVE.

1/2"X 1" GASKET

*RIDGE BEAM REQUIRED PER ENGINEERS SPECIFICATIONS, BY OTHERS

<12/12 PITCH

NOTE:
STRUCTURAL SUPPORT MEMBERS MAX. OF 6'-0'
FROM CENTER OF RIDGE SUPPORT MEMBERS RUN PARALLEL TO RIDGE.
RIDGE (12/12 ROOF SLOPE)

Panel Screw with 2" panel washer @ 16" O.C.

Factory molded 2x flush with panel.

Bead can foam as needed.

1/2" x 1" gasket

Roof panel typical

*Ridge beam required per engineers specifications, by others.

12/12 pitch

Note:
Structural support members max. of 6'-0' from center of ridge support members run parallel to ridge.
NOTE:
Panel must bare 3" min. on support beam.
TYPICAL STRUCTURAL DETAILS

WALL AT ROOF TRUSS

PRE-ENGINEERED ROOF TRUSSES, BY OTHERS

CONNECTION OF ROOF TRUSSES TO PANELS AS DESIGNED BY OTHERS

FIELD INSTALLED TOP PLATE. FASTEN WITH 16d NAILS (2) 6" O.C. (NOT REQ'D AT WALLS OTHER THAN 4")

FACTORY MOLDED IN TOP PLATE

THERMOCORE WALL PANEL TYPICAL
TOP VIEW

OUTSIDE OSB SKIN

INSIDE

MOLDED IN 2X

OUTSIDE OSB SKIN

MOLDED IN 2X

CONTINUOUS FACTORY SUPPLIED BOTTOM PLATE FASTENED WITH 16d NAILS AT 16" O.C. INTO FLOOR JOIST.
NOTE:
BEAMS MAY PASS THROUGH PANEL.
BEAM SIZE AND FASTENING TO BE
DETERMINED BY OTHERS

CONTINUOUS FACTORY
SUPPLIED BOTTOM PLATE
FASTENED WITH 16d NAILS AT
16" O.C. INTO FLOOR JOIST.
TYPICAL STRUCTURAL DETAILS S-20
OPENING WITH HEADER

A
LUMBER HEADER

B
CRIPPLES

GROOVE FOR SILL PLATE, SEE FIRST FLOOR CONNECTION DETAILS

DETAIL A
TOP PLATE TO MATCH ROOF SLOPE

DETAIL B
1/2"X1/2" GASKET
CRIPPLES

INTERIOR
EXTERIOR

NAIL 2X TO FACE OF CRIPPLE TO CREATE TONGUE THAT INSERTS INTO GROOVE OF PANEL SECTION BELOW WINDOW OPENING
FACTORY MOLDED IN 4X4 OR 4X6 AS DESIGNED BY OTHERS

FACTORY MOLDED IN R.O.

FACTORY MOLDED IN GROOVE

FOUNDATION STRAPPING PER LOCAL CODE STRAPPING BY OTHERS

NOTE:
~ATTACHED TO FOUNDATION PER LOCAL CODE.
~SHEAR WALLS ARE DESIGNED AND LOCATED BY OTHERS
TYPICAL HEADER DETAIL

@ 6½" WALL

@ 4" WALL
ROOF PANEL TO PANEL CONNECTION

2X TONGUE

1/2"x1/2" GASKET

FASTENER 4" O.C. INTERIOR AND EXTERIOR.
8d NAIL OR 1 1/2" 16G WIDE CROWN STAPLE

1/2"x1/2" GASKET

END VIEW
(TYPICAL STRUCTURAL & TIMBER)
TYPICAL TIMBERFRAME DETAILS
FIRST FLOOR CONNECTION
FLOOR DECK MOUNT

5/8" X 2" DRYWALL SPACER (OPTIONAL) BY OTHERS

3/4" VERTICAL CONDUIT FEED

CONTINUOUS SILL PLATE SUPPLIED WITH PANELS FASTENED PER CODE 1/2" FROM OUTSIDE EDGE OF SUBFLOOR

FASTENER 4" O.C. INTERIOR AND EXTERIOR. 8D NAIL OR 1 1/2" 16G WIDE CROWN STAPLE.

1/2" X 1/2" GASKET

FLEXIBLE CONDUIT NIPPLE (SITE DRILL & INSTALL)

TERMITE SHIELD BY OTHERS

SILL/SILL SEALER AND SUB FLOOR BY OTHERS

FOUNDATION WALL BY OTHERS

NOTE:
TREAT SILL AND FOUNDATION WITH INSECTICIDE.
NOTE:
DRILL THROUGH BAND JOIST TO ACCES ELECTRICAL BOX

5/8" X 2" DRYWALL SPACER (OPTIONAL) BY OTHERS
3/4" VERTICAL CONDUIT FEED

4X4 ACCESS BOX
RIM AND FLOOR JOIST BY OTHERS
TERMITE SHIELD AND SILL SEALER BY OTHERS
FOUNDATION WALL BY OTHERS

NOTE:
TREAT SILL AND FOUNDATION WITH INSECTICIDE.
TYPICAL TIMBERFRAME DETAILS

INSIDE WALL CORNER CONNECTION

PLAN VIEW AT INSIDE CORNER

SECTION VIEW A

THERMOCORE WALL PANEL

MOLDED IN 2X SUPPLIED BY FACTORY

DRYWALL SPACE

PANEL FASTENER 16" O/C START 2" FROM TOP OF PANEL

THERMOCORE WALL PANEL

PANEL FASTENER 16" O/C

5/8"X2" DRYWALL SPACER (OPTIONAL) BY OTHERS
NOTE:
For panel's over 2x interior finish material use 10" panel screw
TYPICAL TIMBERFRAME DETAILS
VALLEY CONDITION

PANEL SCREW WITH
2" PANEL WASHER
@ 16" O.C. INTO
TIMBER FOR BOTH
PANEL'S.

THERMOCORE
ROOF PANEL

INTERIOR FINISH (TYP.)
BY OTHERS

BEAD OF CAN FOAM
PRIOR TO INSTALL.

VALLEY RAFTER BY
OTHERS

1/2"X 1" GASKET

NOTE:
FOR PANEL'S OVER 2X INTERIOR FINISH
MATERIAL USE 10" PANEL SCREW
<12/12 PITCH

NOTE:
For panel's over 2x interior finish material use 10" panel screw
NOTE:
NOTIFY THERMOCORE FOR PANEL'S OVER 2X INTERIOR FINISH MATERIAL, A LONGER PANEL SCREW IS REQ'D
NOTE:
ALL COLD ROOF APPLICATION SHALL BE FIELD INSTALLED BY OTHERS.

SECTION A

ROOF SHEATHING
2X2 @ 24" O.C.

SECTION B

2X @ 24" O.C.
FACTORY SQUARE 2X EAVE

NOTE:
ALL COLD ROOF APPLICATION SHALL BE FIELD INSTALLED BY OTHERS.
FACTORY PLUMB EAVE

NOTE:
ALL COLD ROOF APPLICATION SHALL BE FIELD INSTALLED BY OTHERS.
RAFTER SYSTEM
Panels supported by rafters spanning from the ridge beam to the eave walls.

RIDGE BEAM SYSTEM
Panels supported by the ridge beam and the eave walls.

TRUSS SYSTEM
Panels supported by roof trusses.
TYPICAL STEEL DETAILS

PANEL CONNECTION TO STEEL I JOIST

STEEL DRILL POINT PANEL SCREW W/ 2" PANEL WASHER @ 16" O.C. TO PENETRATE STEEL FLANGE OF BAR JOIST

THERMOCORE INSULATED ROOF PANEL

STRUCTURAL STEEL BAR JOIST

PANELS APPLIED TO STEEL I JOIST WITH 3/16" THICK AND LESS STEEL FLANGE

PANEL SCREW W/ 2"
PANEL WASHER @ 16"
O.C. INTO 2X SLEEPER

THERMOCORE INSULATED ROOF PANEL

2X NAILER ON BAR JOIST BY OTHERS

STRUCTURAL STEEL BAR JOIST

PANELS APPLIED TO STEEL I JOIST WITH STEEL FLANGE GREATER THEN 3/16"
TYPICAL STEEL DETAILS

PANEL CONNECTION TO STEEL I JOIST

FLAT OR SLOPE ROOF OPTIONS

Thermocore Roof Panel

Structural Roof Support by Others, Consult Thermocore Span Tables for Spacing

Thermocore Roof Panel

Structural Roof Support by Others, Consult Thermocore Span Tables for Spacing
TYPICAL STEEL DETAILS
PANEL CONNECTION TO STEEL GIRT

*PANELS APPLIED TO STEEL GIRT WITH 3/16" THICK OR LESS STEEL FLANGE

*PANELS APPLIED TO STEEL GIRT WITH STEEL FLANGE GREATER THAN 3/16"
TYPICAL STEEL DETAILS

PANEL CONNECTION TO STEEL

GIRT WITH 2X NAILER

- STRUCTURAL STEEL GIRT BY OTHERS MIN. 8' O.C.
- 2X NAILER ON BAR JOIST BY OTHERS
- THERMOCORE WALL PANEL
- 2X NAILER ON BAR JOIST BY OTHERS
- STRUCTURAL STEEL I BEAM
PANEL FASTENED DIRECTLY TO STEEL GIRT

PANEL CAN MOUNT DIRECTLY TO STEEL 3/16" OR LESS IN THICKNESS.

STRUCTURAL STEEL GIRT BY OTHERS MIN. 8' O.C.

THERMOCORE WALL PANEL

STRUCTURAL STEEL I BEAM
TYPICAL STEEL DETAILS

PANEL CONNECTION TO SLAB

WITH 2X NAILERS

1 1/2" SPACE FOR 2X NAILER FOR STEEL GREATER THAN 3/16"

FASTENER 4" O.C. INTERIOR AND EXTERIOR. 8d NAIL OR 1 1/2" 16G WIDE CROWN STAPLE

CONTINUOUS FACTORY BOTTOM PLATE FASTENED PER CODE.

1/2" X 1/2" GASKET

P.T. SILL PLATE (BY OTHERS) RIPPED TO PANEL WIDTH- RIPpeed SIDE FACING INTERIOR FASTENED TO SLAB ACCORDING TO CODE.

1/2" ANCH. BOLT ACCORDING TO CODE

FOUNDATION DESIGN PER LOCAL CODE, BY OTHERS

NOTE:
TREAT SILL AND FOUNDATION WITH INSECTICIDE.
TYPICAL STEEL DETAILS

PANEL CONNECTION TO SLAB

NO 2X NAILERS

Panel can mount directly to steel if steel is 3/16" & less.

Continuous factory bottom plate fastened per code.

1 1/2" x 1 1/2" gasket.

P.T. sill plate (by others) ripped to panel width; ripped side facing interior fastened to slab according to code.

1 1/2" anch. bolt according to code.

Foundation design per local code, by others.

Note: Treat sill and foundation with insecticide.
THROUGH HOLE METHOD

PINNED STRAP

* ROOF

ROOF - EAVE OVERHANG

ROOF - RIDGE
PINNED HOOK METHOD

CURVED LOCKING PIN

BLIND METHOD

SLOT PATTERN:
CUT SLOTS BY DRILLING 3 EACH 1" DIA. HOLES IN A ROW
TYPICAL DETAILS

APPENDIX B-3 – FLYING WALL PANEL

IF WINDOWS WEAKEN PANEL TOO MUCH FOR INITIAL CRANE LIFT, SCREW 2X STRONGBACKS® TO OUTER FACE OF PANEL

STRAP TO CRANE

2X BLOCKING

PANEL PIVOTS ALONG EDGE, USE 2X BLOCKING

TENSION IN BOTTOM SKIN (BAD)

BOW

COMPRESSION IN BOTTOM SKIN (GOOD)

2/3 LENGTH

L 2/3 L
ADD STRAPS TO ADJUST PITCH AS REQUIRED BETWEEN THESE POINTS AND CRANE HOOK.

BLIND HOOKS

2\(\frac{1}{3}\)" L

PINNED STRAP

OFFSET PIN SO IT FALLS OUT WHEN STRAP IS LOOSENED

RIDGEB

BLIND HOOKS

PINNED STRAP

EAVE OVERHANG
TYPICAL DETAILS

APPENDIX C-1 SOFFIT DETAIL

OPTION A – PLUMB EAVE (OPTIONAL)

- Roof Panel
- 1x8 T&G Knotty Pine
- Gasket
- Plumb 2x Installed in Plant
- 1x8 Cedar Gutter BD.
- 1/2" Field Applied Angled Soffit
- 1x6 Trim Block
- Field Applied Siding
- Wall Panel

- Oak Rafter
- 8x10 Oak Post
- 6x8 Oak
TYPICAL DETAILS

APPENDIX C-2 SOFFIT DETAIL

OPTION B – SQUARE EAVE (STANDARD)

ROOF PANEL
1X8 T&G KNOTTY PINE GASKET
SQUARE 2X INSTALLED IN PLANT
1X8 CEDAR GUTTER BD.
1/2” FIELD APPLIED ANGLED SOFFIT
1X6 TRIM BLOCK
FIELD APPLIED SIDING
WALL PANEL

OAK RAFTER
OAK POST
6X8 OAK
TYPICAL ELECTRICAL DETAILS

FACTORY INSTALLED ELECTRICAL OPTIONS

EXAMPLE PANEL DRAWING
SHOWING COMMON BOX PLACEMENT

INTERIOR BOX
(SWITCH HGT.)

EXTERIOR ROUND BOX
(LIGHT)

CONDUIT
(TO LIGHT IN CEILING)

INTERIOR BOX
(COUNTERTOP HGT.)

INTERIOR OUTLET BOX

INTERIOR BOX
(PH/CATV)

EXTERIOR OUTLET BOX

INTERIOR BOX
(SWITCH HGT.)

STANDARD HEIGHTS

1'-2" OUT 1'-2"

OUTLET BOX

3'-10"

SWITCH/COUNTERTOP BOX

1'-0"

DOOR

6'-0"

EXTERIOR ENTRY LIGHT

6'-0"

INTERIOR WALL SCONCE

TYPICAL ELECTRIC SYMBOLS

4x4 SQUARE BOX
(OPTION/SWITCH)

ROUN BOX
(LIGHT)

\square \text{ INTERIOR}

\circ \text{ EXTERIOR}

CONDUIT - 3/4" PVC
(ROUTES WIRE THROUGH PANEL)

ROUND BOX W/ BLOCKING FOR
HEAVY FIXTURES 50lb MAX
(ROOF PANEL ONLY, THERMOCORE MUST BE
NOTIFIED WHEN THIS CONDITION APPLIES IN
EACH SITUATION)

*ALL BOXES ARE 4X4 WHICH CAN BE 1 OR 2 GANG

*BOXES ARE RATED TO CARRY 50lbs
THERMOCORE ONLY INSTALLS 4X4, DOUBLE GANG BOXES FOR SWITCHES AND OUTLETS. WHERE A 3 OR 4 GANG BOX IS NEEDED WE WILL INSTALL (2) 4X4 BOXES. THEY CAN BE CUT OUT IN THE FIELD AND REPLACED WITH THE DESIRED BOX. SIMPLY RUN A RECIPROCATING SAW ALONG THE OUTSIDE EDGES OF THE BOXES TO REMOVE THEM. RUN WIRE BEFORE INSTALLING BOX SO AS THE BOX IS INSTALLED THE WIRE CAN BE FED INTO THE NEW BOX. CAN FOAM AROUND NEW BOX AS NEEDED.
DRILL THRU FLOOR SHEATHING AND TOP PLATE OF FIRST FLOOR PANEL INTO ELECTRICAL BOX BEFORE SITTING 2ND FLOOR PANELS.