

### EXTERIOR BRACED WALL PANEL (CONDITION 1)

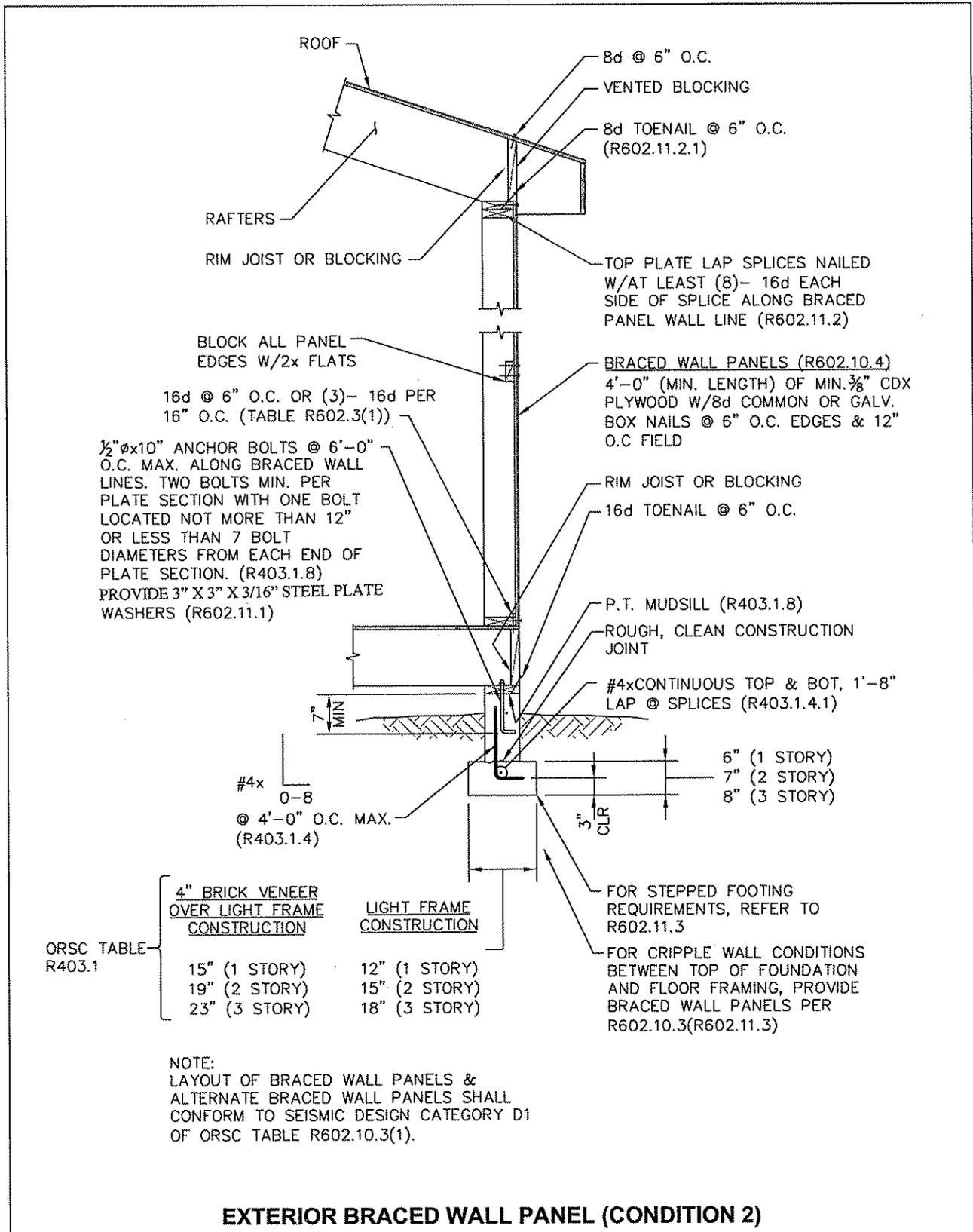
This construction detail is accepted as meeting the minimum standard of construction as based upon the 2008 Oregon Residential Specialty Code (ORSC) requirements



DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

BUILDING CODES DIVISION

|                |              |         |          |
|----------------|--------------|---------|----------|
| FILE NAME      | 20644-SK-2   | DATE    | 03/20/06 |
| DRAWING SCALE  | 1/2" = 1'-0" | DWG NO. | SK-2     |
| CODE REFERENCE | R602.10      |         |          |



### EXTERIOR BRACED WALL PANEL (CONDITION 2)

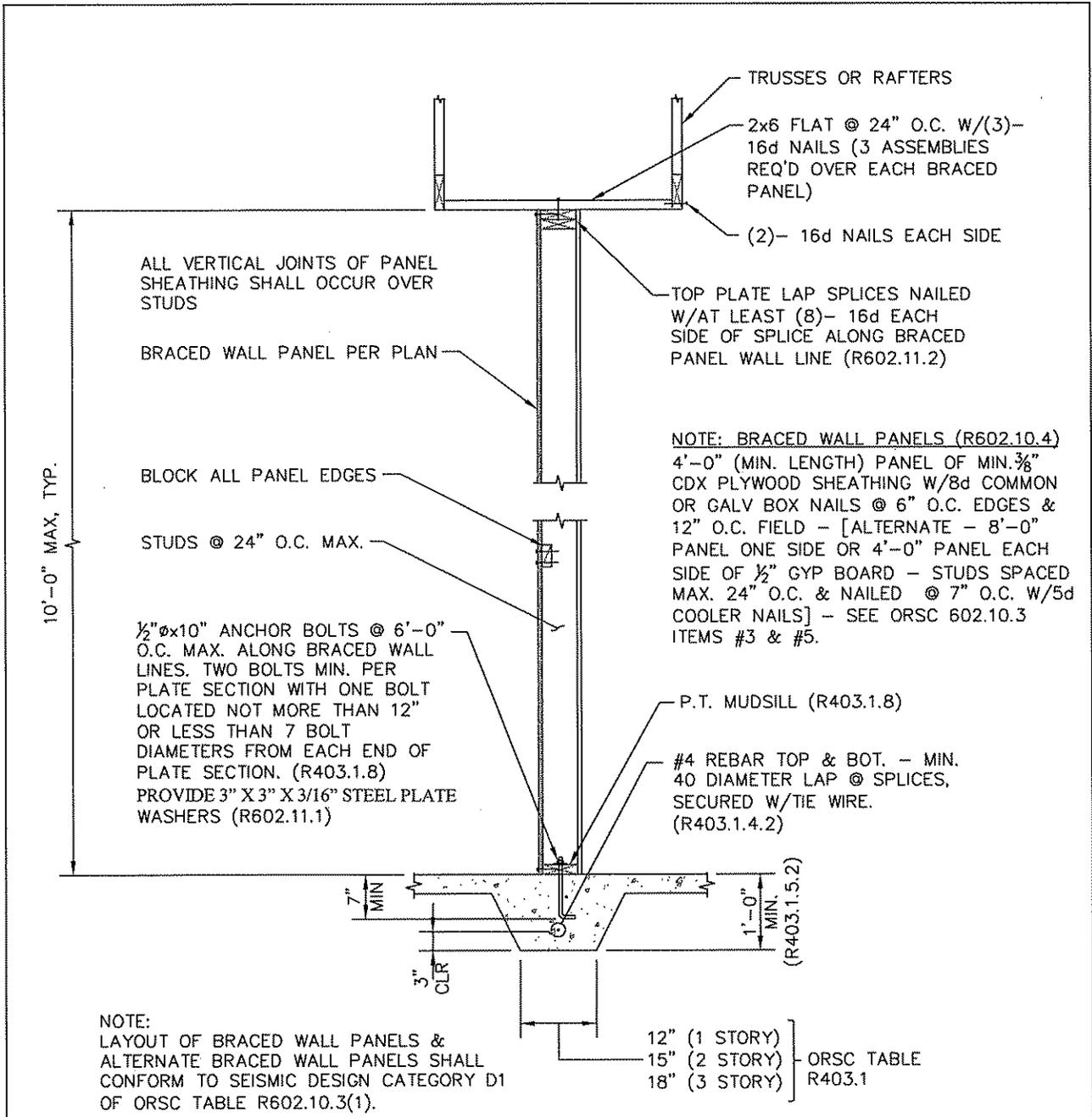
This construction detail is accepted as meeting the minimum standard of construction as based upon the 2008 Oregon Residential Specialty Code (ORSC) requirements



DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

BUILDING CODES DIVISION

|                |              |         |          |
|----------------|--------------|---------|----------|
| FILE NAME      | 20644-SK-3   | DATE    | 03/20/06 |
| DRAWING SCALE  | 1/2" = 1'-0" | DWG NO. | SK-3     |
| CODE REFERENCE | R602.10      |         |          |



**INTERIOR BRACED WALL PANELS WITH FOOTING  
(WITH JOISTS OR RAFTERS PARALLEL TO PANELS) (CONDITION 1)**

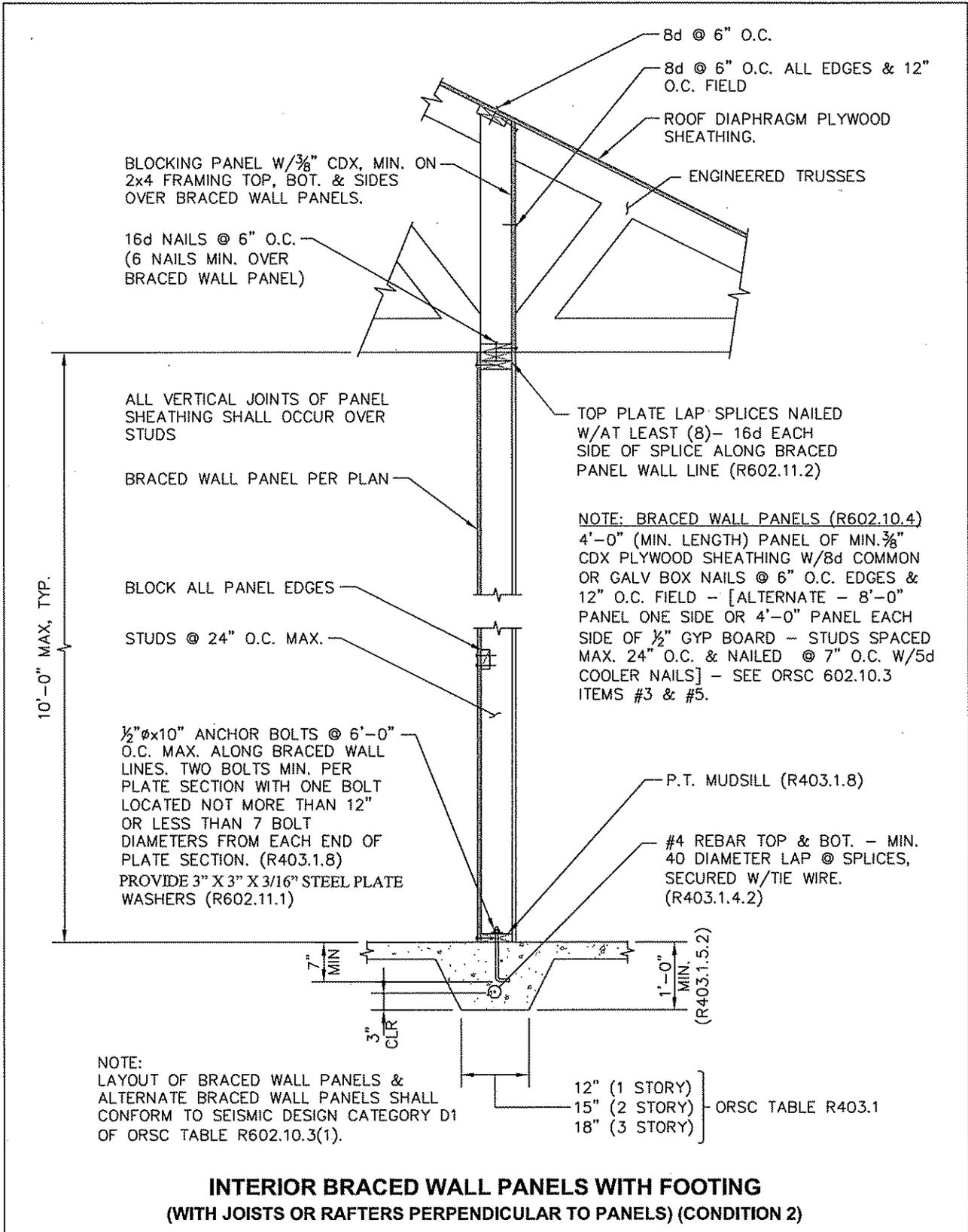
This construction detail is accepted as meeting the minimum standard of construction as based upon the 2008 Oregon Residential Specialty Code (ORSC) requirements



DEPARTMENT OF  
TRANSPORTATION AND DEVELOPMENT

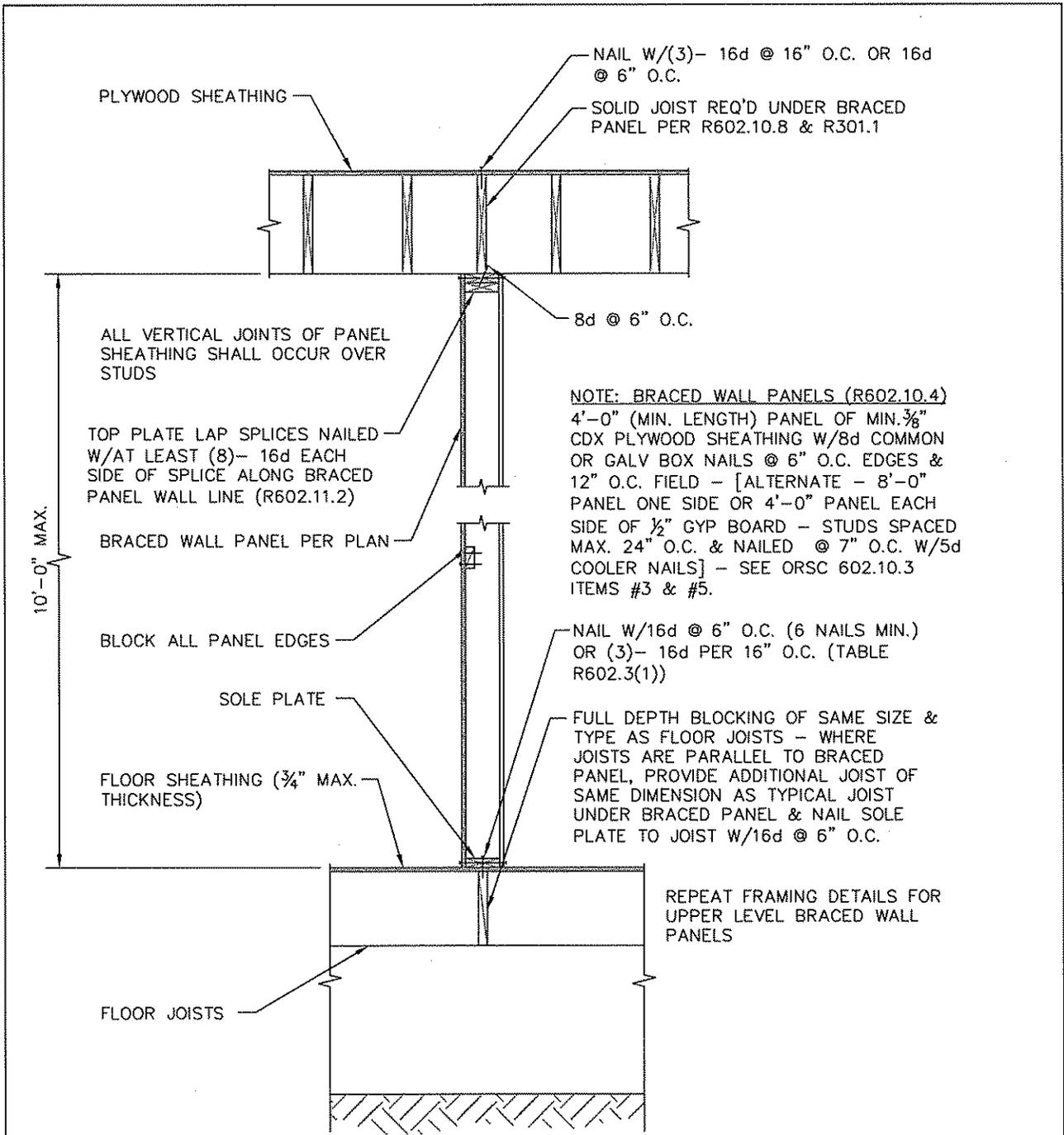
BUILDING CODES DIVISION

|                |              |         |          |
|----------------|--------------|---------|----------|
| FILE NAME      | 20644-SK-4   | DATE    | 03/20/06 |
| DRAWING SCALE  | 1/2" = 1'-0" | DWG NO. | SK-4     |
| CODE REFERENCE | R602.10      |         |          |



This construction detail is accepted as meeting the minimum standard of construction as based upon the 2008 Oregon Residential Specialty Code (ORSC) requirements

|  |   |                               |                  |
|--|---|-------------------------------|------------------|
|  | DEPARTMENT OF<br>TRANSPORTATION AND DEVELOPMENT | FILE NAME<br>20644-SK-5       | DATE<br>03/20/06 |
|  | BUILDING CODES DIVISION                         | DRAWING SCALE<br>1/2" = 1'-0" | DWG NO.<br>SK-5  |
|  |   | CODE REFERENCE<br>R602.10     |                  |



10'-0" MAX.

ALL VERTICAL JOINTS OF PANEL SHEATHING SHALL OCCUR OVER STUDS

TOP PLATE LAP SPLICES NAILED W/AT LEAST (8)- 16d EACH SIDE OF SPLICE ALONG BRACED PANEL WALL LINE (R602.11.2)

BRACED WALL PANEL PER PLAN

BLOCK ALL PANEL EDGES

SOLE PLATE

FLOOR SHEATHING (3/4" MAX. THICKNESS)

NAIL W/(3)- 16d @ 16" O.C. OR 16d @ 6" O.C.

SOLID JOIST REQ'D UNDER BRACED PANEL PER R602.10.8 & R301.1

8d @ 6" O.C.

NOTE: BRACED WALL PANELS (R602.10.4) 4'-0" (MIN. LENGTH) PANEL OF MIN. 3/8" CDX PLYWOOD SHEATHING W/8d COMMON OR GALV BOX NAILS @ 6" O.C. EDGES & 12" O.C. FIELD - [ALTERNATE - 8'-0" PANEL ONE SIDE OR 4'-0" PANEL EACH SIDE OF 1/2" GYP BOARD - STUDS SPACED MAX. 24" O.C. & NAILED @ 7" O.C. W/5d COOLER NAILS] - SEE ORSC 602.10.3 ITEMS #3 & #5.

NAIL W/16d @ 6" O.C. (6 NAILS MIN.) OR (3)- 16d PER 16" O.C. (TABLE R602.3(1))

FULL DEPTH BLOCKING OF SAME SIZE & TYPE AS FLOOR JOISTS - WHERE JOISTS ARE PARALLEL TO BRACED PANEL, PROVIDE ADDITIONAL JOIST OF SAME DIMENSION AS TYPICAL JOIST UNDER BRACED PANEL & NAIL SOLE PLATE TO JOIST W/16d @ 6" O.C.

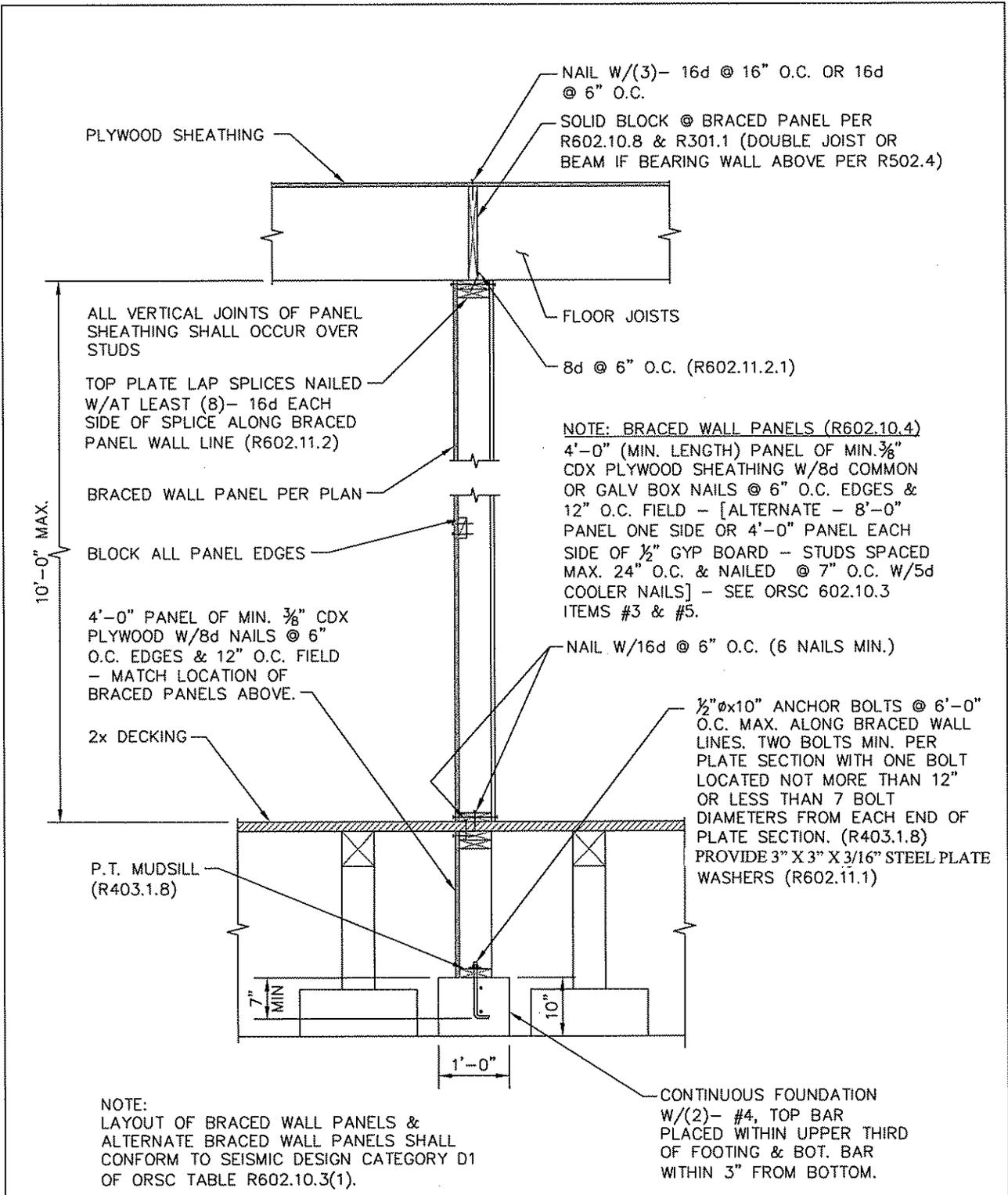
REPEAT FRAMING DETAILS FOR UPPER LEVEL BRACED WALL PANELS

NOTE:  
LAYOUT OF BRACED WALL PANELS & ALTERNATE BRACED WALL PANELS SHALL CONFORM TO SEISMIC DESIGN CATEGORY D1 OF ORSC TABLE R602.10.3(1).

**INTERIOR BRACED WALL PANELS  
(WITH UPPER FLOOR JOISTS PARALLEL TO PANELS) (CONDITION 3)**

This construction detail is accepted as meeting the minimum standard of construction as based upon the 2008 Oregon Residential Specialty Code (ORSC) requirements

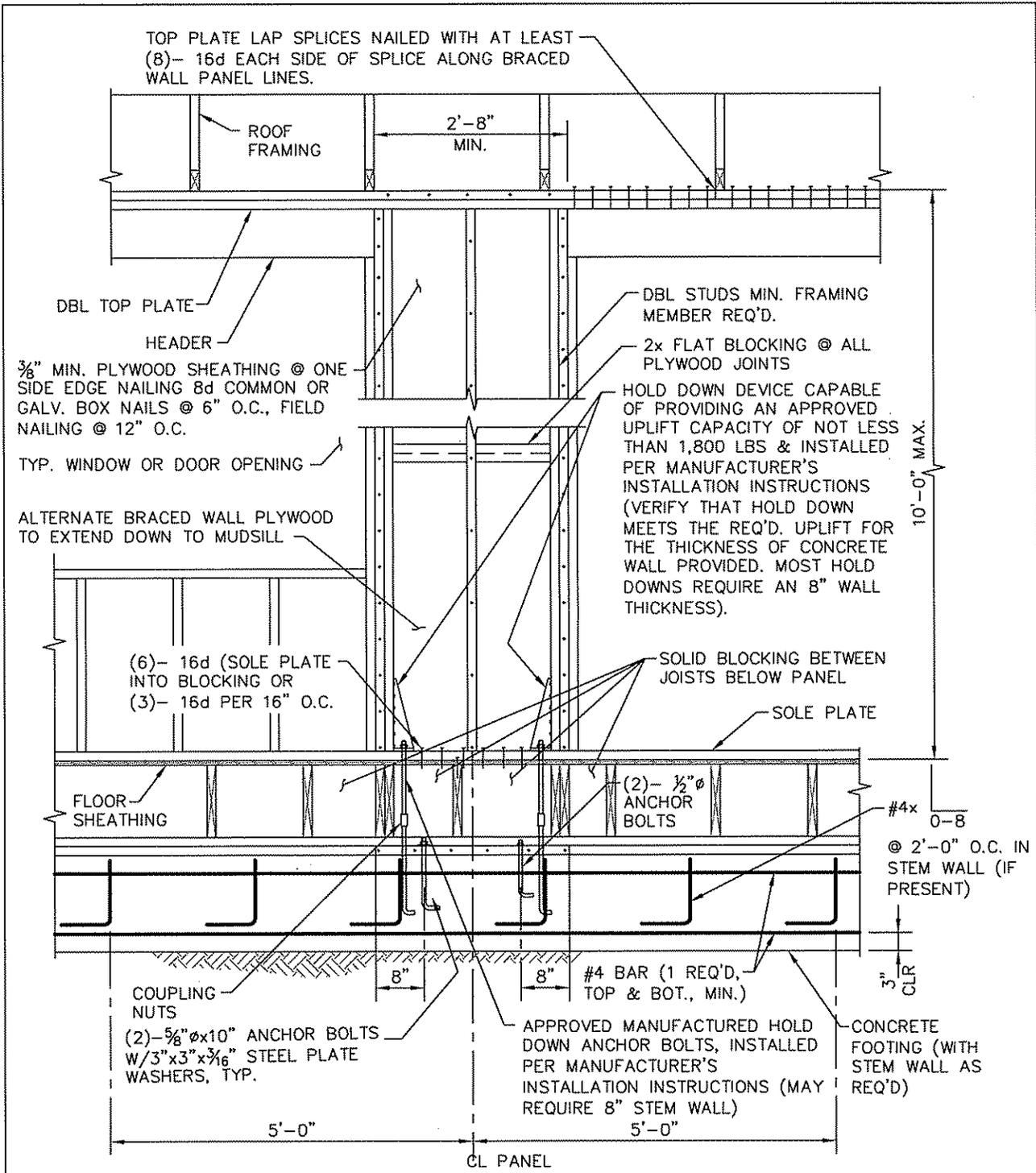
|   |  |                               |                  |
|---|--|-------------------------------|------------------|
|  | DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT | FILE NAME<br>20644-SK-6       | DATE<br>03/20/06 |
|   | BUILDING CODES DIVISION                      | DRAWING SCALE<br>1/2" = 1'-0" | DWG NO.<br>SK-6  |
|   |  | CODE REFERENCE<br>R602.10     |                  |



**INTERIOR BRACED WALL PANELS  
(POST AND BEAM CONDITION) (CONDITION 4)**

This construction detail is accepted as meeting the minimum standard of construction as based upon the 2008 Oregon Residential Specialty Code (ORSC) requirements

|   |  |                               |                  |
|---|--|-------------------------------|------------------|
|  | DEPARTMENT OF<br><b>TRANSPORTATION AND DEVELOPMENT</b> | FILE NAME<br>20644-SK-7       | DATE<br>03/20/06 |
|   | <b>BUILDING CODES DIVISION</b>                         | DRAWING SCALE<br>1/2" = 1'-0" | DWG NO.<br>SK-7  |
|   |  | CODE REFERENCE<br>R602.10     |                  |



EACH ALTERNATE BRACED PANEL MAY REPLACE EACH 4'-0" LENGTH OF BRACED PANEL.

### 1 STORY 2'-8" RAISED FLOOR ALTERNATE BRACED WALL PANEL

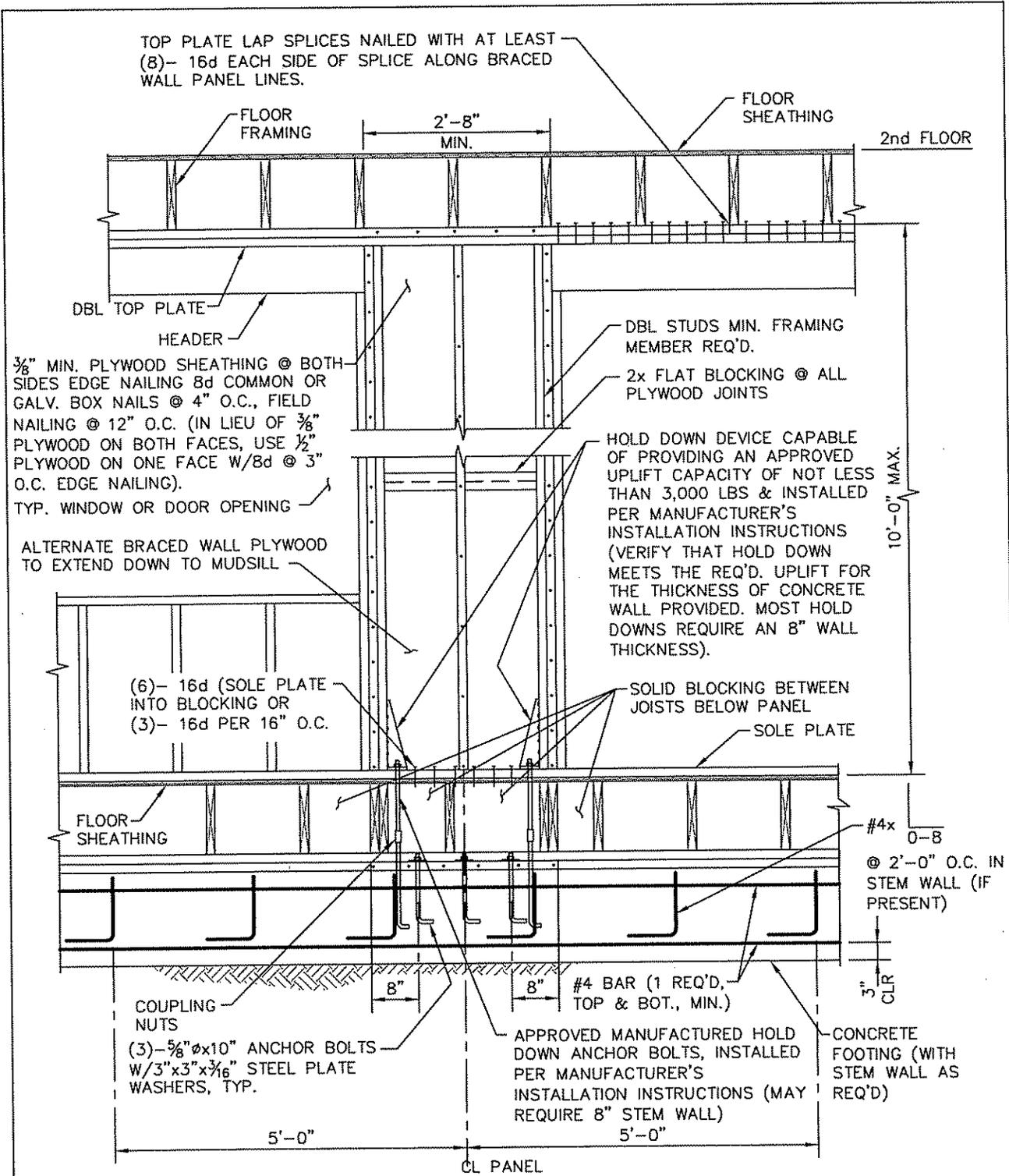
This construction detail is accepted as meeting the minimum standard of construction as based upon the 2008 Oregon Residential Specialty Code (ORSC) requirements



DEPARTMENT OF  
TRANSPORTATION AND DEVELOPMENT

BUILDING CODES DIVISION

|                |              |         |          |
|----------------|--------------|---------|----------|
| FILE NAME      | 20644-SK-8   | DATE    | 03/20/06 |
| DRAWING SCALE  | 1/2" = 1'-0" | DWG NO. | SK-8     |
| CODE REFERENCE | R602.10.6.1  |         |          |



EACH ALTERNATE BRACED PANEL MAY REPLACE EACH 4'-0" LENGTH OF BRACED PANEL.

**THE 1st STORY OF A 2 STORY 2'-8" RAISED FLOOR ALTERNATE BRACED WALL PANEL**

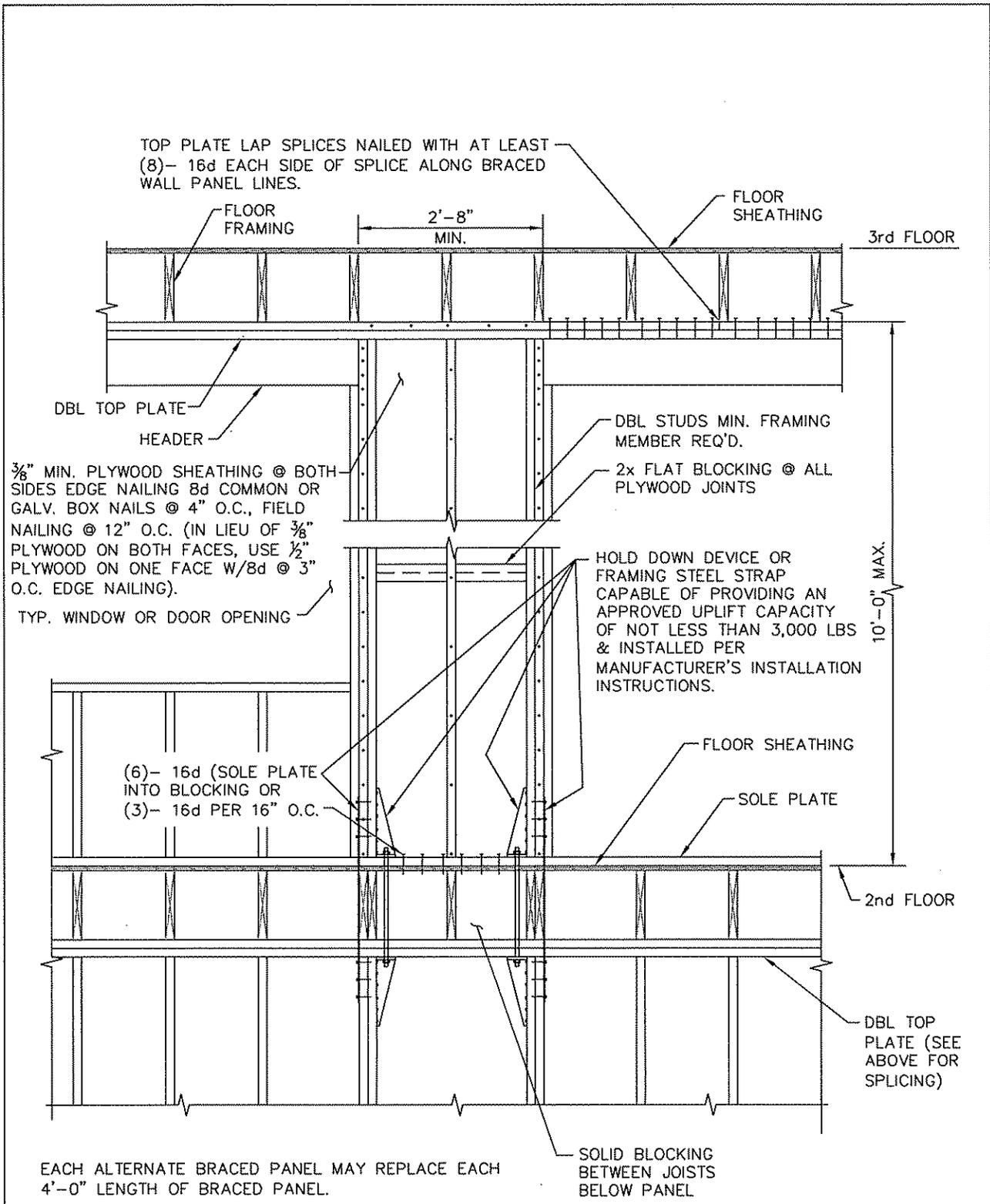
This construction detail is accepted as meeting the minimum standard of construction as based upon the 2008 Oregon Residential Specialty Code (ORSC) requirements



DEPARTMENT OF  
TRANSPORTATION AND DEVELOPMENT

BUILDING CODES DIVISION

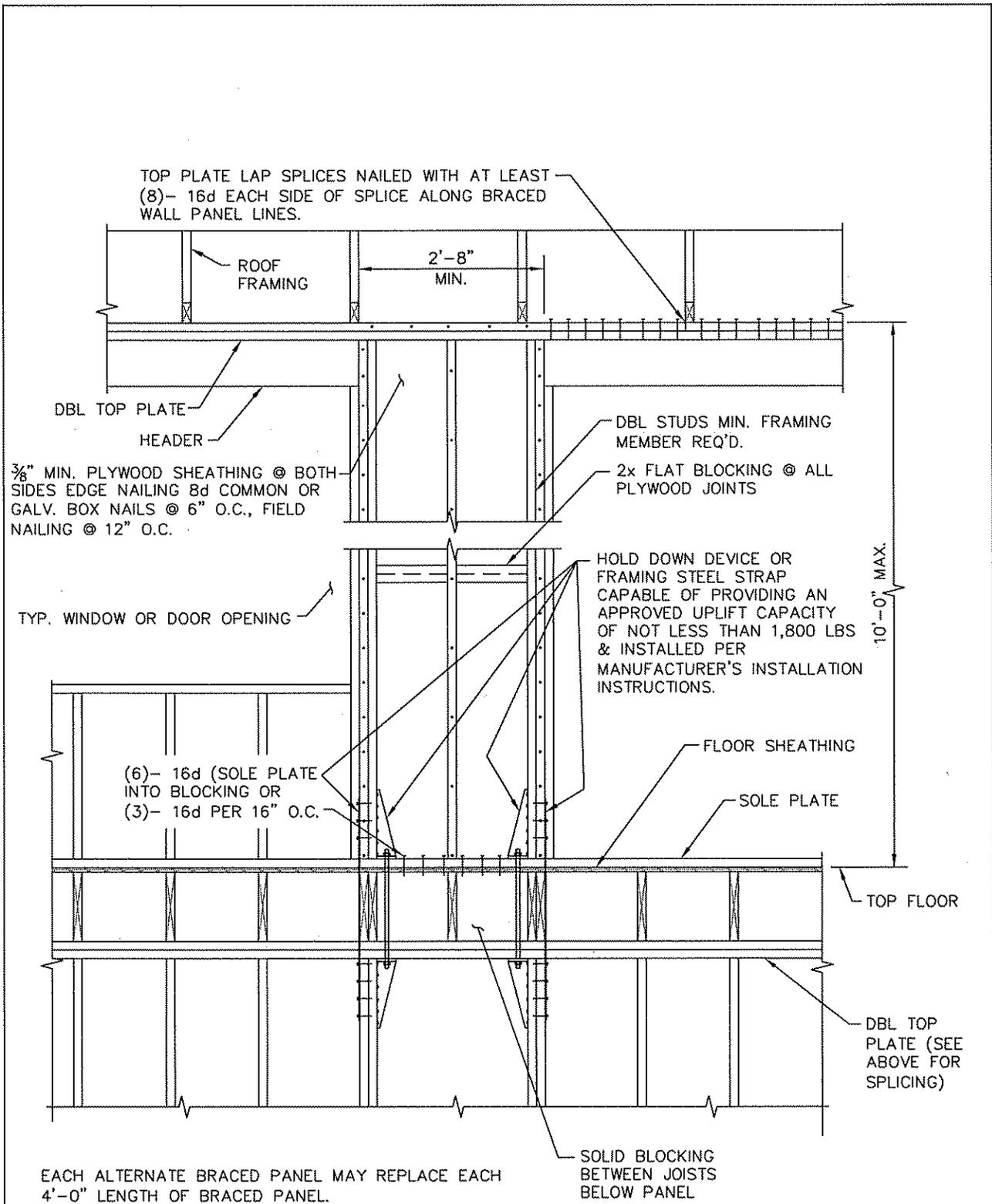
|                |              |         |          |
|----------------|--------------|---------|----------|
| FILE NAME      | 20644-SK-9   | DATE    | 03/20/06 |
| DRAWING SCALE  | 1/2" = 1'-0" | DWG NO. | SK-9     |
| CODE REFERENCE | R602.10.6.2  |         |          |



**THE 2nd STORY OF A 3 STORY 2'-8" RAISED FLOOR ALTERNATE BRACED WALL PANEL**

This construction detail is accepted as meeting the minimum standard of construction as based upon the 2008 Oregon Residential Specialty Code (ORSC) requirements

|   |  |                               |                  |
|---|--|-------------------------------|------------------|
|  | DEPARTMENT OF<br><b>TRANSPORTATION AND DEVELOPMENT</b> | FILE NAME<br>20644-SK-10      | DATE<br>03/20/06 |
|   | BUILDING CODES DIVISION                                | DRAWING SCALE<br>1/2" = 1'-0" | DWG NO.<br>SK-10 |
|   |  | CODE REFERENCE<br>R602.10.6.3 |                  |



**THE TOP STORY OF A 2 OR 3 STORY 2'-8" RAISED FLOOR ALTERNATE BRACED WALL PANEL**

This construction detail is accepted as meeting the minimum standard of construction as based upon the 2008 Oregon Residential Specialty Code (ORSC) requirements

|   |  |                               |                  |
|---|--|-------------------------------|------------------|
|  | DEPARTMENT OF<br><b>TRANSPORTATION AND DEVELOPMENT</b> | FILE NAME<br>20644-SK-11      | DATE<br>03/20/06 |
|   | <b>BUILDING CODES DIVISION</b>                         | DRAWING SCALE<br>1/2" = 1'-0" | DWG NO.<br>SK-11 |
|   |  | CODE REFERENCE<br>R602.10.6.4 |                  |