

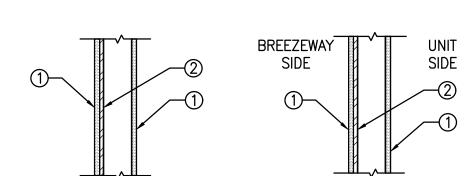
TYPICAL SHEAR WALL **ELEVATION**

SCALE: NTS

ONE S	'	SHEAR			WA	4LL	_ SC	SCHEDULE					
	1SW1												
	\odot	2											
1ST STORY	_	D											

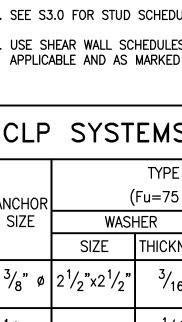
TWO S	STORY			TORY SHEAR			WALL SCHEDUL					JLE	•
	2SW1												
	\odot	2											
2ND STORY	_	D											
1ST STORY	_	D											

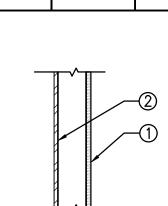
THREE	STORY SHEAR						V	/Al	L	S	СН	ED	UL	Ε
	38	W1	3SW2		V2 3SW3									
	\odot	2	\odot	2	\odot	2								
3RD STORY	_	D	_	D	_	D								
2ND STORY	_	D	_	D	_	С								
1ST STORY	_	D	_	С	_	В								





DETAIL B CORRIDOR/BREEZEWAY

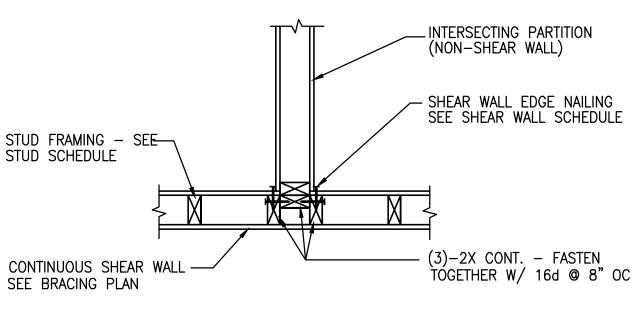




DETAIL C EXTERIOR WALLS

SHEAR WALL SCHEDULE & DETAILS





TYPICAL FASTENING DETAIL AT PARTITION WALL INTERSECTION

$\binom{2}{}$	PARITION	WALL	INTERSECTION
S5.0	SCALE: NTS		
intersect see brac	TING SHEAR WALL ING PLAN		SHEAR WALL EDGE NAILING SEE SHEAR WALL SCHEDULE
STUD FRA STUD SCH	MING — SEE ————————————————————————————————		VERTICAL COLUMN — SEE ANCHORAGE SCHEDULE
			SEE BRACING PLAN
	COLUMN — SEE ————————————————————————————————		
STUD FRA STUD SCH	MING — SEE — EDULE		SHEAR WALL EDGE NAILING SEE SHEAR WALL SCHEDULE
	TING SHEAR WALL	<u> </u>	(3)-2X CONT FASTEN TOGETHER W/ 16d @ 8" OC

TYPICAL FASTENING DETAIL AT INTERSECTING SHEAR WALLS

SCALE: NTS

SEE BRACING PLAN

DENOTES SHEAR WALL DESIGNATION ON PLAN. SEE BRACING PLANS FOR ALL SHEAR WALL LOCATIONS. DASHED LINE ON PLAN IS LOCATED TO INDICATE WHICH SIDE OF WALL IS TO BE SHEATHED WITH STRUCTURAL PANEL WHERE APPLICABLE.

DENOTES SHEAR WALL MARK IN SCHEDULE. SEE 4/S5.0 FOR SHEAR WALL FASTENER TYPE AND SPACING INFO.

DENOTES SHEATHING NOT REQUIRED AT SPECIFIED STORY.

4. SEE S3.0 FOR STUD SCHEDULE AND TYPICAL WALL FRAMING INFO.

5. USE SHEAR WALL SCHEDULES FOR DIFFERENT NUMBER OF STORIES AS APPLICABLE AND AS MARKED ON BRACING PLANS.

CLP	SYST	EMS A	исно	R INFO)				
		TYPE A		TYPE B					
ANCHOR SIZE	(Fu=75 KSI)		(Fu=75 KSI)					
	WASH	HER	CAPACITY	WASI	CAPACITY				
	SIZE	THICKNESS	(KIPS)	SIZE	THICKNESS	(KIPS)			
³ / ₈ " ø	$2^{1}/_{2}$ "x $2^{1}/_{2}$ "	³ / ₁₆ "	2.76	ı	ı	-			
¹ / ₂ " ø	3"x3"	1/4"	4.20	-	ı	_			
⁵ / ₈ " ø	4"x3"	³ / ₈ "	5.39	_	_	_			



SCALE: NTS

SHEAR WALL END ANCHORAGE SCHEDULE & DETAILS

BASE (7) SILL PLATE ANCHORAGE ⁽⁷⁾ BLOCKED PANEL SHEAR NAILING (UNFACTORED WALL PLATE SHEATHING (1),(2),(3),(4),(5),(6) FOR WIND) **EDGES** NAILING MARK RECOMMENDED ALTERNATE APPLIED HILTI X-CP GYPSUM **MUDSILL** DIRECTLY TO 16d NAILS A307 HEADED HILTI KIWIK BOLT III PLYWOOD EDGE NAILING FIELD NAILING 72 P8S23 WALLBOARD SPF STUD ANCHOR STAGGERED ANCHOR BOLT EXPANSION ANCHOR OR GYPSUM MATERIAL (MASB) 0.S.B. SHEATHING MASB @ 16" o.c. 1/2" DIA @ 20" oc | 1/2" DIA x 2-1/4" EMBED @ 20" 8d @ 3" oc | 8d @ 12" oc | YES 451 PLF MASB @ 20" o.c. 1/2" DIA @ 24" oc | 1/2" DIA x 2-1/4" EMBED @ 24" 8d @ 4" oc 8d @ 12" oc YES 350 PLF 3" oc MASB @ 24" o.c. 1/2" DIA @ 24" oc | 1/2" DIA x 2-1/4" EMBED @ 24" 8d @ 6" oc | 8d @ 12" oc | YES 239 PLF 4" oc

FOOTNOTES:

- (1) WHERE PANELS ARE APPLIED ON BOTH FACES OF A WALL AND NAIL SPACING IS LESS THAN 6" O.C. ON EITHER SIDE, PANEL JOINTS SHALL BE OFFSET TO FALL ON DIFFERENT FRAMING MEMBERS OR FRAMING SHALL BE 3" NOMINAL OR THICKER AND NAILS ON EACH SIDE SHALL BE STAGGERED.
- (2) NAIL REQUIREMENT: INTERIOR 5/8" GYPSUM REQUIRES 6d COOLER NAILS (0.092" DIA, 1-7/8" LONG, 1/4" HEAD) OR WALLBOARD NAILS (0.0915" DIA, 1-7/8" LONG,
- NAIL REQUIREMENT: ALL EXTERIOR SHEATHING SHALL BE FASTENED WITH CORROSION RESISTANT NAILS.
- NAIL REQUIREMENT: ALL PLYWOOD AND OSB SHEATHING SHALL BE FASTENED WITH COMMON OR GALVANIZED BOX NAILS. NO SUBSTITUTIONS SHALL BE MADE W/O APPROVAL
- THE FOLLOWING DRYWALL SCREW IS PERMITTED TO BE SUBSTITUTED FOR THE 5d AND 6d COOLER NAILS LISTED ABOVE: 1-1/4" LONG TYPE S OR W #6 SCREW.(6) END JOINTS OF ADJACENT COURSES OF GYPSUM BOARD SHALL NOT OCCUR OVER THE SAME STUD.
- (7) REDUCE SPACING BY ½ WHEN SHEAR WALL TYPES ARE SPECIFIED ON BOTH SIDES OF WALL.



SHEAR WALL ANCHORAGE SCHEDULE (1) (1) $(1) \frac{3}{8}" (1) \frac{1}{2}"$ 3RD STORY _ 1) $\frac{3}{8}$ " (1) $\frac{1}{2}$ " (1) $\frac{3}{8}$ " (1) $\frac{1}{2}$ " 2ND STORY 1ST STORY

BUILT-U	IP 2)	(ENI	D WAL	L CO	LUMN	SCHE	DULE
CLP ANCHOR	(1) ³ ⁄8"	(1) ½"					
MIN END WALL COLUMN	2-2X4	3-2X4 OR 2-2X6					

SHEAR WALL END ANCHORAGE SCHEDULE NOTES:

- CLP SYSTEMS ANCHOR TYPE. SEE SCHEDULE. # OF STORIES -ÄNCHOR IS REQ'D

DENOTES CLP SYSTEMS ANCHOR W/ TAKE-UP DEVICE. SEE BRACING PLANS FOR ALL ANCHOR LOCATIONS. ANCHOR SIZE IN ---- $\frac{1}{8}$ " INCREMENTS

(2) "(1) $\frac{1}{2}$ " DENOTES QUANTITY () & DIAMETER OF CLP SYSTEMS WEDGE OR EPOXY ANCHOR. SEE MFG FOR MORE INFO.

(3) "-" DENOTES ANCHORAGE NOT REQUIRED AT SPECIFIED FLOOR LEVEL.

(4) ALL SHEAR WALL ANCHORAGE EXTENDS FROM SPECIFIED LEVEL TO FOUNDATION BELOW UNO ON PLAN OR IN SCHEDULE. THE FOLLOWING APPLY WHERE ANCHORAGE BEGINS OR TERMINATES AT INTERMEDIATE LEVELS:

> a) HIGHEST LEVEL WHERE ANCHORAGE IS SPECIFIED: THE ANCHOR MUST ENGAGE THE DOUBLE TOP PLATE OF THE SHEAR WALL AT THE LEVEL

b) LOWEST LEVEL WHERE ANCHORAGE IS SPECIFIED: THE ANCHOR MUST EXTEND THROUGH THE FLOOR CAVITY BELOW AND ENGAGE THE DOUBLE TOP PLATE OF THE WALL OR BEAM BELOW BEFORE TERMINATING.

(5) SEE BRACING PLANS & DETAILS 6A & 6B/S5.0 FOR ALL ANCHORAGE LOCATIONS.

(6) SEE MFG FOR ANCHOR TYPES & INSTALLATION REQUIREMENTS.

DETAIL A EXTERIOR, INTERIOR BEARING & BREEZEWAY WALLS

HILTON GARDEN INN ADDITION LOCATION **PORTLAND** 145 JETPORT BLVD PORTLAND, MAINE 04102

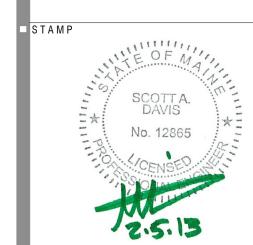
PORTLAND

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ISSUED FOR: REVIEW PRICING JULY 20, 2012 PERMITTING JAN 30, 2013 CONSTRUCTION

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□JOBNO. 0479.000

SHEAR WALL & ANCHORAGE DETAILS & SCHEDULES