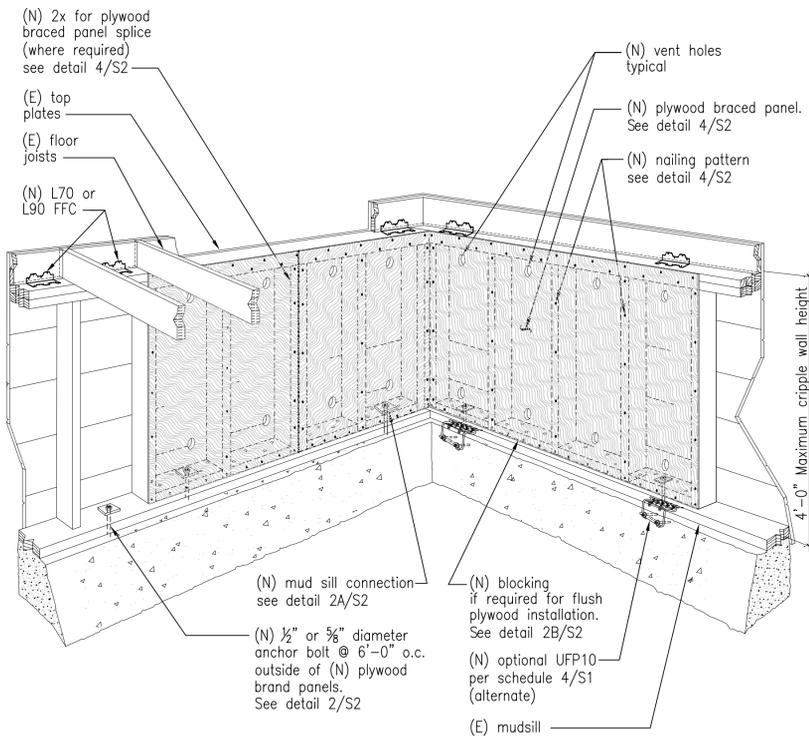


- NOTES:**
- This is a sample plan of a 1200 SF one story home of "light construction"
 - Homeowner to choose most appropriate detail.

1 SAMPLE FOUNDATION AND PLYWOOD LAYOUT PLAN
SCALE: 3/16"=1'-0"



- NOTES:**
- This detail shows a sample cripple wall which has undergone a typical seismic retrofit.
 - This detail is not intended to supersede requirements contained in the specific installation details on sheet S2.
 - This isometric is viewed from the interior of the crawl space.

2 TYPICAL CRIPPLE WALL BRACING DETAIL

A. GENERAL:

- All existing concrete and wood material which will be part of the strengthening work shall be in sound condition and free from defects which would substantially reduce the capacity of the material. Any substandard material shall be repaired or replaced to meet minimum building code requirements. New foundations shall meet current Building Code requirements.
 - All metal connectors and hardware shall meet an approved standard for its intended use and be installed per manufacturer's instructions, and in accordance with the requirements of these standards. Alternate details may be approved by the building official provided detailed information and calculations are submitted and approved.
 - All existing under floor ventilation shall be maintained.
 - Due to the corrosive nature of new pressure treated wood which can cause premature failure of the metal hardware, fasteners in new pressure treated wood shall be hot dipped galvanized fasteners (meeting ASTM A153) and connectors (ASTM A 653 class G185 sheet), or better.
- 5. LEGEND:**
(E) = Existing construction; (N) = New construction
4/S1 = Refer to detail 4 on sheet S1
NTS = Not to scale; Min = Minimum
FFC = Floor Framing Clip

B. MUDSILL CONNECTIONS:

- New bolts or UFP10 anchors required by reinforcement schedule 4/S1 shall be installed within plywood braced panels. See detail 2/S2.
- Where an existing continuous rim joist, end joist, or solid blocking between joists, does not exist above the perimeter cripple wall or mud sill, new blocking and/or supplemental connections shall be provided and subject to approval by the building official.
- All new mud sill bolts shall have a 3" X 3" X 1/4" plate washer installed between the mud sill (or blocking) and the nut.
- New bolts shall be 1/2" inches minimum from the edges of the mud sill and 6" from the ends.
- Existing anchor bolts are generally not reliable and should not be considered as meeting the requirements of this plan set.

3 TECHNICAL NOTES

- New bolts or anchors within new braced panels shall be placed as follows:
 - one bolt or anchor at each end of the braced bay
 - additional bolts or anchors at 32" on center or less.
 - additional foundation bolts or anchors as required by the schedule detail 4/S1.
- New mudsill plates shall be pressure-treated douglas-fir or foundation-grade redwood.
- New steel bolts shall conform to ASTM A307. Adhesive or expansion type anchors shall be installed per manufacturer's instructions. Third party special inspection is not required. Expansion bolts shall not be used when the installation causes cracking of the foundation wall at the location of the bolt. The use of "adhesive type" anchors is strongly encouraged.
- Provide new mudsill bolts or anchors outside of braced panels at 6'-0" on center or less.

C. FLOOR TO CRIPPLE WALL / MUDSILL CONNECTION:

- See "Reinforcement Schedule" 4/S1 and detail 5/S2 for required connection.
- Increase length of nails 1/2" when attaching floor framing clips through plywood.
- If splices in double top plates do not have a minimum 48" lap, provide a new minimum 4' strap. See detail 6A/S2.
- Existing single top plates shall reinforced with a 16ga x 48" metal strap. See detail 6B/S2.
- Where plate straps occur within a braced panel, the strap shall be placed over the plywood and the plywood nails omitted where the strap is installed.

D. PLYWOOD BRACED PANEL INSTALLATION:

- See 4/S1 "Reinforcement Schedule" for the required length of new plywood panel bracing along each wall line. See "Sample Foundation Plan" for the definition of a "wall line" and an example of plywood panel layout.
- Install plywood braced panels at each end of each wall line and space additional panels, as needed, along each wall line.
- Plywood braced panels closest to the ends of wall lines shall be located as near to the ends as possible. Panels may be located away from the ends of a wall line when existing obstructions or limited clearance necessitates such relocation.
- Plywood braced panels should be nearly equal in length and should be nearly equal in spacing along the length of the wall where possible.

- The length of each individual panel must be twice the height of the cripple wall being braced, but never less than 48 inches in length.
- The perimeter of all new plywood braced panel shall be nailed to existing cripple wall studs, top plate(s) and the mudsill at 4" on center. Attach plywood to intermediate cripple wall studs at a maximum of 12" on center.
- Nails shall be 8d common x 2 1/2" long with a minimum shank diameter of .131 inches (.131 x 2 1/2"). .131 x 2 1/2" nails may be used for installations using nail guns.
- Plywood braced panel shall be 5-PLY, 1/2" exterior grade (3-PLY 1 1/2" is not acceptable).
- Maintain a minimum edge distance 3/8", from center of nail to any plywood edge.
- Do not overdrive, countersink, or otherwise damage the "outermost ply" when installing nails.
- Do not space nails closer than 3/2" in plywood braced panels.
- Nails must be firmly embedded in framing behind plywood without causing splitting. See detail 4A/S2 for double stud at plywood joints.

E. PERMIT & INSPECTION REQUIREMENTS:

- Submit a permit application and 2 completed plan sets to the Building Dept. for review (photographs of the mud sill, cripple wall, and floor framing conditions may assist the review process).
- Before starting work the permit holder may be required to schedule a pre-construction inspection with the building department to verify that field conditions are consistent with the information provided on the approved plan.
- Inspections by the building department are required for:
 - foundation bolt/anchor plate installation,
 - installation of blocking,
 - plywood braced panel installation on cripple wall,
 - metal hardware installation, and
 - final inspection.
- No work requiring inspection shall be covered until it has been inspected and approved by the Building Department.
- Prior to final inspection, smoke detectors shall be installed in the attached dwelling(s) in accordance with building code requirements.

GENERAL INSTRUCTIONS

READ FIRST:
To determine if your home qualifies please answer the following questions. If you answer yes to all of the following questions your home qualifies to use this standard. IF YOU ANSWER YES TO EACH OF THESE QUESTIONS, PROCEED TO APPLICANT INSTRUCTIONS.

DOES THIS PLAN SET APPLY TO YOUR HOME?	YES	NO
1. Is your home a one or two family residential structure?	<input type="checkbox"/>	<input type="checkbox"/>
2. Is your home two stories or less?	<input type="checkbox"/>	<input type="checkbox"/>
3. Is your home wood-framed construction?	<input type="checkbox"/>	<input type="checkbox"/>
4. Does the building have a continuous perimeter concrete foundation (ignoring the immediate area surrounding the fireplace?)	<input type="checkbox"/>	<input type="checkbox"/>
5. Does your house have a crawl space?	<input type="checkbox"/>	<input type="checkbox"/>
6. Are all the cripple walls less than 4 feet in height? (See detail 2/S1 in lower left corner of plan set for an example of a cripple wall)	<input type="checkbox"/>	<input type="checkbox"/>
7. If your home has brick or stone veneer along the exterior walls (excluding any chimneys), is the maximum height of the veneer 4 feet above the foundation? (If your home does not have any brick or stone veneer, you should answer this question as a YES.)	<input type="checkbox"/>	<input type="checkbox"/>
8. If the roofing of your home is clay tile, are the tiles installed without the use of mortar along the tile edges. (If your home's roofing is a material other than clay tile you should answer this question as a YES.)	<input type="checkbox"/>	<input type="checkbox"/>

IF YOU ANSWER NO TO ANY OF THESE QUESTIONS CONTACT YOUR LOCAL BUILDING DEPARTMENT FOR ASSISTANCE.

PURPOSE:

1. These plan set standards for strengthening may be approved by the building official without requiring additional plans or calculations. They provide an economical method to help improve your home's chances of surviving an earthquake.

2. The intent of these standards is to promote public safety and welfare by reducing the risk of earthquake damage to existing wood-framed residential buildings.

3. The requirements contained herein are prescriptive minimum standards intended to improve the seismic performance of residential buildings. They will not necessarily prevent earthquake damage, nor make your home earthquake proof. These recommendations are based on assumptions that apply to houses of average construction. You are encouraged to have a competent licensed engineer or architect review the plans & modify them as appropriate for your home.

4. The prescriptive details and provisions are not intended to be the only acceptable strengthening methods permitted (alternate details and methods may be used when approved by the building official).

5. When the building official determines that conditions exist that are beyond the scope of these prescriptive standards, analysis and documentation shall be prepared by a California licensed architect or engineer.

6. This prescriptive plan addresses only seismic strengthening work. Alternative designs will be considered on a case-by-case basis. Work done under permit pursuant to this prescriptive plan does not legalize any previous work done without a permit.

APPLICATION INSTRUCTION:

- Draw a scaled foundation plan of the house in the graph space provided on sheet S2 (refer to the "sample foundation and plywood layout plan", Detail 1/S1 for guidance).
- Provide appropriate construction information in the "Construction Data", detail 5/S1. Determine the spacing requirements for the mudsill bolts or anchor plates to be used and identify the type of FFC clip to be used.
- Based upon the homes square footage, number of stories and type of construction "heavy" or "light", determine the requirements for "plywood bracing, mudsill anchorage" and floor to cripple wall/mudsill connections". Based on the "Reinforcement Schedule". See detail 4/S1.
- Identify on the "Foundation plan" the direction of run of all your floor joists.
- Identify on the "foundation plan" (along the perimeter walls) the location of all fireplaces.
- For each wall segment on the foundation plan indicate the plan details which represent:
 - the mud sill anchoring method. See detail 2/S2.
 - the floor-to-cripple wall/mudsill attachment. See det. 5/S2.
 - the cripple wall bracing method to be used. See detail 4/S1.
- For each wall segment on the foundation plan indicate the maximum cripple wall height and the length and location of all plywood braced panels to be installed (identify all wall sections that do not have cripple walls).

REINFORCEMENT SCHEDULE									
CHECK THE BOX WHICH APPLIES TO YOUR HOME	GENERAL INFORMATION		PLYWOOD BRACING	MUDSILL ANCHORAGE			FLOOR TO CRIPPLE WALL / MUDSILL CONNECTION		
	TOTAL FLOOR AREA (SF) (1)	HEAVY OR LIGHT CONSTRUCTION		MINIMUM TOTAL BRACING LENGTH ALONG EACH WALL LINE	UFP10 (2)	1/2" BOLT	5/8" BOLT	MIN. NO. OF FLOOR FRAMING CLIPS (FFC)(3) ALONG EACH WALL LINE (4)	NO. OF L70
1-STORY REQUIREMENTS	800	Heavy	16'-0"	5	8	6	13	10	10
	800	Light	12'-0"	4	6	5	11	8	8
	1000	Heavy	17'-4"	6	9	6	15	12	12
	1000	Light	14'-8"	4	7	5	12	9	9
	1200	Heavy	20'	6	9	7	17	13	13
	1200	Light	14'-8"	5	7	5	13	10	10
	1500	Heavy	22'-8"	7	11	8	19	15	15
	1500	Light	17'-4"	5	8	6	15	11	11
	2000	Heavy	28'	8	13	9	24	18	18
	2000	Light	21'-4"	6	10	7	18	14	14
2-STORY REQUIREMENTS	1500	Heavy	17'-4"	5	8	6	15	11	11
	1500	Light	14'-8"	4	7	5	12	9	9
	1800	Heavy	24'-0"	7	12	8	21	16	16
	1800	Light	18'-8"	6	9	7	16	12	12
	2400	Heavy	29'-4"	9	14	10	25	19	19
	2400	Light	22'-8"	7	11	8	20	15	15
	3000	Heavy	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	3000	Light	26'-8"	8	13	9	23	17	17

- FOOTNOTES FROM TABLE:**
- See total floor area retrofit Construction Data.
 - When UFP anchors and bolts are used in a single wall line, UFP anchors may be substituted for the number of bolts.
 - Not more than one angle per joist bay unless joists are spaced 24 inches on center.
 - Install L70 & L90 W/ 10d x 1 1/2" nails (.148 x 1 1/2").
 - H10 uses (8) 8d (.131" dia.) x 1 1/2" into joist and (8) 8d (.131" dia.) x 1 1/2" into top plates.
 - H10 floor framing clip should be used as an alternate only where accessibility makes the use of L70 or L90 impractical. L70 and L90 clips are preferred over H10 FFC.

4 REINFORCEMENT SCHEDULE

GENERAL HOME INFORMATION:

A. Square footage calculation

- No. of stories above cripple wall/mud sill: _____ sf
- Approximate 1st floor area over crawl space: _____ sf (Do not include areas above garage slab)
- Approximate 2nd floor area over crawl space: _____ sf (Do not include areas above garage slab)

Total floor area: _____ sf

B. Is your home of "Light" or "Heavy" construction?

1. See detail 4/S1 for definition of heavy versus light construction

- HEAVY construction - LIGHT construction

FLOOR FRAMING CONNECTION:
to Mudsill or Top Plate

FRAMING CLIP: Manufacturer _____ Part No. _____ Load Value parallel to cripple wall and/or mud sill _____

MUDSILL ANCHORAGE:

EXISTING
 BOLTS: Diameter _____ Spacing _____

NEW
 BOLTS: Diameter _____ Spacing _____
Type: Chemical Expansion/Mechanical
 ANCHOR PLATE: Manufacturer _____ Part No. _____ Bolt Type: Chemical Expansion/Mechanical

APPLICANT INFORMATION

APPLICANT: _____

ADDRESS: _____

TELEPHONE: _____

PROPERTY ADDRESS: _____

OWNER: _____

APPLICANT'S SIGNATURE _____

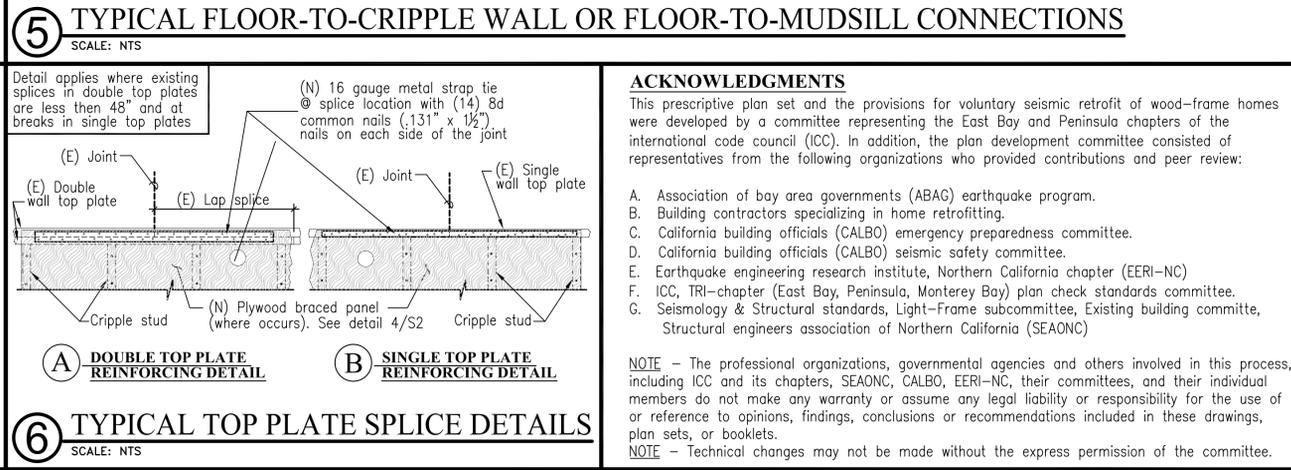
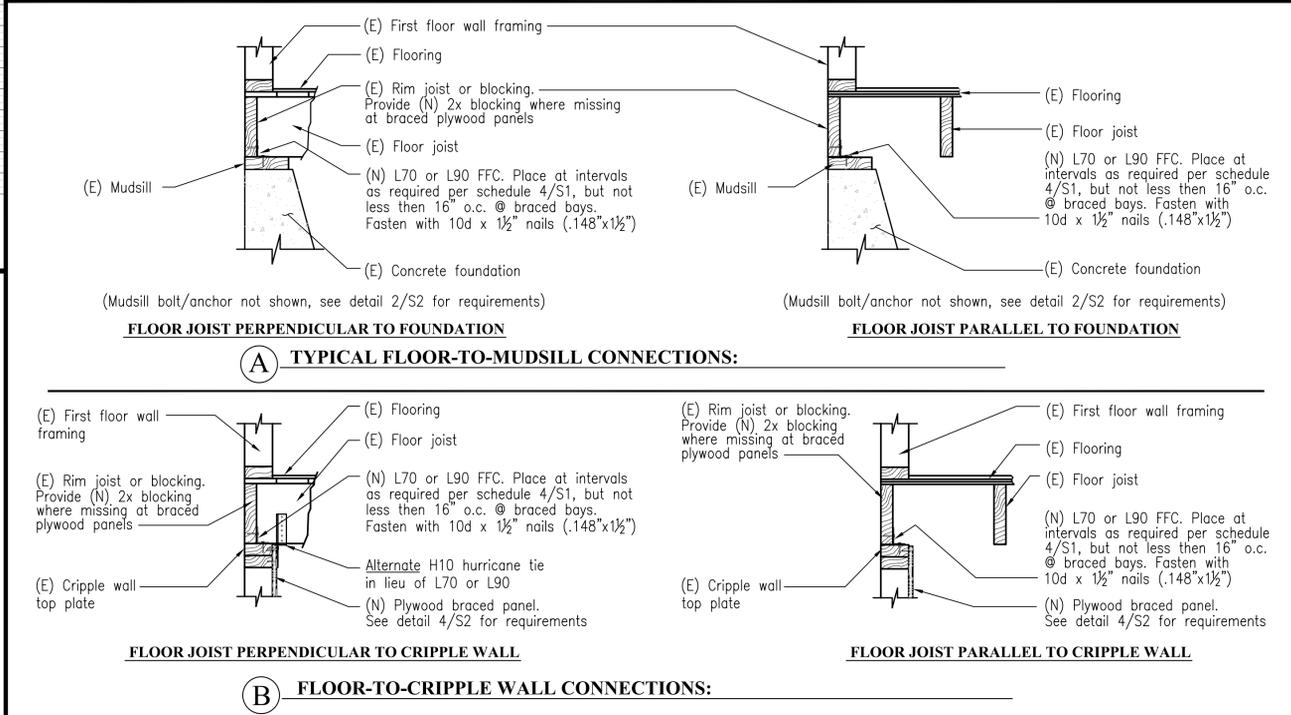
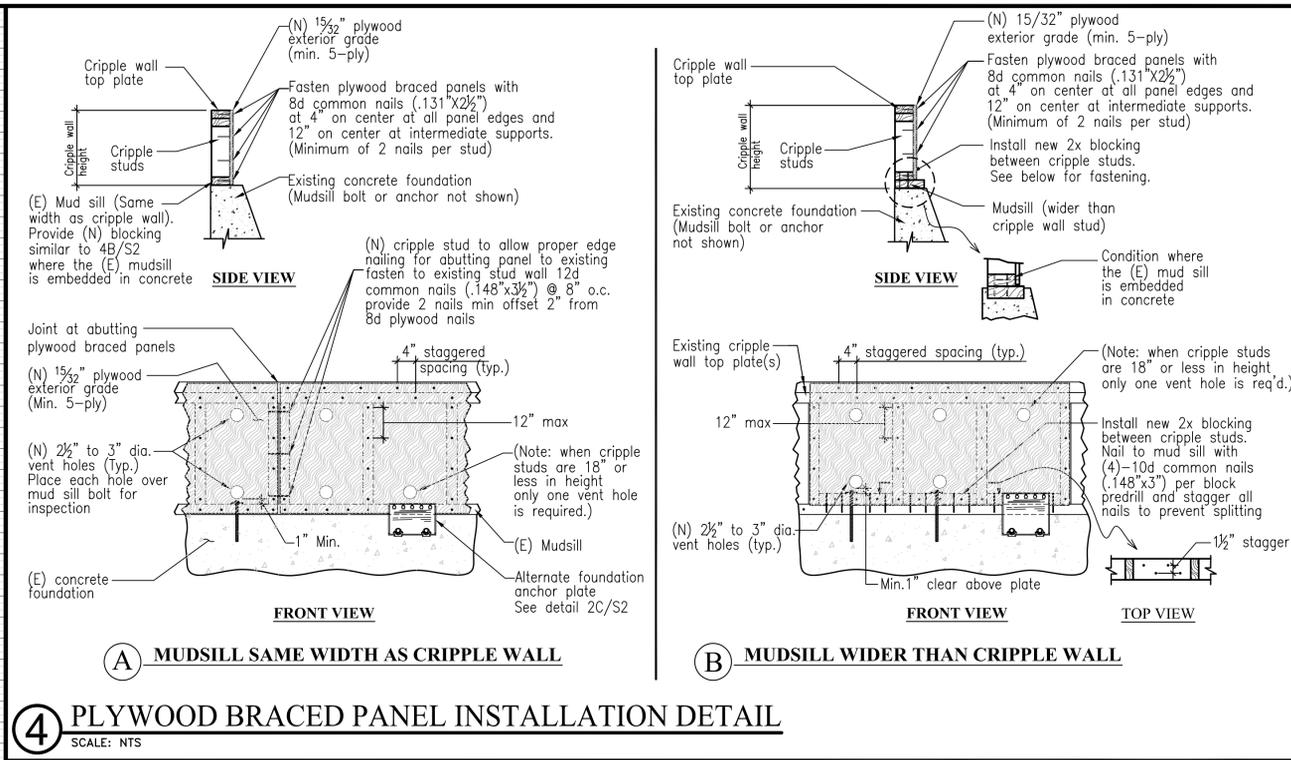
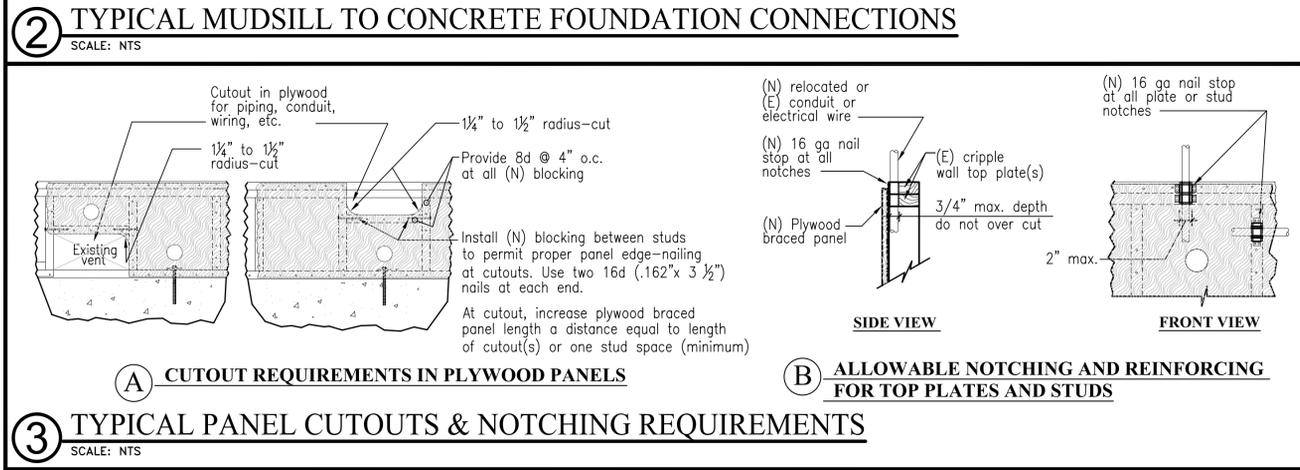
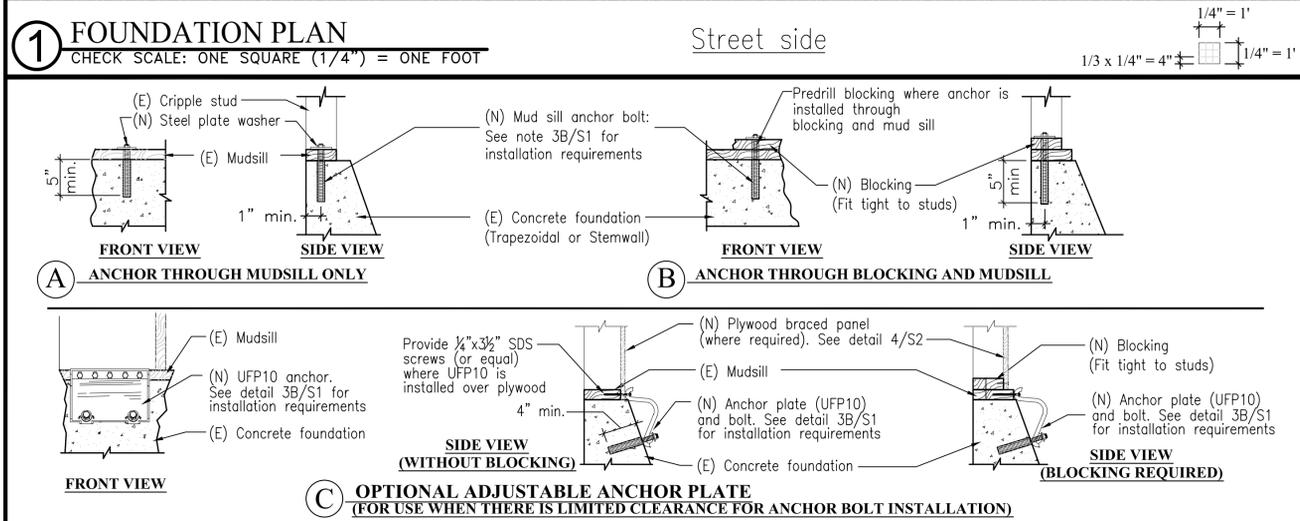
STANDARD PLAN A (2008)

RESIDENTIAL SEISMIC STRENGTHENING PLAN

PRESCRIPTIVE SEISMIC STRENGTHENING PLAN FOR CRIPPLE WALL BRACING AND FOUNDATION SILL PLATE ANCHORAGE OF LIGHT WOOD FRAMED RESIDENTIAL STRUCTURES.

S1

1 OF 2



APPLICANT INFORMATION

APPLICANT: _____

ADDRESS: _____

TELEPHONE: _____

PROPERTY ADDRESS: _____

OWNER: _____

APPLICANT'S SIGNATURE _____

STANDARD PLAN A (2008)

RESIDENTIAL SEISMIC STRENGTHENING PLAN

PRESCRIPTIVE SEISMIC STRENGTHENING PLAN FOR CRIPPLE WALL BRACING AND FOUNDATION SILL PLATE ANCHORAGE OF LIGHT WOOD FRAMED RESIDENTIAL STRUCTURES.

S2

2 OF 2

ACKNOWLEDGMENTS

This prescriptive plan set and the provisions for voluntary seismic retrofit of wood-frame homes were developed by a committee representing the East Bay and Peninsula chapters of the international code council (ICC). In addition, the plan development committee consisted of representatives from the following organizations who provided contributions and peer review:

- Association of bay area governments (ABAG) earthquake program.
- Building contractors specializing in home retrofitting.
- California building officials (CALBO) emergency preparedness committee.
- California building officials (CALBO) seismic safety committee.
- Earthquake engineering research institute, Northern California chapter (EERI-NC)
- ICC, TRI-chapter (East Bay, Peninsula, Monterey Bay) plan check standards committee.
- Seismology & Structural standards, Light-Frame subcommittee, Existing building committee, Structural engineers association of Northern California (SEAONC)

NOTE - The professional organizations, governmental agencies and others involved in this process, including ICC and its chapters, SEAONC, CALBO, EERI-NC, their committees, and their individual members do not make any warranty or assume any legal liability or responsibility for the use of or reference to opinions, findings, conclusions or recommendations included in these drawings, plan sets, or booklets.

NOTE - Technical changes may not be made without the express permission of the committee.



City of Milpitas

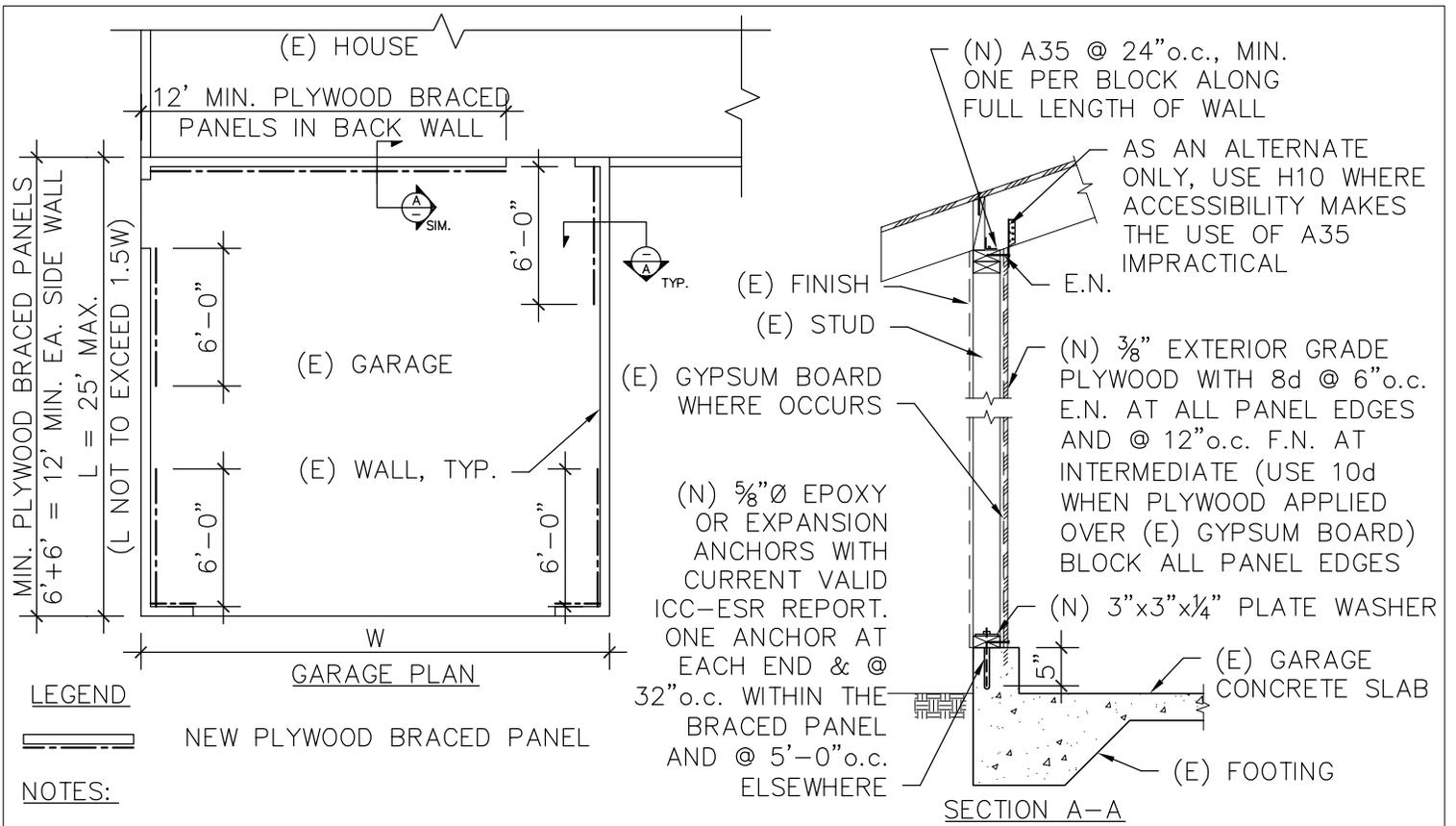
Building & Safety Department

VOLUNTARY SEISMIC STRENGTHENING OF RESIDENTIAL GARAGE FOR SINGLE STORY BUILDING



455 E. Calaveras Blvd.
Milpitas, CA 95035
408-586-3240
www.ci.milpitas.ca.gov

FEBRUARY 2010



- LEGEND
- NEW PLYWOOD BRACED PANEL
- NOTES:
1. PROVIDE PROJECT INFORMATION SUCH AS THE SCOPE OF WORK; THE STREET ADDRESS AND THE NAME OF THE LEGAL OWNER OF THE PROPERTY; THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE PERSON WHO PREPARED THE PLANS.
 2. THE INTENT OF THESE GUIDELINES IS TO PROMOTE PUBLIC SAFETY AND WELFARE BY REDUCING THE RISK OF EARTHQUAKE DAMAGE TO EXISTING WOOD-FRAMED RESIDENTIAL BUILDINGS.
 3. THE REQUIREMENTS CONTAINED HEREIN ARE PRESCRIPTIVE MINIMUM STANDARDS INTENDED TO IMPROVE THE SEISMIC PERFORMANCE OF RESIDENTIAL BUILDINGS. THEY WILL NOT NECESSARILY PREVENT EARTHQUAKE DAMAGE, NOR MAKE YOUR HOME EARTHQUAKE PROOF. THESE RECOMMENDATIONS ARE BASED ON ASSUMPTIONS THAT APPLY TO HOUSES OF AVERAGE CONSTRUCTION. YOU ARE ENCOURAGED TO HAVE A COMPETENT LICENSED ENGINEER OR ARCHITECT REVIEW THE PLANS AND MODIFY THEM AS APPROPRIATE FOR YOUR HOME.
 4. ALL EXISTING CONCRETE AND WOOD MATERIAL WHICH WILL BE PART OF THE STRENGTHENING WORK SHALL BE IN SOUND CONDITION AND FREE FROM DEFECT WHICH WOULD SUBSTANTIALLY REDUCE THE CAPACITY OF THE MATERIAL. ANY SUBSTANDARD MATERIAL SHALL BE REPAIRED OR REPLACED TO MEET MINIMUM BUILDING CODE REQUIREMENTS.
 5. ALL METAL CONNECTORS AND HARDWARE SHALL MEET AN APPROVED STANDARD FOR ITS INTENDED USE AND BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS.
 6. FASTENERS FOR PRESERVATIVE TREATED WOOD SHALL BE OF HOT DIPPED ZINC-COATED GALVANIZED MEETING ASTM 153.
 7. PLYWOOD BRACED PANELS CLOSEST TO THE ENDS OF WALL LINE SHALL BE LOCATED AS NEAR TO THE ENDS AS POSSIBLE. PANELS MAY BE LOCATED AWAY FROM THE ENDS OF WALL LINE WHEN EXISTING OBSTRUCTION OR LIMITED CLEARANCE NECESSITATES SUCH RELOCATION.
 8. PROVIDE SAME SIZE GARAGE VENT OPENING IN THE NEW PLYWOOD AND BLOCK AROUND OPENING.
 9. THE INFORMATION PROVIDED IN THIS DESIGN GUIDE CARRIES NO IMPLIED OR INFERRED GUARANTEE AGAINST FAILURE OR DEFECTS. BY USING THIS DESIGN GUIDE, THE CONTRACTOR/OWNER ACCEPTS THE FULL RESPONSIBILITY OF RISK. ALTERNATE DESIGN MAY BE USED WHEN PROVIDED WITH WET STAMPED AND SIGNED STRUCTURAL CALCULATIONS & DETAILS BY A CALIFORNIA LICENSED ENGINEER OR ARCHITECT.

REV.	DATE	BY	SCALE: N.T.S.
			DATE: FEB 2010
			DESIGNED BY: OC
			DRAWN BY: BYC
			REVIEW BY: LKI/LS/OC/GA/BK

City of Milpitas
 Building & Safety Department
 VOLUNTARY SEISMIC STRENGTHENING OF
 RESIDENTIAL GARAGE FOR SINGLE STORY BUILDING

SHEET
1
 OF 1 SHEETS



CITY OF MILPITAS

BUILDING AND SAFETY DEPARTMENT

455 East Calaveras Boulevard, Milpitas, CA 95035-5479 – Tel. 408.586.3240, Fax 408.586.3285

www.ci.milpitas.ca.gov

CITY OF MILPITAS DISCLAIMER

The City of Milpitas has provided design guidelines to the public for informational purposes. These guidelines are sufficient to meet the Building Code requirements and obtain a City permit. However, the guidelines were drafted to fit generic design and building conditions, not project specific conditions.

I, the undersign, expressly acknowledge and agree that any and all use of the City of Milpitas Building & Safety Department Design Guidelines is at my sole risk. Neither the City of Milpitas nor any of its respective employees, agents, or officials warrant that access to and use of the Guidelines will be free from failure or defects. Nor does the City of Milpitas offer any warranty for the results that may be obtained from using the Guidelines or for the accuracy, reliability or design of any information provided by the Guidelines.

Print Name

Sign Name



Lawrence E. Stone, Assessor

County Assessor, Real Property Division
County Government Center, 70 West Hedding St, East Wing, 5th Floor, San Jose, California 95110-1770
Ph: (408) 299-5300 FAX (408) 298-9439, E-Mail: RP@asr.sccgov.org

¿No habla Ingles? La Oficina del Tasador tiene empleados que hablan Español. Llámenos al (408) 299-5300

BOE-04 (FRONT) REV. 7 (8-06)

CLAIM FOR SEISMIC SAFETY CONSTRUCTION
EXCLUSION FROM ASSESSMENT

(Section 74.5 of the Revenue and Taxation Code)

This form must be filed with the Assessor prior to, or within 30 days of, completion of construction.

FOR ASSESSOR'S USE ONLY
[] Received
[] Approved
[] Denied
Reason for denial

NAME AND MAILING ADDRESS

[] []

PROPERTY DESCRIPTION
Parcel No.(s)
Address

STATEMENTS

- 1. As the owner of the property described above, I completed, or will complete, construction on this property on ...
2. I understand this exclusion from assessment is applicable only to seismic retrofitting improvements and improvements utilizing earthquake hazard mitigation technologies to an existing building or structure and is not applicable to alterations, such as new plumbing, electrical, or other added finishing materials, made in addition to seismic-related work performed on an existing structure.
3. I further understand this exclusion from assessment does not encompass the exclusion provided by Revenue and Taxation Code section 70(d) pertaining to the portion of reconstruction or improvement to a structure, constructed of unreinforced masonry bearing wall construction, necessary to comply with any local ordinance relating to seismic safety during the first 15 years following that reconstruction or improvement.
4. The property owner, primary contractor, civil engineer, or architect [] has [] has not certified to the building department those portions of the project that are seismic retrofitting improvements or improvements utilizing earthquake hazard mitigation technologies.

THIS EXCLUSION EXPIRES UPON CHANGE IN OWNERSHIP OF THE PROPERTY.

CERTIFICATION

I certify (or declare) under penalty of perjury under the laws of the State of California that the foregoing and all information hereon, including any accompanying statements or documents, are true, correct, and complete to the best of my knowledge and belief.

SIGNATURE OF CLAIMANT

DATE DAYTIME PHONE NO. ()

Only the owner or a co-owner of the above-described property (including a purchaser under contract of sale) or his or her legal representative may sign.

If you are buying this property under an unrecorded contract of sale and the Assessor does not have a copy of the contract, you must attach a copy to the claim.

SUPPORTING DOCUMENTS MUST BE FILED WITHIN SIX MONTHS OF COMPLETION OF THE PROJECT.

GENERAL INFORMATION

Under section 74.5 of the California Revenue and Taxation Code, “seismic retrofitting improvements” and “improvements utilizing earthquake hazard mitigation technologies,” to an existing building or structure, are excluded from assessment.

In order to receive the exclusion, the property owner shall submit this form to the Assessor **prior to, or within 30 days of, completion of the project** that he or she intends to claim the exclusion for seismic retrofitting improvements or improvements utilizing earthquake hazard mitigation technologies. **All documents necessary to support the exclusion must be filed by the property owner with the Assessor within six months of completion of the project.**

For purposes of section 74.5:

- (1) “Seismic retrofitting improvements” means retrofitting or reconstruction of an existing building or structure, to abate falling hazards from structural or nonstructural components of any building or structure including, but not limited to, parapets, appendages, cornices, hanging objects, and building cladding that pose serious danger. “Seismic retrofitting improvements” also means either structural strengthening or providing the means necessary to resist seismic force levels that would otherwise be experienced by an existing building or structure during an earthquake, so as to significantly reduce hazards to life and safety while also providing for the substantially safe ingress and egress of building occupants during and immediately after an earthquake. “Seismic retrofitting improvements” does **not** include alterations, such as new plumbing, electrical, or other added finishing materials, made in addition to seismic-related work performed on an existing structure. “Seismic retrofitting” includes, but is not limited to, those items referenced in Appendix Chapters 5 and 6 of the Uniform Code for Building Conservation of the International Conference of Building Officials.
- (2) “Improvements utilizing earthquake hazard mitigation technologies” means improvements to existing buildings identified by a local government as being hazardous to life in the event of an earthquake. These improvements shall involve strategies for earthquake protection of structures. These improvements shall use technologies such as those referenced in Part 2 (commencing with section 101) of Title 24 of the California Building Code and similar seismic provisions in the Uniform Building Code.

This exclusion applies only to projects completed on or after January 1, 1991, and is **not** applicable to seismic safety reconstruction and improvements that qualify for the exclusion provided in subdivision (d) of section 70.

The property owner, primary contractor, civil engineer, or architect shall certify to the building department those portions of the project that are seismic retrofitting improvements or improvements utilizing earthquake hazard mitigation technologies. Upon completion of the project, the building department shall report the value of those portions of the project that are seismic retrofitting improvements and improvements utilizing earthquake hazard mitigation technologies to the Assessor.