

CITY OF SACRAMENTO

1231 I Street, Sacramento, CA 95814

Permit No: 0316815

Insp Area: 4
Thos Bros: 278 A1

Site Address: 4373 FELL ST SAC
Parcel No: 237-0550-043

Sub-Type: NSFR
Housing (Y/N): N

CONTRACTOR

OWNER
GARY WRIGHT
1929 U ST
RIO LINDA, CA 95673

ARCHITECT

Nature of Work: NSFD 2065 sf, 427 sf garage, porch 98sf

CONSTRUCTION LENDING AGENCY : I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender's Name _____ Lender's Address _____

LICENSED CONTRACTORS DECLARATION: I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class _____ License Number _____ Date _____ Contractor Signature _____

OWNER-BUILDER DECLARATION: I hereby affirm under penalty of perjury that I am exempt from the contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code; any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.00);

I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professional Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his/her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he/she did not build or improve for the purpose of sale.)

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

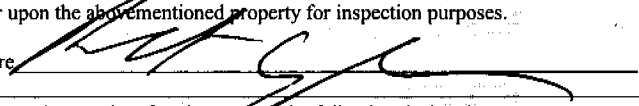
I am exempt under Sec. _____ B & PC for this reason: _____

Date 12-9-03 Owner Signature 

PAID
CITY OF SACRAMENTO
DEC 09 2003
NORTH PERMIT CENTER

IN ISSUING THIS BUILDING PERMIT, the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and hereby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 12-9-03 Applicant/Agent Signature 

WORKER'S COMPENSATION DECLARATION: I hereby affirm under penalty of perjury one of the following declarations:

I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued.

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier _____ Policy Number _____ Exp Date _____

(This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 12-9-03 Applicant Signature 

WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000) IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST AND ATTORNEY'S FEE.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.

City of Sacramento Planning Division
PLANNING REVIEW FOR BUILDING PERMIT SUBMITTAL

| | |
|---|---|
| ADDRESS: 4373 Fell Street | APN: 237-0550-043 |
| DRPB AREA / PUD / SPD: Expanded North Area | ZONING: R-1 |
| EXISTING LAND USE: Vacant | |
| PROPOSED USE: New Construction RSF | |
| PLANNING STAFF WILL CHECK ONE OR MORE OF THE ITEMS BELOW: | |
| <input type="checkbox"/> | Planning review is NOT required. |
| <input type="checkbox"/> | Use is NOT allowed; applicant CANNOT submit for plan check. |
| <input type="checkbox"/> | Requires APPLICATION(s): PC ZA IR ER DR PB |
| | Required Planning application must be submitted <i>before</i> project can be submitted for plan check. |
| <input type="checkbox"/> | Application(s) IN PROGRESS: |
| | Applicant may submit for concurrent building permit plan check, at applicant's risk. Building Division must check with Planning staff and/or SITE before issuing building permit. |
| <input checked="" type="checkbox"/> | Application(s) COMPLETED: ER03-232 |
| | Building permit must conform to approved plans and comply with all conditions of approval. Do NOT issue building permit prior to end of 10 day appeal period. |
| <input checked="" type="checkbox"/> | Plans may be submitted for plan check. Plan checker(s) shall confirm compliance with Zoning Ordinance requirements and all applicable development standards <i>prior to issuance</i> of building permit. |
| <input checked="" type="checkbox"/> | Meets setback & lot coverage requirements as shown on site plan provided. |
| <input checked="" type="checkbox"/> | Plans to be submitted have been stamped/signed by Planning counter staff. |
| <input type="checkbox"/> | Route to SITE for plan check and inspection. |
| <input type="checkbox"/> | Preliminary review ONLY; the information on this form must be reviewed again and confirmed at the time of building permit submittal. |
| COMMENTS: Lot area = 5774 | |
| Proposed structure = 1599 + patio 240 = 1839 / 5774 = 32 % total Lot Coverage | |
| Roof pitch 6/12 | |
| DATE: 10/28/03 | BY: Bonnie Surgeon |

EOP/la

Certification of Compliance School District Development Fees

PART 1 To be completed by APPLICANT

Owner's Name & Address Robert Weigher P.O. Box 609 Rio Linda, Ca. 95623
 Project Address 4373 Fell St.
 Parcel Number _____ Lot No. _____
 Subdivision Name _____ Number of Units 1
 Applicant's Signature & Title [Signature]
 Date 11-24-03 Phone No. 916-825-5396

NOTICE TO APPLICANT: Pursuant to Government Code Section 66020(d), this will serve to notify you that the 90-day approval period in which you may protest the fees or other payment identified above will begin to run on the date in which the building or installation permit for this project is issued or on which they are paid to the district(s) or to another public entity authorized to collect them on behalf of the district(s), whichever is earlier.

PART 2 To be completed by BUILDING DEPARTMENT

Plan Identification Number 03 16815 Building Type (CHECK ONE)
 Square Feet of Chargeable Building Area 2065^{sq} Residential
 Signature Cary Boyd Apartment/Condominium
 Title P.I. III Commercial/Industrial
 Date 11.12.03

PART 3 To be completed by SCHOOL DISTRICTS

Grant Joint Union High School District
 District Certification No. 04-892
 EXEMPT _____
 Comments RESIDENTIAL / APARTMENT / CONDOMINIUM
2065 Sq. Ft. x \$ 1,14 = \$ 2354.10
 COMMERCIAL / INDUSTRIAL _____
 _____ Sq. Ft. x \$ _____ = \$ _____
 OTHER FEE TYPE _____
 _____ Sq. Ft. x \$ _____ = \$ _____
 TOTAL FEES COLLECTED = \$ 2354.10

Robla Elementary School District
 District Certification No. 04-019
 EXEMPT _____
 Comments _____ / APARTMENT / CONDOMINIUM
2065 Sq. Ft. x \$.94 = \$ 1982.40
 COMMERCIAL / INDUSTRIAL _____
 _____ Sq. Ft. x \$ _____ = \$ _____
 OTHER FEE TYPE _____
 _____ Sq. Ft. x \$ _____ = \$ _____
 TOTAL FEES COLLECTED = \$ 1982.40

This Certification covers only the amount of square footage indicated above. Any additions or corrections to the square footage for this project will require an amendment to the Certificate of Compliance.
 As the authorized school district official, I hereby certify that the requirements of Government Code Section 65995 and any other authorized requirements have been complied with by the above signed applicant.

GRANT Authorized School District Official **ROBLA**

Signature Mysty Aguilera
 Title Secretary
 Date 11-24-03

Signature Cindi Jones
 Title Acct Tech
 Date 11/24/03

Original: Grant Joint Union High School District/
 Robla Elementary School District
 1st Copy: Building Department
 2nd Copy: Applicant

OFFICE COPY
 GJHSJ Facilities Planning and Construction Department
 Certificate of Compliance Form (rev. 10/02) bep



**CITY OF SACRAMENTO
BUILDING INSPECTION
DIVISION**

DOWNTOWN (916) 264-7619
1231 I St., Rm. 200, Sacramento 95814
Natomas Center (916) 808-2534
2101 Arena Blvd Suite 200, Sacramento 95814
South Center (916) 000-0000
0000 Pocket Rd. Sacramento 95624
<http://www.sacto.org>

**RESIDENTIAL PLAN REVIEW
2001 CBC Adopted Codes
Effective November 1st, 2002**

PROJECT DESCRIPTION 4373 Fell St DATE 12-1-03 PERMIT No. 0316815

These sheets, when attached to a set of plans, become part of those plans and must remain attached thereto. The approval of this plan and the specifications shall not be held to permit or approve the violation of any City ordinance or State or Federal law. (Note: Authorized agent must provide a letter from Owner verifying Authorization.) (The code requirements circled do not limit the code requirements for this project.)

I have read and will comply with the items in this document and as marked on the plans.

[Signature] Date 12-1-03
Signature of: Owner Authorized Agent Contractor Architect/Engineer

BUILDING CODE REQUIREMENTS

- B-1 **Smoke detector location within dwelling units.** In dwelling units, a detector shall be installed in each sleeping room and at a point centrally located in the corridor or area giving access to each separate sleeping area. When the dwelling unit has more than one story and in dwellings with basements, a detector shall be installed on each story and in the basement. In dwelling units where a story or basement is split into two or more levels, the smoke detector shall be installed on the upper level except that, when the lower level contains a sleeping area, a detector shall be installed on each level. When sleeping rooms are on an upper level, the detector shall be placed at the ceiling of the upper level in close proximity to the stairway. In dwelling units where the ceiling height of a room open to the hallway serving the bedrooms exceeds that of the hallway by 24 inches (610 mm) or more, smoke detectors shall be installed in the hallway and in the adjacent room. Detectors shall sound an alarm audible in all sleeping areas of the dwelling unit in which they are located. In new construction, required smoke detectors shall receive their primary power from a commercial source and have a battery back up. 2001 CBC, Section 310.9.1.
- B-2 **When alteration, repairs, or additions having a value in excess of \$1,000 are made, provide an approved smoke detector to protect existing sleeping rooms.** The detector may be battery operated as per 2001 CBC, Section 310.9.1.2.
Exception: Repairs to the exterior surfaces of a Group R occupancy are exempt from the requirements of this section.
- B-3 **Emergency escape and rescue.** Basements in dwelling units and every sleeping room below the fourth story shall have at least one operable window or door approved for emergency escape or rescue that shall open directly into a public street, public way, yard, or exit court. Escape or rescue windows shall have a minimum net clear openable area of 5.7square feet / 821 SQ. inches. The minimum net clear openable height dimension shall be 24 inches. The minimum net clear openable width dimension shall be 20 inches. Emergency escape or rescue windows shall have a finished sill height not more than 44 inches above the floor. 2001 CBC, Section 310.4.
- B-4 **All Group U occupancies attached to Group R, Division 3 occupancies shall be separated by materials approved for one-hour fire-resistive construction.** The separation may be limited to the garage side only and requires a self-closing, tight fitting solid wood door 1 3/8 inches in thickness or a self-closing, tight fitting door having a fire protection rating of not less than 20 minutes. 2001 CBC, Section 302.4, Exception 3.



NEIL O. ANDERSON & ASSOCIATES, INC.

GEOTECHNICAL • ENVIRONMENTAL • GROUNDWATER • INSPECTIONS • TESTING • LABORATORY SERVICES

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SACRAMENTO OFFICE
4221 Northgate Boulevard, Suite 6
Sacramento, California 95834-1227
(916) 929-9267
FAX: (916) 929-9269

Project Name FELL ST Inspection Date 5-4-04
 Job Number 5104-099 Inspection Time 11:00 AM
 Street 4373 FELL ST. City N. SAC
 Permit # 0316815R Contact GARY WRIGHT
 Client WRIGHT isms const Project Phone# _____
 Technician E.M. Caller Name _____

BOLT PULL INSPECTION

| Maximum Load (lbs) | Number of Bolts | Bolt Type | Bolt Size |
|--------------------|-----------------|---------------|-----------|
| 4300 lbs | 2 | A325 | 5/8" |
| Number Tested | Number Accepted | Number failed | |
| 2 | 2 | 0 | |

Location of Bolts: 2 BOLTS FOR MT22 HD. @
GARAGE WINDOW WALL N.E. COR
OF GARAGE.

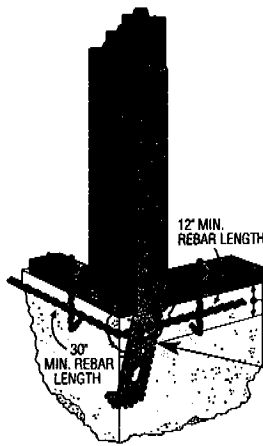
Additional Notes:

Max Load ÷ Cross-sectional Area = Test PSI

Office:
 Time: _____ hours (\$ _____ /hr.)
 Travel: _____ hours (\$ _____ /hr.)
 Mileage: _____ miles (_____ cents/mi)

Technician:
 Time: _____ hours
 Travel: _____ hours
 Mileage: _____ miles

Technician's Signature: [Signature]



SPALLING LOAD REDUCTION!
If strap is bent horizontal 90° during installation, and then bent vertical for nailing to the stud, concrete spalling could result. Load reductions may apply, see installation note.

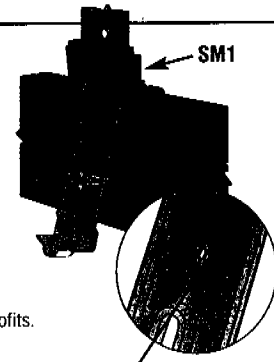
SPALL REDUCTION SYSTEM FOR STHD AND HPAHD

FEATURES

- Secures holdown to wood form-board.
- Allows for proper side-cover.
- Keeps strap vertical.
- Prevents tilting or twisting of strap during the concrete pour.
- Uses one 16d duplex nail.

BENEFITS

- Greatly reduces spalling and costly retrofits.
- Prevents strap movement parallel and perpendicular to plate.
- Decreases possibility of misinstallation of strap to wood member.
- Simple to use:
 - Common jobsite nail.
 - No additional expense.



Keyhole Feature
Patent Pending

When using keyhole feature, care should be taken when removing form boards. If concrete is not set, the duplex nail will move the strap placement.

Anchors

| Model No. Standard / Rim Joist | Min Stem Wall | Strap Length (L) | | l _e | Nails | Avg Ulf @ 2000 psi l _e | Allowable Tension Loads (UP, SP, HF/SPF) (133 & 160) | | | | | | | | | Code Ref. |
|-----------------------------------|---------------|------------------|-----------------|----------------|---------------|-----------------------------------|--|------|------|-------------------|------|------|-------------------|------|------|-----------|
| | | Std Model | Rim Joist Model | | | | 2000 psi Concrete | | | 2500 psi Concrete | | | 3000 psi Concrete | | | |
| LSTHD8 / LSTHD8RJ | 6 | 21% | 35% | 8 | 24-16d sinker | 5918 | 1695 | 1695 | 1695 | 1825 | 1825 | 1825 | 1950 | 1950 | 1950 | 32 |
| STHD8 / STHD8RJ | 6 | 21% | 35% | 8 | 24-16d sinker | 7167 | 1760 | 2050 | 2345 | 1950 | 2210 | 2385 | 2135 | 2370 | 2425 | |
| STHD10 / STHD10RJ | 6 | 23% | 36% | 10 | 28-16d sinker | 10555 | 2035 | 2320 | 2615 | 2210 | 2495 | 2790 | 2535 | 2820 | 2875 | |
| STHD14 / STHD14RJ | 6 | 31% | 39% | 14 | 38-16d sinker | 15080 | 2715 | 3100 | 3595 | 2410 | 2795 | 3190 | 2935 | 3320 | 3375 | |
| LSTHD8 / LSTHD8RJ | 8 | 21% | 35% | 8 | 24-16d sinker | 5918 | 1695 | 1695 | 1695 | 1825 | 1825 | 2335 | 1950 | 1950 | 2975 | |
| STHD8 / STHD8RJ | 8 | 21% | 35% | 8 | 24-16d sinker | 7577 | 2370 | 2370 | 3195 | 2370 | 2370 | 3195 | 2370 | 2370 | 3195 | |
| STHD10 / STHD10RJ | 8 | 23% | 36% | 10 | 28-16d sinker | 11780 | 2715 | 3100 | 3595 | 2410 | 2410 | 3235 | 2370 | 2370 | 3725 | |
| STHD14 / STHD14RJ | 8 | 31% | 39% | 14 | 38-16d sinker | 17453 | 3395 | 3980 | 4575 | 2710 | 2710 | 4035 | 2970 | 2970 | 4575 | |

1. 'RJ' after the model indicates STHDs for rim joist applications, e.g. STHD8RJ.
2. STHD14RJ on 8" stemwall requires 30-16d sinkers, with the (l_e) load at 133% of 4960 lbs.
3. 10d commons or 12d common nails may be used with no load reduction.
4. Minimum nail end distance to prevent splitting is 10 x diameter, 1 1/2" for 10d sinkers, 10d common and 12d common.
5. For two pour with 4" slab or less. The STHD14 load at 1/2" edge 2000 psi is 3235. The STHD10 at the same condition is 2035.

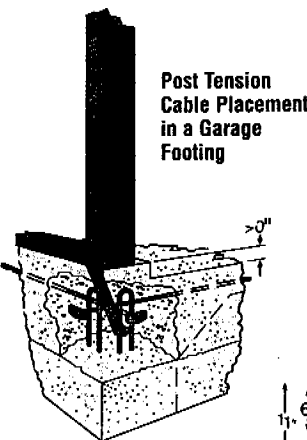
6. Allowable loads have been increased 33% and 60% for earthquake or wind loading with no further increase allowed; reduce where other loads govern.
7. Strap may be bent one full cycle.
8. Calculate loads using straight line interpolation for corner distances between 1/2" and l_e.
9. STHD14 and STHD14RJ installed on HF/SPF: the l_e load is 5280 lbs.

POST-TENSION INFORMATION

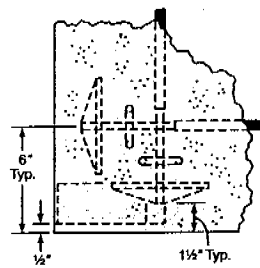
DETAIL 2

| Model No. | Distance from Corner | Fasteners | Allowable Uplift Loads (133) | Code Ref. |
|-------------------|----------------------|----------------|------------------------------|-----------|
| HPAHD22 | 1/2" Min | 13-16d | 2705 | 170 |
| | 8" Min | 23-16d | 4570 | |
| LSTHD8 / LSTHD8RJ | 1/2" Min | 24-16d sinkers | 1695 | 32 |
| | 8" Min | 24-16d sinkers | 1695 | |
| STHD8 / STHD8RJ | 1/2" Min | 24-16d sinkers | 2055 | 32 |
| | 8" Min | 24-16d sinkers | 2345 | |
| STHD10 / STHD10RJ | 1/2" Min | 28-16d sinkers | 2055 | 32 |
| | 10" Min | 28-16d sinkers | 3185 | |

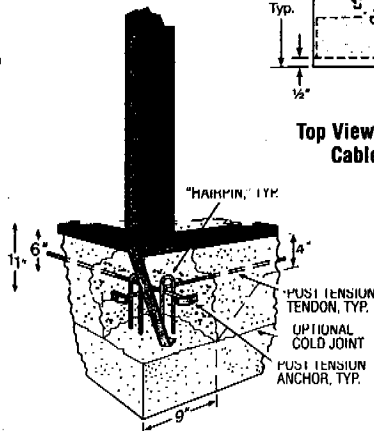
1. Minimum concrete strength is 2500 psi.
2. Post-tension steel is minimum 1/2" diameter, 7-wire, low-relaxation strand in accordance with ASTM A416, Grade 270 ksi, with a guaranteed ultimate strength of 41.3 k.
3. Anchorage is monostrand-type anchor system with current ICBO approval using a ductile iron casting of at least 2.25" x 4.5" of bearing and reusable pocket formers on all stressing ends.
4. It is the designer's responsibility to provide reinforcement to tie cold-joints and to resist bending stresses in the foundation due to anchor uplift.



DETAIL 1
When installed on a raised curb, use Stemwall installation and loads (page 32) (rebar required).



Top View of Post Tension Cable Placement



DETAIL 2
Post Tension Cable Placement Corner Installation (no rebar required)

The HTT22 is a single-piece formed tension tie—no rivets, and a 4-ply formed seat which won't unfold during loading. No washers required. The LTT19 Light Tension Tie is designed for 2x joists or purlins and the LTT20B is for nail- or bolt-on applications. The 3" nail spacing makes the LTT20B suitable for wood I-joists if 10dx1½" nails are substituted for the specified 16d's.

The LTTI31 is designed for wood chord open web truss attachments to concrete or masonry walls.

MATERIAL: See table

FINISH: Galvanized. May be ordered HDG; check factory.

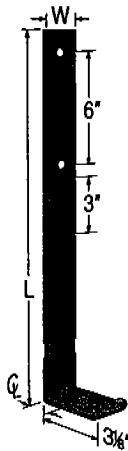
INSTALLATION: • Use all specified fasteners. See General Notes.

- Use the specified number and type of nails to attach the strap portion to the top or side of purlin or beam (minimum 4x width (2-2x4 or 4x4), except LTT19). Bolt the base to the wall or foundation with a suitable anchor; see table for the required bolt diameter.
- Do not install LTT and MTT tension ties raised.
- The HTT22 can be substituted for the MTT28B.
- See Epoxy-Tie Adhesive System, pages 22 for tested, load-rated epoxies for anchor bolt options.

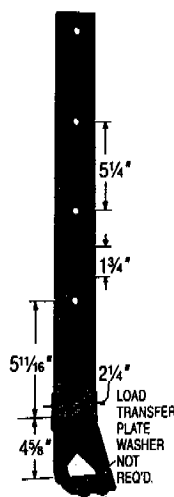
CODES: See page 10 for Code Listing Key Chart.



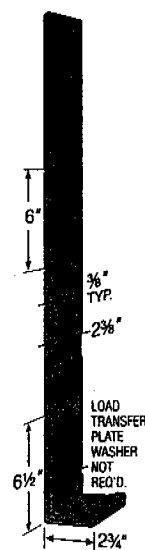
HTT22
(HTT16 similar)
U.S. Patent 5,467,570



LTT20B

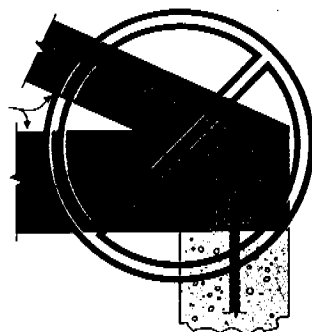


MTT28B
U.S. Patent 4,744,192



LTTI31

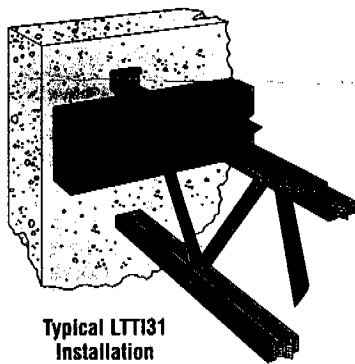
Anchors



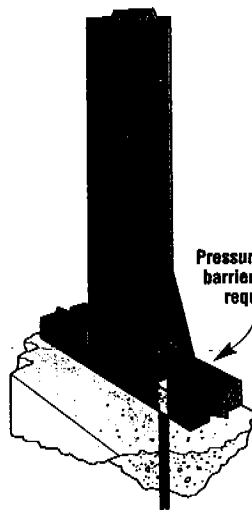
Do not modify the MTT28B.

Do not rotate the MTT28B's strap around the rivet. The strap must be in line vertically with the body of the holdown to achieve table loads.

See Girder Tiedown Connectors on page 126 for installation solutions.

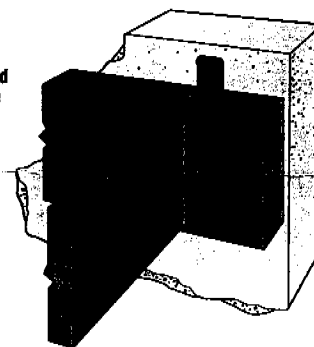


Typical LTTI31 Installation



Typical HTT22 Installation as a Holdown

Pressure-treated barrier may be required.



Typical LTT19 Installation (LTT20B similar)

| Model No. | Material (Ga) | | Dimensions | | | Seat Thickness | Fasteners | | Avg Ull Tension | Allowable Tension Loads - SPF/HF | | | | Deflection at Highest Allowable Design Load | Code Ref. | | | | |
|---------------------|---------------|-------|------------|--------|-------|----------------|-----------------|----------------|-----------------|----------------------------------|-------|-------|-------|---|-----------|------|-------|-----------|----|
| | Strap | Plate | W | L | ϕ | | Anchor Bolts | Nails | | (133) | | (160) | | | | | | | |
| | | | | | | | | | | Nails | Nails | Nails | Nails | | | | | | |
| LTT19 | 16 | 3 | 1 1/4 | 19 1/2 | 1 3/8 | 5/16 | 3/4 | 8-16d Sinkers | — | — | 1205 | — | 1350 | — | 1085 | 1305 | 0.107 | 2, 40, 82 | |
| LTT20B ⁵ | 12 | 3 | 2 | 19 1/2 | 1 1/8 | 5/16 | 1/2, 5/8 or 3/4 | 10-16d | 2 | 1/2 | 8733 | 1750 | 1220 | 1750 | 1675 | 1750 | 0.164 | 2, 40, 82 | |
| LTTI31 | 18 | 3 | 3 3/4 | 31 | 1 1/8 | 1/4 | 3/4 | 18-10dx1 1/2 | — | — | 7770 | — | — | — | 1985 | 2310 | 0.125 | 6, 40, 82 | |
| HTT16 | 11 | — | 2 1/2 | 16 | 1 1/8 | 7/16 | 3/4 | 18-16d | — | — | 13150 | — | — | — | 3080 | 3695 | 0.037 | 30, 99 | |
| HTT22 | 11 | — | 2 1/2 | 22 | 1 3/8 | 7/16 | 3/4 | 32-16d Sinkers | — | — | 13150 | 5250 | — | — | 4670 | 5250 | 0.087 | 40, 99 | |
| MTT28B | 12 | 7 | 2 1/8 | 27 | 1 1/2 | 3/8 | 3/4 or 1 | 24-16d | 4 | 1/2 | — | 1485 | 2150 | 4455 | 2725 | 4140 | 4455 | 0.125 | 40 |

1. Allowable loads for HTT are based on the lower of the 2001 NDS fastener values or the ultimate load on a steel test jig divided by 2.5.
2. 16d sinkers (9 ga x 3 1/4") or 10d commons may be substituted for the specified 16d commons at 0.85 of the table loads.
3. The designer must specify anchor bolt type, length and embedment.
4. Allowable loads have been increased 33% and 60% for earthquake or wind loading with no further increase allowed; reduce where other loads govern.
5. Bolt values are based on a minimum lumber thickness of 1 1/2".
6. If a 1/2" or 5/8" anchor bolt is used for the LTT20B, add a standard cut washer to the seat. No additional washer is required for a 3/4" anchor bolt. See table for appropriate anchor bolt sizes.
7. HTT22 holdown installed raised off the plate has a reduced load of 5190 lbs. HTT16 installed raised off the plate will achieve the table loads.

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