| DIST | COUNTY | ROUTE | KILOMETER POST TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|---|
| | | | | | |

Caltrans Metric

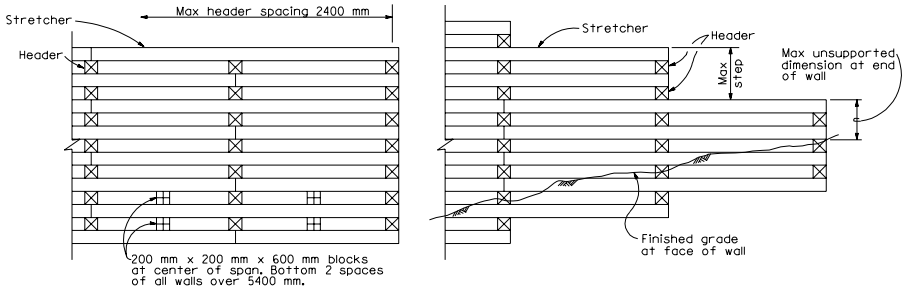
REGISTERED CIVIL ENGINEER

July 1, 1999

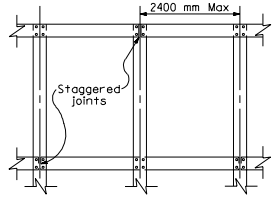
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER James C. Moore No. C16576 Exp. 6-30-01 CIVIL STATE OF CALIFORNIA

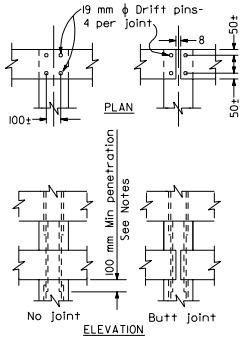
*The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.*




OPEN FACE CRIB PARTIAL ELEVATIONS

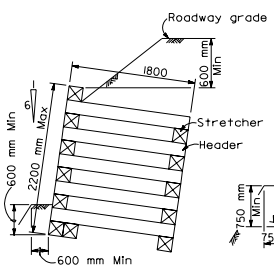



TYPICAL PLAN VIEW

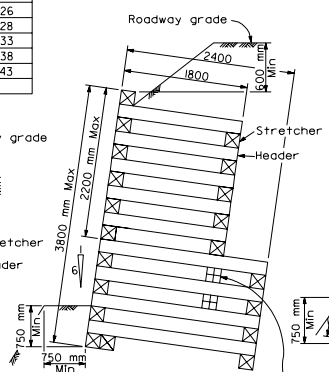



TYPICAL END CONNECTIONS

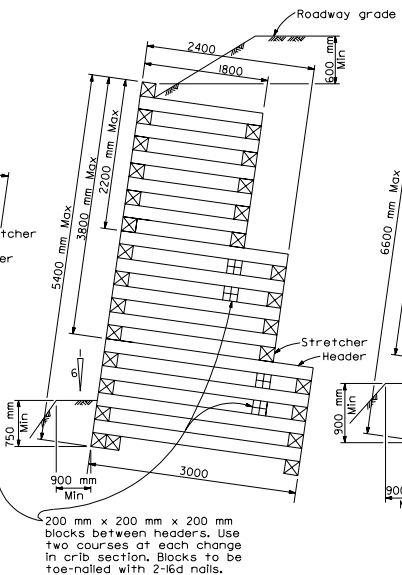
| TIMBER PER 2400 mm CRIB SECTION | | | | | |
|---|---|---|---|---|---|
| HEIGHT OF WALL | HEADERS 1800 | 2400 | 3000 | 3600 | STRETCHERS |
| 1400 | 3 | | | | 8 |
| 1800 | 4 | | | | 10 |
| 2200 | 5 | | | | 12 |
| 2600 | 4 | 2 | | | 14 |
| 3000 | 5 | 2 | | | 16 |
| 3400 | 5 | 3 | | | 18 |
| 3800 | 5 | 4 | | | 20 |
| 4200 | 5 | 3 | 2 | | 22 |
| 4600 | 5 | 4 | 2 | | 24 |
| 5000 | 5 | 4 | 3 | | 26 |
| 5400 | 5 | 4 | 4 | | 28 |
| 5800 | 5 | 4 | 3 | 2 | 33 |
| 6200 | 5 | 4 | 4 | 2 | 38 |
| 6600 | 5 | 4 | 4 | 3 | 43 |



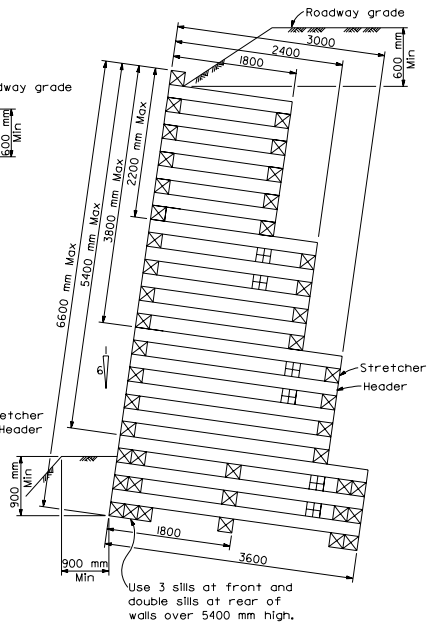

TYPE A




TYPE B




TYPE C




TYPE D

NOTES

1. All timber to be treated 200 mm x 200 mm full sawn No.1 grade douglas fir-larch. All members to be pre-cut before treatment.
2. Drift pins and holes to be 19 mm ϕ.
3. Drift pins to be of sufficient length to penetrate thru 2 members and 100 mm minimum into the third member. Drift pins shall cross each contact joint between headers and stretchers. Pins may lap, provided edge or end distance to pins is not less than 45 mm.
4. All stretchers to be laid horizontal.
5. Vertical walls are not permitted.
6. Maximum allowable height is 6600 mm.
7. All walls 5400 mm high or under shall have double sills at front and single sill at rear. When wall exceeds 2200 mm, 3800 mm, or 5400 mm, use a minimum of two courses of next longer headers.
8. For Design Data see Standard Plan C9B.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

# TIMBER CRIB WALL TYPES A, B, C AND D

NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

C9A

1999 STD. PLAN C9A