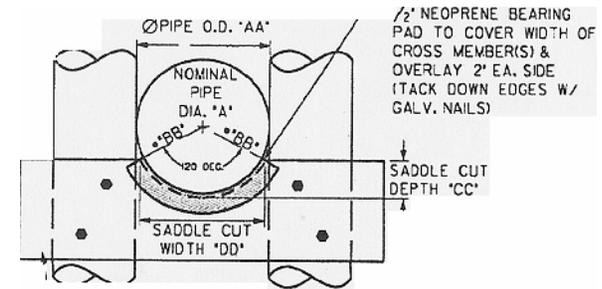
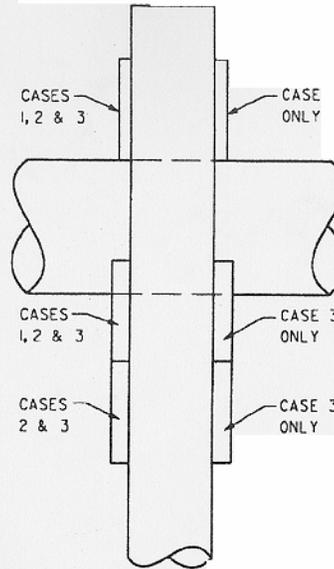
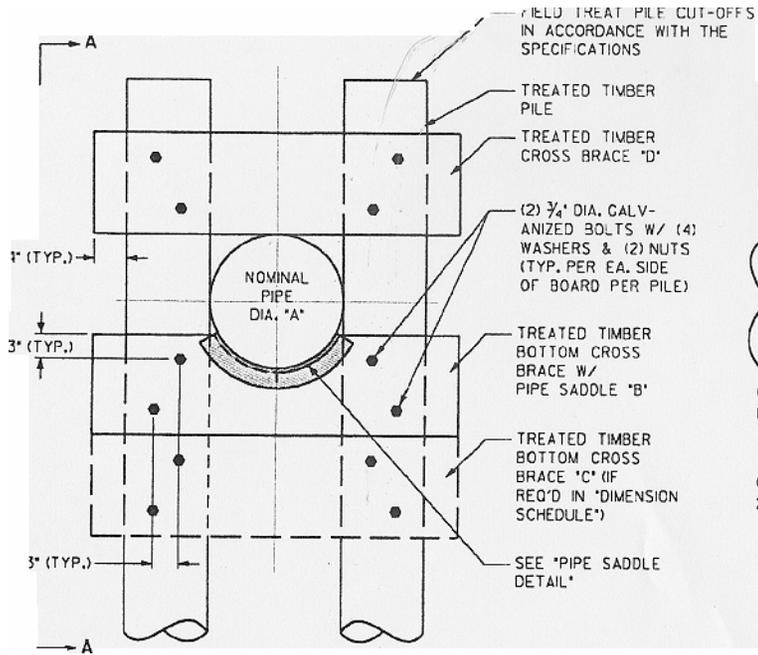


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APPENDIX M
TIMBER PILE SUPPORTS
FOR
D.I. SANITARY SEWER PIPE

(1, DRAWING)

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'O SADDLE CUT
TREATED TIMBER BDT10M CRDSS BRACE
W/ PIPE SADDLE 'B'

DIMENSION SCHEDULE

| ASE NO. | 'A' | 'B' | 'C' | 'D' |
|---------|---------|--|--|--|
| CASE 1 | 8"-16" | 1 EA. 3x12 | NOT REQ'D | 1 EA. 2x12 |
| CASE 2 | 18"-24" | 1 EA. 3x12 | 1 EA. 3x12 | 1 EA. 2x12 |
| CASE 3 | 30"-36" | 2 EA. 3x12 (1 EACH SIDE OF PILE) | 2 EA. 3x12 (1 EACH SIDE OF PILE) | 2 EA. 2x12 (1 EACH SIDE OF PILE) |

TIMBER PILE SUPPORT DETAIL

N.T.S.

SECTION 'A-A'
N.T.S.

NOTES:

1. SUPPORT STRUCTURES SHALL BE PLACED AT EVERY JOINT. 18' TO 20' ON CENTER TYPICAL, DEPENDING ON LAYING LENGTH OF PIPE.
2. SEE STANDARD SPECIFICATIONS PARAGRAPH 12.26 FOR MATERIAL SPECIFICATIONS.
3. TREATED TIMBER PILES SHALL HAVE A MINIMUM TIP DIAMETER OF 6. UNLESS DIRECTED OTHERWISE BY OWNER.
4. LENGTH OF PILES TO BE DETERMINED BY GEOTECHNICAL ENGINEER. MAWSS S'AFF. OR AS FIELD-CONDITIONS WARRANT.

| PIPE SADDLE DIMENSION SCHEDULE | | | | |
|--------------------------------|--------|--------|-------|--------|
| 'A' | 'AA' | 'BB' | 'CC' | 'DD' |
| 8' | 9.05' | 10.05' | 2.51' | 8.70' |
| 10' | 11.10' | 12.10' | 3.03' | 10.48' |
| 12' | 13.20' | 14.20' | 3.55' | 12.30' |
| 14' | 15.30' | 16.30' | 4.08' | 14.12' |
| 16' | 17.40' | 18.40' | 4.60' | 15.93' |
| 18' | 19.50' | 20.50' | 5.13' | 17.75' |
| 20' | 21.60' | 22.60' | 5.65' | 19.57' |
| 24' | 25.80' | 26.80' | 6.70' | 23.21' |
| 30' | 32.00' | 33.00' | 8.25' | 28.58' |
| 36' | 38.30' | 39.30' | 9.83' | 34.03' |

PIPE SADDLE DETAIL

N.T.S.

TIMBER PILE SUPPORTS FOR D. I. SANITARY SEWER PIPE