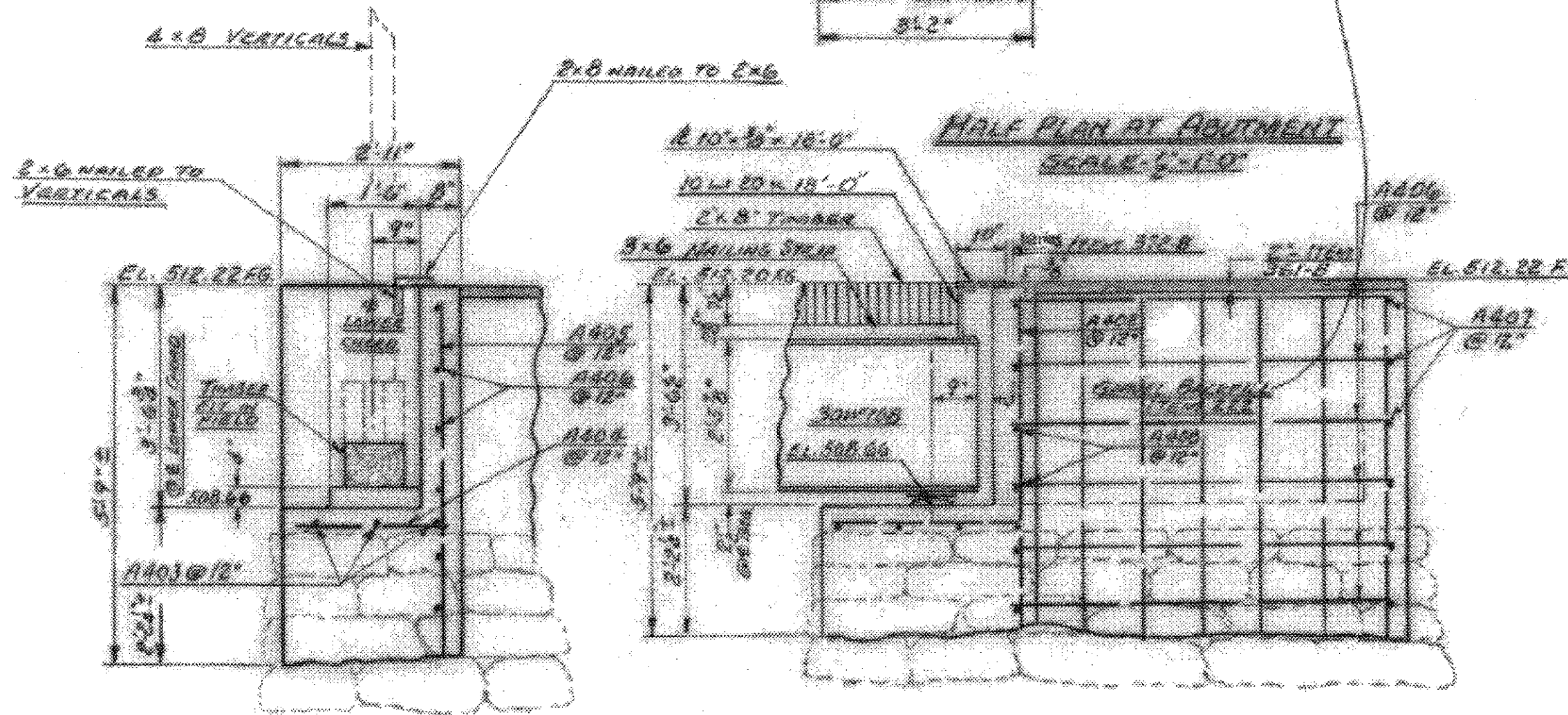
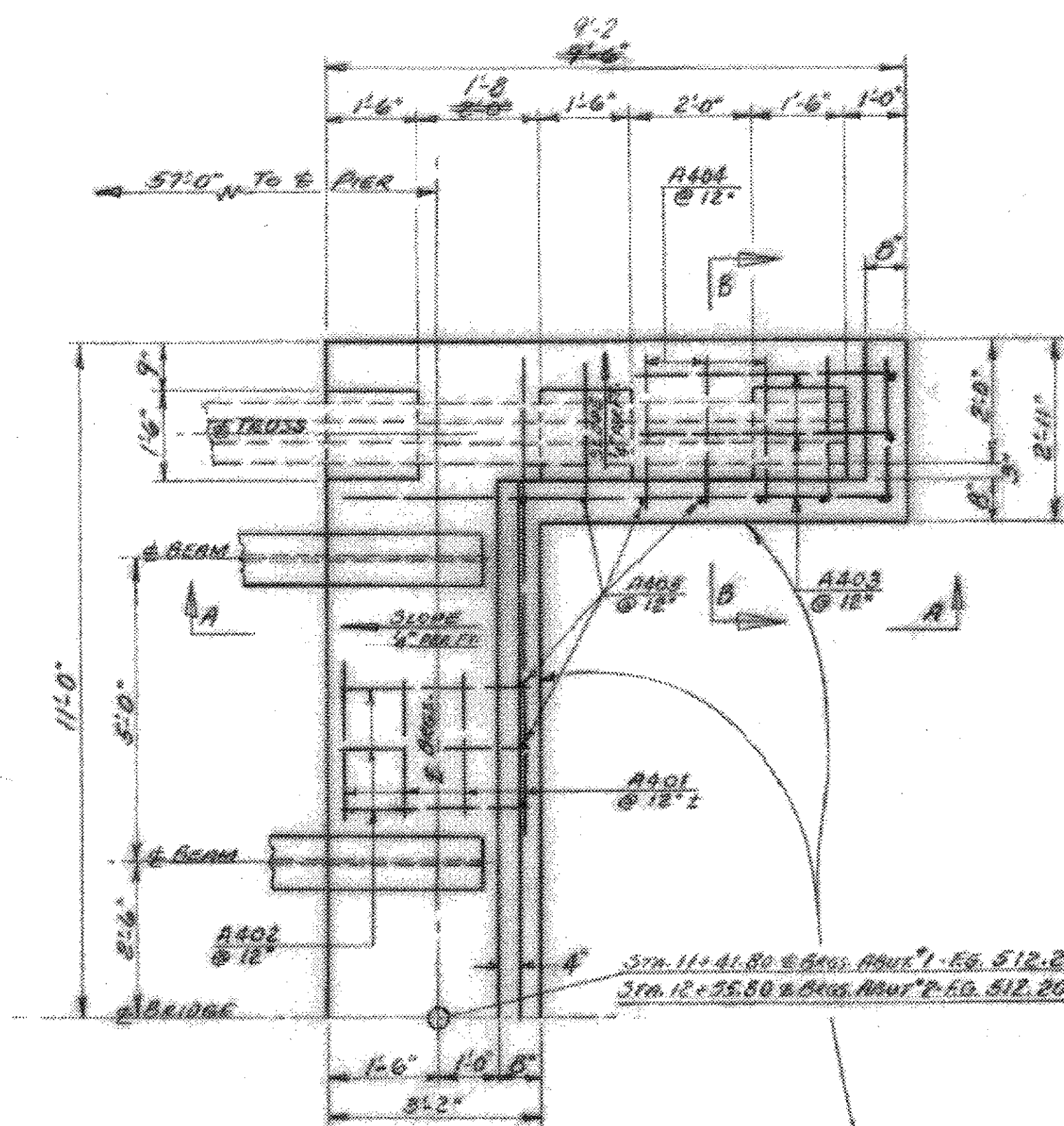
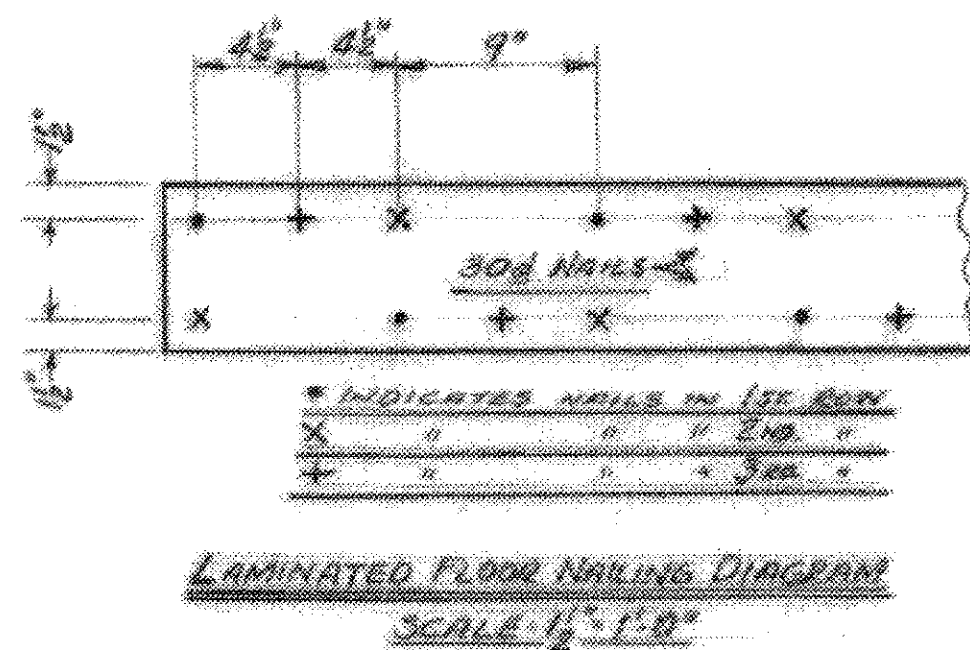


TYPICAL SECTION
SCALE: 3/4"=1'-0"



SECTION B-B
SCALE: 1/2"=1'-0"

SECTION A-A
SCALE: 1/2"=1'-0"



LAMINATED FLOOR NAILING DIAGRAM
SCALE: 1/2"=1'-0"

- GENERAL NOTES -

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE STATE OF VERMONT, DEPARTMENT OF HIGHWAYS, STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, DATED JAN. 1956 AND THE AASHTO STANDARD SPECS. DATED 1961.
2. ANY STRUCTURAL TIMBER USED IN THE REPAIR OF THE EXISTING SUPERSTRUCTURE (CHORDS, ARCHES, VERTICALS, DIAGONALS, OR SHEATHING) SHALL BE OF A GRADE COMPATIBLE TO THE ADJACENT MEMBERS.
3. IF THE CAMBER OF THE SLOTTED JOISTS VARIES, THE THICKNESS OF THE 3x6 NAILING STRIPS SHALL VARY SO AS TO INSURE AN EVEN READING FOR THE 2x8 LAMINATED FLOORING.
4. EACH 2x8 STRUCTURAL TIMBER OF THE LAMINATED FLOORING SHALL BE 78d-NAILED AT EACH CROSSING OF A 3x6 NAILING STRIP.
5. THE COST OF NAILS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 512, STRUCTURAL TIMBER.
6. THE COST OF ANY HARDWARE USED FOR TRUSS REPAIR SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 404-A, STRUCTURAL STEEL.
7. THE THICKNESS OF STRUCTURAL TIMBER BLOCKING, UNDER THE BOTTOM CHORDS AT THE ABUTMENTS, MAY VARY, AND SHALL BE FITTED IN THE FIELD.
8. ALL EXPOSED EDGES OF CONCRETE WORK TO BE CHAMFERED ONE INCH BY ONE INCH. CONCRETE IN ABUTMENTS TO BE ITEM 404-B, CONCRETE CLASS B (MOD).
9. THE TEMPORARY BRIDGE PROVIDED FOR BY ITEM 441 SHALL BE CONSTRUCTED FOR FOOT TRAFFIC ONLY.
10. THE GRADING OF APPROACHES AND THE USE OF ITEM 361-B, BITUMINOUS CONCRETE PAVEMENT, SHALL BE DIRECTED BY THE RESIDENT ENGINEER.
11. 2x8 STRUCTURAL TIMBERS FOR THE LAMINATED BRIDGE ROSE SHALL CONFORM TO THOSE REQUIREMENTS. ALL JOINTS SHOULD BE STAGGERED AS DIRECTED BY THE RESIDENT ENGINEER. MINIMUM LENGTH OF A 2x8 STRUCTURAL TIMBER SHALL BE 6 FEET. EVERY OTHER 2x8 STRUCTURAL TIMBER SHALL BE FULL LENGTH.

- QUANTITY SUMMARY -

| ITEM NO. | ITEM | UNIT | NET | OVERBLN | TOTAL | FINAL |
|----------|------------------------------------|--------|-----|---------|--------|--------|
| 106-A | CHAN EXCAV. OF EARTH | C.Y. | | | | |
| 106-B | CHAN EXCAV. OF ROCK | C.Y. | | | | |
| 106-C | UNCLASS. CHAN EXCAV | C.Y. | | | | |
| 107 | STRUCT. EXCAV | C.Y. | | | | |
| 401-B | CONC. CLASS B (MOD) (EST) | C.Y. | | | 110 | 104 |
| 402 | REINF. STEEL | LBS. | | | 6755 | 6752 |
| 407 | ASPHALTIC. ASB. COATING | S.Y. | | | | |
| 502-B | TREATED TIMBER PILING | L.F. | | | | |
| 511-A | PLANK GUARD RAIL WITH FREQ. TREAT. | L.F. | | | 1121 | 112 |
| 507 | SWAGING SUPERSTRUCTURE (MOD) | L.S. | | | 11 | 1 |
| 512 | STRUCTURAL TIMBER (MOD) | M.B.F. | | | 221 | 22 |
| 222 | GRAVEL BACKFILL (EST) | C.Y. | | | 40 | 39 |
| 361-B | BIT. CONCRETE PAVEMENT (MOD) (EST) | TON | | | 81 | 8 |
| 372-B | JOINT SEALER OLD APPLIED | L.F. | | | 351 | 35 |
| 404-A | STRUCTURAL STEEL | L.B. | | | 62,700 | 61,570 |
| 441-A | Temp One-way Bridge (Mod) (Est) | L.S. | | | 11 | 1 |
| 442 | Removal of Present Superst. (MOD) | L.S. | | | 1 | 1 |

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

TOWN OF **THETFORD**
ROAD No. **29** BRIDGE No. **27**

ABUTMENT DETAILS
& TYPICAL SECTION

SCALE AS NOTED
SURVEYED BY **FALL & MERCHANT**
DRAWN BY **CRG/MS** CHECKED BY **R.P.G.**
PROJECT No. **TF-26-1961**
SHEET **2** OF **10**