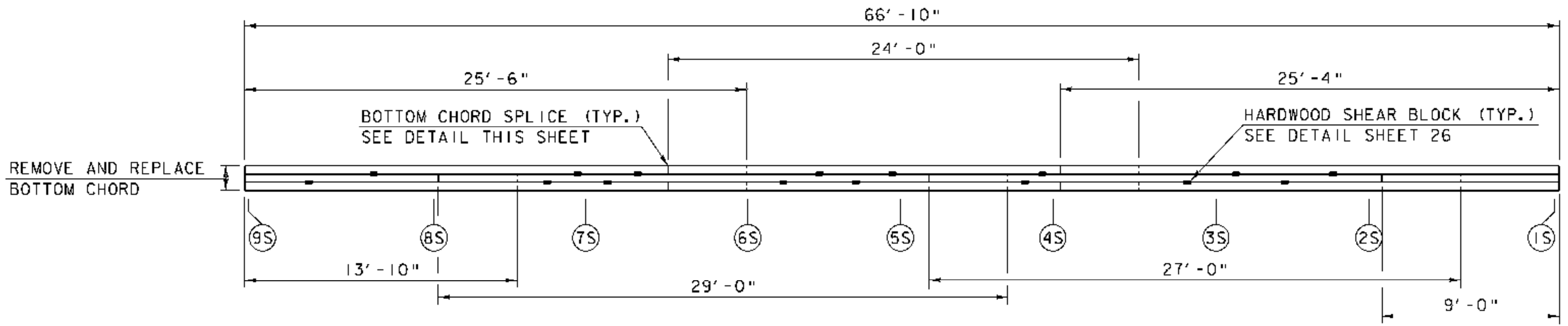


TYPICAL TRUSS SECTION
SCALE: 1/4" = 1'-0"

SOUTH TRUSS ELEVATION
(LOOKING SOUTH)
SCALE: 1/4" = 1'-0"



BOTTOM CHORD PLAN (CHORD 2)

NOTE: BOTTOM CHORD NOT SHOWN AS SHADED FOR CLARITY.
SCALE: 1/4" = 1'-0"

| PROPOSED AND AS-BUILT TRUSS CAMBER (INCHES) | | | | |
|---|------|------|------|--|
| NODES | (1) | (2A) | (2B) | |
| 1 | 0.00 | 0.00 | 0.00 | |
| 2 | 1.95 | 2.64 | 1.92 | |
| 3 | 3.97 | 3.84 | 3.12 | |
| 4 | 5.50 | 4.80 | 4.32 | |
| 5 | 6.00 | 4.80 | 4.92 | |
| 6 | 5.50 | 4.56 | 4.32 | |
| 7 | 3.97 | 2.64 | 2.64 | |
| 8 | 1.95 | 0.84 | 0.72 | |
| 9 | 0.00 | 0.00 | 0.00 | |

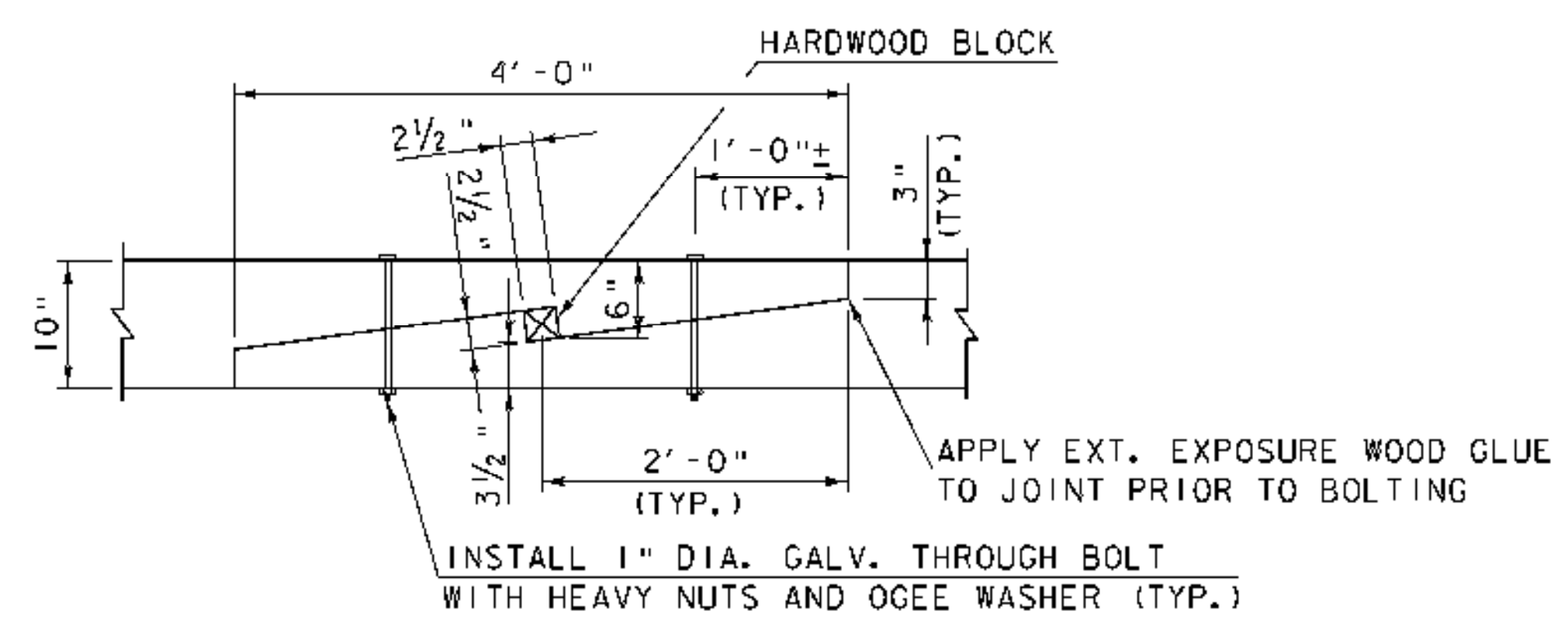
(1) PROPOSED CAMBER PRIOR TO RELEASE
(2A) AS-BUILT CAMBER NORTH TRUSS
(2B) AS-BUILT CAMBER SOUTH TRUSS

PLAN NOTES:

- EXISTING MAXIMUM SAG IN SOUTH TRUSS WITH STEEL SUPPORT BEAMS IN PLACE IS 12", WHILE IN NORTH TRUSS IS 9.6" AS OF OCTOBER 31, 2007.
- THE REFERENCE LINE IS A STRAIGHT LEVEL LINE AT THE BOTTOM FACE OF THE BOTTOM CHORD THAT CONNECTS NODES 1S & 9S OF THE SOUTH TRUSS AND NODES 1N & 9N OF THE NORTH TRUSS.
- PROPOSED TRUSS CAMBER IS GIVEN AT NODE POINTS AT THE TOP OF CHORD 2. ALL VALUES ARE MEASURED FROM THE REFERENCE LINE. NEGATIVE VALUE INDICATES DOWN DIRECTIONS (SAG).
- THE TEMPORARY BRIDGE SHORING SHALL BE IN PLACE PRIOR TO THE START OF REALIGNMENT OPERATIONS.
- EXISTING DIAGONAL MEMBERS SHALL BE SECURED DURING REALIGNMENT AS THEY MAY BECOME LOOSE AT THE JOINT. UPON COMPLETION OF REALIGNMENT, HARDWOOD SHIMS SHALL BE INSERTED AS REQUIRED INTO THE TRUSS DIAGONAL CONNECTIONS. ALL SHIMS SHALL BE DRIED TO A MAXIMUM MOISTURE CONTENT OF 16%. THE USE OF GREEN SHIMS WILL NOT BE ALLOWED.
- THE CONTRACTOR SHALL PROVIDE THE RESIDENT ENGINEER WITH THE MEASUREMENTS OF THE AS BUILT CAMBER.
- SEE SHEET 26 FOR NOTES THAT APPLY TO THIS SHEET.
- SEE SHEET 29 FOR TRUSS DETAILS.

LEGEND:

- (IN) TRUSS NODE
- [Hatched Box] TRUSS MEMBER TO BE REPLACED
- [Solid Box] NEW MEMBER
- [1] RECONNECT JOINT WITH ONE 5/8" DIA. x 5" LONG GALV. LAG SCREW THROUGH TENON ON OUTSIDE FACE. COUNTER SINK HEAD
- [2] TOE NAIL WITH 2-20d COMMON NAILS



BOTTOM CHORD SPLICE ELEVATION DETAIL
SCALE: 1" = 1'-0"

SCALE: 1/4" = 1'-0"
1 0 2 4 6

SCALE: 1" = 1'-0"
1 9 6 3 0 1 2

| | |
|-----------------|---------|
| MODEL | Default |
| HTA PROJECT NO. | 904213 |

PROJECT NAME: FAIRFIELD
PROJECT NUMBER: BHO 1448(32)

FILE NAME: Z04J144sup4.dgn
PROJECT LEADER: J.H.WEAVER
DESIGNED BY: J.BICJA
SOUTH TRUSS ELEV. AND CHORD PLAN

PLOT DATE: 4/25/2008
DRAWN BY: J.B.MCQUAID
CHECKED BY: S.T.JAMES
SHEET 28 OF 36