

ROOF TRUSSES

ROOF TRUSSES SHALL BE FABRICATED AND PROPERLY STAMPED WITH IDENTIFICATION BY A TRUSS FABRICATOR APPROVED BY LOCAL MUNICIPAL BOARD OF BUILDING APPEALS OR OTHER GOVERNING AUTHORITIES.
DESIGN AND FABRICATION CRITERIA OF WOOD TRUSSES SHALL MEET NATIONAL DESIGN SPECIFICATIONS FOR STRUSS GRADE LUMBER AND ITS FASTENERS BY NATIONAL FOREST PRODUCTS ASSOCIATION, TIMBER CONSTRUCTION STANDARDS AND DESIGN SPECIFICATIONS FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES.
LUMBER USED FOR TRUSS MEMBERS SHALL CONFORM TO PUBLISHED STRESS RATINGS FOR SPECIES AND GRADES AS SET OUT IN THE OFFICIAL GRADING RULES OF APPROPRIATE LUMBER CONSTRUCTION.
TRUSS CONNECTOR PLATES SHALL BE MANUFACTURED FROM ONLY PRIME COMMERCIAL QUALITY GALVANIZED SHEET STEEL OF NO LESS THAN 20 GAUGE THICKNESS WHICH HAS A MINIMUM YIELD OF 33,000 PSI.
TRUSS MANUFACTURER SHALL PROVIDE THREE COPIES OF TRUSS DESIGNS, SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF OHIO, TO THE LOCAL BUILDING DEPT. FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.

FABRICATED TRUSSES AND SUBASSEMBLIES SHALL BE HANDLED WITH CARE SO THAT THEY ARE NOT SUBJECT TO DAMAGE. IF THE TRUSSES ARE TO BE STOCKPILED OR SORTED PRIOR TO ERECTION, THEY SHALL BE SET IN VERTICAL POSITIONS, RESTING UPON TEMPORARY BEARING SUPPORTS AND BRACED SO THAT THEY WILL BE SUBJECTED TO NO UNUSUAL BENDING OR TIPPING OVER.
ALL TRUSS MEMBERS SHALL BE ACCURATELY CUT TO KEEP HORIZONTAL BENDING OF TRUSSES TO A MINIMUM.
TO ENSURE THE OVERALL RIGIDITY OF THE ROOF SYSTEM, THE PERMANENT STRUCTURAL CROSS-BRACING SHALL BE IN ACCORDANCE WITH THE TRUSS MANUFACTURER SPECIFICATIONS.
PROPER ERECTION BRACING SHALL BE INSTALLED TO HOLD THE TRUSSES TRUE AND PLUMB AND IN SAFE CONDITION UNTIL PERMANENT TRUSS BRACING AND BRIDGING CAN BE SOLIDLY NAILED IN PLACE TO FORM A STRUCTURALLY SOUND ROOF FRAMING SYSTEM. ALL ERECTION AND PERMANENT BRACING SHALL BE INSTALLED AND ALL COMPONENTS PERMANENTLY FASTENED BEFORE APPLICATION OF ANY LOADS.
FIELD ERECTION OF TRUSSES, INCLUDING ITEMS SUCH AS PROPER HANDLING, SAFETY PRECAUTIONS, TEMPORARY BRACING TO PREVENT TOPPLING OR DOMING OF TRUSSES DURING ERECTION, AND ANY OTHER SAFEGUARDS OR PROCEDURES CONSISTENT WITH GOOD WORKMANSHIP AND GOOD BUILDING ERECTION PRACTICES SHALL BE THE RESPONSIBILITY OF THE ERECTION CONTRACTOR.

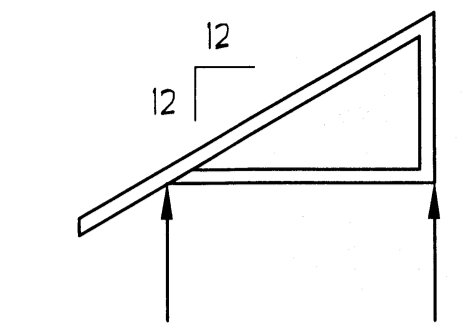
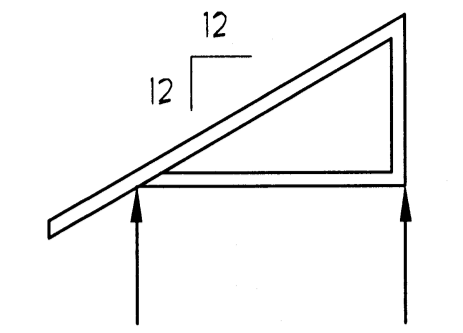
ALL HANDLING, INSTALLATION AND BRACING SHALL BE IN ACCORDANCE WITH CURRENT TPI (TRUSS PLATE INSTITUTE) RECOMMENDATIONS.
DURING THE ENTIRE CONSTRUCTION PERIOD, ALL CONTRACTORS SHALL PROVIDE MEANS FOR ADEQUATE DISTRIBUTION OF CONCENTRATED LOADS SO THAT THE CARRYING CAPACITY OF ANY ONE TRUSS AND / OR OTHER COMPONENT IS NOT EXCEEDED.
TRUSS BRACING
PROVIDE PERMANENT AND TEMPORARY BRIDGING / BRACING AS REQUIRED BY TRUSS MANUFACTURER SPECIFICATIONS.
DRAFT STOPPING
PROVIDE SOFFIT DRAFT STOPPING AND FIRE STOPPING EVERY 20' O.C.

ROOF TRUSS NOTE:

TRUSS MANUFACTURER SHALL PROVIDE AND SUBMIT ENGINEER SEALED DRAWINGS IN SHOP DRAW FORMAT TO THE GOVERNING BUILDING DEPARTMENT FOR REVIEW AND APPROVAL.

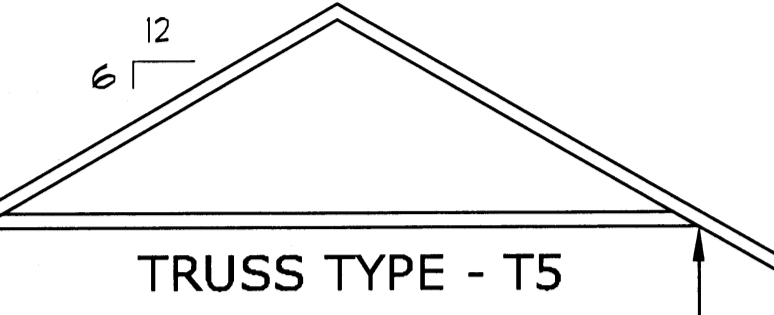
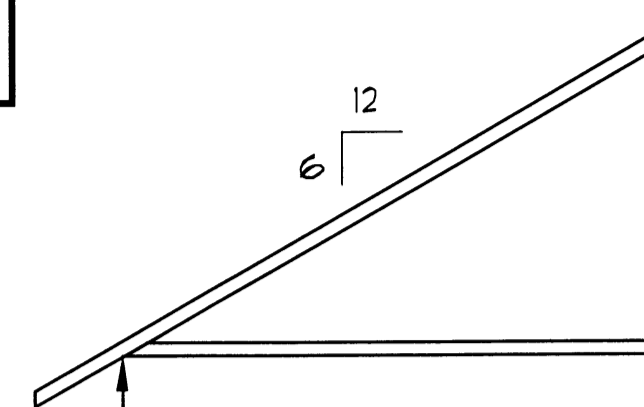
ROOF DESIGN LOADS:

LIVE LOAD	25 P.S.F.
DEAD LOAD	10 P.S.F.
TOP CHORD	10 P.S.F.
BOT. CHORD	10 P.S.F.
TOTAL LOAD	45 P.S.F.



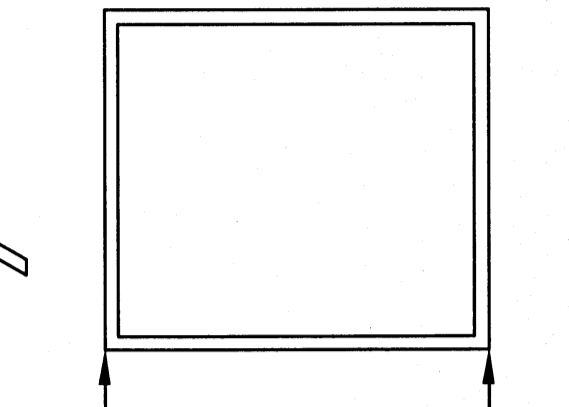
TRUSS TYPE - T4

TRUSS GIRDER - TG5

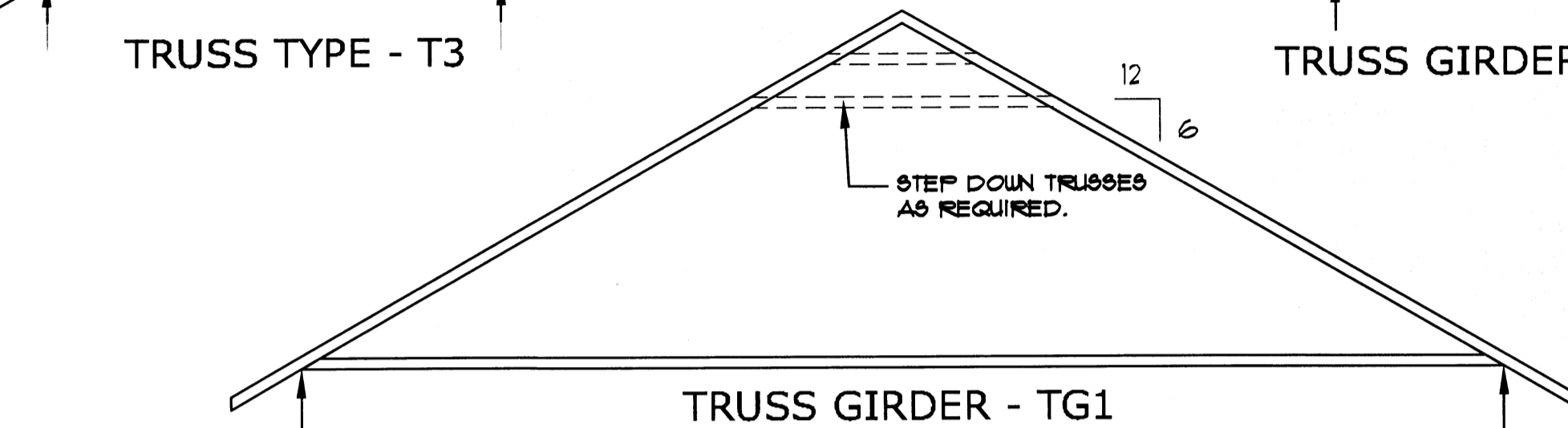


TRUSS TYPE - T3

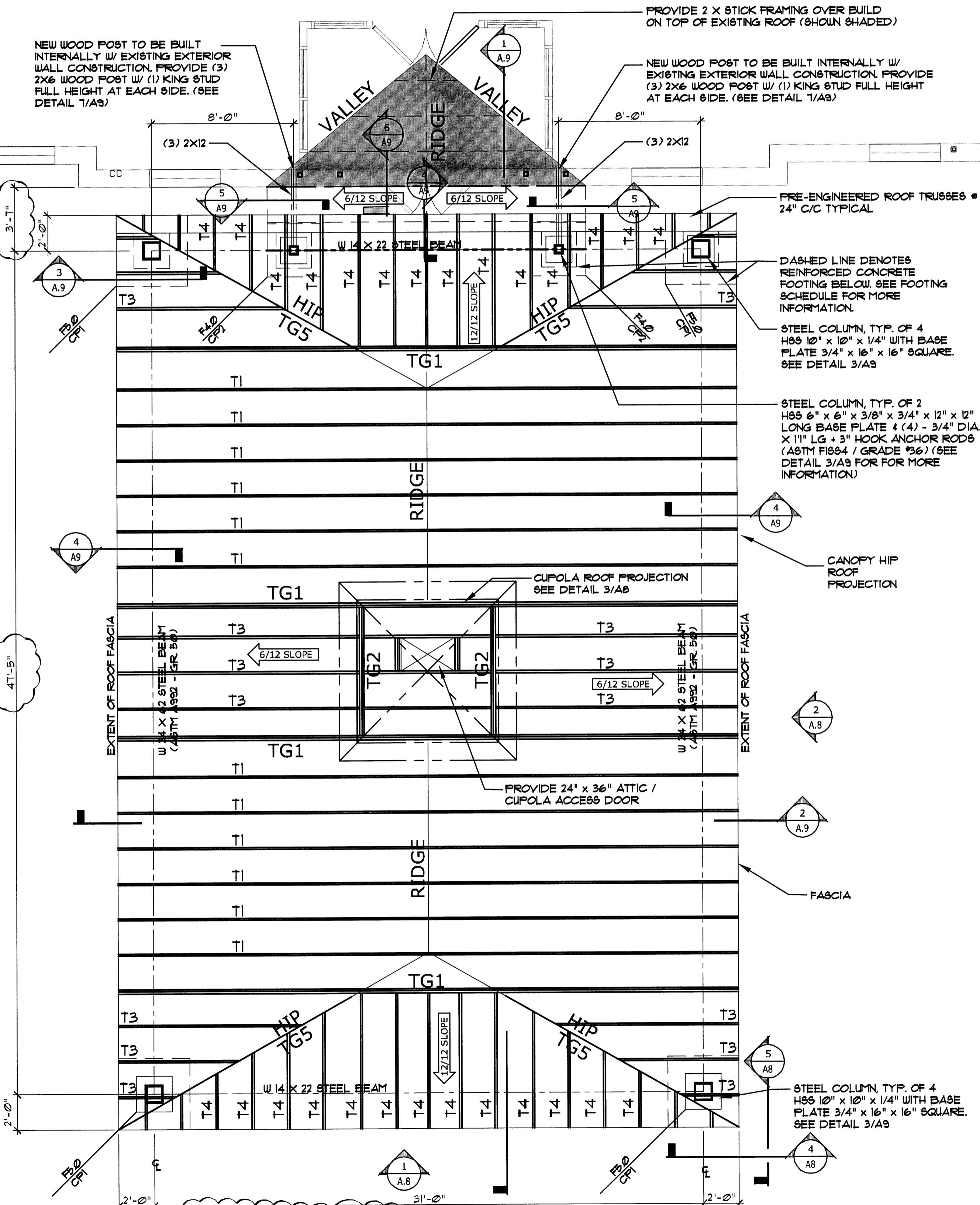
TRUSS TYPE - T5



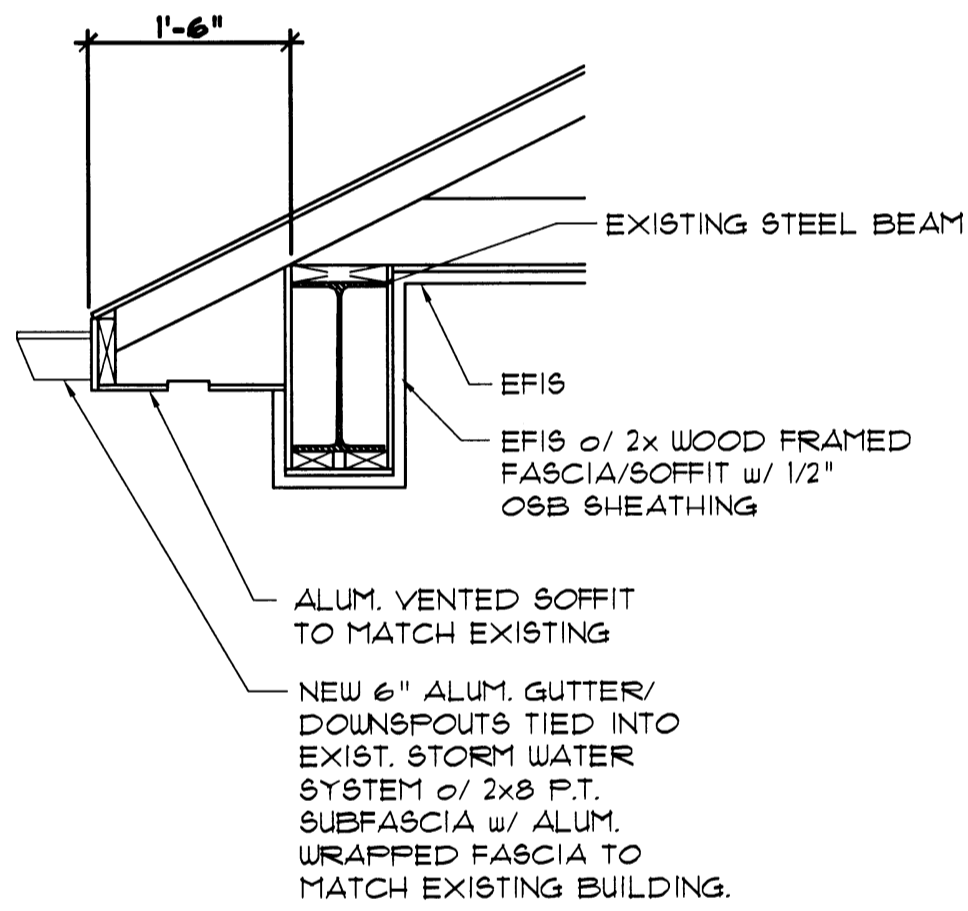
TRUSS GIRDER - TG2



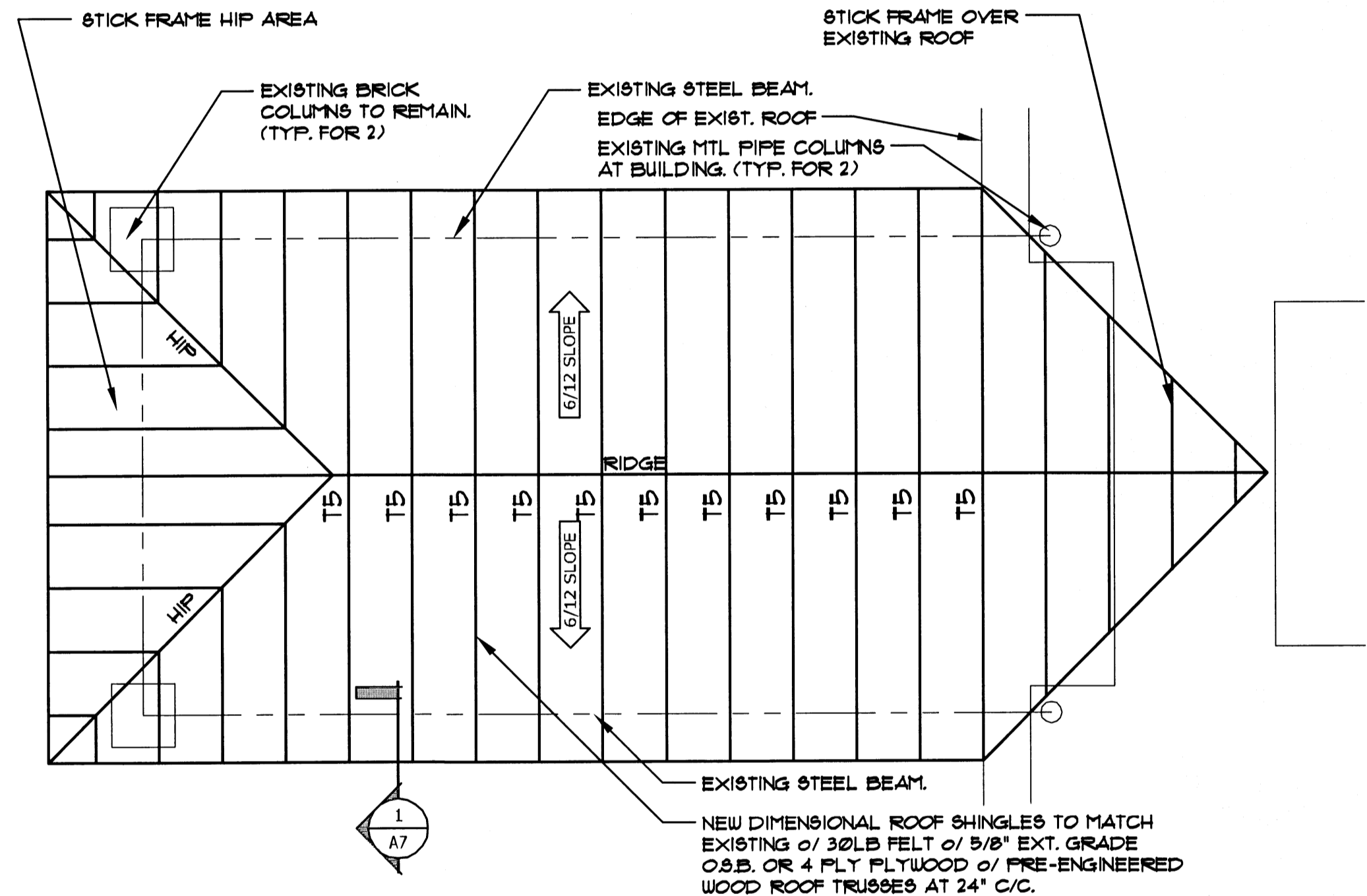
TRUSS GIRDER - TG1



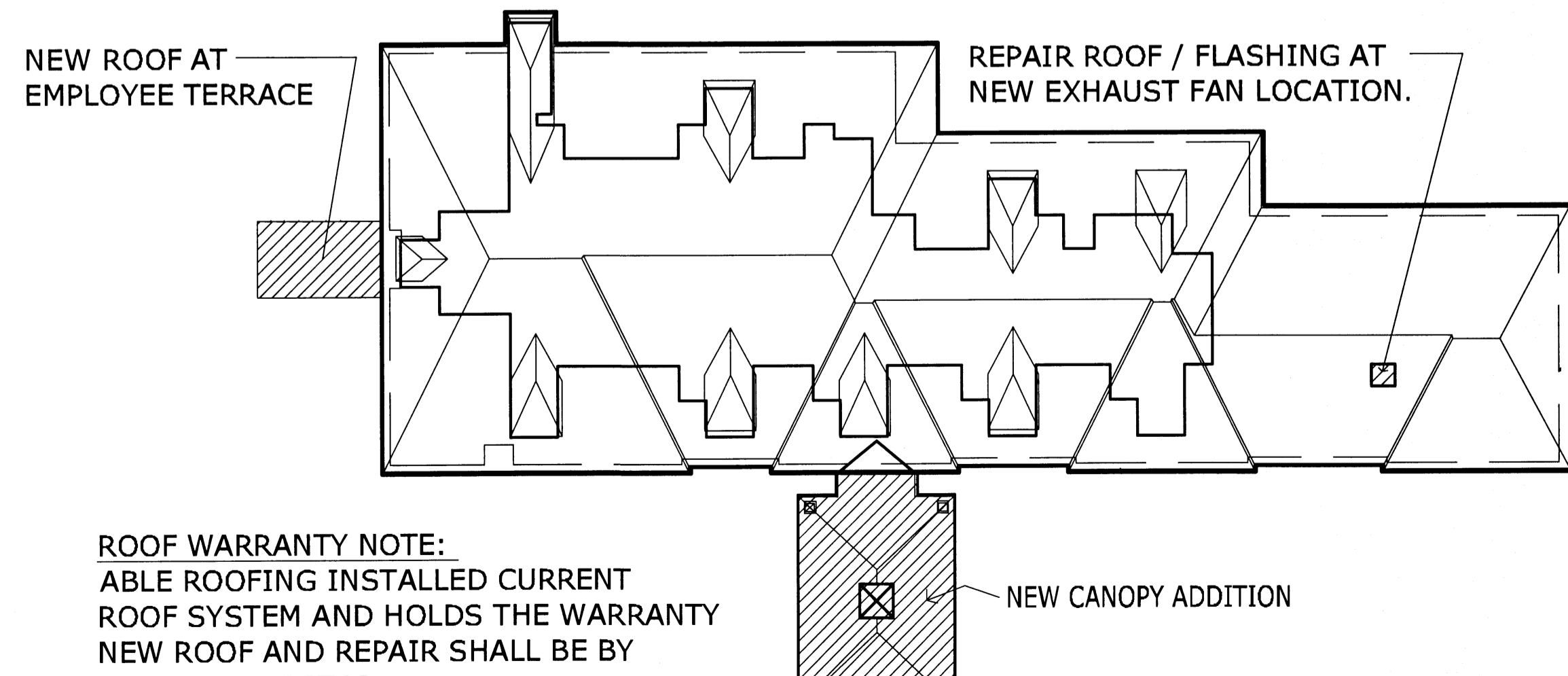
FOUNDATION / CANOPY ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"



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

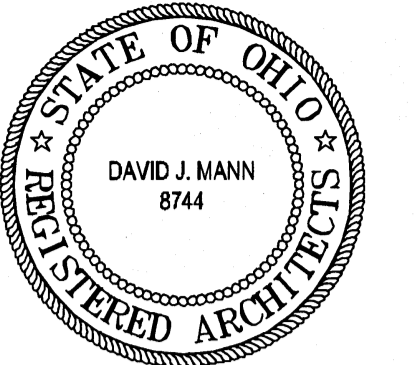


EMPLOYEE TERRACE ROOF PLAN
SCALE: 1/4" = 1'-0"



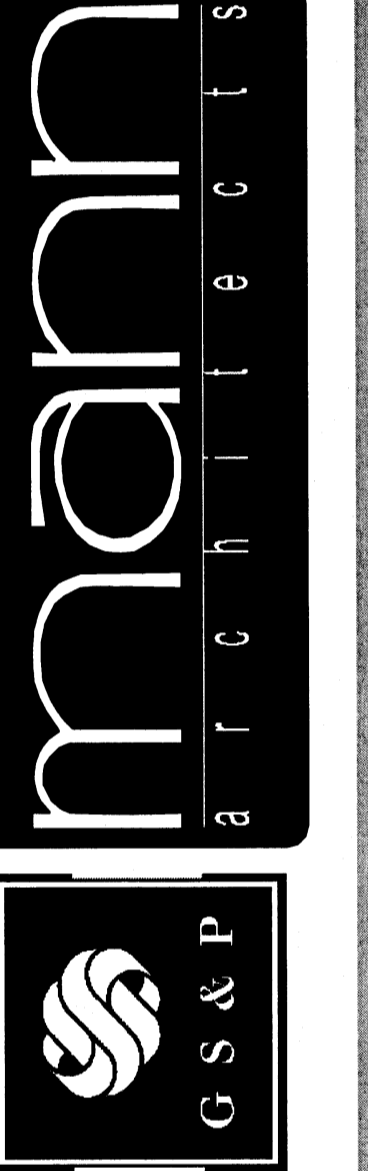
ROOF KEY PLAN
SCALE: N.T.S.

ROOF WARRANTY NOTE:
ABLE ROOFING INSTALLED CURRENT ROOF SYSTEM AND HOLDS THE WARRANTY NEW ROOF AND REPAIR SHALL BE BY THIS CONTRACTOR.



revisions
 1. 10/23/07 ADDENDUM No. 4
 2. 10/23/07 ADDENDUM No. 4
 3. 10/23/07 BULLETIN No. 1
 4. 10/23/07 BULLETIN No. 2
 5. 10/23/07 BULLETIN No. 3

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drawing CANOPY ROOF PLAN
 project no. 11406
 date OCTOBER 23, 2007
 scale AS NOTED
 project COLUMBUS ONCOLOGY
 JASCIUNAY PROFESSIONAL BUILDING
 810 JASCIUNAY AVENUE, SUITE A
 COLUMBUS, OHIO 43214-2379

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