

HARDIN COUNTY BOARD OF EDUCATION

Brown Street Alternative School

Partial Roof Replacement

TO: Mr. David Wyatt, Director Div Building & Grounds
Hardin County Schools

DATE: June 6, 2005

FROM: Donald Murray, Senior Technical Advisor
Tremco Inc.

EXECUTIVE SUMMARY, PROJECT AT-A-GLANCE

Kentucky Department of Education
Hardin County School Purchase Order
General Contractor
Roofing Sub Contractor

Project File: ?
PO# ?
Weatherproofing Technologies

David,

This scope of work is based upon a general concept of what will be included during the roof project. There may be some modifications which we will discuss during the application process to obtain the BG #1. All details will be complete prior to the final specification development.

SCOPE OF WORK:

1. Tear off all layers of roofing, ballast and flashing to the deck.
2. Properly inspect perimeter wood nailers to make sure they are sound and functional. (I anticipate a fair amount of rotten wood based upon the existing conditions. A contingency should be budgeted for unit add costs).
3. Remove all metal counter flashing (re-use receiver), coping, and perimeter gravel guard. Replace with new 24 gauge pre-painted metal. Re-use existing gutter and downspouts.
4. Install new expansion joint at main upper roof building addition.
5. Install two layers of 3/4" perlite insulation in ASTM D312 Type III asphalt.
 - On lower entrance canopy install 1/4" tapered insulation system.
6. Construct a four ply built-up roof system using of type VI fiberglass felts all adhered with ASTM D312 premium asphalt.
7. Flashing- Install 1st layer of Type IV felt in hot asphalt on all wall flashing and curb flashing. Install 2nd layer using Powerply HE FR cap sheet in hot asphalt @ 30#/sq/ply. Aluminize all vertical laps with one coat aluminum.
8. Install a protective flood coat of cold applied modified bitumen adhesive @ 5 gal./sq. and embed 450 # of new gravel.

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PROJECT MANAGEMENT SERVICES INCLUDE:

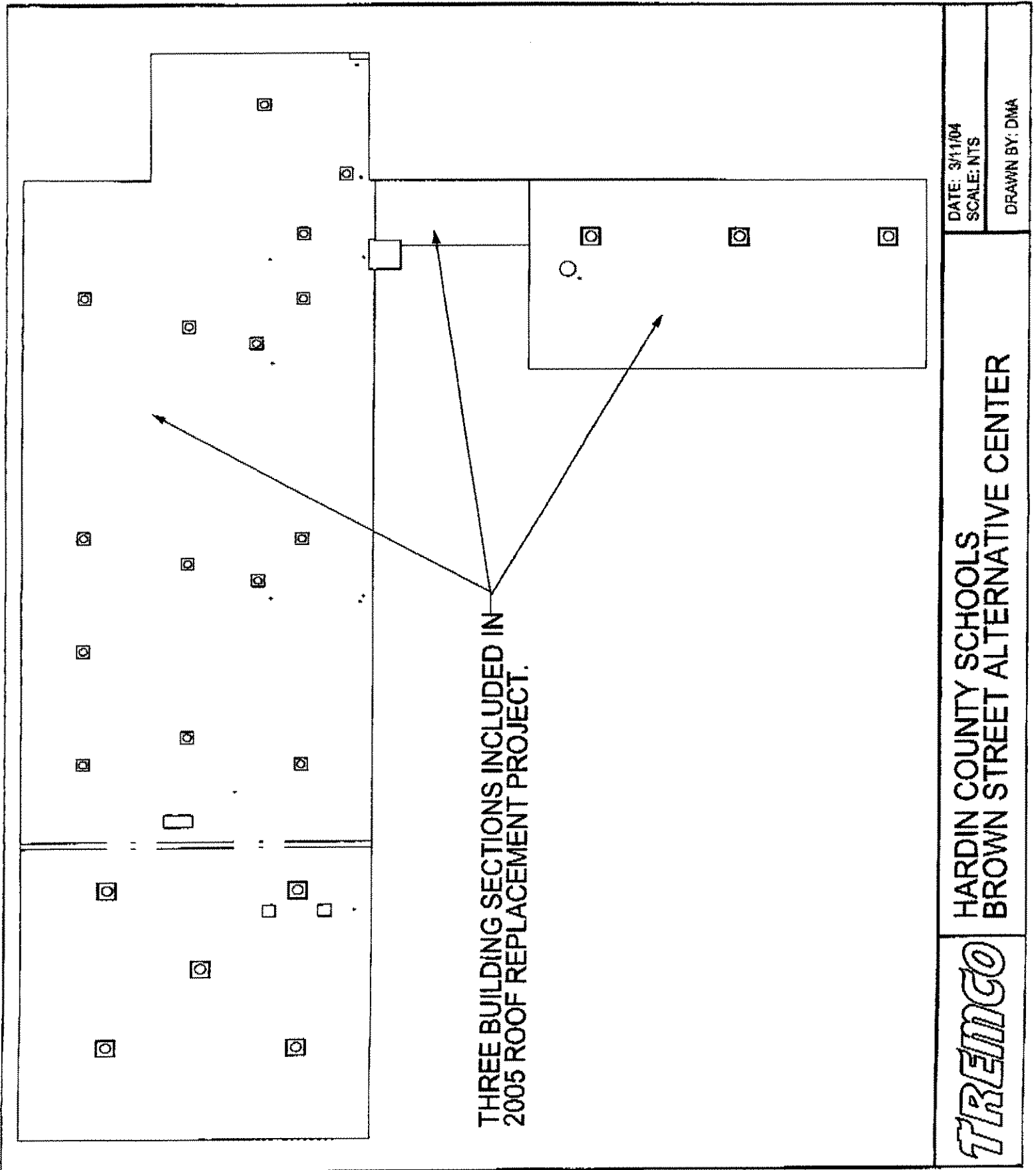
- Weatherproofing Technologies Inc. and Tremco will provide a minimum of eight (8) days of project on-site monitoring inspections during various phases of construction.
- The Tremco Roof System will have a renewable ten (10) year warranty.
- Project includes Architectural design review as required by KDE.
- A five (5) year roof maintenance program (Tremcare) is included as part of this project. Annual inspections will be executed during years five through ten of the warranty.

CAPITAL BUDGET APROPRIATION:

A capital budget of 112,337 will be required to replace the three roof sections at Brown Street Alternative School. This cost includes all labor, materials, bonds and architectural project management fees to complete the project as stated in the scope of work.

A contingency of \$4,500 should be set aside for unit costs associated with wood blocking, and deck replacement.

Total Capital Budget Requirement\$116,837



THREE BUILDING SECTIONS INCLUDED IN
2005 ROOF REPLACEMENT PROJECT.

DATE: 3/11/04
SCALE: NTS

DRAWN BY: DMA

HARDIN COUNTY SCHOOLS
BROWN STREET ALTERNATIVE CENTER

TREMCO