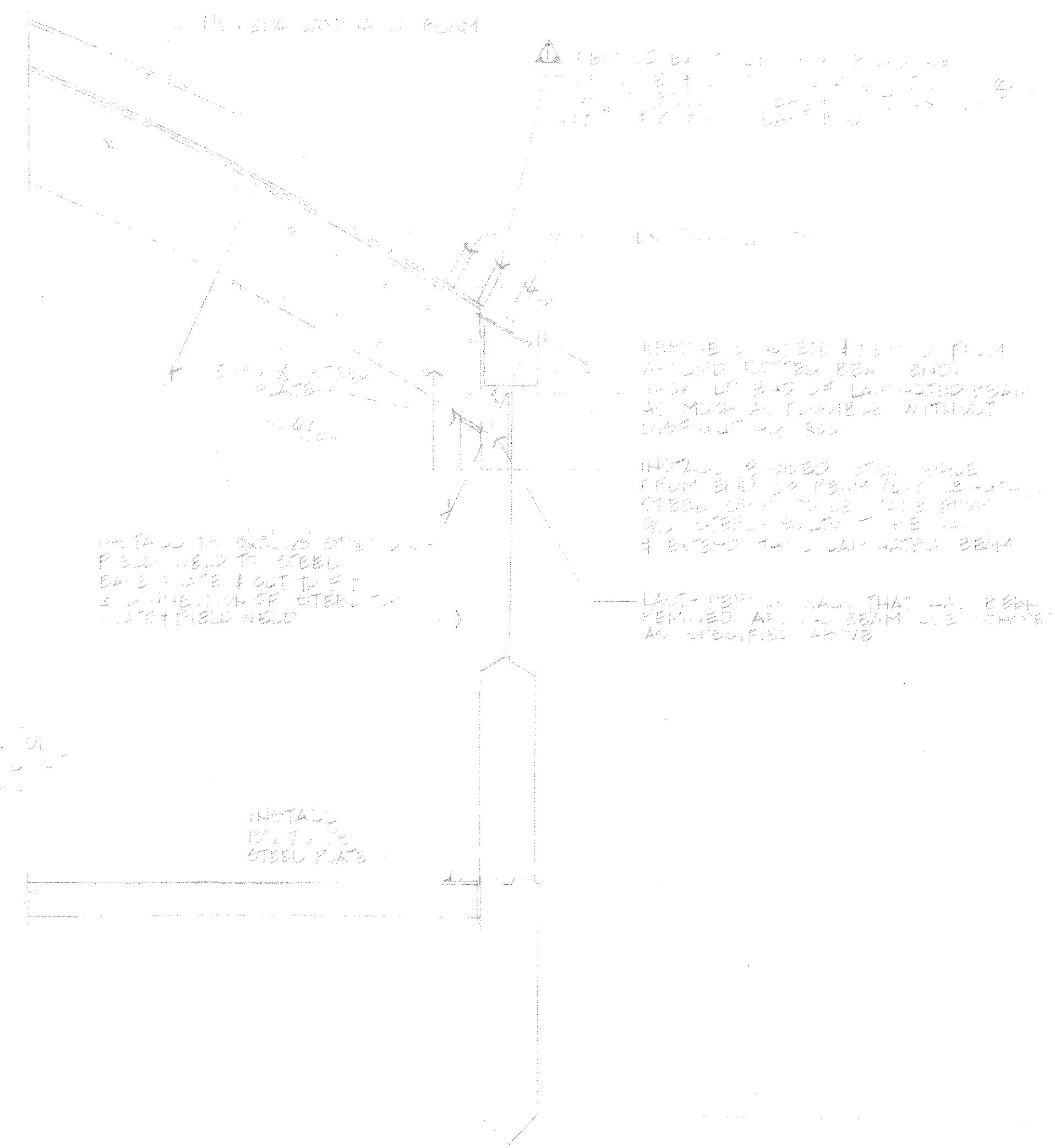
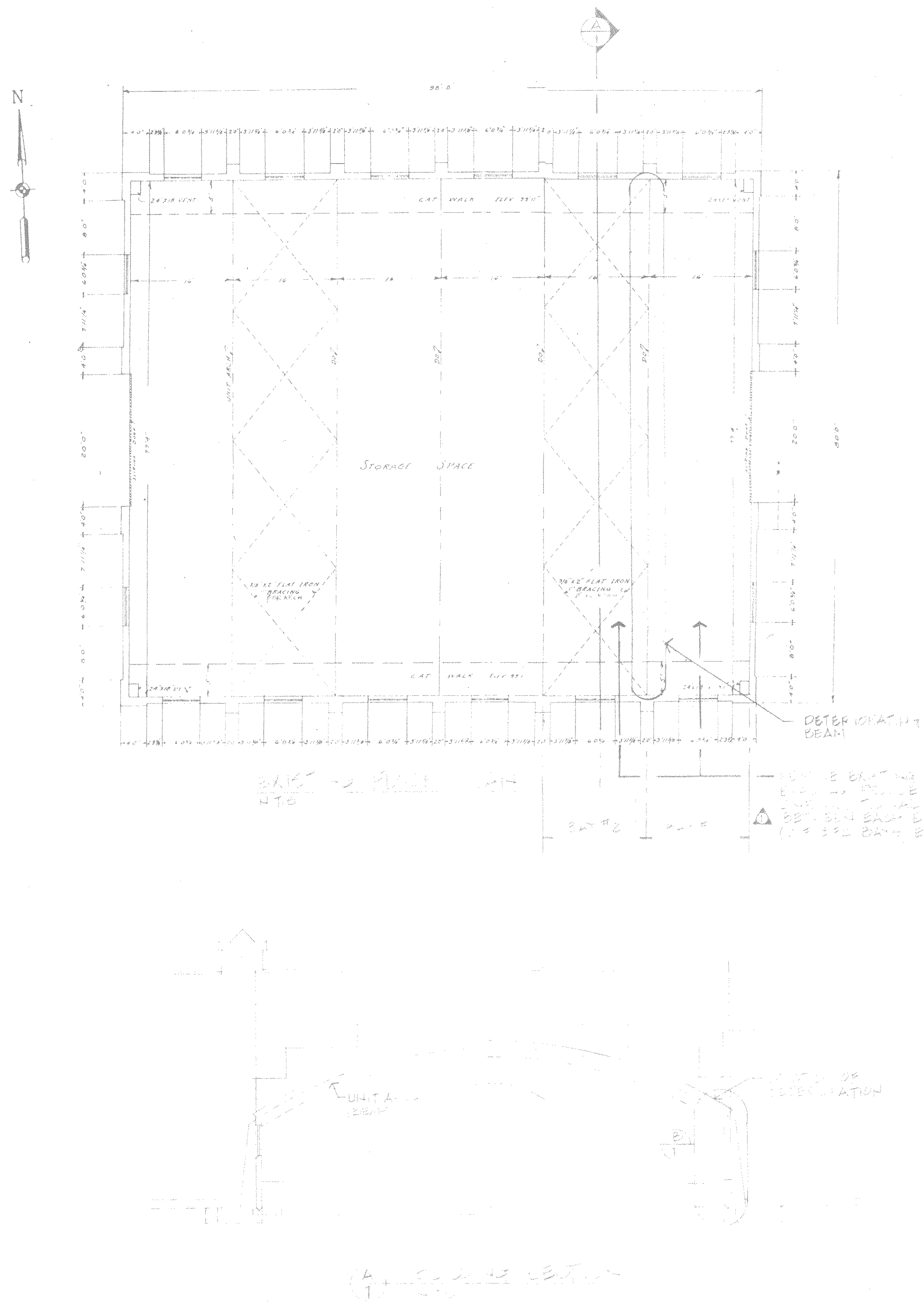


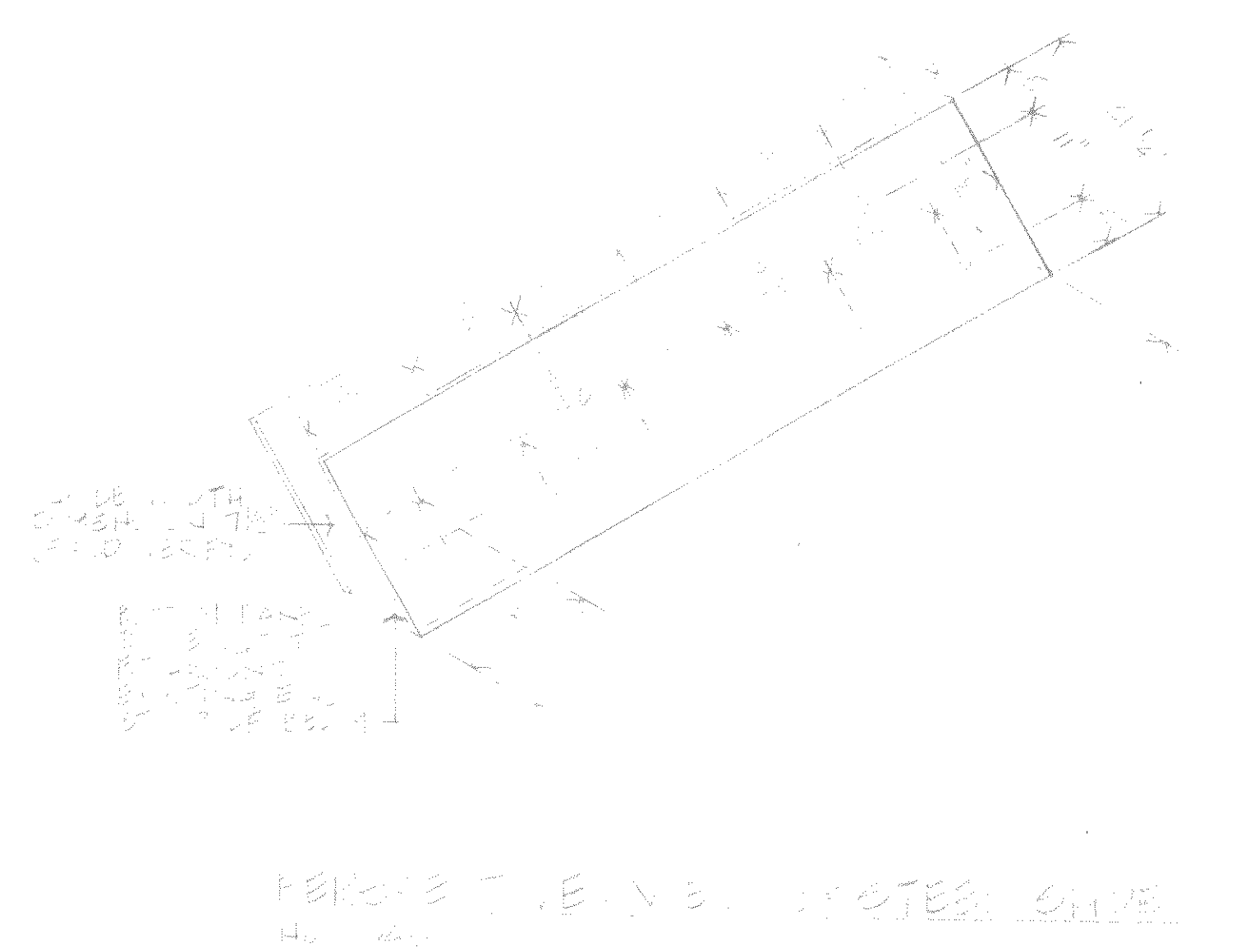
# LINCOLN COUNTY HIGHWAY DEPT. BUILDING BEAM REPAIR MERRILL, WISCONSIN



- Concrete:
- (1) Use 3/4" or 1" top-size aggregate.
  - (2) Provide air entrainment in the 6 - 7% range.
  - (3) Add "Pozzolith", as recommended by manufacture, to improve workability, placeability and finishability of Concrete. It reduces shrinkage cracking and increases strength.
  - (4) Four thousand (4000 psi) pounds per square inch Concrete should be used. Do not permit addition of "extra" water. Adding water to a workable Concrete mix lowers strength.
  - (5) Fine and coarse aggregates should meet ASTM C-33 or have a suitable service record.
  - (6) The cement should meet ASTM C-150, C-175 or C-205.
  - (7) Proper placing and finishing are absolutely essential. Don't permit over working of the Concrete. Excessive or premature finishing particularly with metal tools contributes to bleeding, reduces air content and durability of the surface.
  - (8) Keep concrete moist and at adequate temperature for proper hydration of the cement and maximum strength.

Alternate:  
Ready mixed grout:  
Master Builders - Embecc 411 Mortar - available through:

Lyle Kurtenbach  
Field Representative  
784 Clark Avenue  
Kotshchild, WI 54474  
Phone: 414/257-3602  
715/359-8867



REVISIONS					
NO	DESCRIPTION	DATE	BY	NO	DESCRIPTION
1	ADD REVISIONS	11/27/85	ABA	1	
2				2	
3				3	

PROJECT REVIEW					
FOR APPROVAL			FOR BIDDING		
DESIGN	DATE	DESIGN	DATE	DESIGN	DATE

**Foth & VanDyke**  
Engineers-Architects-Surveyors  
1903 West 6th Avenue  
Eau Claire, WI 54601-1799  
715/834-0511

Lincoln County Highway Dept.  
Merrill, Wisconsin

BEAM REPAIR

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SHEET NO 1 OF 1

