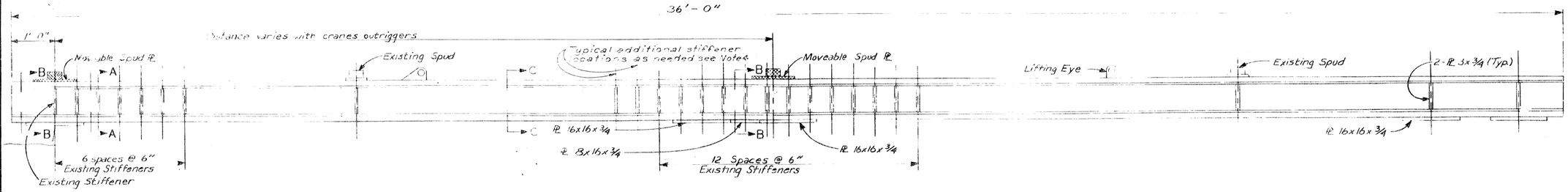
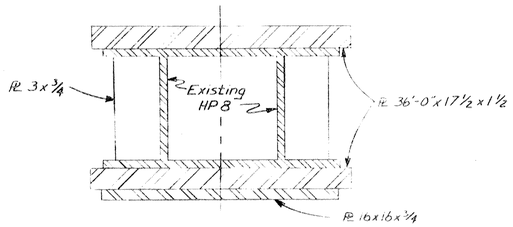
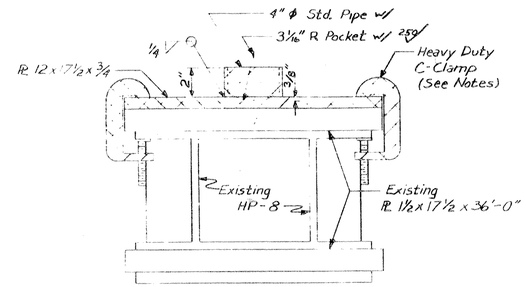


SPREADER BEAM ELEVATION
Scale: 1" = 1'-0"

TIMBERS		
No.	Size	Length
4	3"x12"	3'-0"
12	6"x6"	2'-0"
8	6"x6"	3'-0"



SECTION A
Typical Stiffeners
Scale: 3" = 1'-0"

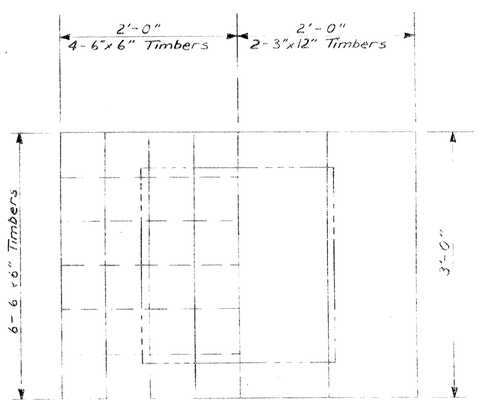


SECTION B
Typical Spud Plate
Scale: 3" = 1'-0"

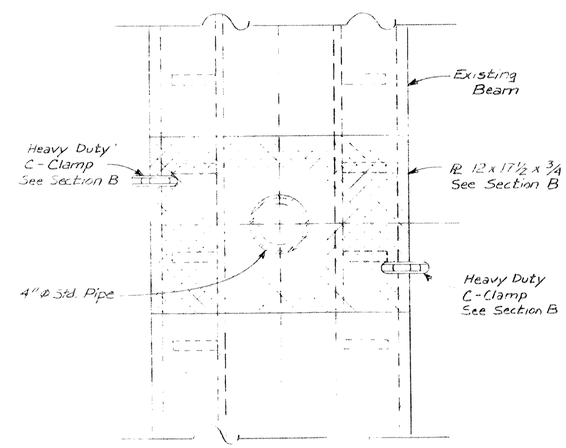
NOTES:

INDICATES NEW A36 STEEL TO BE FABRICATED AND FURNISHED BY THE CONTRACTOR.

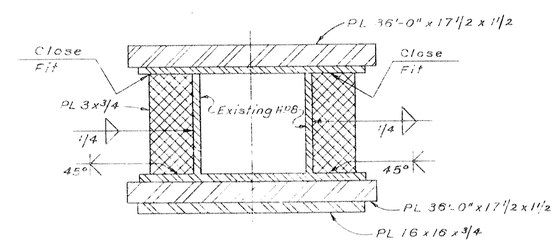
1. EXISTING BEAM IS STORED AT HARRY S. TRUMAN DAM AND RESERVOIR AT WARSAW, MISSOURI.
2. TIMBER SHALL BE OAK AND MAY HAVE ROUGH SAWN FINISH.
3. THE FOUR HEAVY DUTY "C" CLAMPS SHALL BE AS SHOWN IN MCMASTER-CARR CATALOG 93 ON PAGE 1712 ITEM 5029A16 OR APPROVED EQUAL.
4. IF THE CRANE'S OUTRIGGERS DO NOT ALLOW THE CENTERLINE OF THE SPUD PLATE TO FALL WITHIN THE ZONES OF THE EXISTING STIFFENERS SPACED AT 6" O.C., ADDITIONAL STIFFENERS MUST BE PROVIDED. FABRICATION OF THE STIFFENERS WILL BE IN ACCORDANCE WITH SECTION C (TYPICAL ADDITIONAL STIFFENER). THE ADDITIONAL STIFFENERS ARE TO BE PLACED AT 6" O.C. STARTING AT THE EXISTING STIFFENER NEAREST THE CRANE OUTRIGGER AND ENDING AT THE CENTER-LINE OF THE MOVEABLE SPUD PLATE. ENOUGH STIFFENERS MUST BE ADDED TO PROVIDE COMPLETE SUPPORT FROM THE ZONE OF STIFFENERS SPACED AT 6" O.C. TO THE CENTERLINE OF THE MOVEABLE SPUD PLATE. SHOP DRAWINGS OF ANY PROPOSED MODIFICATION TO THE BEAM ARE TO BE SUBMITTED FOR REVIEW IN ACCORDANCE WITH THE SPECIFICATIONS.
5. NEW STEEL (SPUD PLATES OR STIFFENERS) AND C-CLAMPS WILL BECOME THE PROPERTY OF THE GOVERNMENT.
6. ALL WELDING WILL CONFORM TO THE REQUIREMENTS AND PROCEDURES OF AWS D1.1.



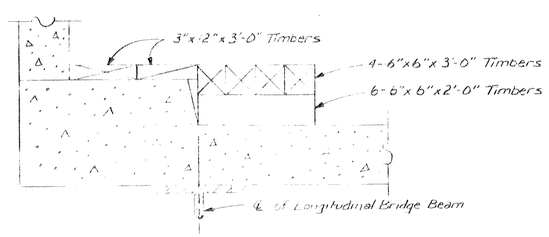
CURB PAD PLAN
Not to Scale



PLAN
MOVEABLE SPUD PLATE
Scale: 3" = 1'-0"



SECTION C
Typical Additional Stiffener
Scale: 3" = 1'-0"



CURB PAD SECTION
Not to Scale

Revisions			
Symbol	Descriptions	Date	Approved

U. S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
KANSAS CITY, MISSOURI

Designed by: H.J.P.
Drawn by: P.S.K.
Checked by: T.D.W.
Submitted by: T.D.W.

OSAGE RIVER
HARRY S. TRUMAN DAM AND RESERVOIR
SPILLWAY STOPLOG INSTALLATION/ DRAFT TUBE DECK REPAIR
SPREADER BEAM MODIFICATION

Scale: AS SHOWN
Date: OCTOBER 1990
Dwg. No.
Sheet number: S-4
File No.: 0-12-10877