



REINFORCING STEEL			
BAR	SIZE	NO. BARS	LENGTH
C	3/8"	7.2	6'-6"
D	3/8"	7.2	22'-6"
E	3/8"	4.7	24'-6"
F1	3/8"	2.6	18'-9"
F2	3/8"	2.0	15'-9"
G	3/8"	2.5	3'-6"

NOTES

PILING: Piling to be used shall be assumed 60' long for estimating purposes only. All piles to be driven between the end floor beams of existing trusses. This necessitates the use of self action followers of a maximum length of 35' piles to be driven to ledge. Individual piles may be spliced at the discretion of the contractor, but such splices shall be approved in writing by the engineer before proceeding with the work. Piles to be cut off level at EL. 465.76 and reasonably smooth.

STRUCTURAL STEEL: To include channel ties and angle caps as indicated together with all welding for same and for the 'A' bars reinforcing.

STRUCTURE EXCAVATION: See 'SPECIAL PROVISIONS'.

TRAINING AND SURVING: See 'SPECIAL PROVISIONS'.

WOOD PILING: See 'SPECIAL PROVISIONS'.

Timber piling alternate: See sheet #5.

ESTIMATED QUANTITIES

POWAL BRZ 144(19) C/2	300 CY
REFERENCE SHEET 5 OF 18 SHEET 95 OF 108	129 CY
STRUCTURE EXCAVATION CONCRETE CLASS 'B'	4160 LBS.
REINFORCING STEEL	3300 LBS.
STRUCTURAL STEEL	1320 LF.
STEEL PILING	

DETAILS OF NEW PIER
VILLAGE BRIDGE
NORTH TOWNAL

SCALE: 3/8" = 1'-0" EXCEPT NOTED.

Surveyed by
 Designed by H.E.S. Nov. 1940
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 Traced by H.R.C.
 Checked by W.H.D.
 Series ST.FL. No. 1-B (2) Filed

WOOD PILES TO BE USED. SEE SHEET NO. 5.