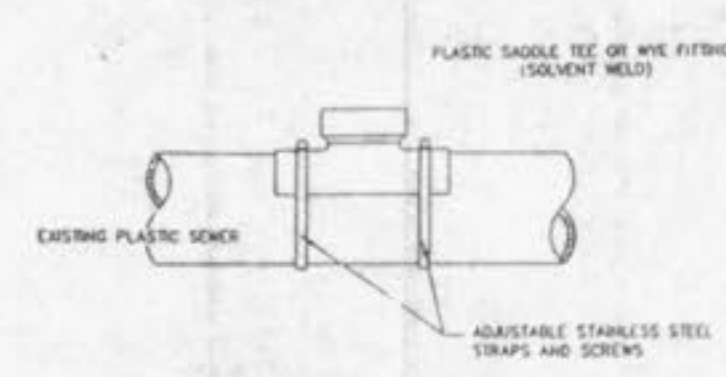
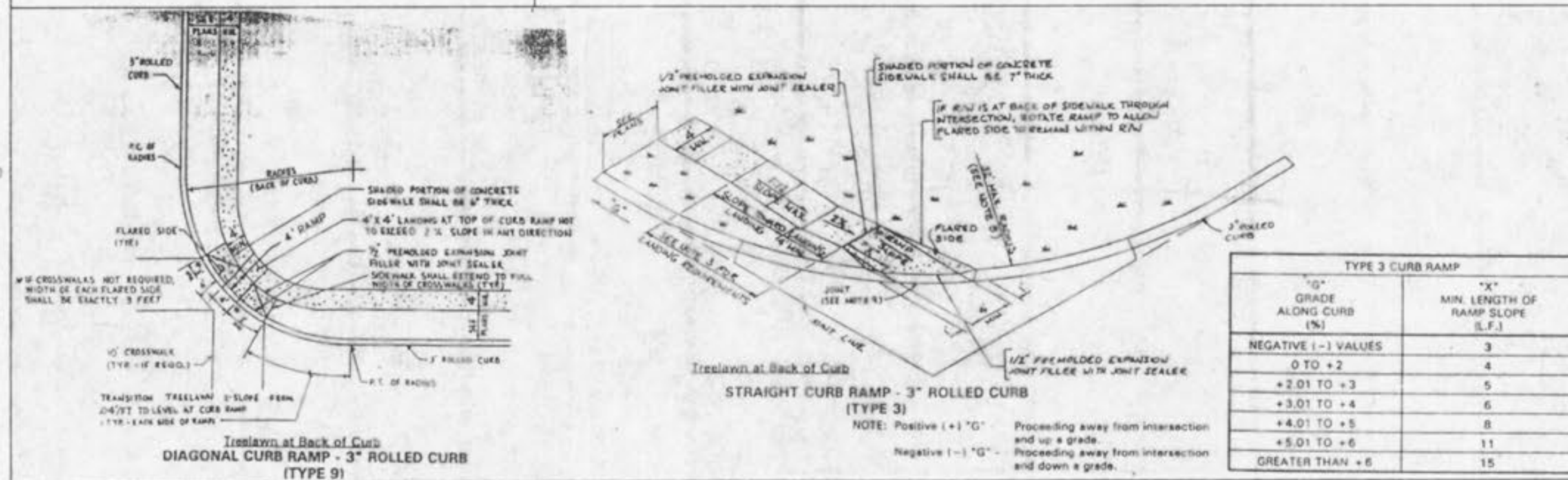
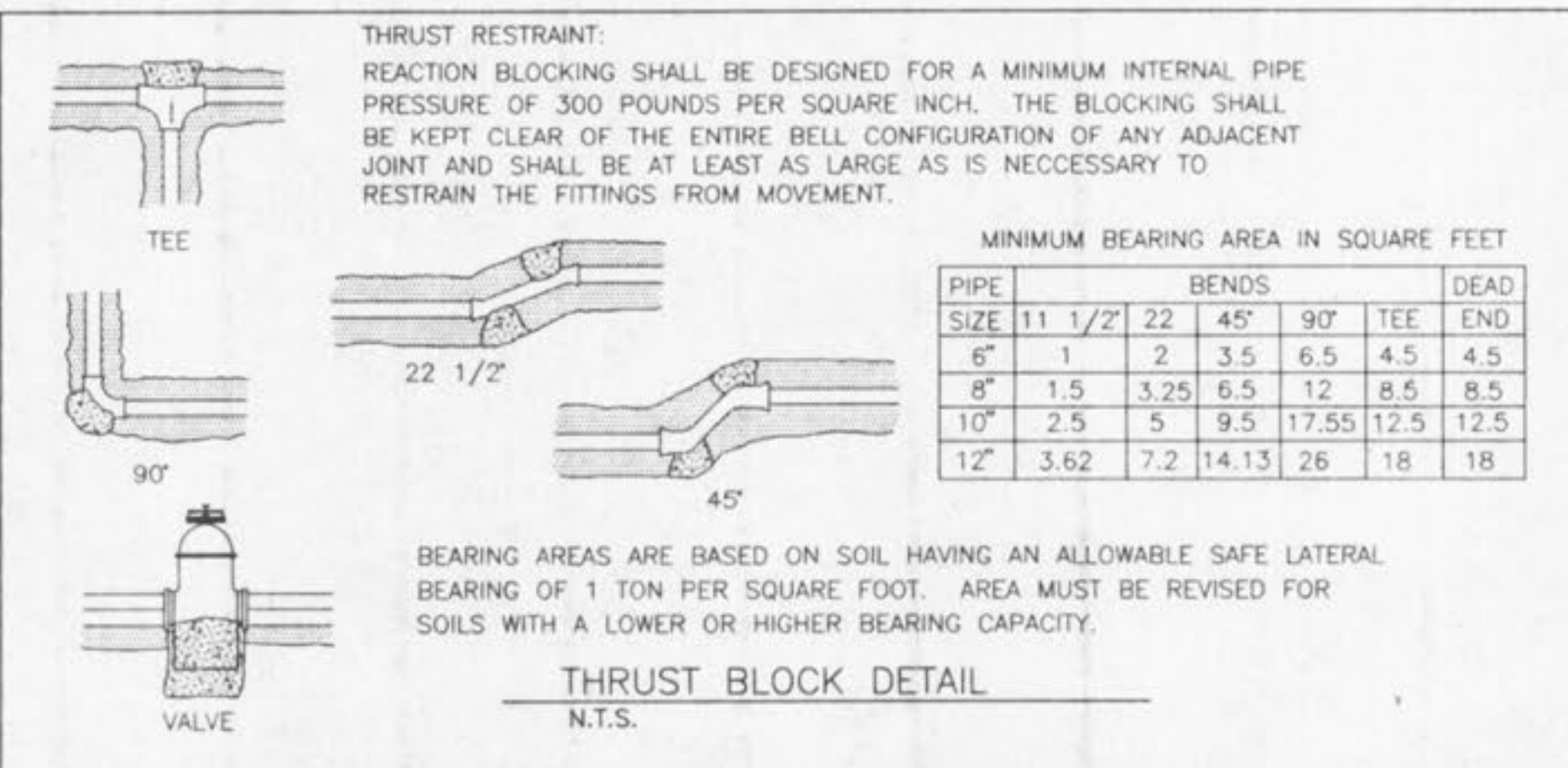
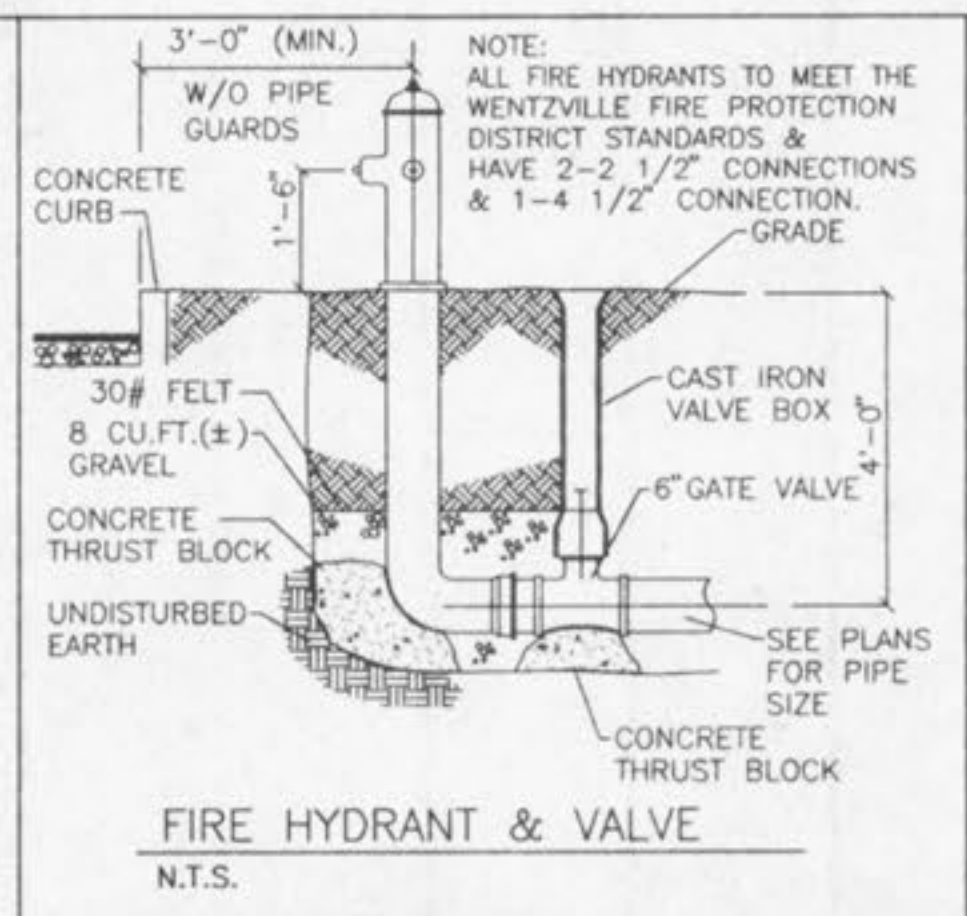
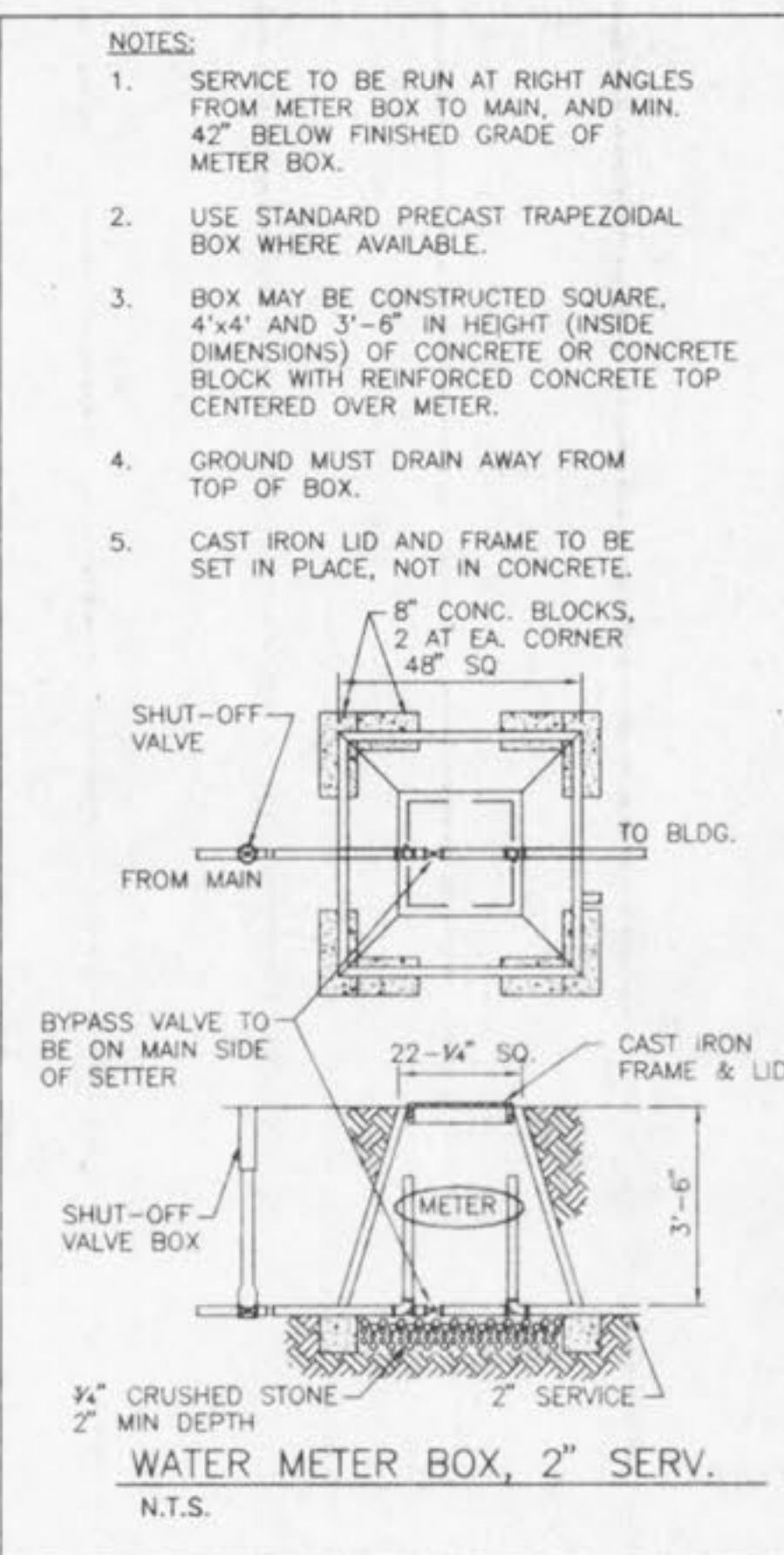


WINGHAVEN PHASE I
IMPROVEMENT PLANS FOR
BLACK HAWK VILLAGE

PART OF U.S. SURVEY NO. 1669
AND PART OF SECTIONS 11 & 12
TOWNSHIP 46 NORTH, RANGE 2 EAST
CITY OF O'FALLON, MISSOURI



- WHEN A CONNECTION TO A PLASTIC PIPE IS ALLOWED AND A CONNECTION IS LARGER THAN 6" IN DIAMETER, A SOLVENT WELD WYE OR TEE FITTING OF A SOLAR MATERIAL MUST BE USED. (EXAMPLE: BY 7 1/2") THIS IS ACCOMPLISHED BY CAREFULLY CUTTING A HOLE WITH A SAW IN THE MAIN AT THE DESIRED LOCATION AFTER CUTTING AND SHAPING THE HOLE TO THE SIZE OF THE FITTING. THE FOLLOWING STEPS SHOULD BE TAKEN:
- CLEAN AND DRY BOTH HOSE SADDLE WYE SURFACE AND PIPE SURFACE TO BE SOLVENT CEMENTED.
 - APPROPRIATELY APPLY A LIBERAL, HEAVY COAT OF ONE-STEP SOLVENT CEMENT TO THE HOSE SURFACE OF THE SADDLE WYE AND TO THE EXTERIOR WELDING SURFACE TO THE PIPE.
 - REMOVE DEBRIS, WIPES THE SURFACES AND STRIKE DOWN TOGETHER. A BEAD OF SOLVENT SHOULD APPEAR AFTER THE SADDLE HAS BEEN INSERTED DOWN HOLE.
 - USING A RAG OR PAPER TOWEL, Wipe READ AND ANY EXCESS SOLVENT OFF PIPE AND SADDLE.
 - ALLOW 30-60 MINUTES FOR SET-UP TIME BEFORE BACKFILLING. CURB THE DEPOSITS ON SIZE FIT OF MATERIALS BEING INSTALLED AND VARIOUS COLD DAMP CONDITIONS.
 - DISCARD OLD SOLVENT IF IT BECOMES JELLED OR LUMPY.
 - A CLEAN, DRY BEDDING MATERIAL IS REQUIRED AROUND THE COMPLETED CONNECTION BEFORE SHOULDERING THE BEDDING MATERIAL SHOULD BE ONE OF THE FOLLOWING:
 - W.S.D. #8 BEDDING
 - 1 TO 3 INCHES TO SAND MIX
 - TYPE-100 CONCRETE
- 8" (& LARGER) CONNECTION TO PLASTIC MAIN**

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DISCLAIMER OF RESPONSIBILITY
I hereby specify that the documents intended to be authenticated by my seal are limited to the sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be used for any part or parts of the architectural or engineering project or survey.



NO.	DATE
PROJECT NO. 970231	CONTRACT NO. 0002
DRAWN FPB	CHECKED SYE
DATE 05/29/98	

BLACK HAWK CONSTRUCTION DETAILS
SHEET 18 OF 20
C4.3

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