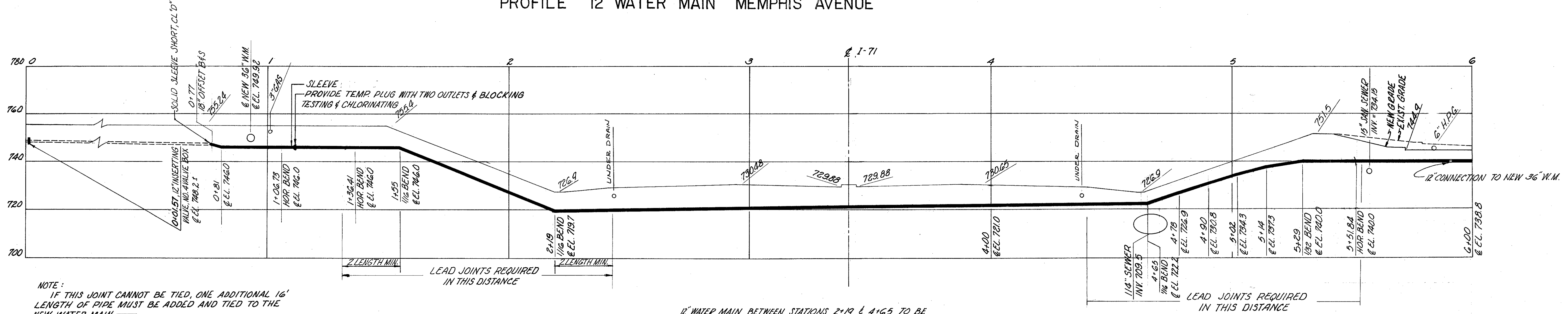


CUYAHOGA COUNTY
CUY-71-13.68

PROFILE 12" WATER MAIN MEMPHIS AVENUE

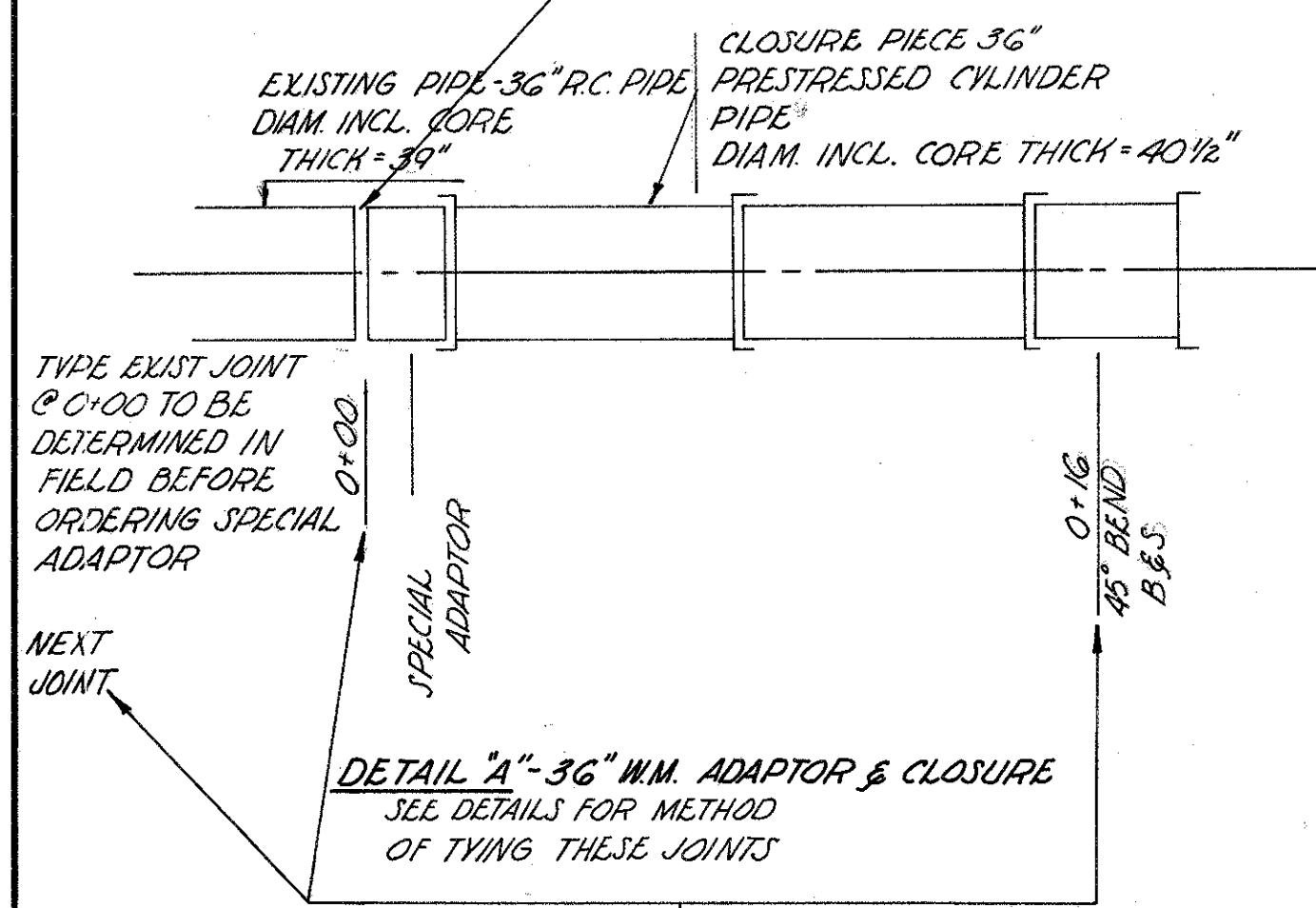


NOTE:
IF THIS JOINT CANNOT BE TIED, ONE ADDITIONAL 16' LENGTH OF PIPE MUST BE ADDED AND TIED TO THE NEW WATER MAIN.

12" WATER MAIN BETWEEN STATIONS 2+19 & 4+65 TO BE CEMENT LINED DUCTILE IRON PIPE, CLASS 25

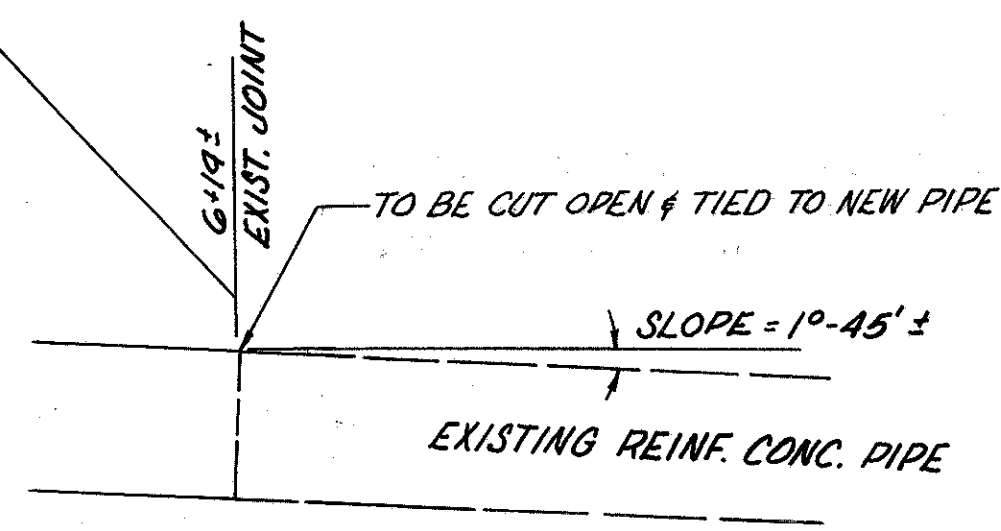
LEAD JOINTS REQUIRED IN THIS DISTANCE

DESCRIPTION	PLOTTED BY	INVESTIGATED BY	CHECKED BY
TOPOGRAPHY			
ENGINEERING			
QUANTITY			

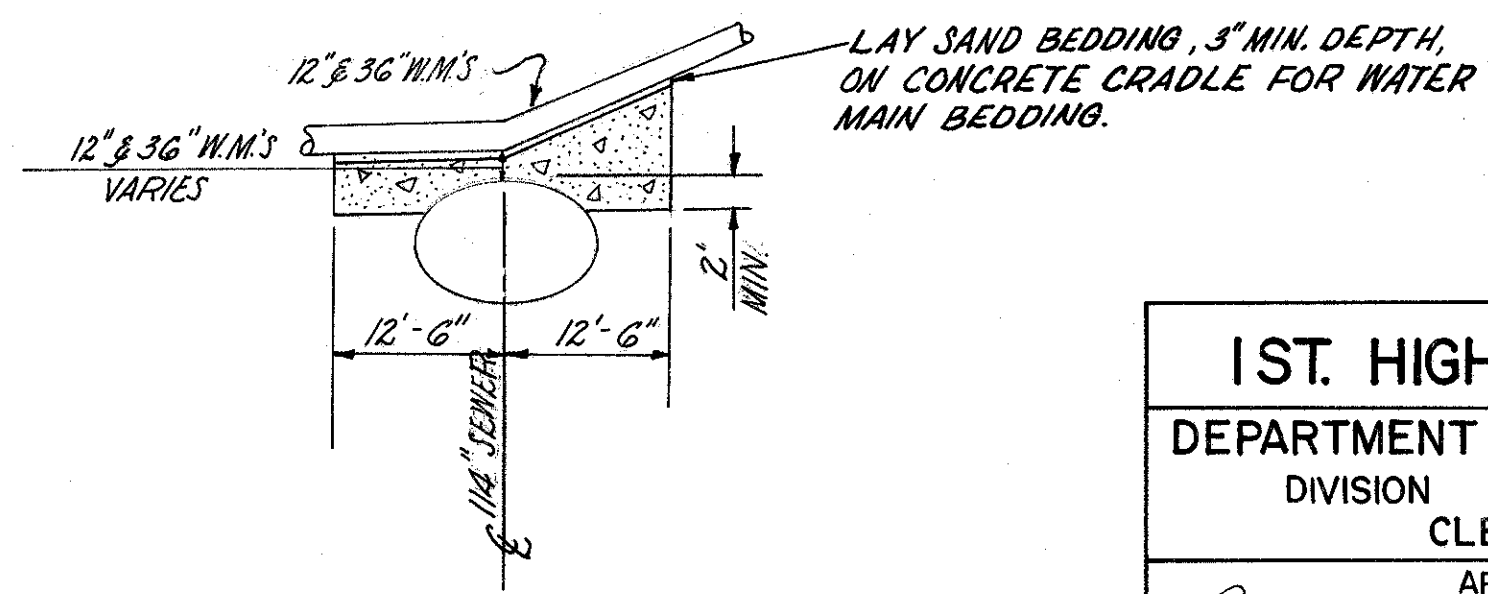


NOTES: FOR MEMPHIS AVE. WATER MAINS
RELOCATED 12" WATER MAIN TO BE IN SERVICE BEFORE SERVICE IN THE EXISTING 36" WATER MAIN IS INTERRUPTED.
SPECIAL ADAPTORS WILL BE NECESSARY AT THE BEGINNING & END OF THE RELOCATED 36" WATER MAIN. THE CONTRACTOR WILL DETERMINE THE TYPE ADAPTOR REQUIRED. THE ADAPTORS WILL BE TIED AS REQUIRED BY THE CONTRACT DRAWINGS.
24" TEMPORARY LINE ALIGNMENT SHALL BE LAID OUT BY THE CONTRACTOR WITH NECESSARY INFORMATION FROM SURVEYS FOR TIE INS. MINIMUM DEPTH OF COVER TO BE 3 FEET. SEE SHEETS 161 & 156 FOR SUGGESTED ALIGNMENT AND NOTES.
ALL 24" VALVES TO HAVE NO. 4 VALVE BOXES & ALL BYPASS VALVES TO HAVE NO. 2 VALVE BOXES.
ALL EXISTING PIPE AND TIED JOINTS ARE AS MANUFACTURED BY THE LOCK JOINT PIPE COMPANY.

THESE APPROXIMATE LOCATIONS OF EXISTING JOINTS SHALL BE LOCATED ACCURATELY BY SURVEY BY THE CONTRACTOR AND THE INFORMATION SHALL BE FURNISHED THE PIPE FABRICATOR TO ENABLE THE PIPE CLOSURE OR ADAPTOR TO BE MADE.



DETAIL OF CONNECTION AT STA. 6+19 36" W.M.



DETAIL OF CONCRETE CRADLE FOR 12" & 36" WATER MAINS

1ST. HIGH SERVICE DISTRICT	
DEPARTMENT OF PUBLIC UTILITIES	
DIVISION OF WATER AND HEAT	
CLEVELAND, OHIO	
APPROVED, DEC. 21, 1964.	
<i>[Signature]</i>	DIRECTOR OF PUBLIC UTILITIES
<i>[Signature]</i>	COMMISSIONER OF WATER AND HEAT
<i>[Signature]</i>	COMMISSIONER DIVISION OF UTILITIES - ENGINEERING
<i>[Signature]</i>	ENGINEER OF CONSTRUCTION & SURVEYS
<i>[Signature]</i>	ENGINEER OF DESIGN

HORIZONTAL & VERTICAL SCALES: 1"=20'	
RACKOFF ASSOCIATES ENGINEERS COLUMBUS, OHIO	
MEDINA FREEWAY RELOCATION OF 12" & 36" W.M. MEMPHIS AVENUE	
Designed	Drawn
Traced	Checked
Reviewed	Date
Revised	