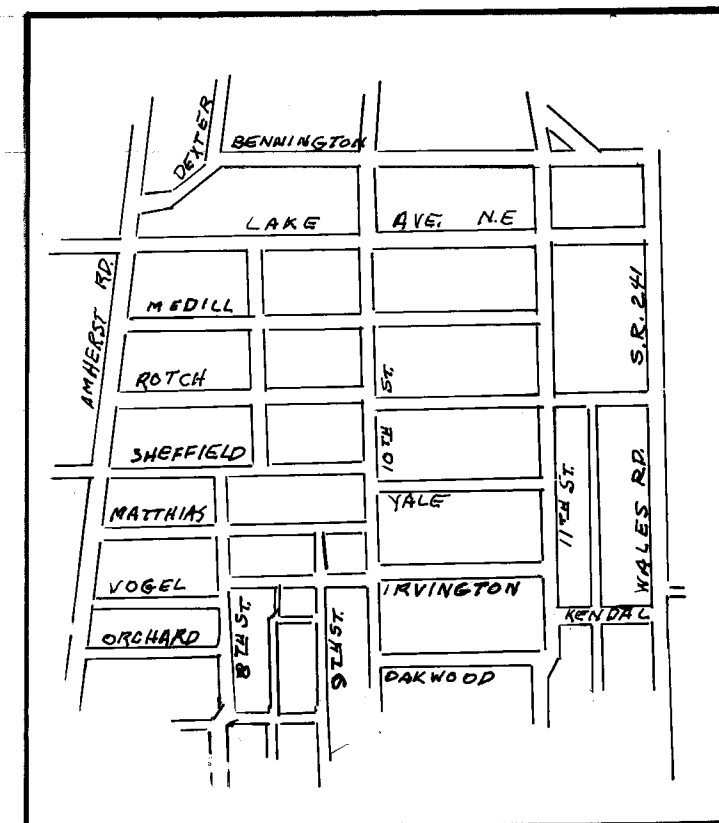


N

N



SITE MAP
SCALE 1"=800'

GENERAL NOTES

All Construction to be per City of Massillon specifications and standards. Contractor shall notify all utility companies before work is done. Construction Signs: Contractor shall erect and maintain all necessary signs, barricades, and lights; this is to be included under the item traffic control.

All manholes to be precast concrete with a minimum of 1'-0" of adjusting rings on top of cone. Backfill to be compacted per specifications; if unsuitable, granular backfill may be ordered by the engineer. Cost of compaction per linear foot shall be included in the price of the pipe. Backfill must be at optimum moisture. Bedding is to be included in the price of the pipe. Contractor must provide gravel and dust control to keep streets in condition for traffic until 404 asphalt is applied. Contractor must provide cold mix.

All street repair to be as per detail. 404 asphalt is to be applied in suitable weather or per engineer's direction. When conflict arises over the interpretation of notes and details, the notes and details in the drawings take preference over the general notes and specifications that appear in the contract. It will be the responsibility of the contractor to maintain the temporary repair until permanent repairs are made. Prime coat and seal coat to be included in the unit price of the asphalt.

Contractor shall notify City of Massillon Police & Fire Departments when construction is in progress. All cuts in the street must have clean sharp edges either with an air hammer or saw; no ragged edges will be permitted. The City Engineering Department will set grade at all manholes; contractor will use laser beam to establish line and grade between manholes. If native material is unsuitable due to contractor's negligence (such as material getting wet, freezing), it will be replaced by the contractor at his own expense.

The removal of pavement, concrete, asphalt chip and seal, brick, etc., is not a separate pay item, but is to be included in the unit price of the 8" V.S.P.

The connecting of each existing sanitary lateral to the new 8" V.S.P. will be bid as a lump sum item for each sanitary lateral that is connected to the new main.

The removal of the existing sanitary sewer and manholes is to be included in the unit price of the 8" V.S.P.

The flow of the existing sanitary sewer must not be interrupted. The cost of maintaining the flow of sewage will be included in the unit price of the 8" V.S.P.

Ingress and Egress must be provided to local residents after normal working hours, weekends, and holidays.

The existing sanitary sewer castings will not be used but returned to the disposal plant.

Any damage to the existing storm sewer or other utilities, pavement, outside the construction limits, will be at the expense of the contractor.

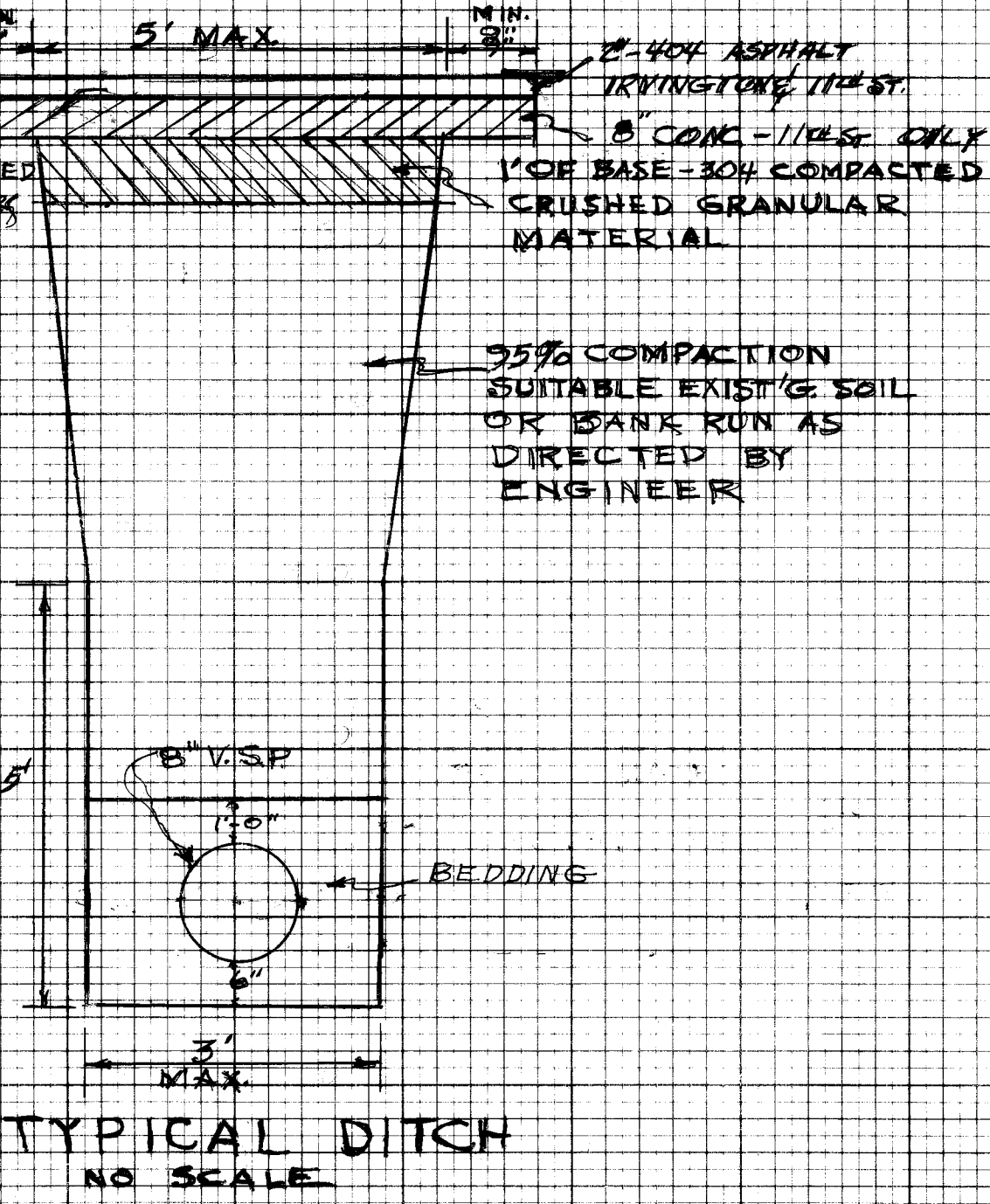
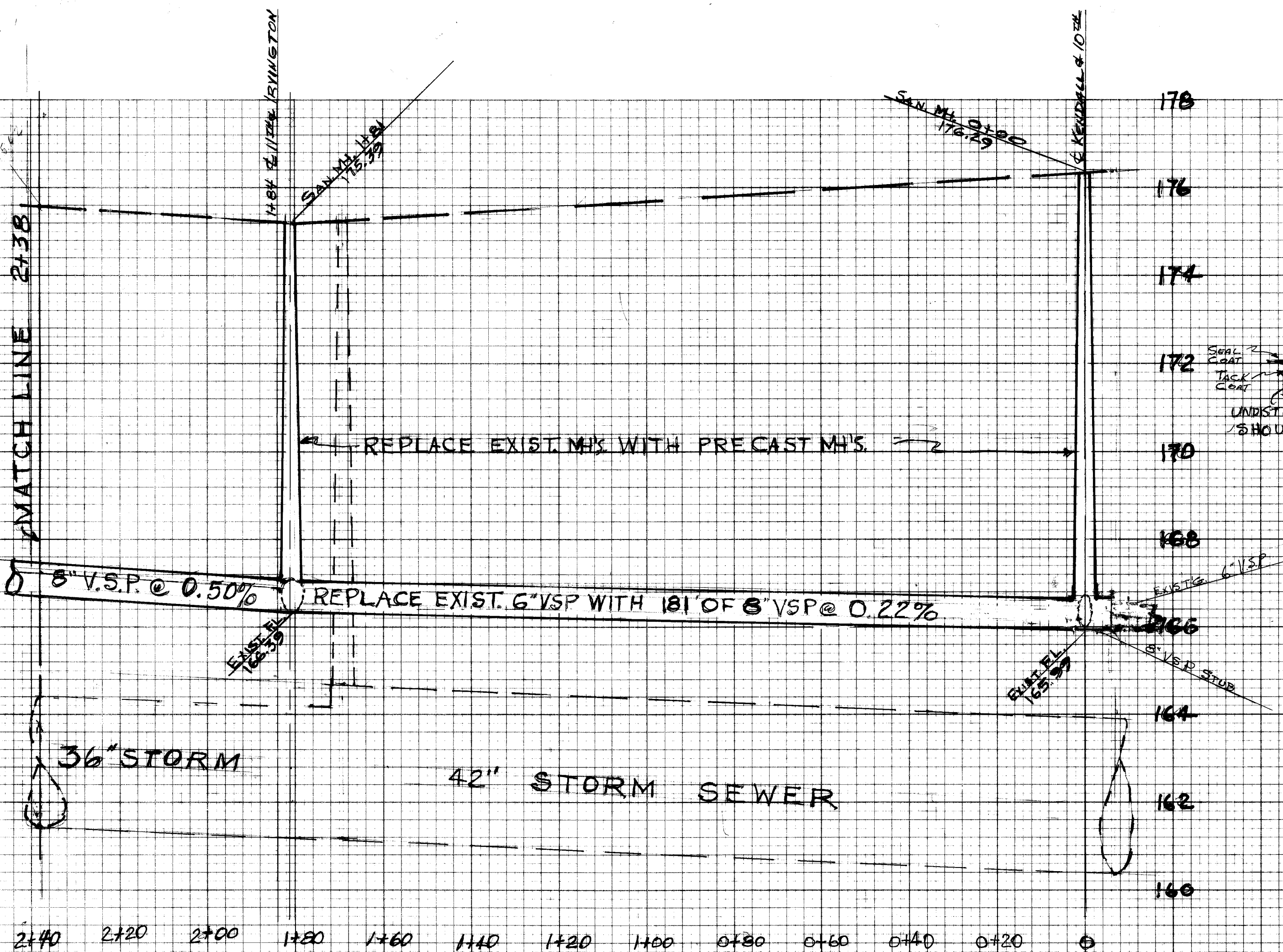
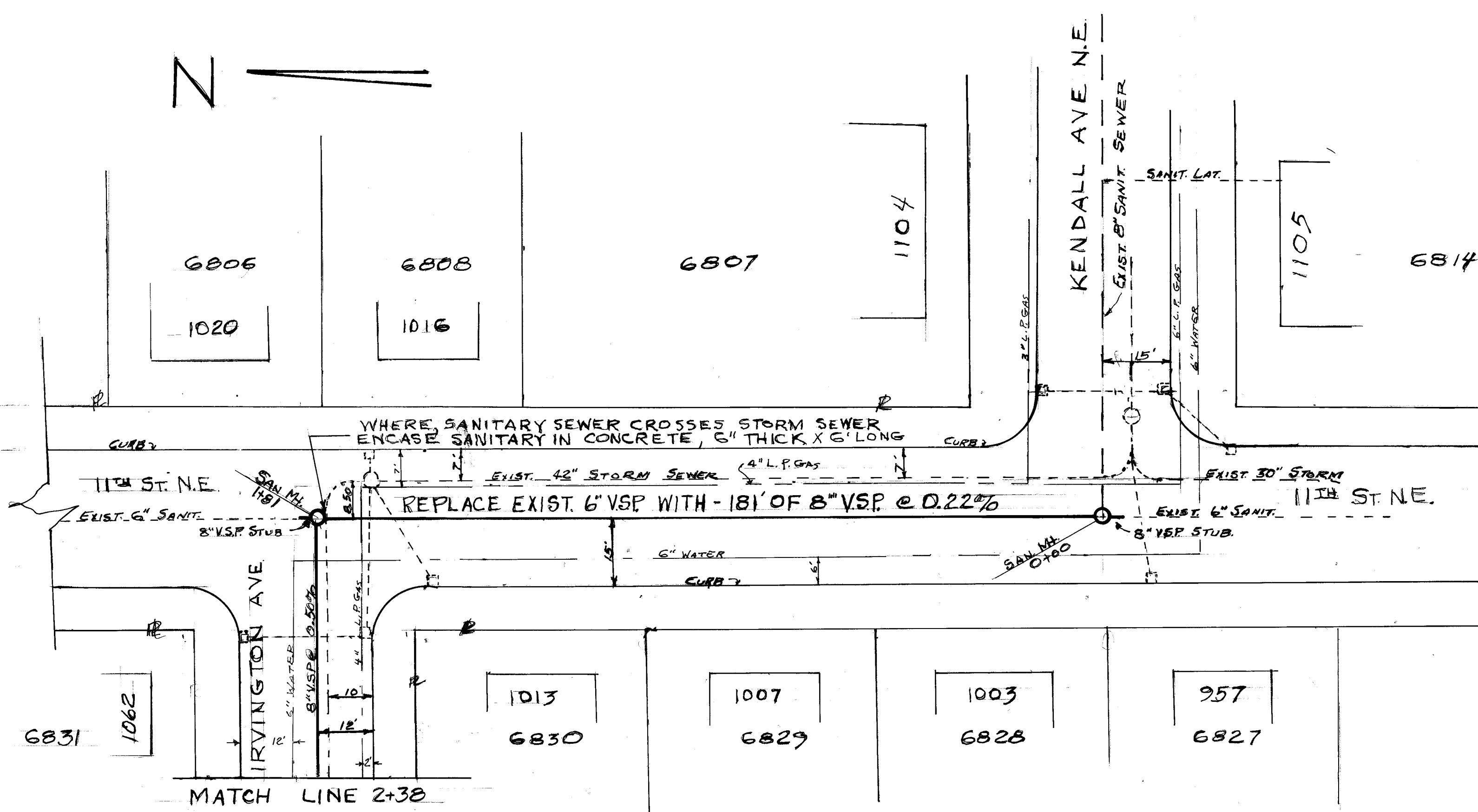
No open trenches will be permitted after normal working hours.

The connection of existing sewer and new sewer will be done by mechanical connectors approved by the E.P.A., and the cost will be included in the unit price of the pipe.

Existing sanitary laterals are located and sizes shown where records exist. All wyes off the new main must be 6".

All pipe to be extra strength with compression joints.

Concrete encasements of sanitary sewer as shown on drawing will be included in the unit price of the pipe.

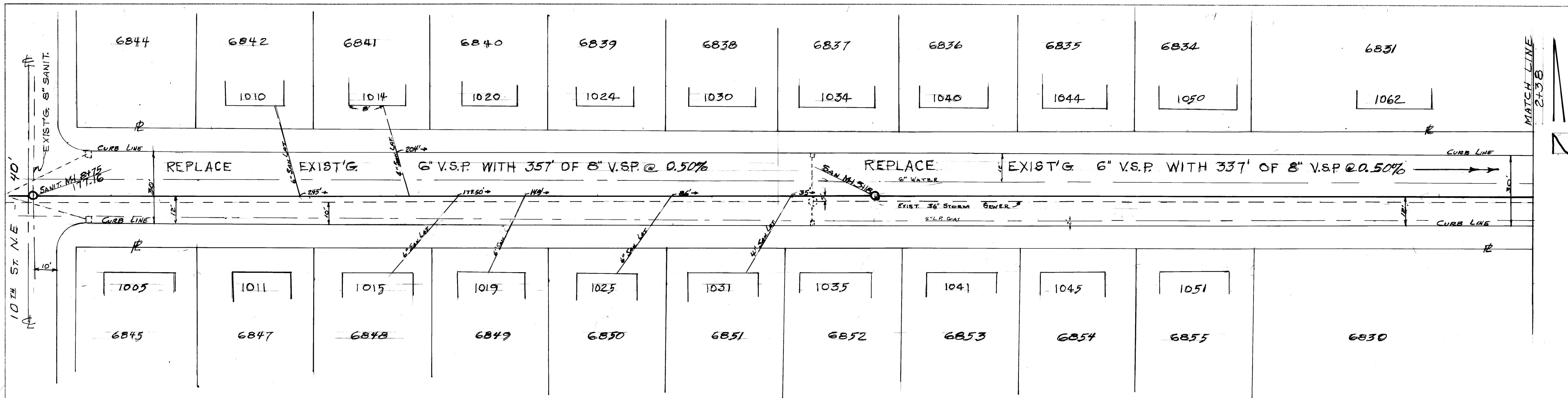


BENCH
TOP OF HYDRANT AT 1034 IRVINGTON
179.49

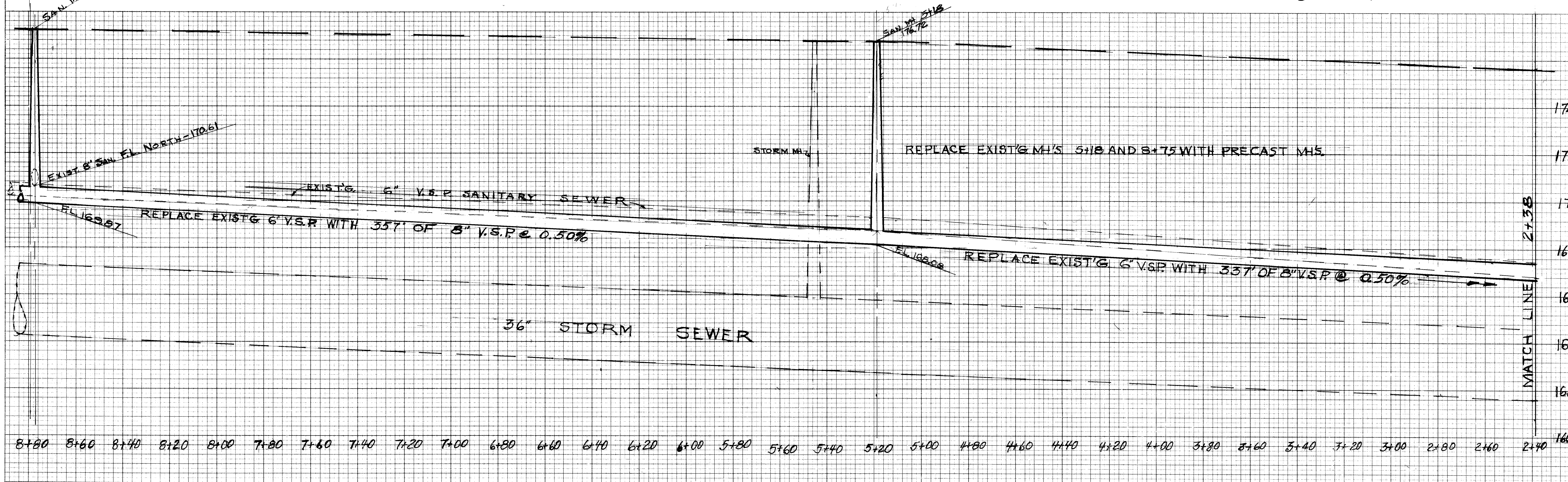
CITY OF MASSILLON, OHIO	
REPAIR OF SANITARY SEWER IRVINGTON AVE. AND 11TH ST. NE	
DR. BY TED KOLEFF	DEPT. OF PUBLIC SERVICE ENGINEERING DIVISION
CITY ENG. ROBERT WAGONER	SHEET 1
SCALE 1"=20'	DATE

20

DATE	
BY	
ORIGINAL SURVEY	
NOTED BOOK	
NO.	



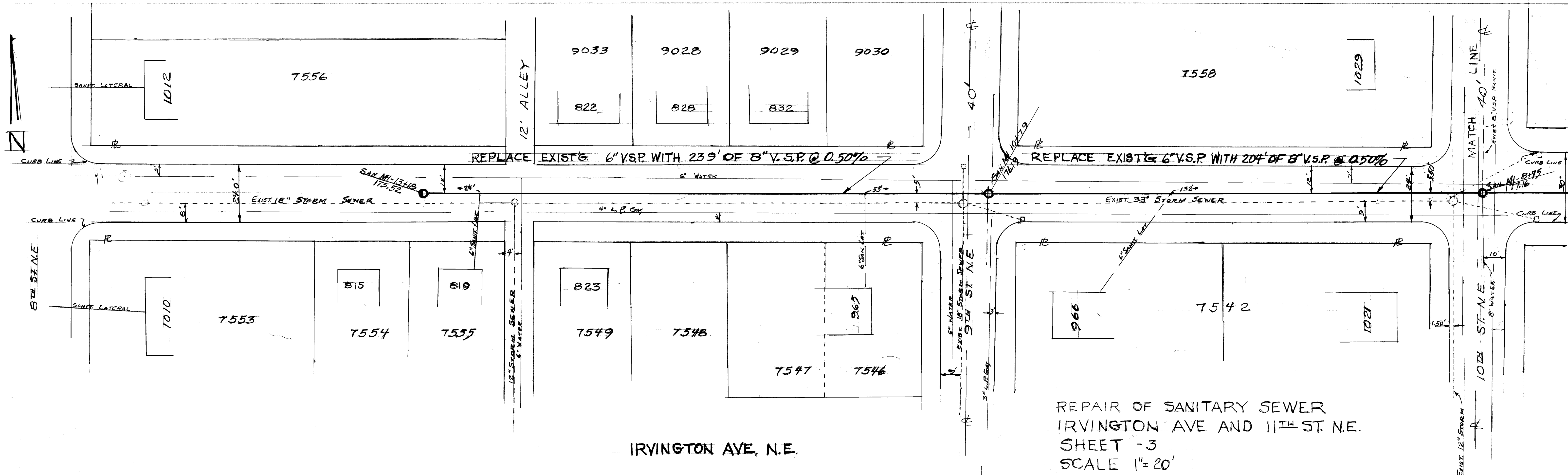
DATE	
BY	
ORIGINAL SURVEY	
NOTED BOOK	
NO.	



12

REVIEWED
SURVEY
TEMPLATE
NO. 100

REVIEWED
SURVEY
TEMPLATE
NO. 100



IRVINGTON AVE, N.E.

REPAIR OF SANITARY SEWER
IRVINGTON AVE AND 11th ST. N.E.
SHEET - 3
SCALE 1" = 20'

BENCH
TOP OF HYDRANT AT 1034 IRVINGTON - 179.49

REPLACE EXIST'G MH 13+18 WITH BRICK MH
PLASTERED INSIDE & OUTSIDE

REPLACE EXIST'G SANIT. MH 10+79 WITH PRECAST MH.

EXIST'G 6" V.S.P. SANITARY SEWER

REPLACE EXIST'G 6" V.S.P. WITH 239' OF 8" V.S.P. @ 0.50%

REPLACE EXIST'G 6" V.S.P. WITH 204' OF 8" V.S.P. @ 0.50%

18" STORM SEWER

33" STORM SEWER

13+20 13+00 12+80 12+60 12+40 12+20 12+00 11+80 11+60 11+40 11+20 11+00 10+80 10+60 10+40 10+20 10+00 9+80 9+60 9+40 9+20 9+00 8+80 8+60