

STORM SEWERS

15' ALLEY SOUTH OF WALNUT RD. S.W. & RONDALE, MEADOWBROOK S.W.

MAYOR.....DELBERT A. DEMMER

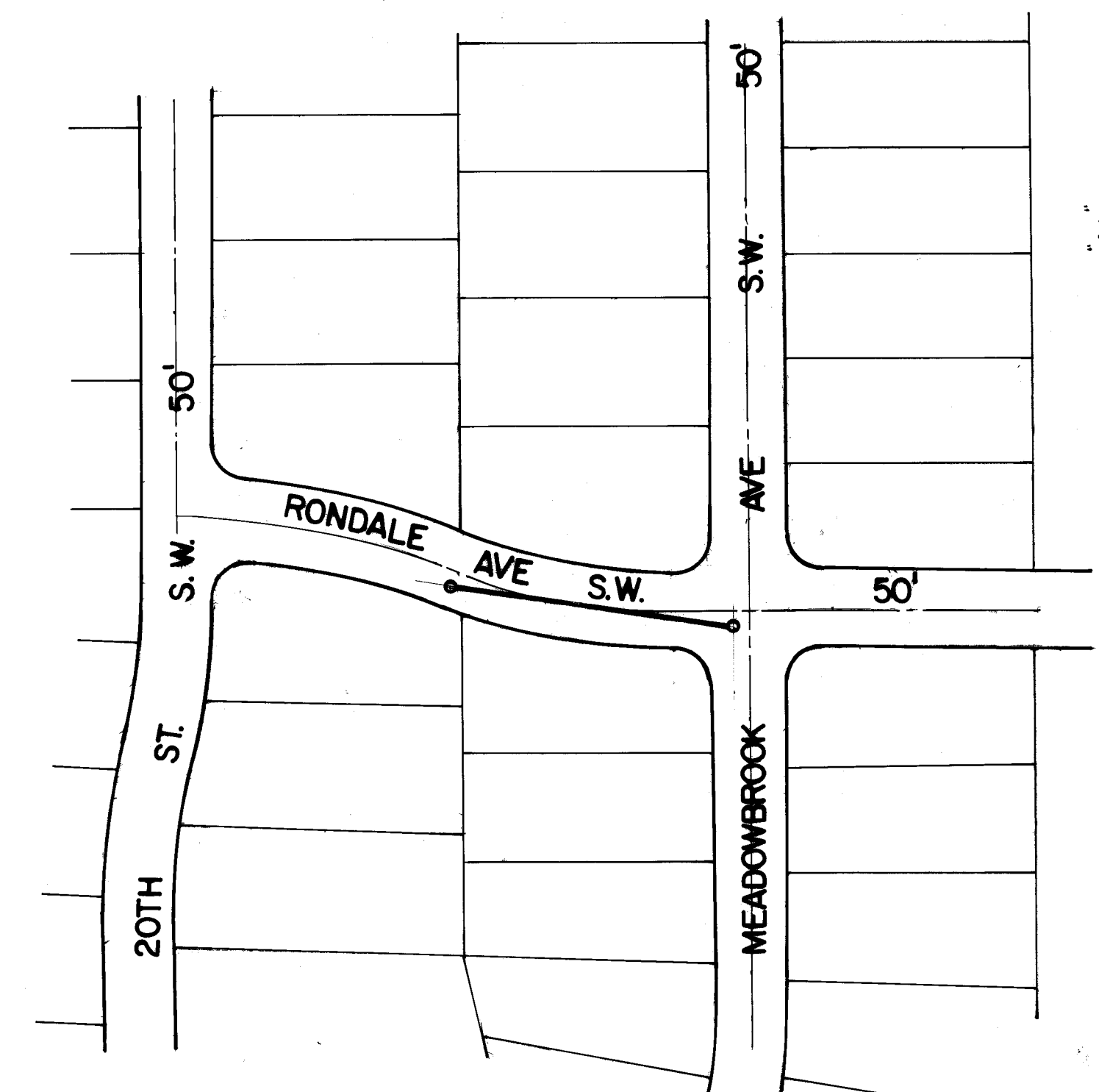
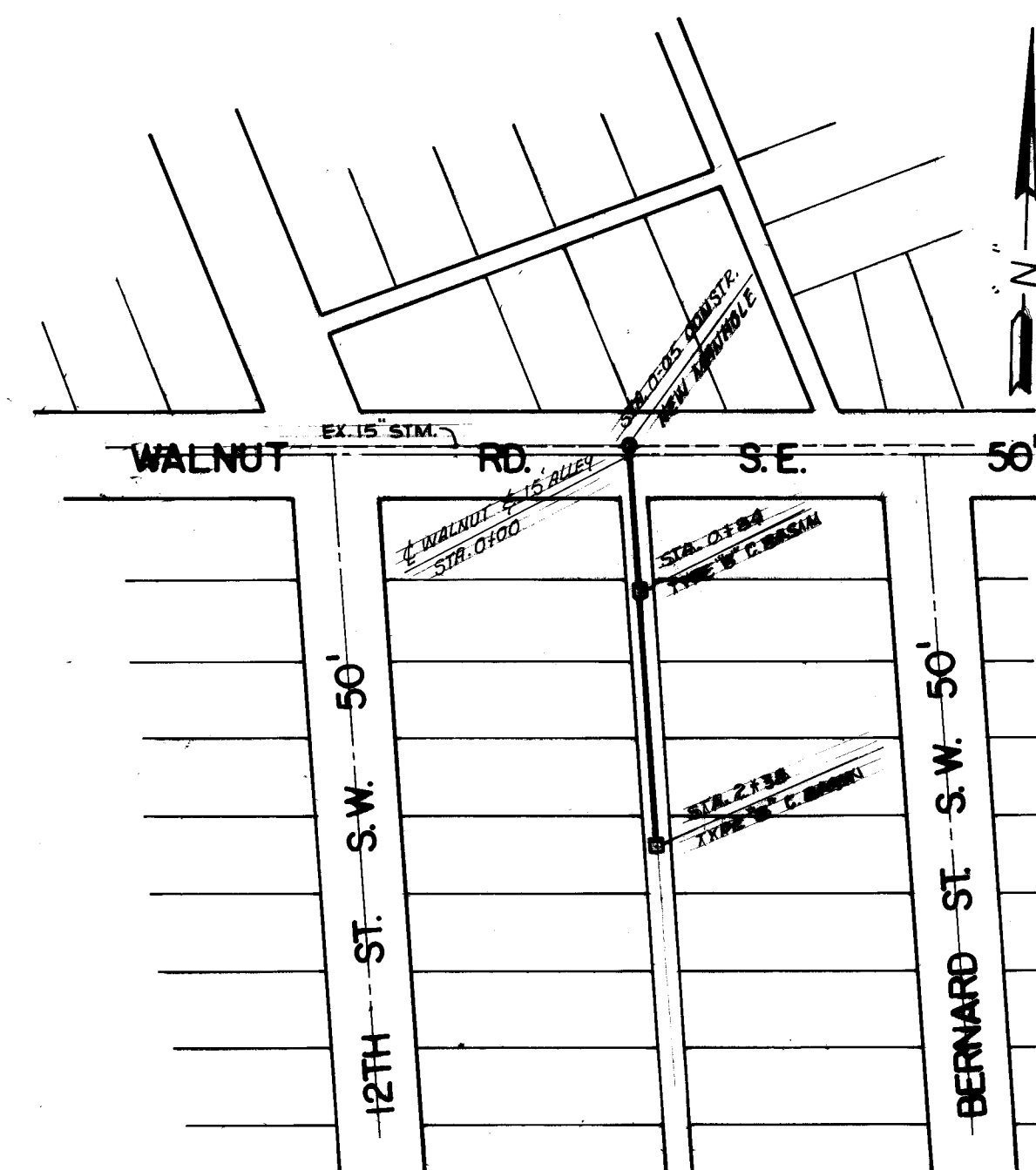
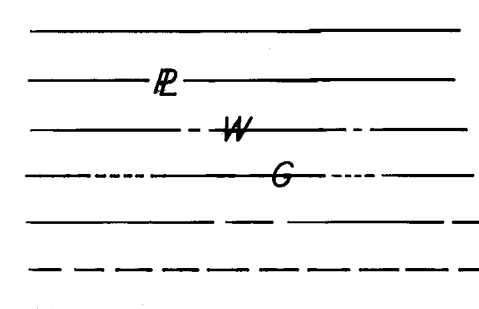
SAFETY SERVICE DIR...RICHARD S. KASERMAN

CITY ENGINEER.....ROBERT WAGONER

CONVENTIONAL SIGNS

MANHOLES
CURB LINE
PROPERTY LINE
WATER LINE
GAS LINE
SANITARY SEWER
STORM SEWER
PROPOSED SEWER

○ NEW ○ EXIST.



SITE MAPS

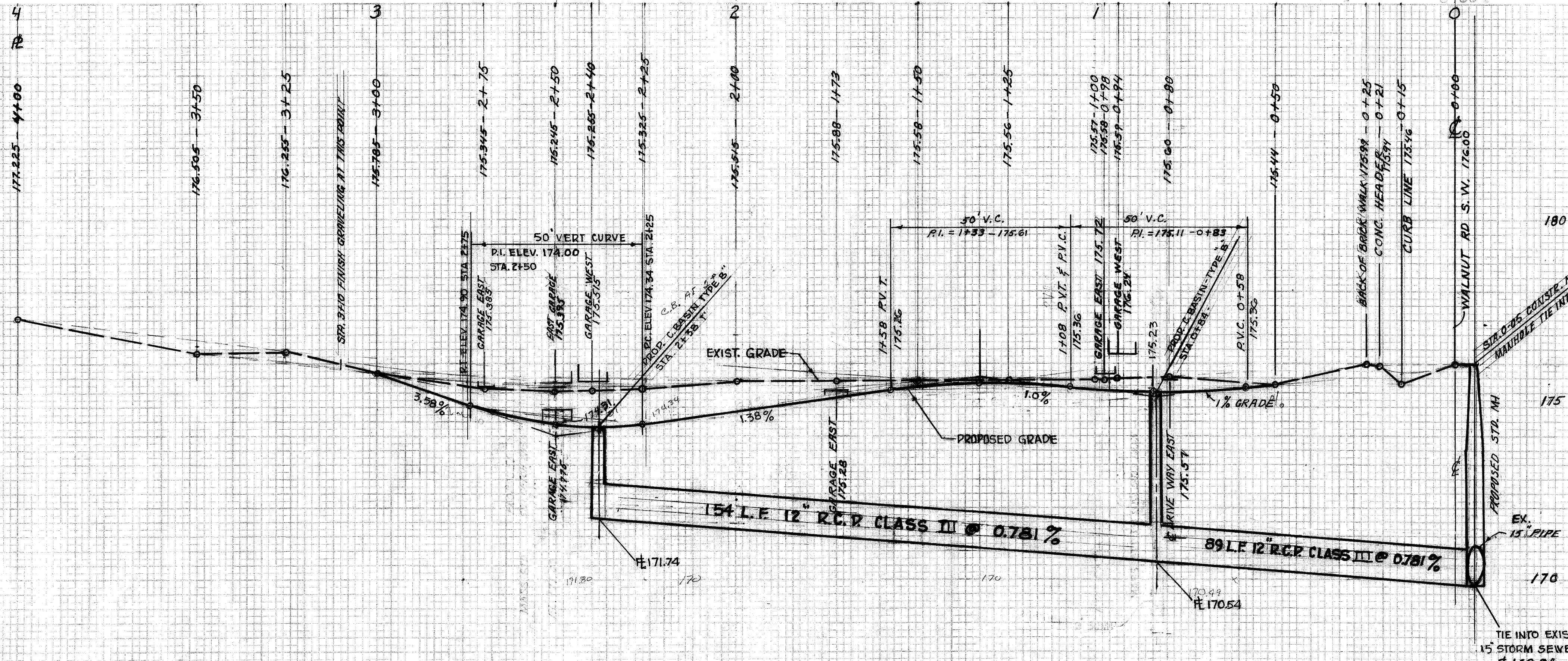
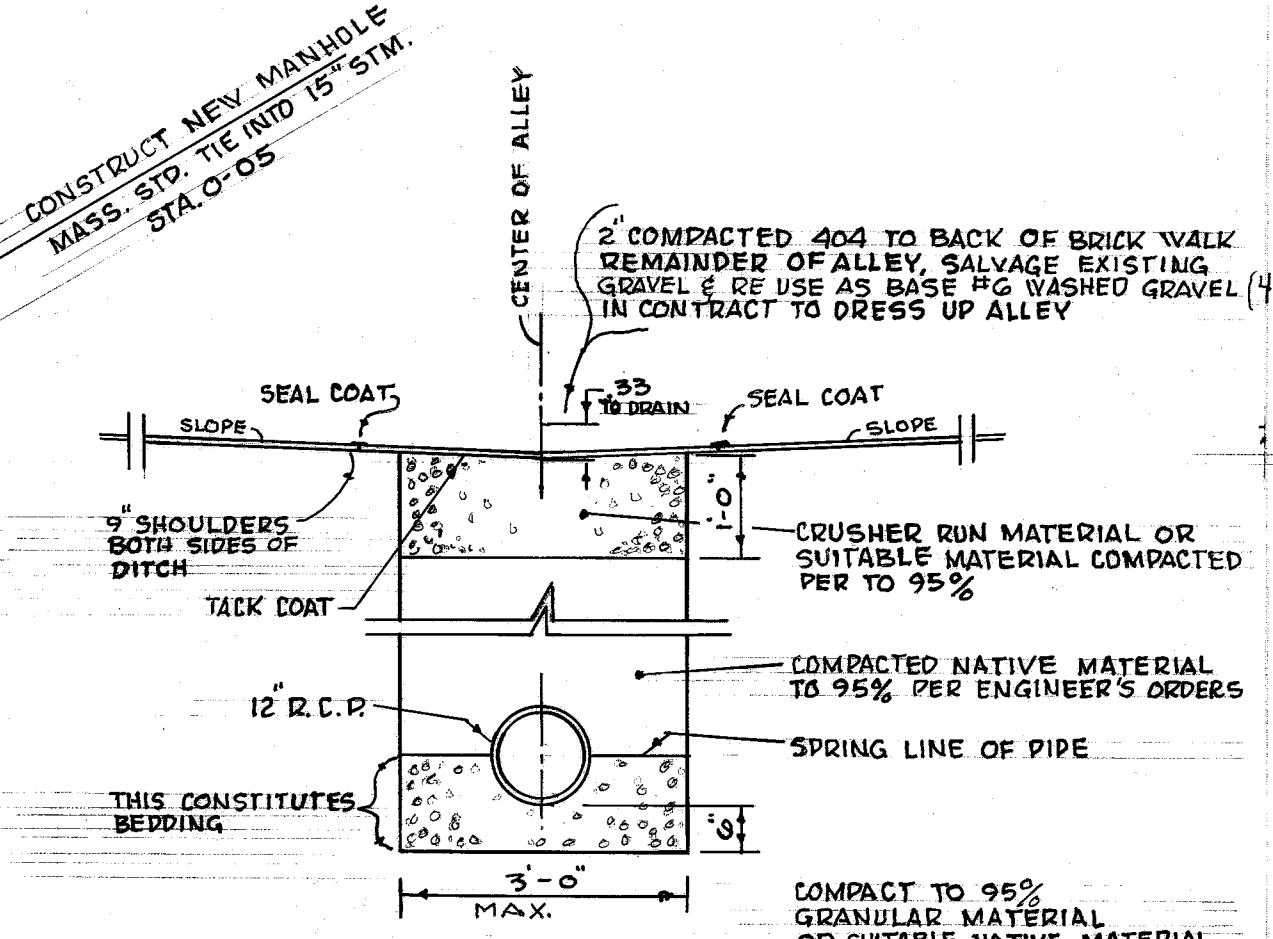
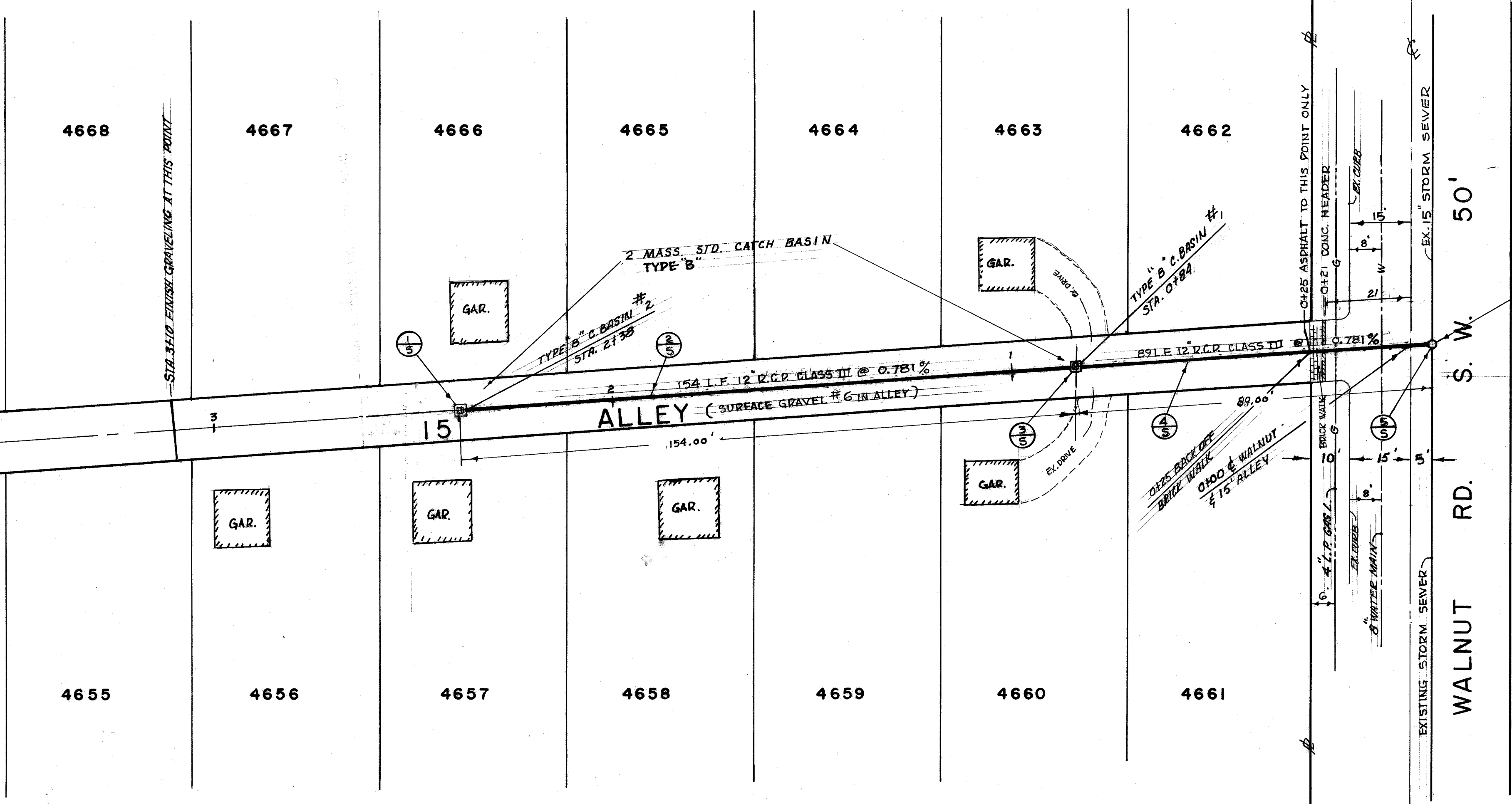
SCALE 1" = 10'-0"

PREPARED BY RON MCPHERSON, TED KOLEFF
MASSILLON CITY ENGINEERING DEPARTMENT

GENERAL NOTES :

1. ALL CONSTRUCTION TO BE PER CITY OF MASSILLON SPECIFICATIONS AND STANDARDS
2. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES BEFORE WORK IS DONE.
3. CONSTRUCTION SIGNS; CONTRACTOR SHALL ERECT AND MAINTAIN ALL NECESSARY SIGNS BARRICADES AND LIGHTS. THIS IS TO BE INCLUDED IN THE BASE PRICE OF THE PIPE.
4. ALL MANHOLES TO BE PRECAST CONCRETE WITH A MINIMUM OF 1'-0" OF ADJUSTING RING ON TOP OF CONE.
5. BACKFILL TO BE COMPACTED PER SPECIFICATIONS, IF UNSUITABLE, GRANULAR BACKFILL MAY BE ORDERED BY THE ENGINEER.
6. JOINT OF CONSTRUCTION BED JOINT AND SALVAGED GRAVEL SHALL BE INCLUDED IN THE PRICE OF CONCRETE PIPE.
7. ALL CATCH BASINS AND MANHOLES TO BE MASSILLON CITY STANDARD; SEE ATTACHED SHEETS.
8. BACKFILL MUST BE AT OPTIMUM MOISTURE.
9. BRICK LAYER AND METHOD OF CONSTRUCTION SHALL BE SUBJECT TO THE APPROVAL OF THE CITY ENGINEER.
10. BEDDING IS TO BE INCLUDED IN THE PRICE OF PIPE. SEE SKETCH FOR STANDARD.
11. PRECAST CATCH BASINS ARE PERMISSIBLE, PROVIDED A SIX (6) INCH ADJUSTING RING IS USED.
12. ALL STREET REPAIR TO BE AS PER DETAIL.
13. MOVING JOINTS OR MASTIC JOINTS ARE PERMISSIBLE IN THE CONCRETE PIPE.
14. JOINTS SHALL NOT BE USED WITH THE PRECAST MANHOLE RISERS ON SHALLOW MANHOLES.
15. ASPHALT IS TO BE APPLIED IN SUITABLE WEATHER OR PER ENGINEER'S DIRECTION.
16. WHEN CONFLICTS ARISE OVER THE INTERPRETATION OF NOTES AND DETAILS THE NOTES AND DETAILS IN THE DRAWINGS TAKE PRECEDENCE OVER THE GENERAL PROVISIONS AND SPECIFICATIONS THAT APPEAR IN THE CONTRACT.
17. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN THE TEMPORARY REPAIR UNTIL PERMANENT REPAIRS ARE MADE.
18. IF SANITARY SEWER LATERALS ARE BROKEN, THE CONTRACTOR SHALL REPAIR THE LATERAL AT HIS OWN EXPENSE.
19. PRIME COAT AND SEAL COAT TO BE INCLUDED IN THE UNIT PRICE OF THE ASPHALT.
20. CONNECTING THE NEW STORM SEWER TO THE EXISTING MANHOLE, EXISTING FIELD DRAINS ETC. WILL BE INCLUDED IN THE UNIT PRICE OF THE PIPE.
21. REMOVAL OF EXISTING PAVEMENT WILL BE INCLUDED IN THE UNIT PRICE OF THE PIPE, GRANULAR MATERIAL MAY BE ORDERED FROM MATERIALS, FILL SHALL PER ENGINEER'S ORDER.

ESTIMATED QUANTITY					
STATION		SIDE	G.O. 3 12" R.C.P. CLASS III PIPE L.F.	G.O. 4 TYPE "B" CATCH BASIN EA.	G.O. 4 CONCRETE MANHOLE V.E.
FROM	TO				
1-S	2+58	2+58	154	1	
2-S	0+84	0+84		5 Vert. Ft.	
3-S	0+84	0+84	89		
4-S	0-05	0+84			6.16
5-S	0-05	0-05			
TOTAL			243	2	6.16



BENCH MARK; HYD. WALNUT & BERNARD S.W.
ELEV. = 177.49

CITY OF MASSILLON, OHIO
PLAN FOR 15' ALLEY
BETWEEN BERNARD & 12TH S.W., OFF WALNUT RD. S.W.

CITY ENG. - ROBERT WAGONER
DR. BY - RONNIE MCPHERSON

DATE JUNE 12, 1980 FIELD BOOK 219 PAGE 46
SCALE 1" = 20' FT. VERT.
2" = 2' FT. HORZ.

FINAL SURVEY
BY: [Signature]
DATE: [Date]
NOTE: [Notes]
NO. [Number]

ORIGINAL SURVEY
BY: [Signature]
DATE: [Date]
NOTE: [Notes]
NO. [Number]