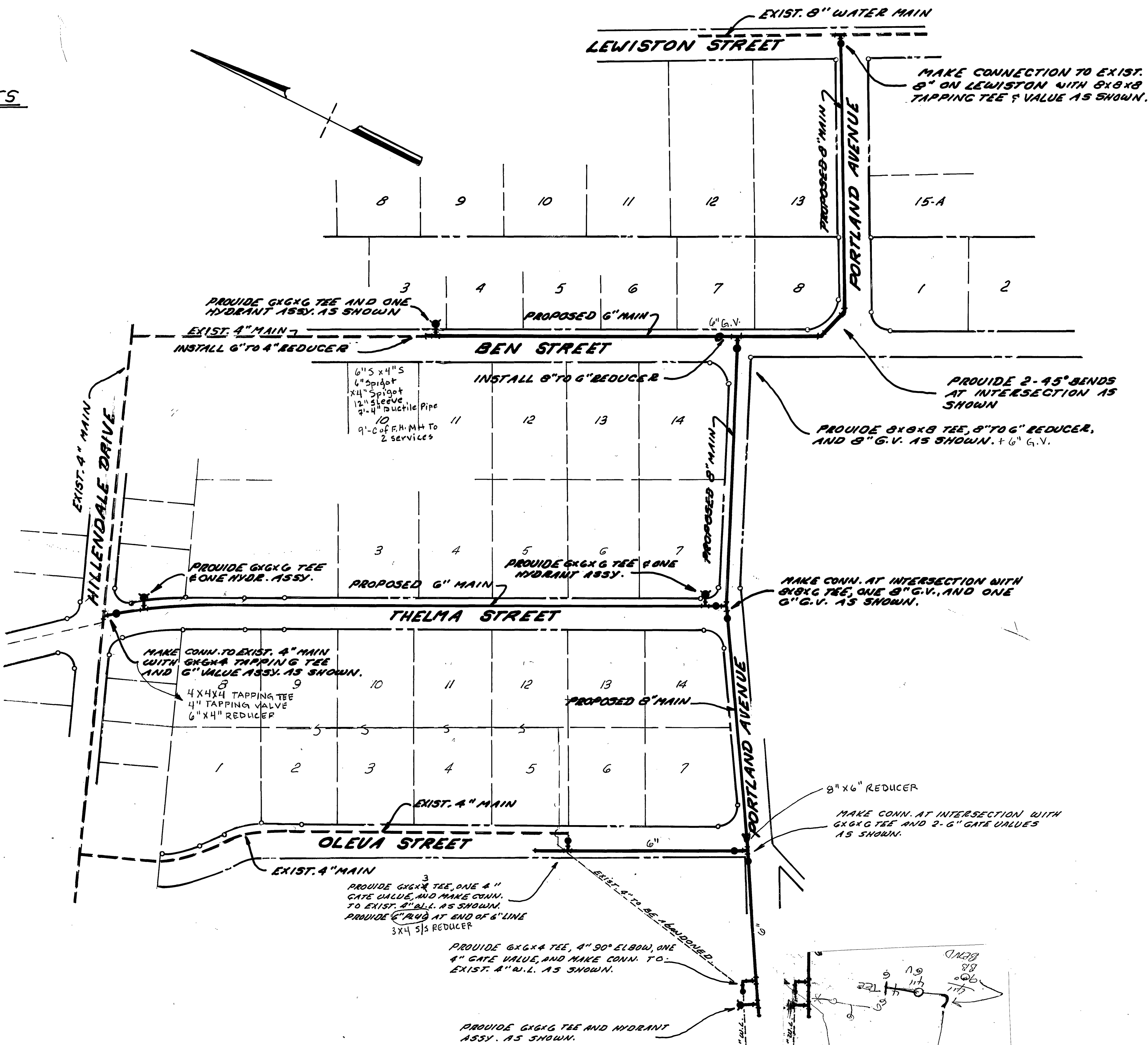


SUMMARY OF ESTIMATED QUANTITIES

ITEM	UNIT	QUAN.
1. 8 INCH DIA. WATER MAIN.	L.F.	16.50
2. 6 INCH DIA. WATER MAIN.	L.F.	17.50
3. 8"x8"x8" TAPPING TEE & VALVE	EA.	1
4. 6"x6"x4" TAPPING TEE & VALVE	EA.	1
5. 8" DIA. x 4.5" BENDS.	EA.	2
6. 6"x6"x6" HYDRANT TEE	EA.	3
7. 8"x8"x6" HYDRANT TEE	EA.	1
8. HYDRANT ASSY. IN PLACE	EA.	4
9. 8"x8"x8" JUNCTION TEE	EA.	1
10. 8"x8"x6" JUNCTION TEE	EA.	2
11. 8 INCH GATE VALVES	EA.	3
12. 6 INCH GATE VALVES	EA.	2
13. 4 INCH GATE VALVES	EA.	2
14. 8" TO 6" REDUCER	EA.	1
15. 6" TO 4" REDUCER	EA.	1
16. 8" DIA. PIPE PLUG	EA.	1
17. 6" DIA. PIPE PLUG	EA.	1
18. 4" DIA. PIPE TIE IN	L.F.	20
19. 4" DIA. 90° ELBOW	EA.	1

No. 2 VALVE BOX

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GENERAL CONSTRUCTION NOTES

1. ALL WORK TO BE DONE BY CITY FORCES.
2. PROPER NOTICE SHALL BE GIVEN FOR TEMPORARY SERVICE INTERRUPTION DUE TO CONSTRUCTION, SERVICE CONNS. AND CONNS. TO THE EXISTING SYSTEM.
3. VALVE SHUT OFF AND CONTROL SHALL BE COORDINATED BY THE CITY OF ROANOKE WATER DEPARTMENT.
4. TESTING & DISINFECTION SHALL BE ACCOMPLISHED BY LATEST STANDARDS & SPECIFICATIONS OF THE CITY OF ROANOKE.
5. THE LOCATIONS OF UNDERGROUND UTILITIES SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION TO AVOID CONFLICTS WITH PROPOSED WATER LINES.
6. THE CITY OF ROANOKE SHALL EXECUTE & MAINTAIN ALL NECESSARY SIGNS, BARRICADES, DETOURES, FLAG MEN, AND OTHER TRAFFIC MAINTENANCE NECESSARY FOR CONST.

APPROVED:

Richard B. Brown DATE: 2 Oct 84
CITY ENGINEER OF ROANOKE, VIRGINIA

Pat B. In DATE: Oct 2, 84
DIRECTOR OF UTILITIES AND OPERATIONS

William M. McNeill DATE: Oct 2, 84
DIRECTOR OF PUBLIC WORKS

CITY OF ROANOKE
WATER DEPARTMENT
PLAN NO. 84-21 DATE 8-29-84
LEWISTON, PORTLAND, BEN, THELMA,
OLEVA, AND HILLEDALE TIE IN
6 INCH 18 INCH WATER MAIN

SCALE: 1"=100 FT.
DRAWN BY: E.S.
APPROVED BY: _____
DISTRIBUTION MAP NO. 642