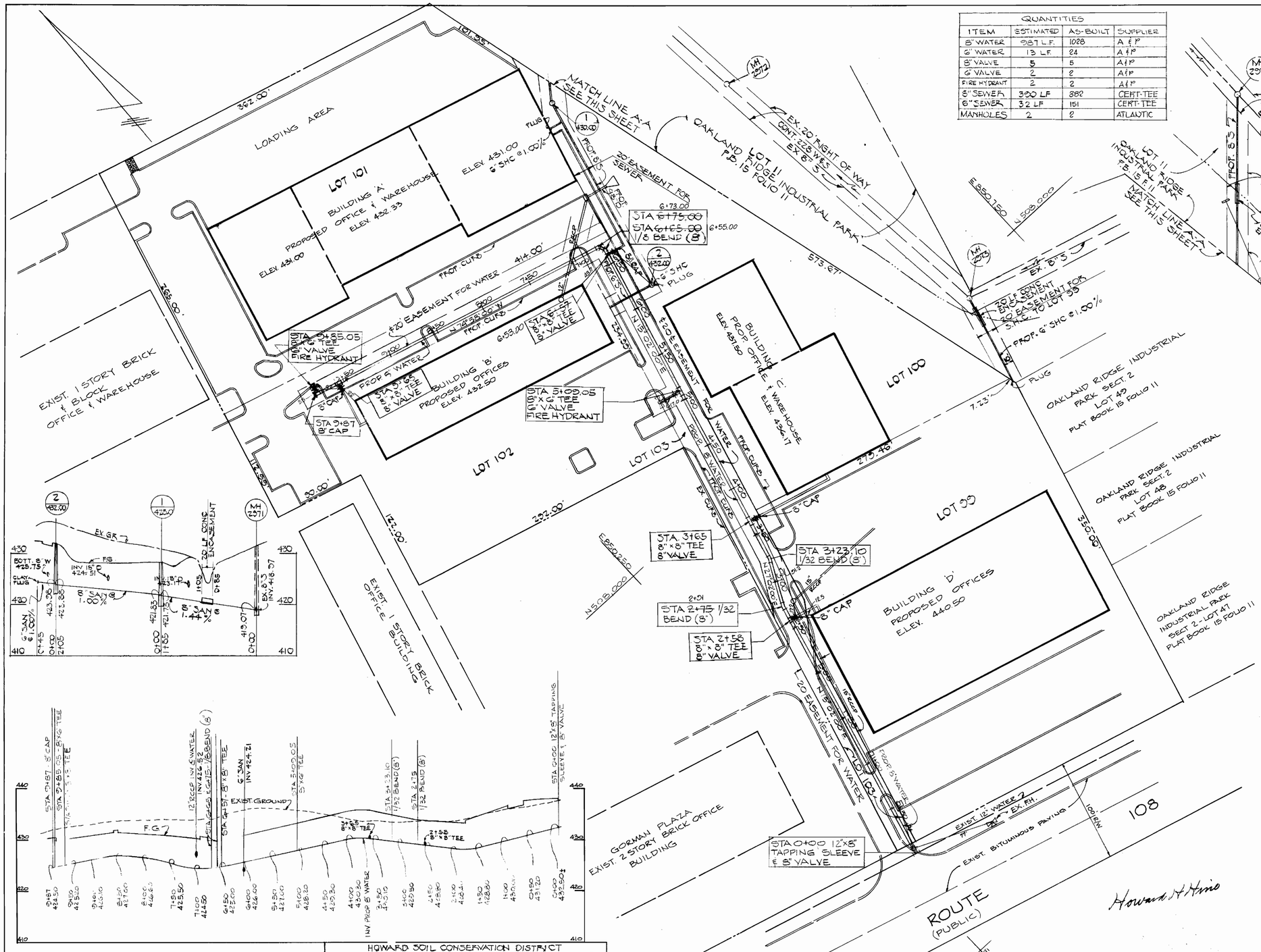
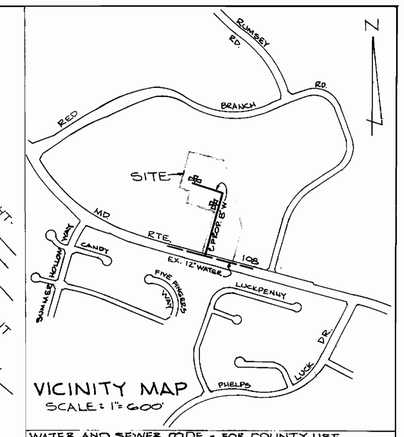
QUANTITIES			
ITEM	ESTIMATED	AS-BUILT	SUPPLIER
8" WATER	987 L.F.	1028	A & P
6" WATER	13 L.F.	24	A & P
8" VALVE	5	5	A & P
6" VALVE	2	2	A & P
FIRE HYDRANT	2	2	A & P
8" SEWER	300 LF	382	CERT-TEE
6" SEWER	32 LF	151	CERT-TEE
MANHOLES	2	2	ATLANTIC





VICINITY MAP
SCALE: 1" = 600'

WATER AND SEWER CODE - FOR COUNTY USE
WATER NO. G04
SEWER NO. 56574.00

TYPE OF BUILDINGS - WAREHOUSES & OFFICES
NO. OF LOTS - 1
NO. OF WATER HOUSE CONNECTIONS 4

GENERAL NOTES

1. APPROXIMATE LOCATION OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING MAINS & SERVICES & MAINTAIN UNINTERUPTED SUPPLY. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY.
2. ALL HORIZ. CONTROLS ARE BASED ON MARYLAND STATE COORDINATES.
3. ALL VERT. CONTROLS ARE BASED ON U.S.G.S. DATUM.
4. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
5. CLEAR ALL UTILITIES BY A MIN. OF 6". CLEAR ALL POLES 2'-0" MIN. OR TUNNEL AS REQUIRED.
6. FOR ALL STANDARD DETAILS SEE STANDARDS BOUND IN SPECIFICATIONS.
7. CONTRACTORS SHALL NOTIFY THE FOLLOWING UTILITIES AND AGENCIES AT LEAST FIVE (5) DAYS BEFORE STARTING WORK ON THESE PLANS.
   CUSTOMER SERVICE 685-0123
   C & P TELEPHONE CO. 725-9966
   AMERICAN TELEPHONE & TELEGRAPH - CABLE LOCATION DIVISION 301-393-3553
   BUREAU OF UTILITIES HOWARD COUNTY 992-2366
8. CONTRACTOR SHALL LOCATE EXISTING UTILITIES IN ADVANCE OF CONSTRUCTION OPERATIONS IN THE VICINITY OF PROPOSED UTILITIES.
9. CONTRACTOR SHALL REMOVE TREES, STUMPS & ROOTS ALONG LINE OF EXCAVATION AS DIRECTED BY THE ENGINEER. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR EXCAVATION & BACKFILL FOR WATER MAINS.
10. TREES ARE TO BE PROTECTED FROM DAMAGE TO MAXIMUM EXTENT. TREES LOCATED WITHIN THE CONSTRUCTION STRIP ARE NOT TO BE REMOVED OR DAMAGED BY THE CONTRACTOR.
11. PLACE REGULATION "MEN WORKING" & WARNING SIGN AS REQUIRED TO COMPLY WITH MD. STATE HIGHWAY ADMINISTRATION MANUAL OF TRAFFIC CONTROL FOR HIGHWAY CONSTRUCTION & MAINTENANCE OPERATIONS
12. ALL WATER MAINS TO BE C.I.P. OR D.I.P. UNLESS OTHERWISE NOTED.
13. TOP OF ALL WATER MAINS TO HAVE 3½' COVER UNLESS OTHERWISE NOTED.
14. ALL VALVES SHALL BE STRAPPED TO TEES IN ACCORDANCE WITH STANDARD DETAILS.
15. BLOCK ALL FITTINGS WITH CONCRETE. SEE STANDARDS BOUND IN SPECIFICATIONS.
16. BURY LINE ELEVATIONS ON FIRE HYDRANT SHALL BE TO THE ELEVATIONS SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE STRAPPED & BUTTRESSED IN CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS. SOIL AROUND THE FIRE HYDRANTS TO BE COMPACTED IN ACCORDANCE WITH SECTION 5-15 OF THE STANDARD SPECS.
17. ALL WATER HOUSE CONNECTIONS SHALL BE METER SETTING FOR INSIDE.
18. THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAINS VALVES ON THE EXISTING SYSTEM.

HOWARD SOIL CONSERVATION DISTRICT
REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
12-17-80

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
12-17-80

NOTE:
SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED IN ACCORDANCE WITH SDP 81-60c

REV. 3-16-81 ADD 3 COORDINATE TICKS
ELIMINATE "CLAY" PLUGS - ELIMINATE 10.00% SLOPE FOR 6" SHC IN TO BLDG 'C'
REVISE 3 STATIONS ON WATER PROFILE AS SHOWN

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
12/17/80 — CHIEF, BUREAU OF UTILITIES
12/18/80 — CHIEF, BUREAU OF ENGINEERING

HUDKINS ASSOCIATES INC.
ENGINEERS & LAND SURVEYORS
101 SHELL BUILDING
200 E. JOPPA RD. TOWSON, MARYLAND 21204

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
12-18-80 — CHIEF, LAND DEVELOPMENT DIVISION
12-18-80 — DIRECTOR OF PUBLIC WORKS

CONTRACT NO. 24-0953-D

PLAN & PROFILE OF WATER & SEWER MAIN

LOTS 99, 100, 101, 102 & 103
OAKLAND RIDGE INDUSTRIAL PARK
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

OAKLAND RIDGE INDUSTRIAL PARK
SECT. 2 - LOTS 99 THRU 102 - C. 24-0953-D

DRAWING No. 1 OF 1

SCALE
PLAN: 1" = 50'
PROFILE: HOR. 1" = 100' VERT. 1" = 10'

JOB 5912

DATE: NOV. 27, 1980

1912

AS-BUILT JUNE 1981