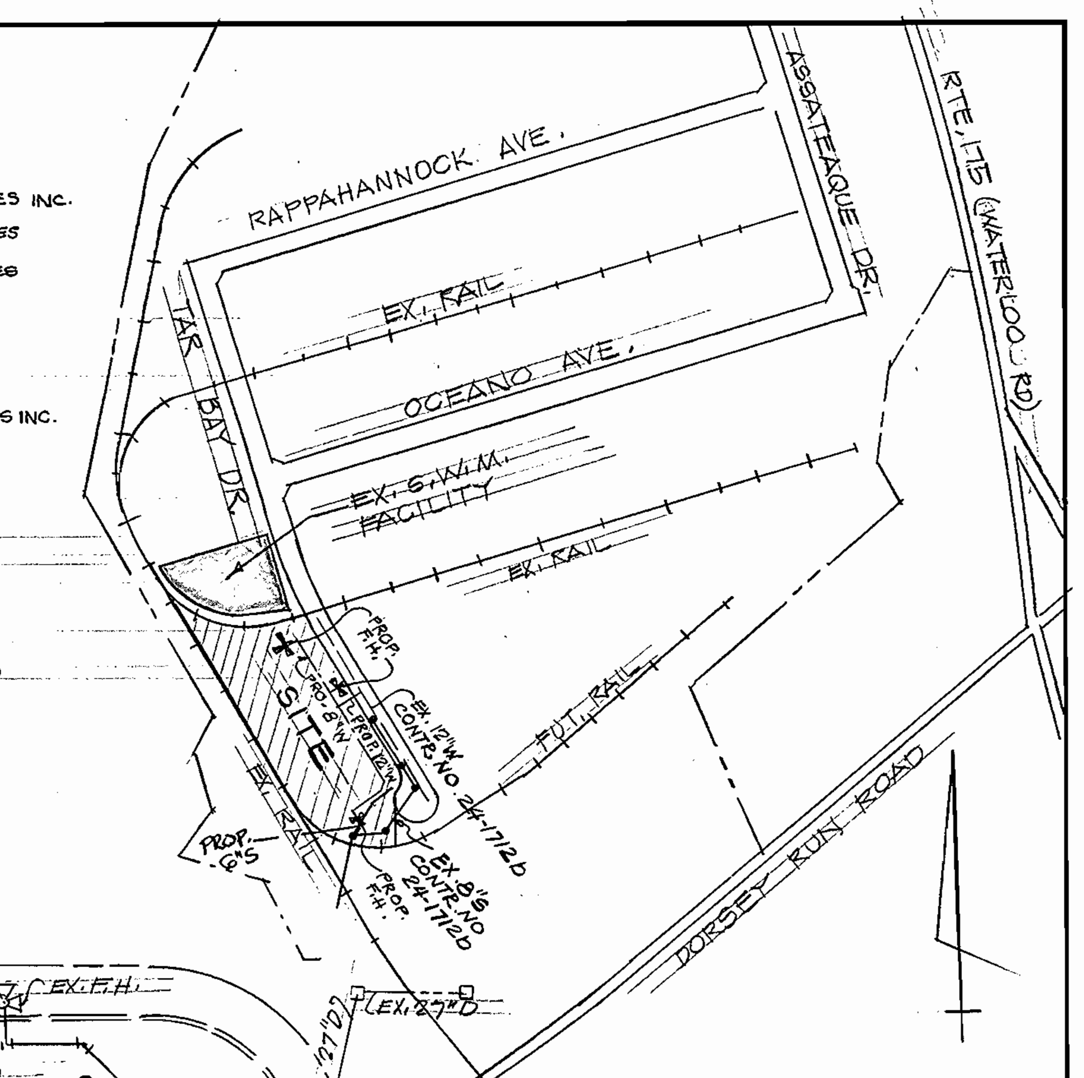
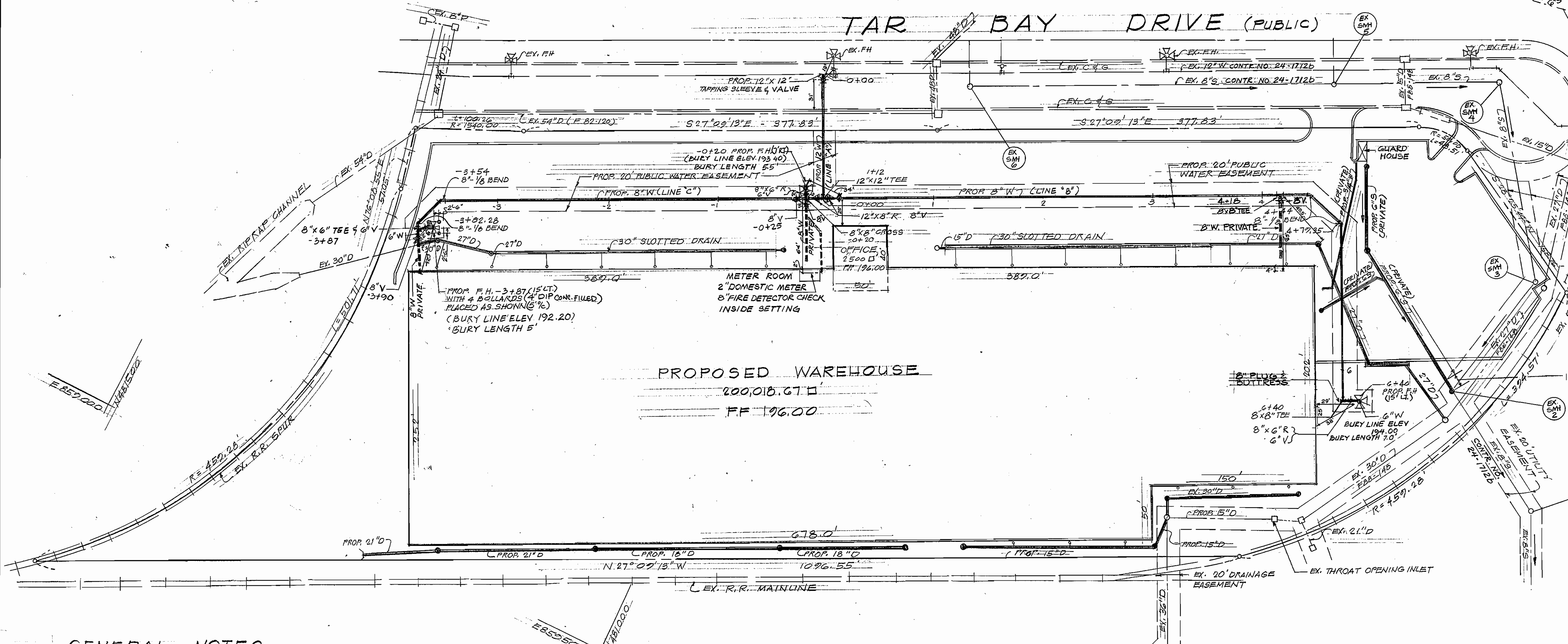
DRAINAGE AREA – LITTLE PATUXENT
NO. SHC = 1
NO. WHC = 1
TYPE OF BUILDING – WAREHOUSE & OFFICE
WATER CODE = B02
SEWER CODE = 313000

QUANTITIES

ITEM	EST'D	AS BUILT	SUPPLIER
12" WATER	112 LF.	112 LF	A&P WATER & SEWER SUPPLIES INC.
8" WATER	1033 LF.	1033 LF	" ATLANTIC STATES
6" WATER	37 LF.	37 LF	" ATLANTIC STATES
FIRE HYDRANT	3 EA.	3 EA.	" MUELLER
6" F.H. VALVE	3 EA.	3 EA.	" MUELLER
12"x12" TAP. SLV. & VAL.	1 EA.	1 EA.	" TYLER PIPE
12"x12" TEE	1 EA.	1 EA.	A&P WATER & SEWER SUPPLIES INC.
8"x8" TEE	2 EA.	2 EA.	" TYLER PIPE
8"x6" TEE	1 EA.	1 EA.	" TYLER PIPE
8"x8" CROSS	1 EA.	1 EA.	" TYLER PIPE
8" VALVE	4 EA.	*5 EA.	" MUELLER
12"x8" REDUCER	2 EA.	2 EA.	" TYLER PIPE
8"x6" REDUCER	2 EA.	2 EA.	" TYLER PIPE
6" SEWER	10 LF.	10 LF	" CERTAIN TEED



VICINITY MAP
SCALE: 1" = 600'



GENERAL NOTES

1. APPROXIMATE LOCATION OF EXIST. MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARRY PRECAUTIONS TO PROTECT EXIST. MAIN AND SERVICES MAINTAIN UNINTERUPTED SUPPLY AND DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTORS EXPENSES.
2. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
3. FOR DETAILS NOT SHOWN ON THE DRAWINGS, USE HOWARD COUNTY STANDARD DETAILS.
4. FOR MATERIAL AND CONSTRUCTION METHODS, USE HOWARD COUNTY STANDARD SPICIFICATION.
5. CONTRACTOR SHALL LOCATE EXIST. UTILITIES A MINIMUM OF TWO (2) WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS IN THE VICINITY OF PROPOSED UTILITIES AT HIS OWN EXPENSES.
6. CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS.
   BALTO. GAS & ELECTRIC CO. - UNDERGROUND GAS DISTRIBUTION
   CUSTOMER SERVICE = 685-0123
   BALTO. GAS & ELECTRIC CO. - UNDERGROUND ELECTRICT DISTRIBUTION
   CUSTOMER SERVICE = 685-0123
   ENGINEERING "DAMAGE CONTROL" = 234-5621
   "MISSUTILITY" = 1-559-0100
   CHESAPEAKE & POTOMAC TELEPHONE CO. = 725-9976
   BUREAU OF UTILITIES, HOWARD CO. = 992-2366
7. ALL WATER MAINS TO BE D.I.P. CLASS 52 UNLESS NOTED OTHERWISE.
8. TOP OF WATER MAINS TO HAVE A MINIMUM OF 3'-6" COVER UNLESS OTHERWISE NOTED.
9. VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES
10. BLOCK ALL FITTINGS WITH CONCRETE.
11. BURY LINE ELEVATIONS ON FIRE HYDRANTS SHALL BE SET TO THE ELEVATION ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE STRAPPED AND BUTTRESSED WITH CONC. IN ACCORDANCE WITH STANDARD DETAILS SOIL AROUND THE FIRE HYDRANTS TO BE COMPACTED IN ACCORDANCE WITH SECTIONS 1000 & 1005 STANDARD SPICIFICATIONS, FIRE HYDRANTS SHALL BE SET AS PER HOWARD CO. STD. DET. W1.11
12. THE CONTRACTOR SHALL NOT OPERATE ANY WATER VALVES ON THE EXISTING SYSTEM.
13. SERVICE CLAMPS ARE TO HAVE STAINLESS STRAPS.
14. WATER METER SETTING TO BE INSIDE BUILDING.

THIS DEVELOPMENT PLAN IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY HOWARD SOIL CONSERVATION DISTRICT.

APPROVED: *[signature]* 5/9/90
HOWARD SOIL CONSERVATION DISTRICT — DATE

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THESE SPICIFICATION AND ALSO AS SHOWN ON THE GRADING AND SEDIMENT CONTROL PLAN: SDP-90-115

REVIEW FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

[signature] 5-9-90
U.S. SOIL CONSERVATION SERVICE

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

[signature] 5/11/90 — DIRECTOR OF PUBLIC WORKS, DATE
[signature] 5-11-90 — CHIEF, BUREAU OF ENGINEERING, DATE
[signature] 5-7-90 — CHIEF, BUREAU OF UTILITIES, DATE
[signature] 5/11/90 — CHIEF, LAND DEVELOPMENT DIV., DATE

ENGINEER
PAUL LEE ENGINEERING, INC.
304 W. PENNSYLVANIA AVE.
TOWSON, MARYLAND 21204

STATE OF MARYLAND — GEORGE LAMBROS — REGISTERED PROFESSIONAL ENGINEER

DES: GL
DRN: RA
CHK: PL
DATE: 3-19-90

BY	NO.	REVISION	DATE
PLE	1	ADD 8"W. STA. 4+18, DELETE 8"W. STA. 6+40	8-16-90

WATER & SEWER PLAN

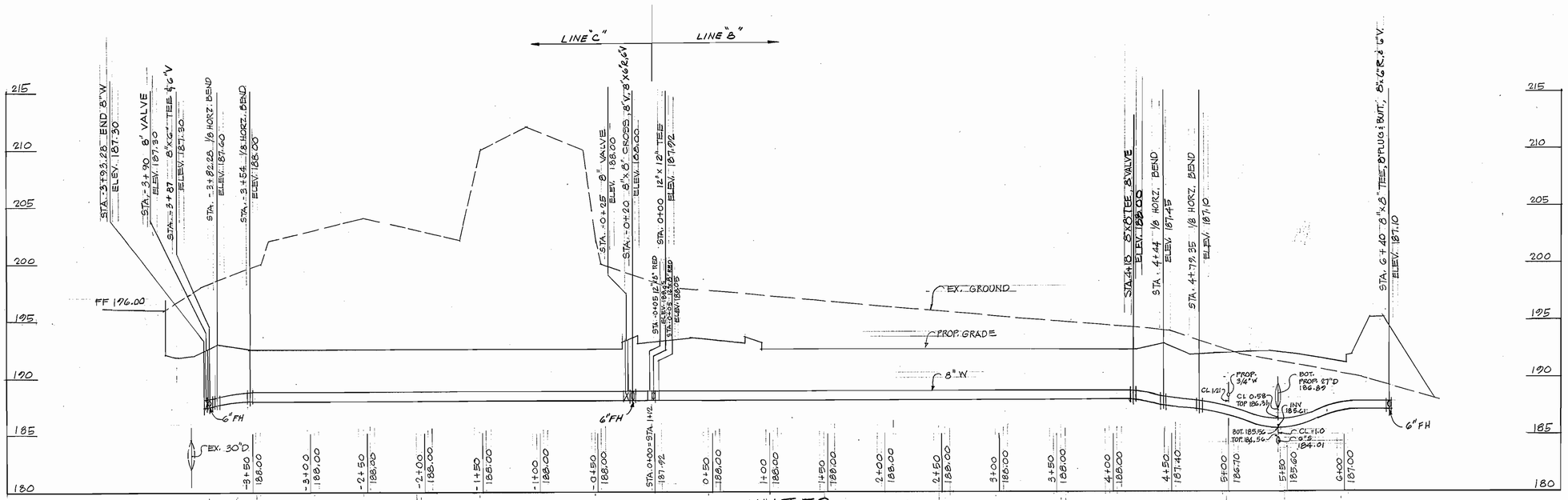
600' SCALE MAP NO. 43 BLOCK NO. 20 & 21

MARYLAND WHOLESALE FOOD CENTER
PARCEL "A" TAR BAY DRIVE
SECTION 3 BLOCK B
ELECTION DISTRICT No. 6
CONTRACT No. 24-3045-D

SCALE AS SHOWN
SHEET 1 OF 2

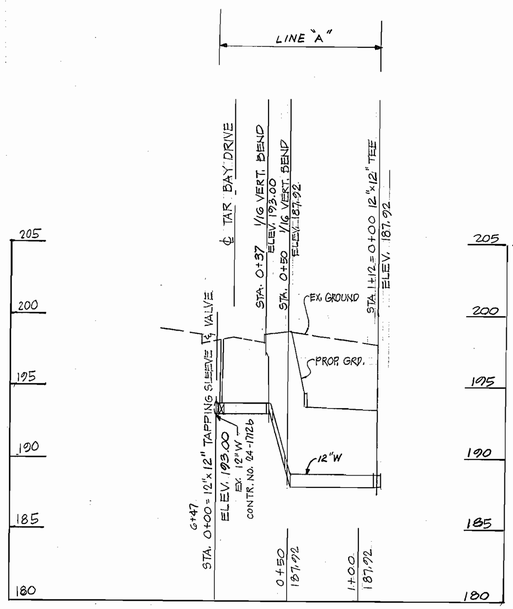
AS-BUILT: 10-04-90

N21116



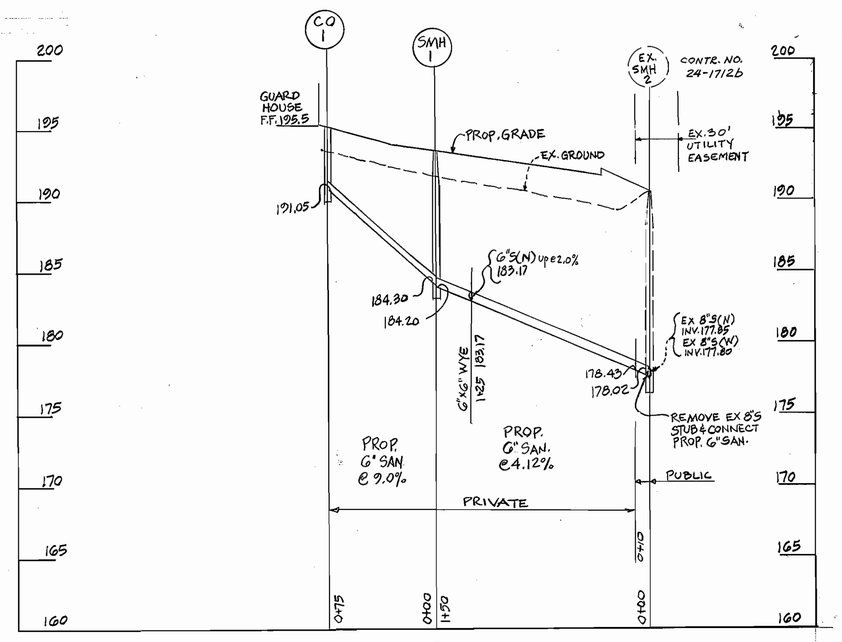
WATER PROFILE

SCALE: 1" = 50' HORZ. 1" = 5' VERT.



WATER PROFILE

SCALE: 1" = 50' HORZ. 1" = 5' VERT.



SANITARY SEWER PROFILE

SCALE: 1" = 50' HORZ. 1" = 5' VERT.

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DIRECTOR OF PUBLIC WORKS	5/11/90 DATE	CHIEF, BUREAU OF ENGINEERING	5-11-90 DATE
CHIEF, BUREAU OF UTILITIES	5-7-90 DATE	CHIEF, LAND DEVELOPMENT DIV.	5/11/90 DATE

ENGINEER
PAUL LEE ENGINEERING, INC.
304 W. PENNSYLVANIA AVE.
TOWSON, MARYLAND 21204

STATE OF MARYLAND — GEORGE LAMBROS — No. 6519 — REGISTERED PROFESSIONAL ENGINEER

DES: G.L.				
DRN: RA				
CHK: PL				
DATE: 3-19-90	P.L.E.	1	ADD 8" W. STA 4+18, DELETE 8" W. STA 6+40	
	BY	NO.	REVISION	DATE

WATER & SEWER PROFILE

600' SCALE MAP NO. 43 BLOCK NO. 20 & 21

MARYLAND WHOLESALE FOOD CENTER
PARCEL "A" TAR BAY DRIVE
SECTION 3 BLOCK B
ELECTION DISTRICT No 6
CONTRACT No 24-3045-D

SCALE AS SHOWN

SHEET 2 OF 2

AS-BUILT 10-04-90