

CONTRACT No. 24-3707-D

U.S. No.1 JOINT VENTURE PARCEL "A", PLAT CMP No. 3592 GUILFORD ELECTION DISTRICT No. 6 HOWARD COUNTY, MARYLAND DEPARTMENT OF PUBLIC WORKS

TYPE OF BUILDING:	COMMERCIAL/INDUSTRIAL
NUMBER OF UNITS:	1 WAREHOUSE
NUMBER OF S.H.C.'s:	1
NUMBER OF W.H.C.'s:	15 (+1 FIRE)
DRAINAGE AREA:	LITTLE PATUXENT
TREATMENT PLANT:	LITTLE PATUXENT WATER RECLAMATION PLANT - SAVAGE, MARYLAND

QUANTITIES				
ITEMS	QUANTITIES ESTIMATED	AS-BUILT		
		QUANTITIES	TYPE	MANUFACTURER
6" WATER LINE	632 LF	632 LF	D.I.P.	GRIFFIN
6" SPRINKLER FEED	30 LF	30 LF	D.I.P.	GRIFFIN
1" WHC (16661)	90 LF			
6" SHC	65 LF			
FIRE HYDRANT	1 Ea.	1EA	G.I.V.	KENNEDY
6" WATER (F.H.)	5 LF	5 LF	D.I.P.	GRIFFIN
6" VALVE	1 Ea.	1EA	G.I.V.	KENNEDY
3/4" WATER METER VAULT	15 Ea.			
8" FIRE CONNECTION	1 Ea.			
S.M.H.	1 Ea.	1EA	PRECAST	CONTR. PRECAST

NAME OF CONTRACTOR: NAZARIO CONSTRUCTION, INC.

SURVEY AND DRAFTING DIV. CHECKBOX: _____ AS-BUILT DATE: _____

HOWARD COUNTY GEODETIC CONTROL: 471B

NGS PID NUMBER: N/A Station is a 3/4" Iron Rod with a 4" Stamped aluminum cap.

Coordinates based on: Maryland NAD83 horizontal and NAVD83 vertical datum. CLASS: Horizontal - 1st Vertical - 3rd

Angle in 684mm format

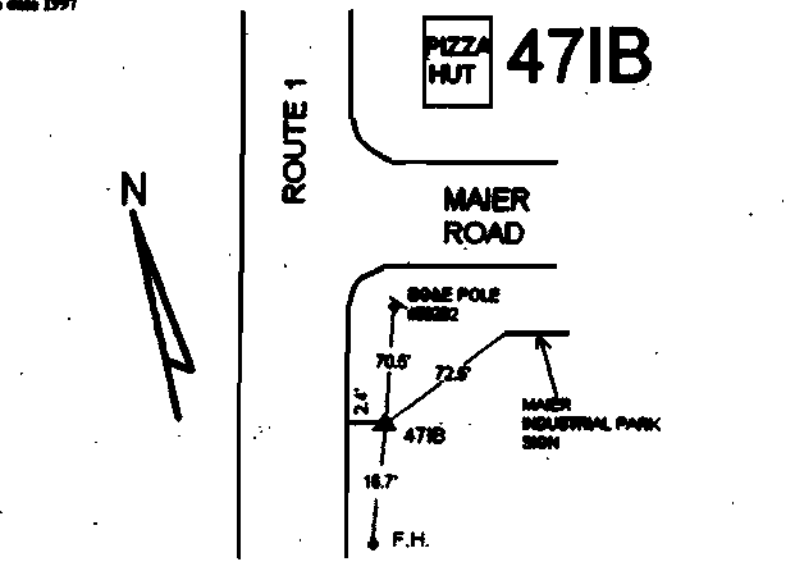
Northing: 14145.3643 m = 23971.379 ft. Scale Factor: 0.99999777 Lat: 39.071541749 N
 Easting: 414976.8122 m = 134488.726 ft. Convergence: 0.00013 Lat: 76.492469724 W
 Elevation: 55.6922 m = 182.709 ft.

Other Datum Information: NAD83 (N): 49892.4 ft (App) Ellipsoidal Ell.: 32.432 m
 NAD83 (E): 50451.1 ft (App) NAVD83 Elev.: 34.970 m

County: Howard Area: 801 Last Adjustment: 06/05/2000 Note: Unless otherwise noted all Howard County survey controls are standard excepted (shown or otherwise) shown as on top of concrete (P) flag cylinders. Verify the date is not 1" or 2" before traverse surface.

Admetech Station: 471C N/A N/A
 G.M. Admetech Station: 26.01609
 G.M. Station (49): 822.873
 Ground Station (49): 522.11

Sketch date 1997



HOWARD COUNTY GEODETIC CONTROL: 471C

NGS PID NUMBER: N/A Station is a 3/4" Iron Rod with a 4" Stamped aluminum cap.

Coordinates based on: Maryland NAD83 horizontal and NAVD83 vertical datum. CLASS: Horizontal - 1st Vertical - 3rd

Angle in 684mm format

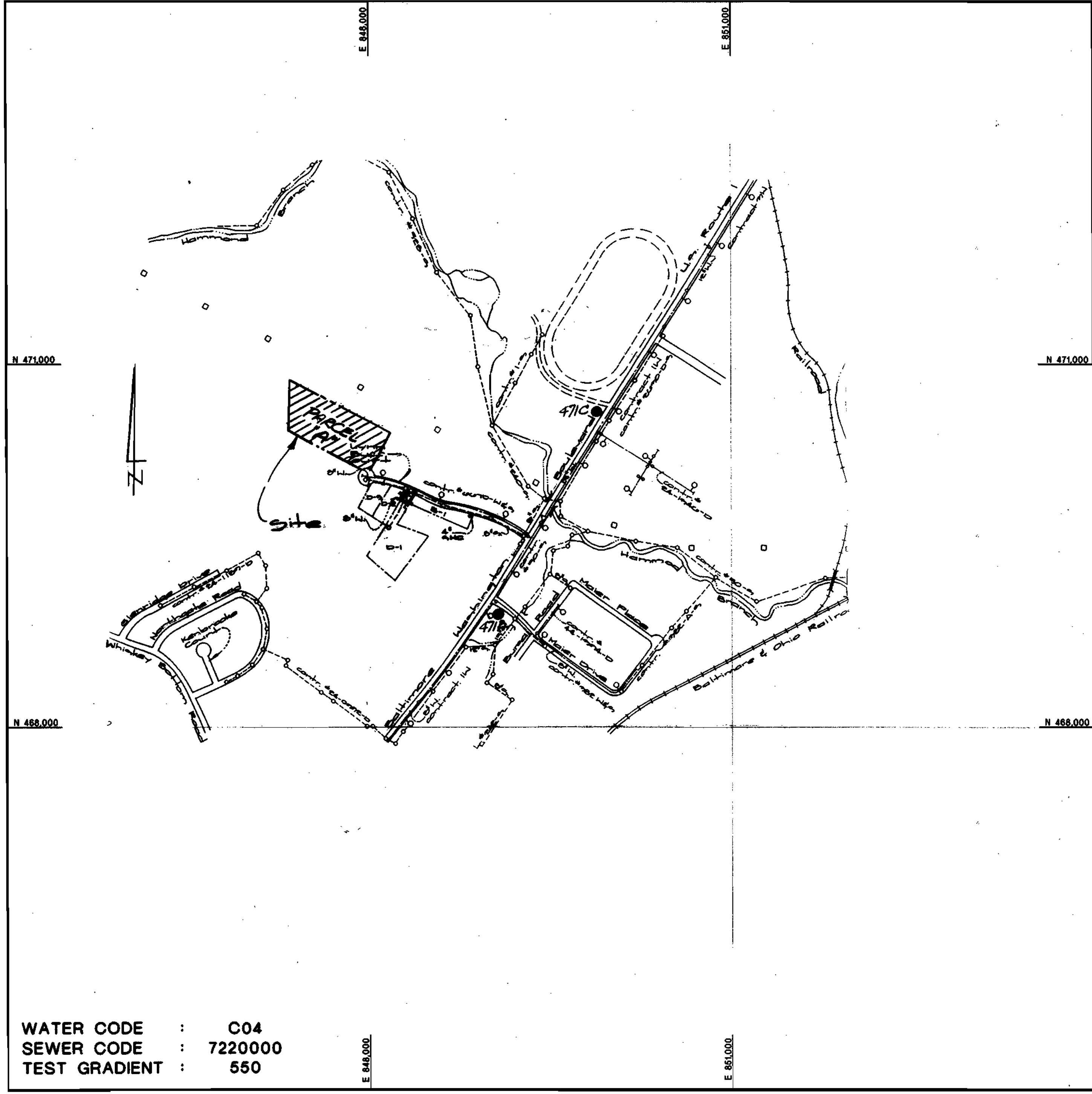
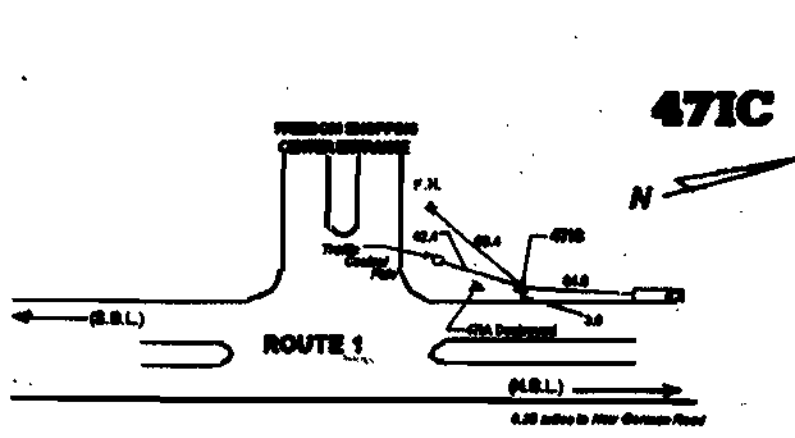
Northing: 14145.1679 m = 23971.379 ft. Scale Factor: 0.99999777 Lat: 39.071541749 N
 Easting: 414976.8122 m = 134488.726 ft. Convergence: 0.00013 Lat: 76.492469724 W
 Elevation: 55.6922 m = 182.709 ft.

Other Datum Information: NAD83 (N): 49892.4 ft (App) Ellipsoidal Ell.: 32.432 m
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 G.M. Admetech Station: 26.01609
 G.M. Station (49): 822.873
 Ground Station (49): 522.11

Sketch date 1997



WATER CODE : C04
 SEWER CODE : 7220000
 TEST GRADIENT : 550

VICINITY MAP
SCALE: 1"=600'

GENERAL NOTES

- PART I**
- Approximate location of existing mains are shown. The Contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply. Any damage incurred shall be repaired immediately to the satisfaction of the Engineer at the Contractor's expense.
 - All horizontal controls are based on Maryland State Coordinates (North American Datum 1983 (NAD '83)).
 - All vertical controls are based on U.S.G.S. data.
 - All pipe elevations shown are invert elevations.
 - Clear all utilities by a minimum of 6". Clear all poles by 2'-0" minimum or tunnel as required. The Owner has contacted the utility companies and has made arrangements for bracing of poles as shown on the drawings. In the event the Contractor's work requires the bracing of additional poles, any cost incurred by the Owner for bracing of additional poles or damages shall be deducted from money owed the Contractor. The Contractor shall coordinate with the utility companies to schedule the bracing of the poles.
 - For details not shown on the drawings, and for materials and construction methods use Howard County Design Manual, Volume IV, Standard Specifications and Detail for Construction (Latest Edition). The Contractor shall have a copy of Volume IV on the job.
 - Where test pits have been made on existing utilities, they are noted by the symbol at the location of the test pit. A note or notes containing the results of the test pit or pits is included on the drawings. Existing utilities in the vicinity of the proposed work for which test pits have not been dug shall be located by the Contractor two weeks in advance of construction operations at his own expense.
 - Contractor shall notify the following utility companies or agencies at least (5) working days before starting work shown on these plans.

State Highway Administration	531-5533
BGE Contractor Services	850-4830
BGE Under Ground Damage Control	787-9068
Miss Utility	1-800-257-7777
Colonial Pipeline Co.	795-1390
Howard County Department of Public Works	
Bureau of Utilities	313-4900
 - Trees and shrubs are to be protected from damage to maximum extent. Trees and shrubs located within the construction strip are not to be removed or damaged by the Contractor.
 - Contractor shall remove trees, stumps and roots along line of excavation. Payment for such removal shall be included in the unit price bid for construction of the main.
 - The Contractor shall notify the Bureau of Highways, Howard County, at (410) 313-2450 at least five (5) working days before any open cut of any County road or boring/jacking operation on County roads for laying water/sewer mains or house connections. The approval of these drawings will constitute compliance with DPW requirement per Section 16.114 (a) of the Howard County Code.

PART II - WATER

- All water mains to be D.I.P. Class 52 unless otherwise noted.
- Tops of all water mains to have a minimum of 3'-1/2" cover unless otherwise noted.
- Valves adjacent to tees shall be strapped to tees.
- All fittings shall be buttressed or anchored with concrete in accordance with the Standard Details unless otherwise provided for on the drawings.
- Fire hydrants shall be set to the bury line elevations shown on the drawings. All fire hydrants shall be restrained and buttressed with concrete in accordance with the Standard Details. Soil around the fire hydrant shall be compacted in accordance with Section 1000 and 1005 of the Standard Specifications.
- The Contractor shall not operate any water main valves on the existing water system.
- All water house connections shall be for inside meter setting unless otherwise noted on plans or in specifications.
- For sprinkler system for all townhomes or multi-family dwelling units should have a minimum of 1" connection with a 3/4" meter.

PART III - SEWER

- All sewer mains shall be D.I.P. and P.V.C. unless otherwise noted.
- All manholes shall be 4'-0" inside diameter unless otherwise noted.
- Force mains shall be D.I.P. only.
- Manholes shown with 12" and 16" walls are for brick manholes only.
- Manholes designated W.T. in plan and profile shall have watertight frame and covers, Standard Detail G5.52. Where watertight frame and cover is used, set top of frame 1'-6" above finished grade unless otherwise noted on drawings.
- House(s) with the symbol "C.N.S." indicates that cellar cannot be served.

OWNER / DEVELOPER

Joseph Nazario
 Nazario Development and Company
 6500 Ammendale Road
 Beltsville, Maryland 20705
 (301) 937-4664

SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 210 OF THE SPECIFICATIONS AND WITH SITE DEVELOPMENT PLAN, SDP-98-135 DRAWINGS SC-1 & SC-2 FOR SEDIMENT AND EROSION CONTROL.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT.

Carol Simon 7/22/98
 U.S. SOIL CONSERVATION SERVICE DATE

U.S.D.A. NATURAL RESOURCES CONSERVATION SERVICE

THESE PLANS SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

APPROVED: *[Signature]* 7/22/98
 HOWARD SOIL CONSERVATION DISTRICT DATE

SDP-98-135

FOR LOCATION OF GEODETIC CONTROL POINTS, SEE VICINITY MAP

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
[Signature] 7-21-98
 CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING & ZONING
 HOWARD COUNTY, MARYLAND
[Signature] 7/21/98
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

IPDS
 The Interprofessional PLANNING & DESIGN STUDIO, LLC
 Engineers • Architects • Surveyors
 Planners & Landscape Architects
 802 Sligo Avenue
 Silver Spring, Maryland, 20910
 (301) 585-5676



No.	REVISION	DATE
2	AS BUILT CONDITIONS ADDED TO PLAN	11/16/00
1	PER HOWARD COUNTY COMMENTS	7/1/98

WATER AND SEWER CONSTRUCTION COVER SHEET
 600' SCALE MAP No. 47 BLOCK No. 22 & 23

U.S. No.1 JOINT VENTURE
 PARCEL "A", PLAT CMP No. 3592, WAREHOUSE
 GUILFORD ELECTION DISTRICT No. 6
 HOWARD COUNTY, MARYLAND
 WATER CODE C04, SEWER CODE 7220000
 CONTRACT No. 24-3707-D, SDP-98-135

AS NOTED
 SCALE:
 01-28-98
 DATE:
 SHEET
 1 OF 2

