

SITE PLAN OF T.P. 0620000000020

# ETHERIDGE GREENS

CENTERVILLE TURNPIKE & WHITTAMORE ROAD IMPROVEMENTS

BUTTS ROAD BOROUGH  
CHESAPEAKE, VIRGINIA

APPROVED AS MARKED HEREON

**APPROVED FOR CONSTRUCTION**  
CHESAPEAKE PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

YES	NO	N/A	
			EROSION AND SEDIMENT CONTROL
			ENTRANCE IMPROVEMENTS
			STORMWATER QUALITY (BMP)
			STREET IMPROVEMENTS
			DRAINAGE IMPROVEMENTS
			PUBLIC UTILITIES IMPROVEMENTS
			SOIL DRAINAGE MANAGEMENT PLAN (SDMP)
			LANDSCAPE PLAN

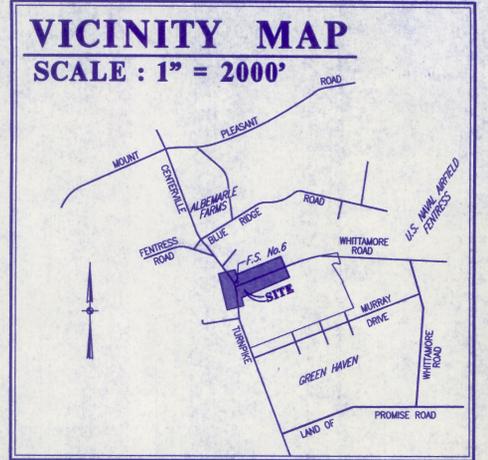
1/28/02

**48 HOURS NOTICE**  
MUST BE GIVEN TO THE CONSTRUCTION ENGINEER  
PHONE 382-6101 BEFORE BEGINNING CONSTRUCTION  
ON ANY FACILITY WHICH IS OR WILL BE ACCEPTED  
BY THE CITY FOR MAINTENANCE.

ALL CONSTRUCTION DESIGNS, METHODS, AND  
MATERIALS MUST BE IN ACCORDANCE WITH  
THE STANDARDS AND SPECIFICATIONS OF THE  
CHESAPEAKE DEPT. OF PUBLIC WORKS AND  
SUBJECT TO ITS INSPECTION AND CONTROL.

THE CONTRACTOR SHALL PROVIDE WRITTEN  
NOTIFICATION TO ALL OWNERS AND RESIDENTS OF  
PROPERTY ADJACENT TO THIS PROJECT, 30 DAYS  
PRIOR TO COMMENCING CONSTRUCTION.

**CERTIFIED**



ETHERIDGE GREENS  
DECEMBER, 2001

THE CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO ALL OWNERS AND RESIDENTS OF PROPERTY ADJACENT TO THIS DEVELOPMENT AND OFFSITE IMPROVEMENTS 30 DAYS PRIOR TO THE COMMENCEMENT OF WORK UNLESS OTHERWISE DIRECTED BY THE CITY. CONSTRUCTION WITHIN EASEMENTS OR ON PUBLIC RIGHT-OF-WAY NECESSITATES NOTICE WHETHER ADJACENT TO OR LOCATED ON THE ADJOINING PROPERTY. FAILURE TO PROVIDE THE MINIMUM NOTIFICATION TIME WILL RESULT IN A SUSPENSION OF WORK.

NOTE: THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE CHESAPEAKE CITY CODE AND ALL VOLUMES OF THE CHESAPEAKE "PUBLIC FACILITIES MANUAL".

SIGNED: Wy. W. Manning, III P.E.

**CONSTRUCTION PLAN ASSIGNMENT**

RE: ETHERIDGE GREENS - CENTERVILLE TURNPIKE & WHITTAMORE ROAD IMPROVEMENTS

THE UNDERSIGNED ENGINEER/FIRM AGREES THAT THE CITY OF CHESAPEAKE SHALL HAVE THE RIGHT TO USE THESE PLANS TO COMPLETE THE PERMANENT PHYSICAL IMPROVEMENTS IN THE EVENT THAT THE DEVELOPER DEFAULTS IN HIS OBLIGATIONS TO COMPLETE THESE FACILITIES AS REQUIRED BY CITY CODE. THE UNDERSIGNED ENGINEER ALSO AGREES THAT THE CITY MAY USE THESE PLANS FOR THE PREPARATION OF "AS-BUILT" RECORDS AS NECESSARY. THE ENGINEER/FIRM FURTHER AGREES THAT THESE RIGHTS TO USE THE PLANS SHALL BE PROVIDED WITHOUT COST TO THE CITY.

NAME: WYMER W. MANNING, III, P.E. TITLE: PROJECT MANAGER

FIRM: HASSELL & FOLKES, P.C.

SIGNATURE: Wy. W. Manning, III DATE: 12/24/01

**NOTIFY**  
Miss Utilities At  
1-800-552-7001  
For Location of Existing  
Utilities

NOTE: DEVELOPER WILL BE RESPONSIBLE FOR REPLACING EXISTING SIGNS, MARKINGS, AND ROADWAY LIGHTING WHICH IS REMOVED DURING CONSTRUCTION.

NOTE: THIS DEVELOPMENT IS LOCATED PARTIALLY OF WHOLLY WITHIN AN AIRCRAFT NOISE AND/OR ACCIDENT ZONE AND MAY BE SUBJECT TO ABOVE AVERAGE NOISE LEVELS (INCLUDING NOISE LEVELS EXPERIENCED IN UNITED STATES NAVY AICUZ NOISE ZONE GREATER THAN 75 DB. LDN, NOISE ZONE 3) OR TO AIRCRAFT ACCIDENTS.

**BENCHMARK DATA**

BASED ON CITY OF CHESAPEAKE T.B.M.  
GPS # 051. ELEVATION 15.35

LOCATED ON WHITTAMORE ROAD  
IN FRONT OF FIRE STATION

VERTICAL CONTROL IS ON THE  
STATE 1959 ELEVATION ADJUSTMENT  
OF THE NGVD 1929 DATUM RELATIVE  
TO THE SOURCE BENCHMARK

**SITE DATA**

USE PERMIT No. : UP-01-03

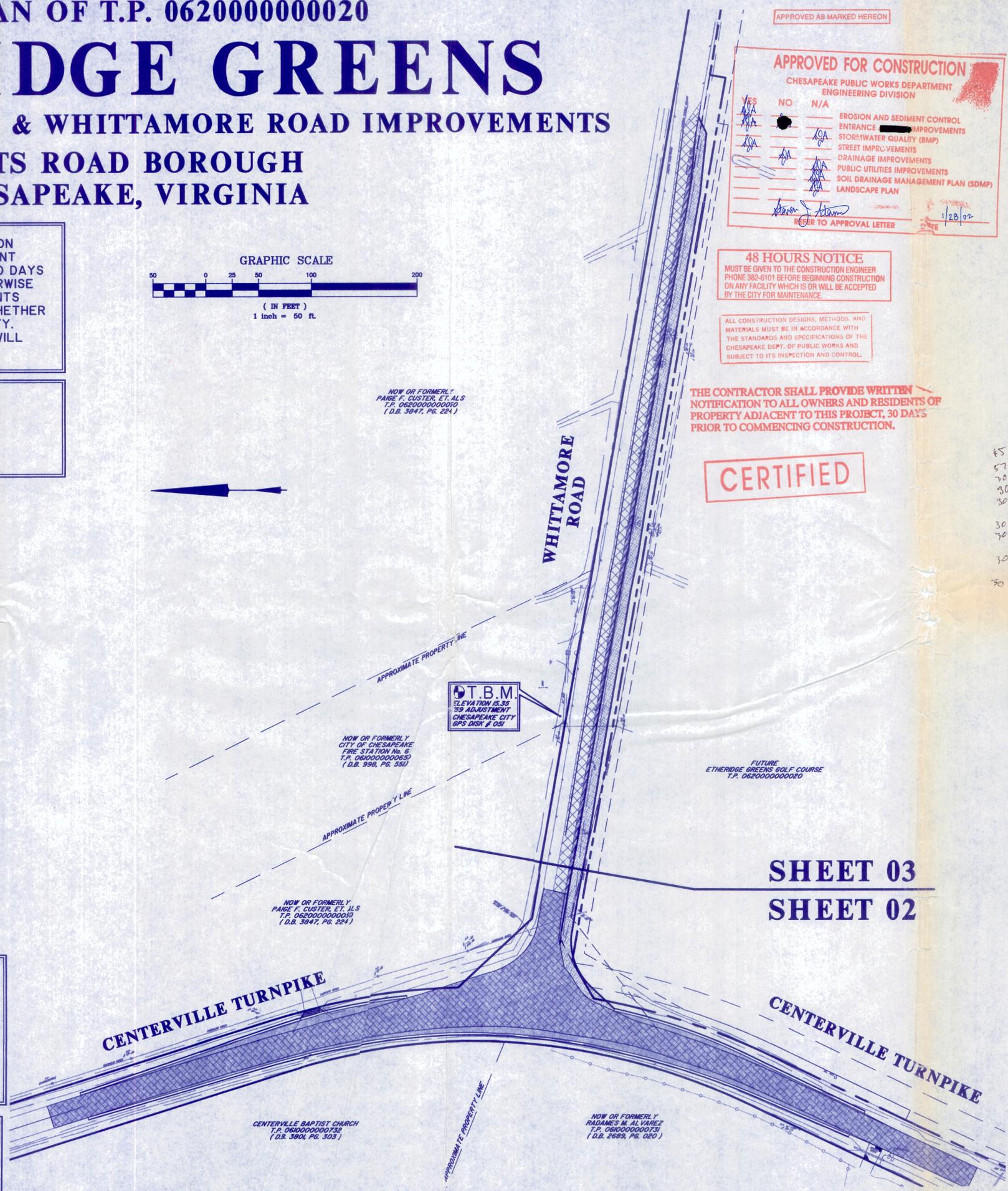
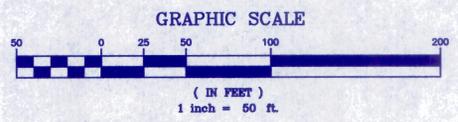
ZONING: A-1

DISTURBED ACRES: 1.41 ACRES

PARKING REQUIRED: N/A  
9'x18' PARKING PROVIDED: N/A  
PLUS HANDICAP PARKING : N/A

**STORMWATER UTILITY DATA**

BUILDING FOOT PRINT: 0 SQ. FT.  
PAVEMENT AREA: 0 SQ. FT.  
OTHER IMPERVIOUS AREA: 0 SQ. FT.  
TOTAL IMPERVIOUS AREA: 0 SQ. FT.



57  
50  
30  
30  
30  
30

**ENGINEER'S ESTIMATE OF REQUIRED PUBLIC IMPROVEMENTS**

ITEM DESCRIPTION	NUMBER OF UNITS	UNIT PRICE	TOTAL
<b>LAND DISTURBING</b>			
DISTURBED ACREAGE	1.41 AC.	\$1,000.00 1st ACRE \$500.00 EA. ADDITIONAL	\$1,205.00
SILT FENCE	80 L.F.	\$5.00	\$400.00
INLET PROTECTION	1 EA.	\$100.00	\$100.00
CONSTRUCTION ENTRANCE	1 EA.	\$3,000.00	\$3,000.00
EC-2 RIP RAP	4 EA.	\$500.00	\$2,000.00
		<b>SUBTOTAL</b>	<b>\$6,705.00</b>
<b>ENTRANCE / RIGHT-OF-WAY</b>			
15" RCP	28 L.F.	\$20.00	\$560.00
18" RCP	308 L.F.	\$24.00	\$7,392.00
SM-2A ASPHALT	71 TONS	\$36.00	\$2,556.00
BM-2 ASPHALT	148 TONS	\$36.00	\$5,328.00
AGGREGATE	39 TONS	\$19.80	\$772.20
MLL EXISTING PAVEMENT	1,523 S.Y.	\$3.50	\$5,330.50
SM-2A OVERLAY	126 TONS	\$36.00	\$4,536.00
CG-6	1,362 L.F.	\$12.00	\$16,344.00
GRADEWORK	1 ACRE	\$750.00	\$750.00
FILL EXIST. DITCH	1,310 L.F.	\$10.00	\$13,100.00
SELECT FILL	230 C.Y.	\$10.00	\$2,300.00
SWALE	1070 L.F.	\$4.00	\$4,280.00
SINGLE DROP INLET	1 EA.	\$1,100.00	\$1,100.00
		<b>SUBTOTAL</b>	<b>\$64,348.70</b>
		<b>SUBTOTAL</b>	<b>\$71,053.70</b>
		CONTINGENCY (15% OF TOTAL)	\$10,658.06
		<b>TOTAL</b>	<b>\$81,711.76</b>

THE ABOVE ESTIMATE REPRESENTS ALL PUBLIC IMPROVEMENTS CONTAINED IN PUBLIC RIGHTS-OF-WAY OR PUBLIC EASEMENTS INCLUDING RESTORATION. UNIT PRICES BASED ON CITY SITE PLAN BOND UNIT PRICE LIST DATED 07-01-95. FIGURE REPRESENTS THE MINIMUM SURETY REQUIRED FOR THE ISSUANCE OF DEPARTMENT OF PUBLIC WORKS PERMITS. BOND FIGURE VALID FOR CONSTRUCTION TO BE COMPLETED IN 12 MONTHS OF PLAN APPROVAL.

- CITY PERMITS REQUIRED FOR SITE DEVELOPMENT**
- LAND DISTURBING
  - ENTRANCE / RIGHT-OF-WAY
  - CHESAPEAKE BAY PRESERVATION / STORMWATER
  - EXCAVATION PERMITS

**SHEET INDEX**

COVER SHEET	1
DEVELOPMENT PLANS	2 - 3
DETAILS AND NOTES	4
TRAFFIC CONTROL DETAILS	5
CENTERVILLE TURNPIKE ROADWAY SECTIONS	6 - 9

**OWNER**  
COMBUSTION PRODUCTS  
MANAGEMENT, INC.  
1229 KINGSBURY DRIVE  
CHESAPEAKE, VIRGINIA 23322  
PHONE/FAX ( 757 ) 546-2462

**HASSELL & FOLKES, P.C.**  
ENGINEERS-SURVEYORS-PLANNERS  
325 VOLVO PARKWAY  
CHESAPEAKE, VIRGINIA 23320  
PHONE: (757) 547-9531 FAX: (757) 547-9481

Professional Engineer Seal for Wymer W. Manning, III, No. 019230, dated 12/27/01.