Aeronautical Study No 2011-AEA-4451-OE

Issued Date: 11/23/2011

Steve McBride Prince George County Prince George, VA 23875

** DETERMINATION OF NO HAZARD TO AIR NAVIGATION **

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Water Tank Chappell Creek Elevated Water Tank Prince George County, VA 37-17-18.90N NAD 83

> 85 feet site elevation (SE) 175 feet above ground level (AGL) 260 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is (are) met:

It is required that FAA Form 7460-2. Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

At least 10 days prior to start of construction (7460-2, Part I) __ Within 5 days after the construction reaches its greatest height (7460-2, Part II)

ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/ lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

This determination expires on 05/23/2013 unless:

the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date

prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE, AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

If we can be of further assistance, please contact our office at (816) 329-2528. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2011-AEA-4451-OE.

Signature Control No: 153421040-154126012

2601 Meacham Boulevard

Aeronautical Study No. 2011-AEA-4451-OE Prior Study No. 2010-AEA-1969-OE

Fort Worth, TX 76137 Issued Date: 07/01/2013

Steve McBride Prince George County Prince George County P.O. Box 68 Prince George, VA 23875

** Extension **

A Determination was issued by the Federal Aviation Administration (FAA) concerning:

Water Tank Chappell Creek Elevated Water Tank Prince George County, VA 37-17-18.90N NAD 83 Latitude: Longitude 77-12-39.80W 85 feet site elevation (SE) 175 feet above ground level (AGL) 260 feet above mean sea level (AMSL)

In response to your request for an extension of the effective period of the determination, the FAA has reviewed the aeronautical study in light of current aeronautical operations in the area of the structure and finds that no significant aeronautical changes have occurred which would alter the determination issued for this structure.

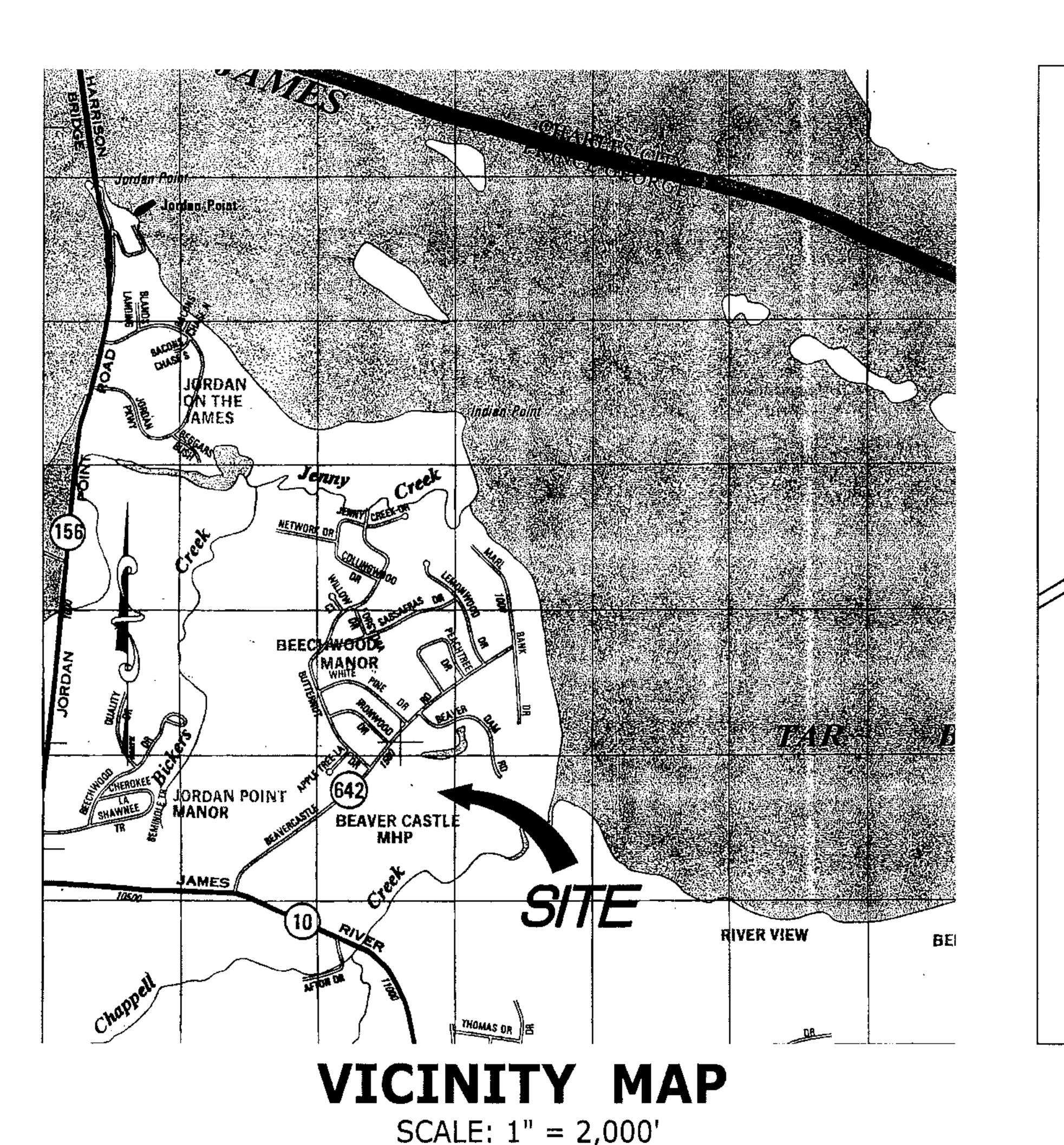
Accordingly, pursuant to the authority delegated to me, the effective period of the determination issued under the above cited aeronautical study number is hereby extended and will expire on 01/01/2015 unless otherwise extended, revised, or terminated by this office.

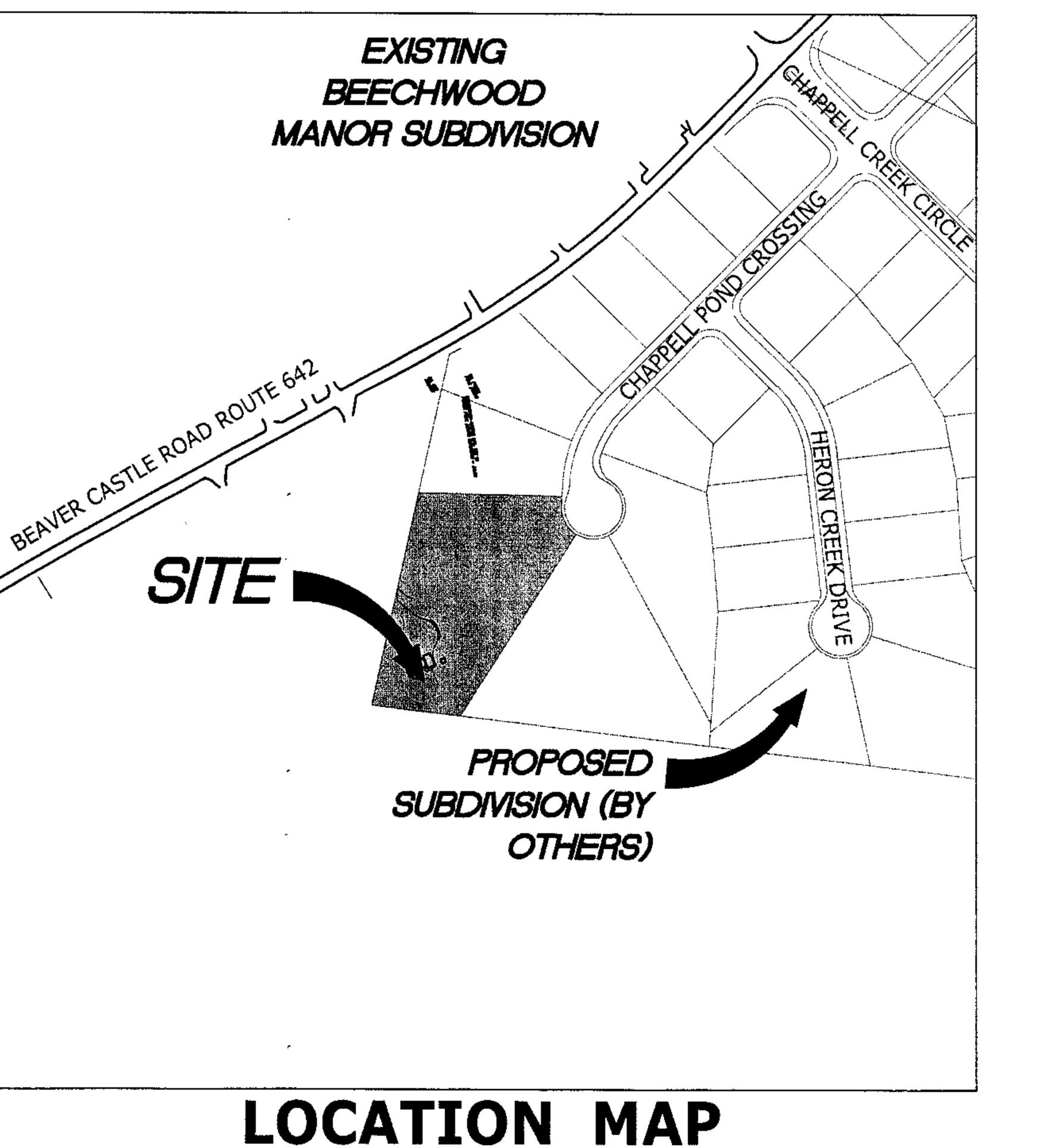
This extension issued in accordance with 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerns the effect of the structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at (817) 321-7755. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2011-AEA-4451-OE.

CHAPPELL CREEK AND WATER SUPPLY SYSTEM

> BLAND DISTRICT PRINCE GEORGE COUNTY, VA





SCALE: 1'' = 250'

REVISED DECEMBER 2013

COUNTY APPROVALS

APPROXIMATE SITE PIPING MATERIAL

8" 45° BEND

8" GATE VALVE

4" GATE VALVE

4" BLOW OFF

8" X 4" REDUCER

1" AIR REPLACE VALVE

FIRE HYDRANT ASSEMBLY

NOTE: QUANTITIES SHOWN ARE

OWN TAKE-OFF QUANTITIES

GENERAL NOTES

CHAPPELL CREEK, LLC.

PHONE: (757) 490-1959

FAX: (757) 552-0975

TIMMONS GROUP

ATTN: WES HUNNIUS

RICHMOND, VA 23225

PHONE: (804) 200-6385

FAX: (804) 560-1431

VIRGINIA BEACH, VA 23462

1001 BOULDERS PARKWAY

ATTN: KEN MERNER

544 NEWTON ROAD

SUITE 128

SUITE 300

APPROXIMATE ONLY, CONTRACTORS

ARE RESPONSIBLE FOR MAKING THEIR

415 FT

DATE RECEIVED

DEVELOPMENT PLAN APPROVAL PRINCE GEORGE COUNTY, VA

ENGINEER/UTILITIES: 12-27-17

* All discharge elbows shall be 450 bends instead of 900 bands

SHEET INDEX

STANDARD NOTES AND DETAILS SITE PLAN WATERLINE PROFILE ELEVATED STORAGE TANK PLAN, ELEVATION AND DETAILS ELEVATED STORAGE TANK DETAILS WELL HOUSE FLOOR PLAN AND SECTIONS WELL HOUSE DETAILS WELL PUMP SECTION AND CHEMICAL FEED NOTES ELECTRICAL DIAGRAMS AND NOTES ELECTRICAL DIAGRAMS AND NOTES

REVISIONS		
SHEET NUMBERS	DATE	SHEET NUMBERS
ALL SHEETS		
ALL SHEETS		
ALL SHEETS		
		· · · · · · · · · · · · · · · · · · ·
	SHEET NUMBERS ALL SHEETS ALL SHEETS	SHEET NUMBERS DATE ALL SHEETS ALL SHEETS