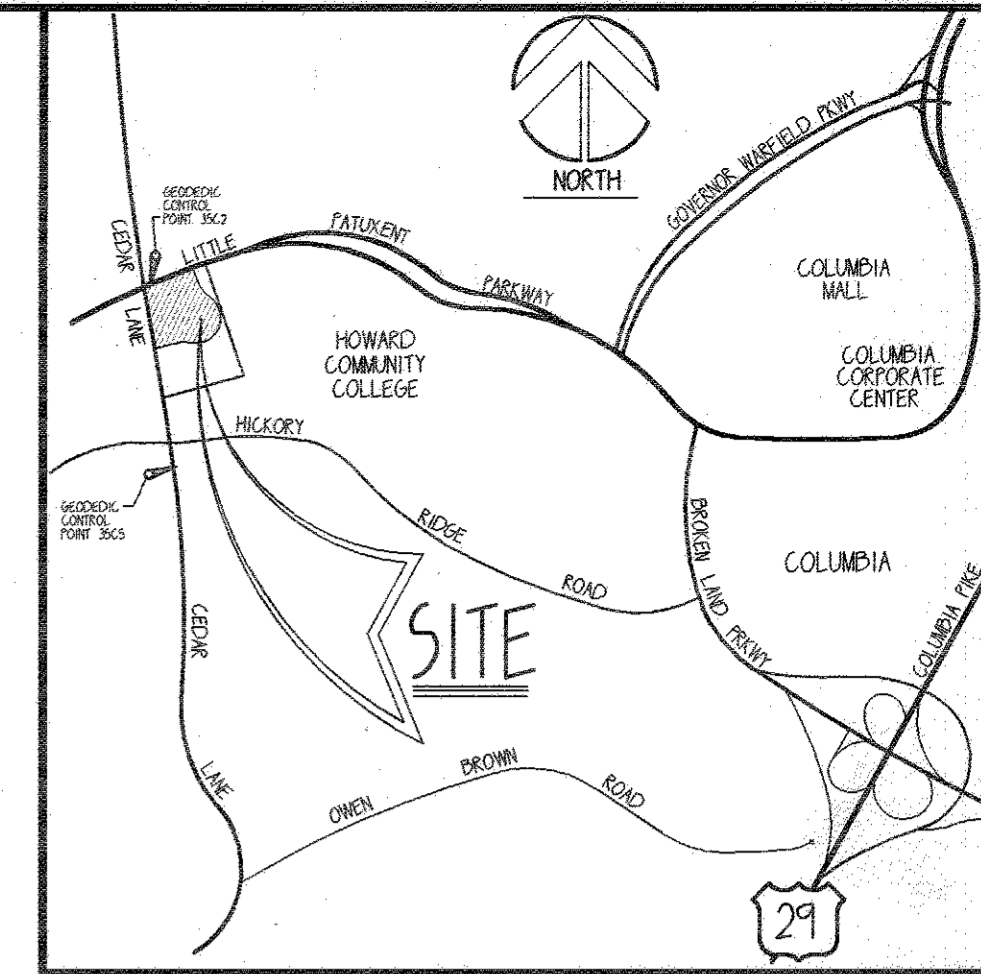


HOWARD COUNTY GENERAL HOSPITAL PUBLIC WATER PLANS HOWARD COUNTY, MARYLAND CONTRACT NO. 44-3894-D (SDP-00-72)



VICINITY MAP
PLAN SCALE: 1"=2000'

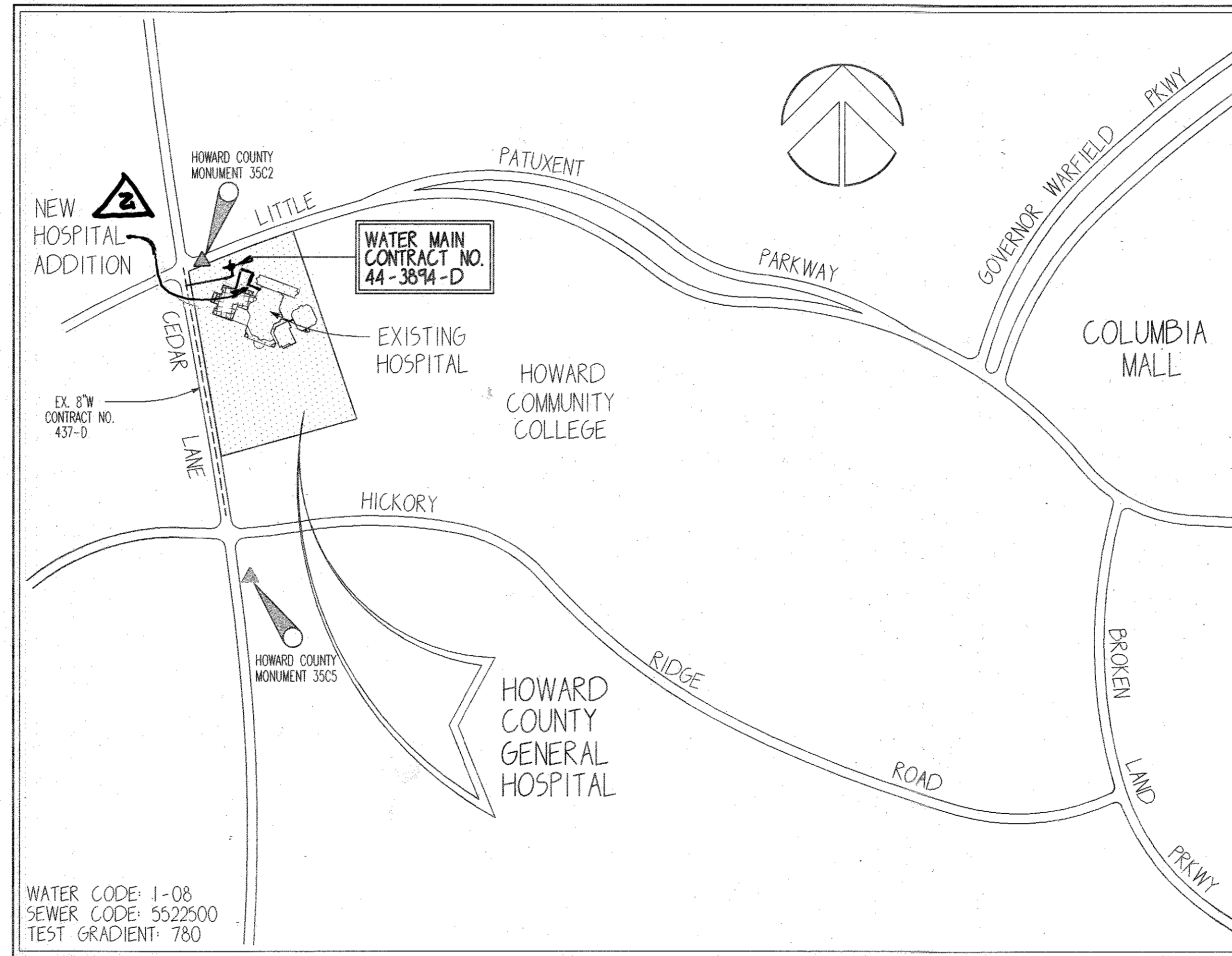
GENERAL NOTES

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.
- ALL VERTICAL CONTROLS ARE BASED ON USGS DATA.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- CLEAR ALL UTILITIES BY A MINIMUM OF 6'. CLEAR ALL POLES BY 3'-0" MINIMUM OR TUNNEL AS REQUIRED. THE OWNER HAS CONTRACTED THE UTILITY COMPANIES AND HAS MADE ARRANGEMENTS FOR BRACING OF POLES AS SHOWN ON 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 DETAILS 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.
- THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN THESE PLANS:
 - C. & P. TELEPHONE 597-6585
 - A.T. & T. 865-3803
 - STATE HIGHWAY ADMINISTRATION 531-5533
 - B.G.H.E. CO. CONTRACTOR SERVICES 850-4620
 - B.G.H.E. CO. UNDER GROUND DAMAGE CONTROL 787-9068
 - MISS UTILITY 800-257-7777
 - COLONIAL PIPELINE CO. 716-1990
 - HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS 33-4190
 - BUREAU OF UTILITIES
- TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO THE MAXIMUM EXTENT. TREES AND SHRUBS LOCATED WITHIN THE CONSTRUCTION STRIP ARE NOT TO BE REMOVED OR DAMAGED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG LINE OF EXCAVATION. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE CONSTRUCTION OF THE MAIN.
- THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT 4101 303-2450 AT LEAST FIVE WORKING DAYS BEFORE ANY OPEN CUT OF ANY COUNTY ROAD OR BORING/JACKING OPERATION IN COUNTY ROADS FOR LAYING WATER/SEWER MAIN OR HOUSE CONNECTIONS. THE APPROVAL OF THESE DRAWINGS WILL CONSTITUTE COMPLIANCE WITH DPW REQUIREMENTS PER SECTION 81.01(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 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 STANDARD DETAILS. SOIL AROUND 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.



LOCATION MAP
PLAN SCALE: 1"=600'

ITEMS	QUANTITIES ESTIMATED	QUANTITIES	TYPE	MANUFACTURER / SUPPLIER
8" WATER	316	319		ATLANTIC STATES / U.S. FILTER
6" WATER	10'	10'		" " " "
8" VS HORIZONTAL BEND	1	1 EA		" " " "
8"x6" TSV	1	1 EA		" " " "
8"x6" TEE	1	1 EA		" " " "
6"x6" TEE	1	1 EA		" " " "
8" CAP & BURESS	1	1 EA		" " " "
8" VALVE	1	1 EA		MUELLER " " "
6" VALVE	1	1 EA		MUELLER " " "
FIRE HYDRANT	1	1 EA		MUELLER " " "
		1 EA		MUELLER " " "
AS-BUILT INFORMATION				
QUANTITIES				
NAME OF UTILITY CONTRACTOR: <u>MANE LINE CONST. / ATLANTIC CONST.</u>				
SURVEY AND DRAFTING DIVISION AS-BUILT DATE				

TYPE OF BUILDING	HOSPITAL
NO. OF LOTS/PARCELS	1
NO. OF WATER HOUSE CONNECTIONS	1
NO. OF SEWER HOUSE CONNECTIONS	N/A
DRAINAGE AREA	N/A
TREATMENT PLANT	N/A

BENCH MARKS:

35C2	- HOWARD COUNTY MONUMENT N. 563920.830 E. 1344204.150
35C5	- HOWARD COUNTY MONUMENT N. 562148.450 E. 1344554.473

SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH THE SEDIMENT AND EROSION CONTROL PLAN, SDP-00-72.

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT	REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
<i>[Signature]</i> 8/18/00 DATE	<i>[Signature]</i> 9/18/00 DATE

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>[Signature]</i> 9-7-00 DATE	DEPARTMENT OF PLANNING & ZONING HOWARD COUNTY, MARYLAND <i>[Signature]</i> 9/10/00 DATE
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JOYCE ENGINEERING CORPORATION
PROFESSIONAL ENGINEERS, PROFESSIONAL SURVEYORS
LAND PLANNING & CONSTRUCTION MANAGEMENT
10766 BALTIMORE AVENUE - TWIN CHIMNEY'S OFFICE PARK
BELTSVILLE, MARYLAND 20705
TEL: (301) 595-4353 FAX: (301) 595-4650
1999 JOYCE ENGINEERING CORPORATION

DES: TAM
DRN: TAM
CHK: WAJ
DATE: FEB. 2000

REVISED PLAN TO RELOCATE FIRE HYDRANT AND WATER HOUSE CONNECTION (AND) INTO PROPOSED HOSPITAL ADDITION
AS-BUILT DATA ADDED TO PLAN
11-22-00
7/1/02

WILLIAM P. JOYCE, P.E. #12243

TITLE SHEET

600' SCALE MAP NO. _____ BLOCK NO. _____

HOWARD COUNTY GENERAL HOSPITAL
TOWN CENTER SUBDIVISION, LOT 2 - PARCEL 276
CONTRACT: 44-3894-D
TAX MAP: 35 5TH ELECTION DISTRICT
PARCEL: 276
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
SHEET 1 OF 2

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

OWNER / DEVELOPER / APPLICANT
HOWARD COUNTY GENERAL HOSPITAL, INC.
8755 CEDAR LANE
COLUMBIA, MARYLAND 21044
ATTN: RYAN BROWN, V.P. OF OPERATIONS
410-740-7720

[Signature]
WILLIAM A. JOYCE, P.E.
#12243 EXP: 12.17.18

