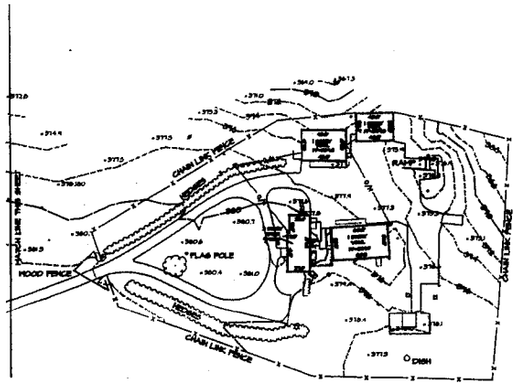


NOTES

1. THE PROPERTY LINES, AS SHOWN HEREON, ARE SHOWN APPROXIMATE BASED UPON A DEED RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 170 FOLIO 148.
2. UTILITY INFORMATION, AS SHOWN HEREON, HAS TAKEN FROM RECORDS WHICH WERE MADE AVAILABLE TO SURVEYOR AND/OR VISIBLE ABOVE GROUND STRUCTURES THAT WERE FIELD LOCATED.
3. THIS SURVEY WAS PREPARED USING HOWARD COUNTY BENCH MARKS 42BC AND 42PA.

LEGEND

○	BOLLARD	—— o/h ——	UTILITY LINE
□	SANITARY CLEANOUT	——	WATER LINE
+	FIRE HYDRANT	—— x ——	FENCE
	LIGHT POLE		PARKING STRIPE
	GUY WIRE	——	PAVEMENT
	WATER VALVE		
	MAIL BOX		
	SANITARY SEWER MANHOLE		
	SIGN		
	WATER METER		
	POLE		
—— u/b ——	ELECTRIC		
——	SANITARY SEWER		
——	STORM DRAIN SEWER		

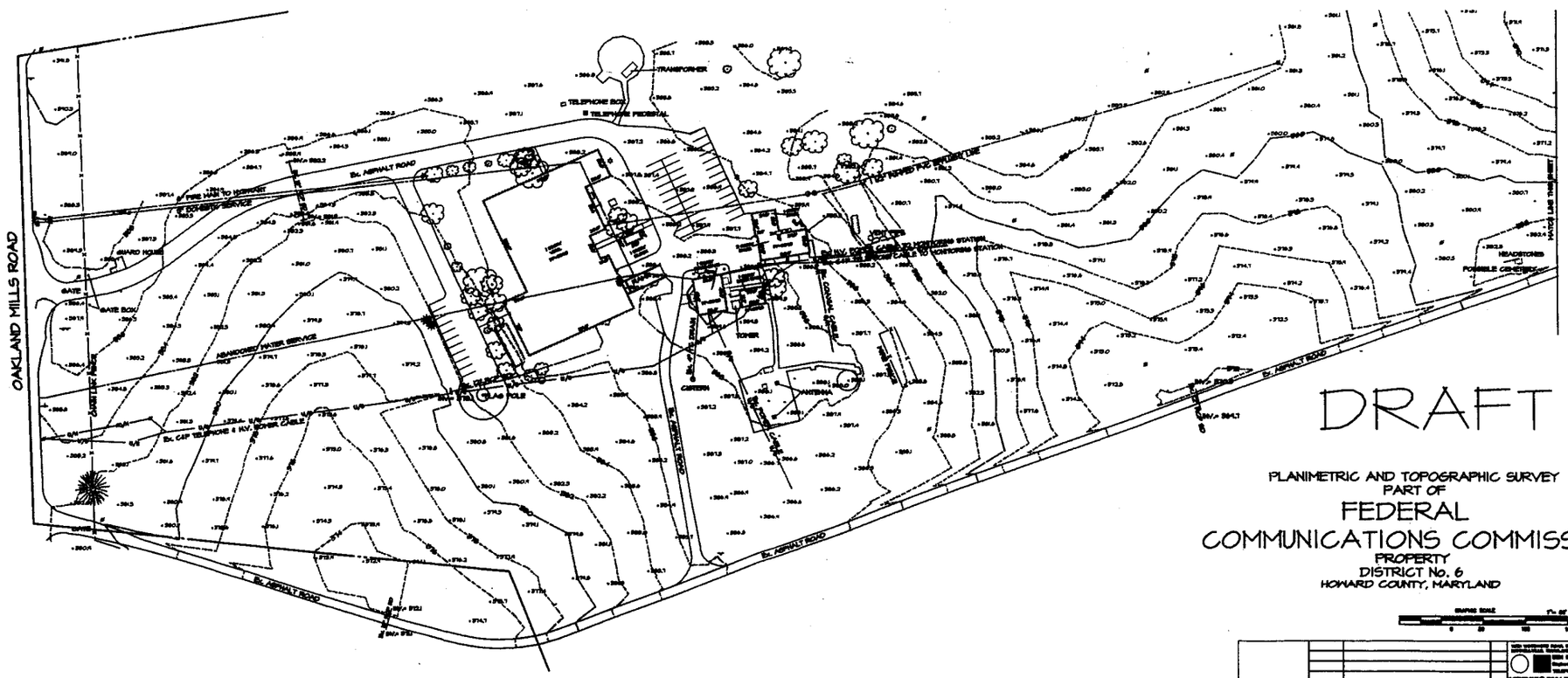
CALL MISS UTILITY
1-800-257-7777
48 hrs, Before Excavation

SITE

VICINITY MAP
SCALE: 1" = 2000'

SURVEYOR'S CERTIFICATE

ROBERT R. MacWILLIAMS
Property Line Surveyor
Maryland No. 500

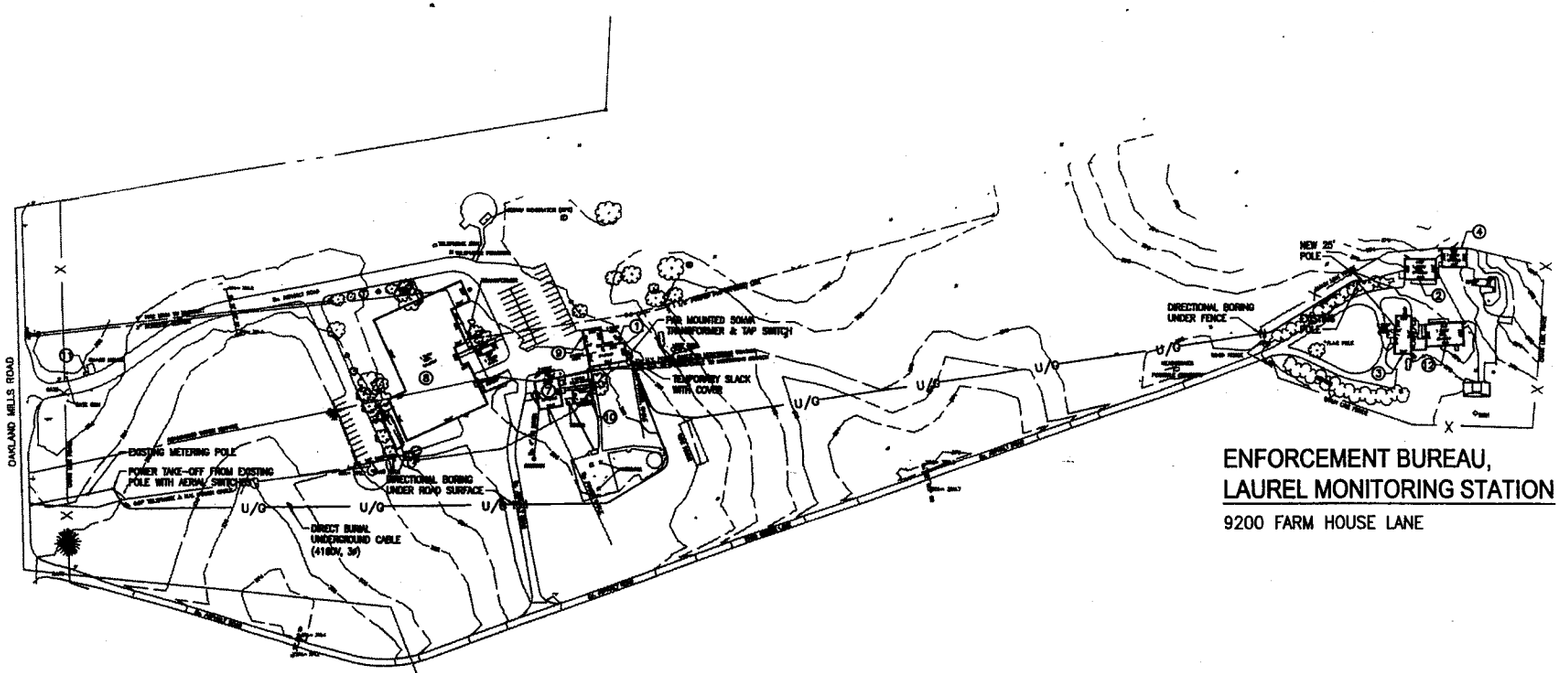


DRAFT

PLANIMETRIC AND TOPOGRAPHIC SURVEY
PART OF
FEDERAL COMMUNICATIONS COMMISSION
PROPERTY
DISTRICT No. 6
HOWARD COUNTY, MARYLAND

GRAPHIC SCALE 1" = 50'

DATE	DESCRIPTION	BY		
	REVISIONS		1" = 50'	J-04027
			JULY, 2004	02.001-2



OFFICE OF ENGINEERING & TECHNOLOGY

7435 OAKLAND MILLS ROAD

ENFORCEMENT BUREAU, LAUREL MONITORING STATION

9200 FARM HOUSE LANE

COLUMBIA FIELD OFFICE COMPLEX
FEDERAL COMMUNICATIONS COMMISSION

SCALE: 1" = 200'

NORTH

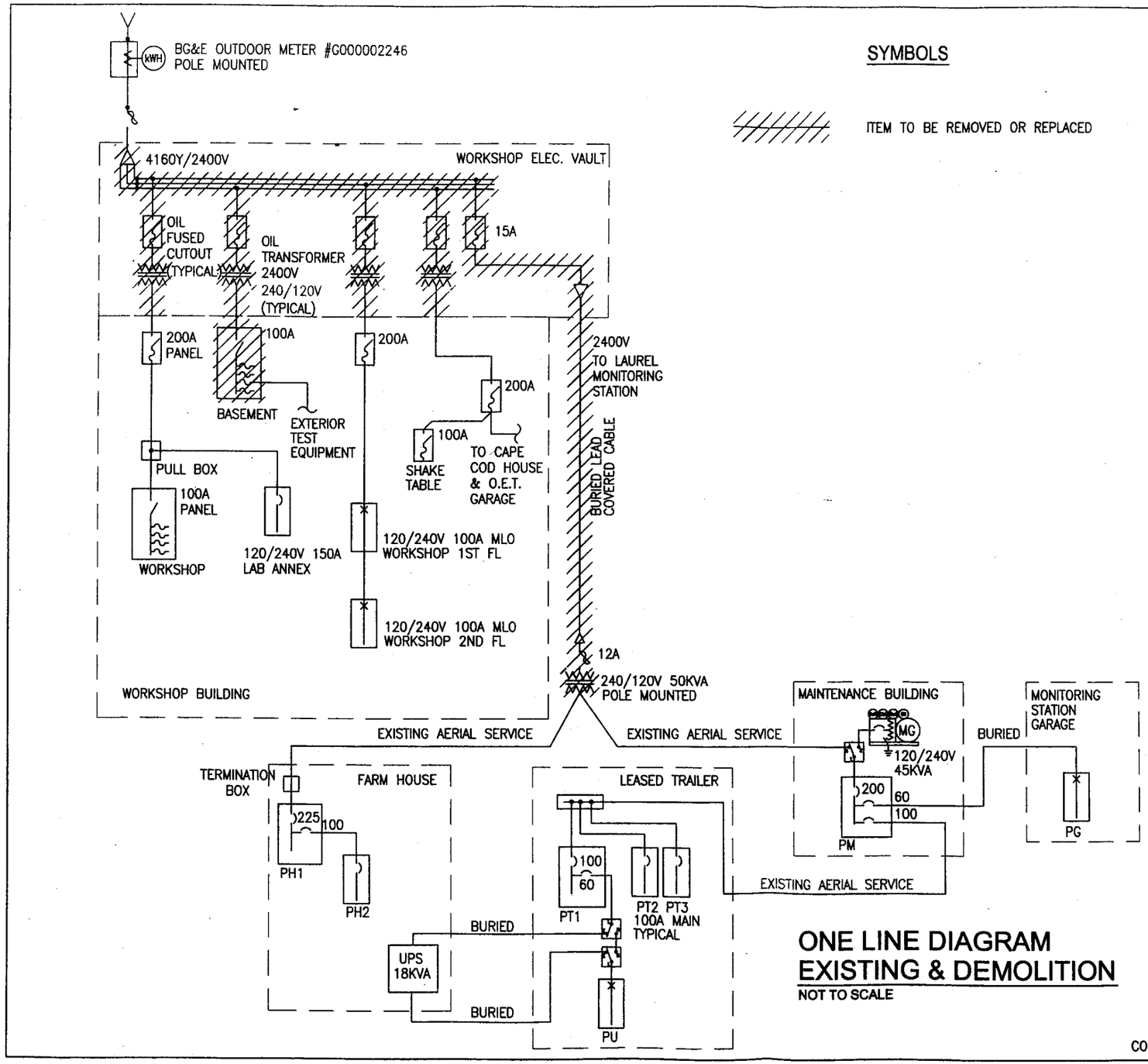
CONCEPT 7/29/2004

BUILDING INDEX

1. WORKSHOP BUILDING
2. MAINTENANCE BUILDING
3. FARMHOUSE
4. MONITORING STATION GARAGE
5. NOT USED
6. NOT USED
7. CAPE COD HOUSE
8. O.E.T. LABORATORY
9. WORKSHOP ANNEX
10. O.E.T. GARAGE
11. GUARD BOOTH
12. HFDF CENTER (LEASED TRIPLE-WIDE TRAILER)

JVP Engineers, P.C.
Consulting Engineers
Suite LL-15
4200 Wisconsin Avenue, N.W.
Washington, DC. 20016-2151
Tel: (202)362-3001
Fax: (202)362-5541

CLIENT	FEDERAL COMMUNICATIONS COMMISSION OFFICE OF ASSOCIATE MANAGING DIRECTOR 445 12TH STREET SW WASHINGTON, DC 20554	
BUILDING	NAME	LAUREL MONITORING STATION
	ADDRESS	9200 FARM HOUSE LN COLUMBIA, MD 21046-1671
	NUMBER	
	FLOORS	
	OTHER BLDGS	
PROJECT	DESCRIPTION	
	NUMBER	JVP# 01-23.05.0
	PROJ. MGR.	
DRAWING	DRAWN BY	DATE
	CHECKED BY	
	TITLE	ELECTRICAL SITE PLAN
	NUMBER	E (DISCIPLINE) SK (SHEET TYPE) 01 (SEQUENCE)
	SHEET	1 OF 3



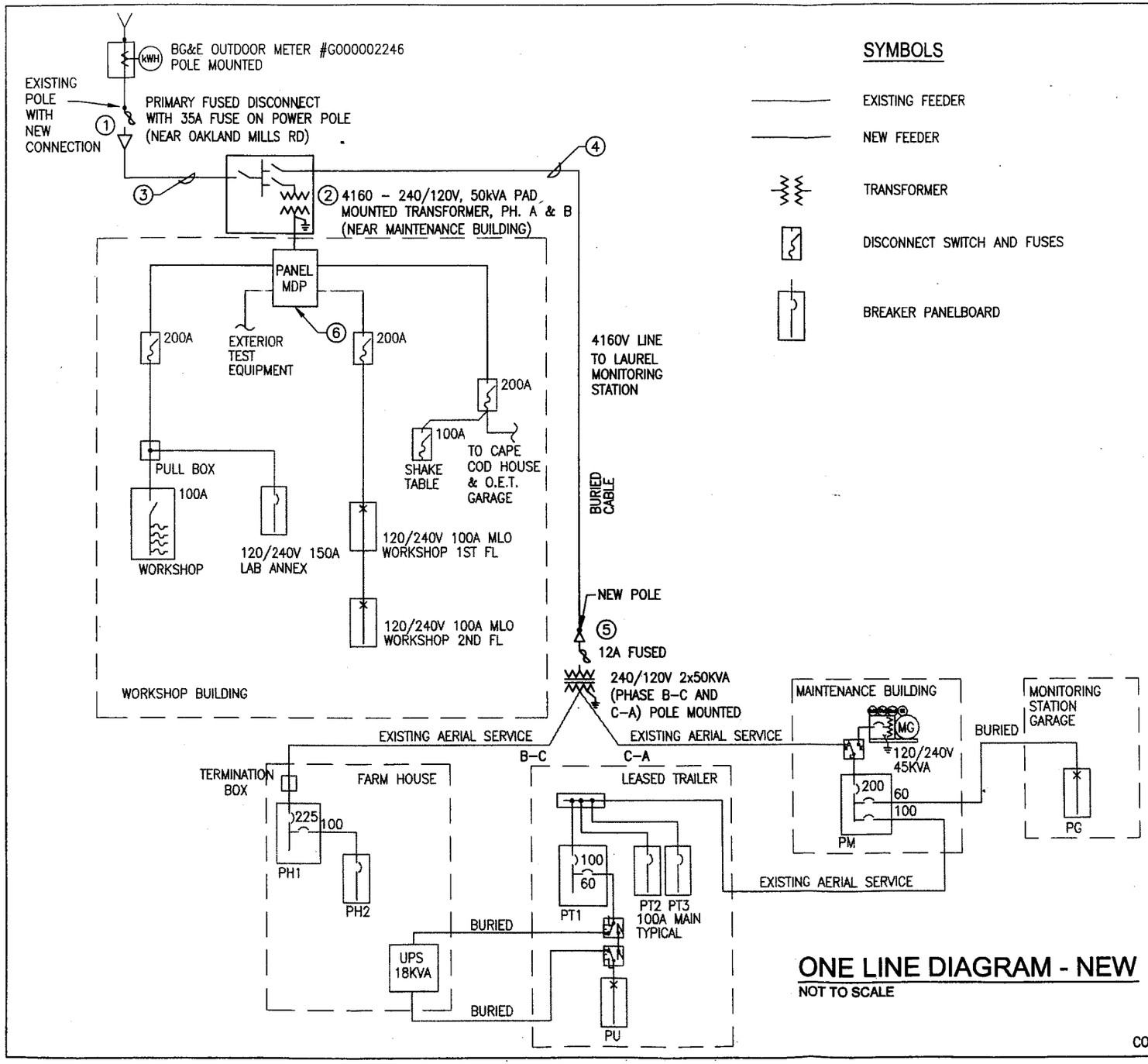
ONE LINE DIAGRAM EXISTING & DEMOLITION

NOT TO SCALE

CONCEPT 7/29/2004

JVP Engineers, P.C.
Consulting Engineers
Suite LL-15
4200 Wisconsin Avenue, N.W.
Washington, DC. 20016-2151
Tel: (202)362-3001
Fax: (202)362-5541

CLIENT	FEDERAL COMMUNICATIONS COMMISSION OFFICE OF ASSOCIATE MANAGING DIRECTOR 445 12TH STREET SW WASHINGTON, DC 20554	
BUILDING	NAME	LAUREL MONITORING STATION
	ADDRESS	9200 FARM HOUSE LN COLUMBIA, MD 21046-1671
	NUMBER	
	FLOORS	
	OTHER BLDGS	
PROJECT	DESCRIPTION	
	NUMBER	JVP# 01-23.05.0
	PROJ. MGR.	
DRAWING	DRAWN BY	DATE
	CHECKED BY	
	TITLE	ONE LINE DIAGRAM – EXISTING
	NUMBER	E (DISCIPLINE) SK (SHEET TYPE) 02 (SEQUENCE)
	SHEET	2 OF 3



SYMBOLS

- EXISTING FEEDER
- NEW FEEDER
- TRANSFORMER
- DISCONNECT SWITCH AND FUSES
- BREAKER PANELBOARD

NOTES:

1. NEW FUSED DISCONNECT SWITCH, POT HEAD ON EXISTING POWER POLE.
2. NEW PAD MOUNTED TRANSFORMER WITH SECTIONALIZED SWITCH. USE PHASES A&B TO FEED PAD MOUNTED TRANSFORMER, PHASES B&C AND C&A TO FEED POLE MOUNTED TRANSFORMER.
3. 3x(%–#4AWG SHIELDED 5KV DIRECT BURIAL UNDERGROUND CABLE)
4. 2x(%–#4AWG SHIELDED 5KV DIRECT BURIAL UNDERGROUND CABLE)
5. NEW POWER POLE, POT HEAD, FUSED DISCONNECT AND TWO 50kVA POLE MOUNTED TRANSFORMERS.
6. NEW 240/120V, 1PH, 3W POWER PANEL MDP WITH SERVICE MAIN BREAKER AND BRANCH CIRCUITS. RECONNECT EXISTING LOADS.

ONE LINE DIAGRAM - NEW

NOT TO SCALE

CONCEPT 7/29/2004

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CLIENT	FEDERAL COMMUNICATIONS COMMISSION OFFICE OF ASSOCIATE MANAGING DIRECTOR 445 12TH STREET SW WASHINGTON, DC 20554	
BUILDING	NAME	LAUREL MONITORING STATION
	ADDRESS	9200 FARM HOUSE LN COLUMBIA, MD 21046–1671
	NUMBER	
	FLOORS	
	OTHER BLDGS	
PROJECT	DESCRIPTION	
	NUMBER	JVP# 01-23.05.0
	PROJ. MGR.	
DRAWING	DRAWN BY	DATE
	CHECKED BY	
	TITLE	ONE LINE DIAGRAM – NEW
	NUMBER	E SK 03 DISCIPLINE SHEET TYPE SEQUENCE
	SHEET	3 OF 3