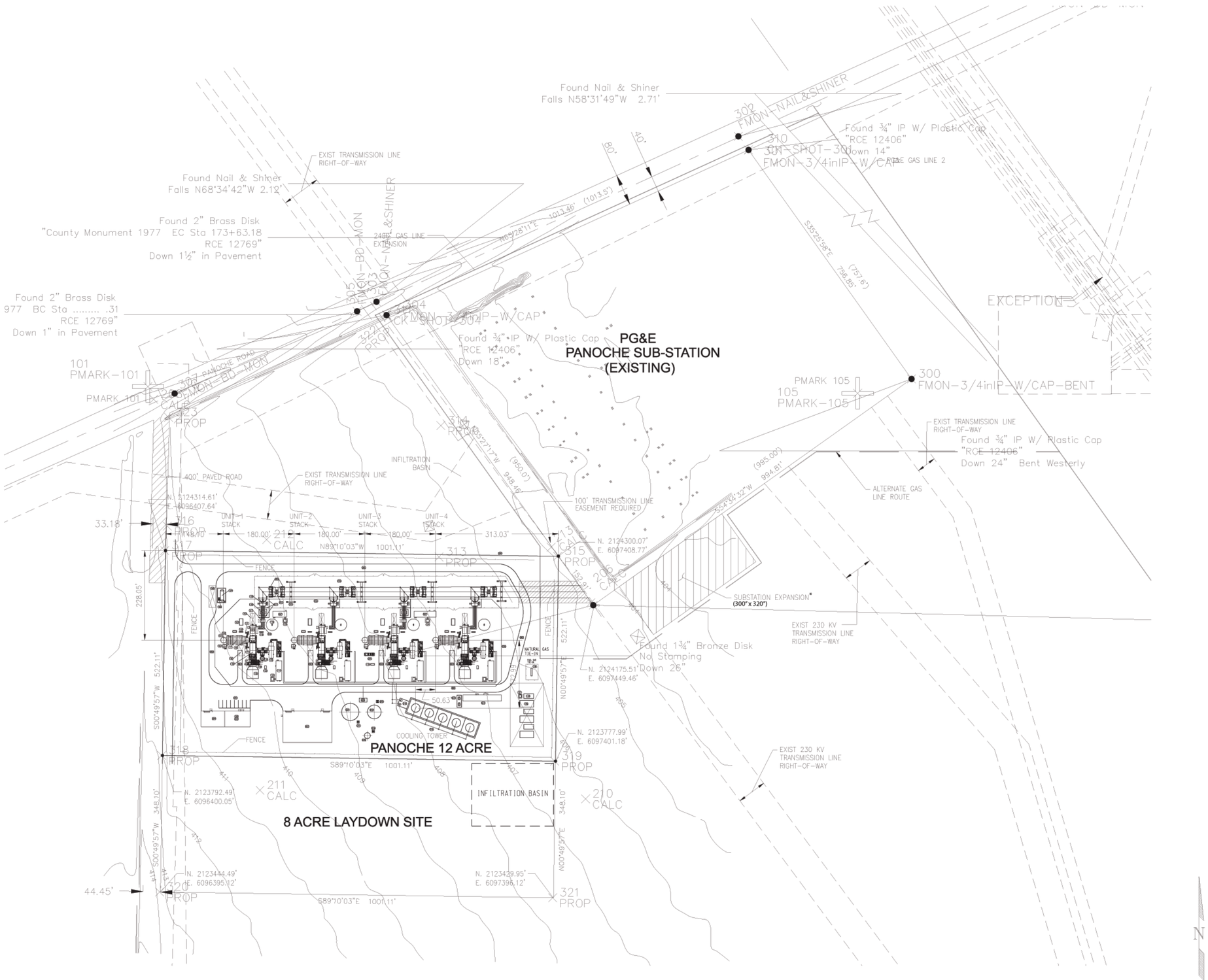

LEGEND

001	ADMINISTRATION BUILDING
002	CONTROL BUILDING
003	WATER TREATMENT BUILDING
004	WAREHOUSE BUILDING
006	FIRE WATER PUMP BUILDING
007	ELECTRICAL BUILDING
015	COOLING TOWER
016	CIRCULATING WATER PUMPS
020	COOLING TOWER XFMR'S
023	COOLING TOWER MCC AND CHEMICAL FEED BLDG
025	OIL/WATER SEPARATOR
030	DEMINERALIZED WATER PUMPS
032	DEMINERALIZED WATER STORAGE TANK (240,000 GAL)
034	RAW WATER/FIREWATER STORAGE TANK (500,000 GAL)
035	RAW WATER PUMPS
036	FIREWATER LOOP
045	WASTEWATER COLLECTION TANK (20,000 GAL)
046	WASTEWATER FORWARDING PUMPS
077	EQUIPMENT FIREWALL
078	DEADEND STRUCTURE (BY OWNER)
080	PARKING AREA
082	ROADWAY, 20' WIDTH
083	ROADWAY, 12' WIDTH
085	SITE FENCE
090	PLANT SWITCHYARD (BY OWNER)
092	SF6 BREAKER (BY OWNER)
093	SWITCHYARD DISCONNECT (BY OWNER)
100	COMBUSTION TURBINE (BY OWNER)
101	COMBUSTION TURBINE GENERATOR (BY OWNER)
102	TURBINE ROTOR REMOVAL AREA
103	GENERATOR REMOVAL AREA
105	AIR INLET FILTER (BY OWNER)
114	PACKAGED ELECTRICAL ELECTRONIC CONTROL CENTER (PEECC) (BY OWNER)
116	FUEL GAS FILTER/SEPARATOR
118	ELECTRIC DEW POINT HEATER
124	PAD MOUNTED TRANSFORMER
127	13.8KV GENERATOR BREAKER
129	AUXILIARY TRANSFORMER
130	CTG STEP-UP TRANSFORMER
133	WASTE WATER DRAINS TANK
136	FUEL GAS COMPRESSOR WITH ACCOUSTICAL ENCLOSURE
137	NATURAL GAS SURGE TANK
138	FUEL GAS REGULATING AREA
139	AIR COMPRESSOR SKID
144	FUEL GAS COMPRESSOR - RECYCLE GAS FIN FAN COOLER
148	CTG AUXILIARY SKID (BY OWNER)
149	INTERCOOLER SYSTEM (BY OWNER)
150	CTG EXHAUST DUCT (BY OWNER)
151	STACK (BY OWNER)
160	SCR (BY OWNER)
162	CONTINUOUS EMISSIONS MONITORING SYSTEMS EQUIPMENT
163	AMMONIA VAPORIZER
164	AMMONIA STORAGE TANK
166	AMMONIA FORWARDING PUMPS
168	AMMONIA INJECTION SKID
169	AMMONIA UNLOADING CONTAINMENT AREA
171	COOLING/PURGE AIR FANS (BY OWNER)
177	CO CATALYST (BY OWNER)
178	COMBUSTION TURBINE VBV SILENCER STACK
228	ISO-PHASE BUS DUCT

- PRELIMINARY -
NOT FOR CONSTRUCTION

CONFIDENTIAL

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* Substation expansion not drawn to scale

REV	DESCRIPTION	DWN	CHK	APP	DATE
F	REVISED DRAWING NUMBER	DNL	REB	SMG	07-21-06
E	REVISED BASIN LOCATION	DNL	REM	SMG	07-07-06
D	ADDED INFILTRATION BASIN	DNL	REM	SMG	06-21-06
C	REVISED UNIT SPACING & T/L INTERCONNECT ALIGNMENT, ADDED SUBSTATION EXPANSION & ALTERNATE GAS LINE ROUTE	JOY	CDH		06/06/06
B	ADDED TOPO & RIGHT-OF-WAYS	JOY	CDH		05/11/06
A	FOR PERMIT	IBR	JSG		05/10/06

KIEWIT INDUSTRIAL CO.
A Kiewit Company

PANOCHE ENERGY CENTER LLC

Bibb and associates
8455 Lenexa Drive
Lenexa, Kansas 66214

FIGURE 3-1

SITE PLAN

	by	date
DESIGNED	RSG	11-29-04
DRAWN	EGP	11-29-04
CHECKED	----	-----
APPROVED	----	-----

DRAWING NUMBER
2006-027-SP-001