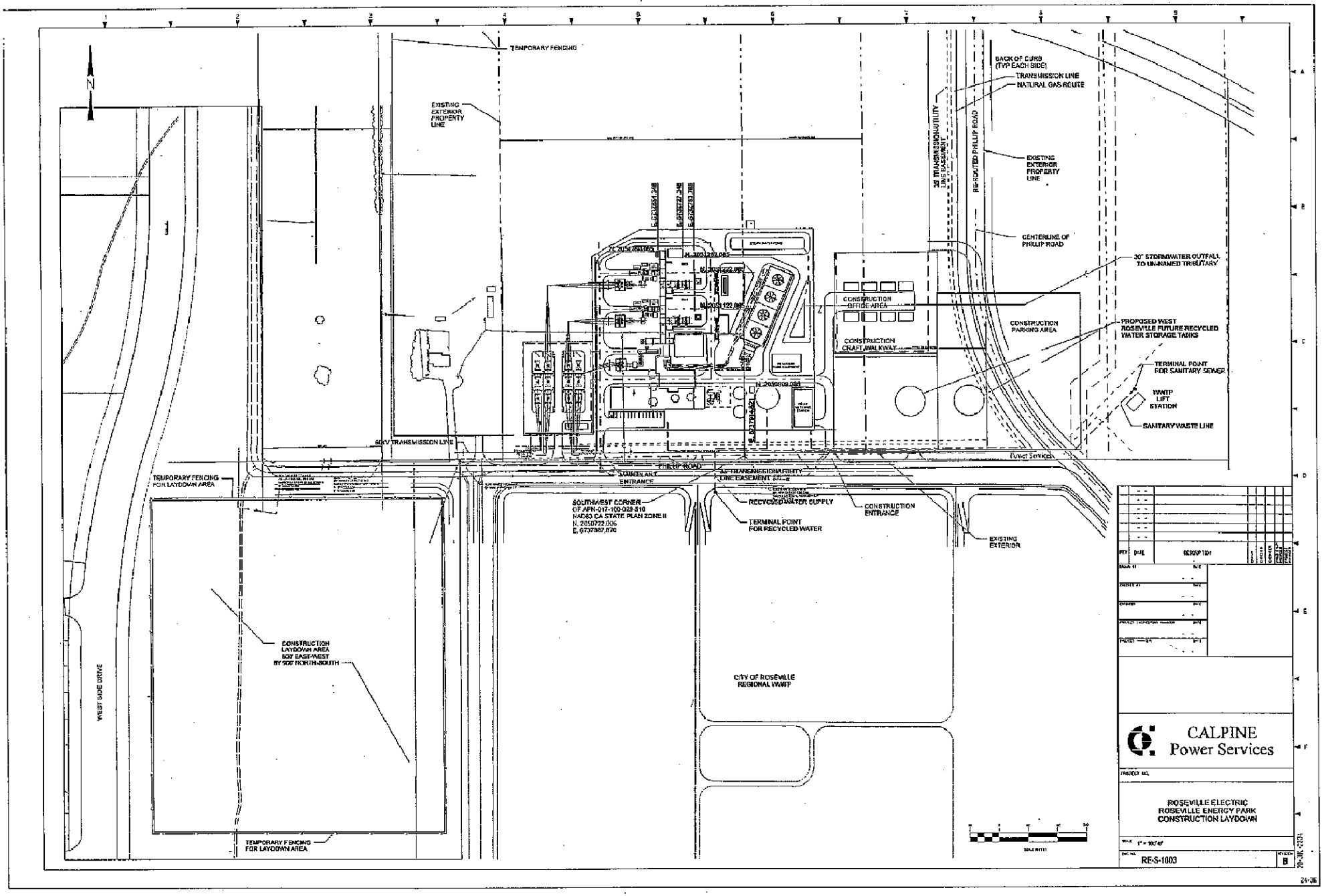
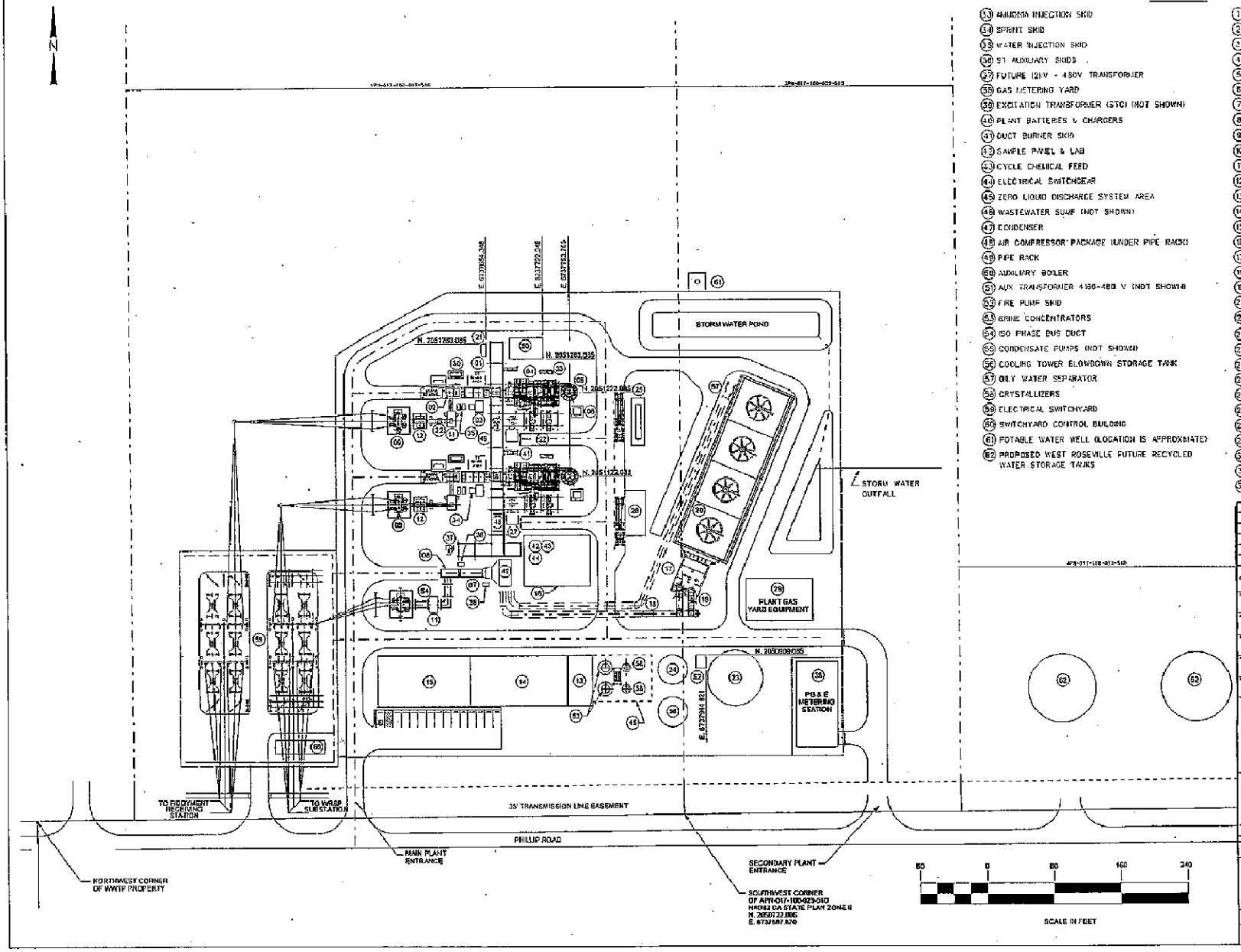
ATTACHMENT 3

REP CONSTRUCTION LAYDOWN AREA

REVISED SITE LAYOUT

REVISED SITE PLAN


TEMPORARY FENCING
EXISTING EXTERIOR PROPERTY LINE
BACK OF CURB (TYP EACH SIDE)
TRANSMISSION LINE
NATURAL GAS ROUTE
30' TRANSMISSION UTILITY LINE EASEMENT
RE-ROUTED PHILLIP ROAD
EXISTING EXTERIOR PROPERTY LINE
CENTERLINE OF PHILLIP ROAD
30" STORMWATER OUTFALL TO UN-NAMED TRIBUTARY
CONSTRUCTION OFFICE AREA
CONSTRUCTION CRAFT WALKWAY
CONSTRUCTION PARKING AREA
PROPOSED WEST ROSEVILLE FUTURE RECYCLED WATER STORAGE TANKS
TERMINAL POINT FOR SANITARY SEWER
WWTP LIFT STATION
SANITARY WASTE LINE
60KV TRANSMISSION LINE
Power Services
PHILLIP ROAD
TEMPORARY FENCING FOR LAYDOWN AREA
SECONDARY ENTRANCE
30' TRANSMISSION UTILITY LINE EASEMENT
SOUTHWEST CORNER OF APN-017-100-029-510 NAD83 CA STATE PLAN ZONE II N. 3050722.036 E. 6737887.870
RECYCLED WATER SUPPLY
TERMINAL POINT FOR RECYCLED WATER
CONSTRUCTION ENTRANCE
EXISTING EXTERIOR
CONSTRUCTION LAYDOWN AREA 600' EASE-WEST BY 500' NORTH-SOUTH
CITY OF ROSEVILLE REGIONAL WWTP
WEST SIDE DRIVE
TEMPORARY FENCING FOR LAYDOWN AREA
CALPINE Power Services
ROSEVILLE ELECTRIC
ROSEVILLE ENERGY PARK
CONSTRUCTION LAYDOWN
RE-S-1003



LEGEND

- (33) AMMONIA INJECTION SKID
- (34) SPRINT SKID
- (35) WATER INJECTION SKID
- (36) ST AUXILIARY SKIDS
- (37) FUTURE 12KV - 480V TRANSFORMER
- (38) GAS METERING YARD
- (39) EXCITATION TRANSFORMER (STG) (NOT SHOWN)
- (40) PLANT BATTERIES & CHARGERS
- (41) DUCT BURNER SKID
- (42) SAMPLE PANEL & LAB
- (43) CYCLE CHEMICAL FEED
- (44) ELECTRICAL SWITCHGEAR
- (45) ZERO LIQUID DISCHARGE SYSTEM AREA
- (46) WASTEWATER SUMP (NOT SHOWN)
- (47) CONDENSER
- (48) AIR COMPRESSOR PACKAGE (UNDER PIPE RACK)
- (49) PIPE RACK
- (50) AUXILIARY BOILER
- (51) AUX TRANSFORMER 4160-480 V (NOT SHOWN)
- (52) FIRE PUMP SKID
- (53) BRINE CONCENTRATORS
- (54) ISO PHASE BUS DUCT
- (55) CONDENSATE PUMPS (NOT SHOWN)
- (56) COOLING TOWER BLOWDOWN STORAGE TANK
- (57) OILY WATER SEPARATOR
- (58) CRYSTALLIZERS
- (59) ELECTRICAL SWITCHYARD
- (60) SWITCHYARD CONTROL BUILDING
- (61) POTABLE WATER WELL (LOCATION IS APPROXIMATE)
- (62) PROPOSED WEST ROSEVILLE FUTURE RECYCLED WATER STORAGE TANKS

- (1) COMBUSTION TURBINE (CT)
- (2) CT GENERATOR
- (3) CT AUXILIARY SKID
- (4) HEAT RECOVERY STEAM GENERATOR (HRSG)
- (5) HRSG STACK
- (6) CONTINUOUS EMISSIONS MONITORS (CEMS)
- (7) STEAM TURBINE
- (8) ST GENERATOR
- (9) GENERATOR STEPUP TRANSFORMER
- (10) GENERATOR CIRCUIT BREAKER
- (11) GENERATOR CIRCUIT BREAKER
- (12) UNIT AUXILIARY TRANSFORMER
- (13) WATER TREATMENT BLDG
- (14) WAREHOUSE/MAINTENANCE BLDG
- (15) ADMIN/CONTROL ROOM BLDG
- (16) PLANT ELECTRICAL BUILDING
- (17) AUX COOLING WATER PUMPS
- (18) CIRCULATING WATER PIPING
- (19) CIRCULATING WATER PUMPS
- (20) COOLING TOWER
- (21) STANDBY GENERATOR
- (22) BOILER FEED PUMPS
- (23) SERVICE / FIRE WATER STORAGE TANK
- (24) DEMIN. WATER STORAGE TANK
- (25) AMMONIA STORAGE TANK
- (26) SWITCHYARD CONTROL BUILDING (NOT SHOWN)
- (27) BLOWDOWN TANK & SUMP
- (28) COOLING TOWER CHEMICAL FEED BUILDING
- (29) FUEL GAS COMPRESSOR AREA
- (30) WATER WASH SUMP
- (31) WATER WASH SKID (NOT SHOWN)
- (32) NON-SEGREGATED BUS DUCT

REV	DATE	DESCRIPTION

PROFESSIONAL ENGINEER STAMP

CALPINE Power Services

ROSEVILLE ELECTRIC
ROSEVILLE ENERGY PARK
SITE LAYOUT

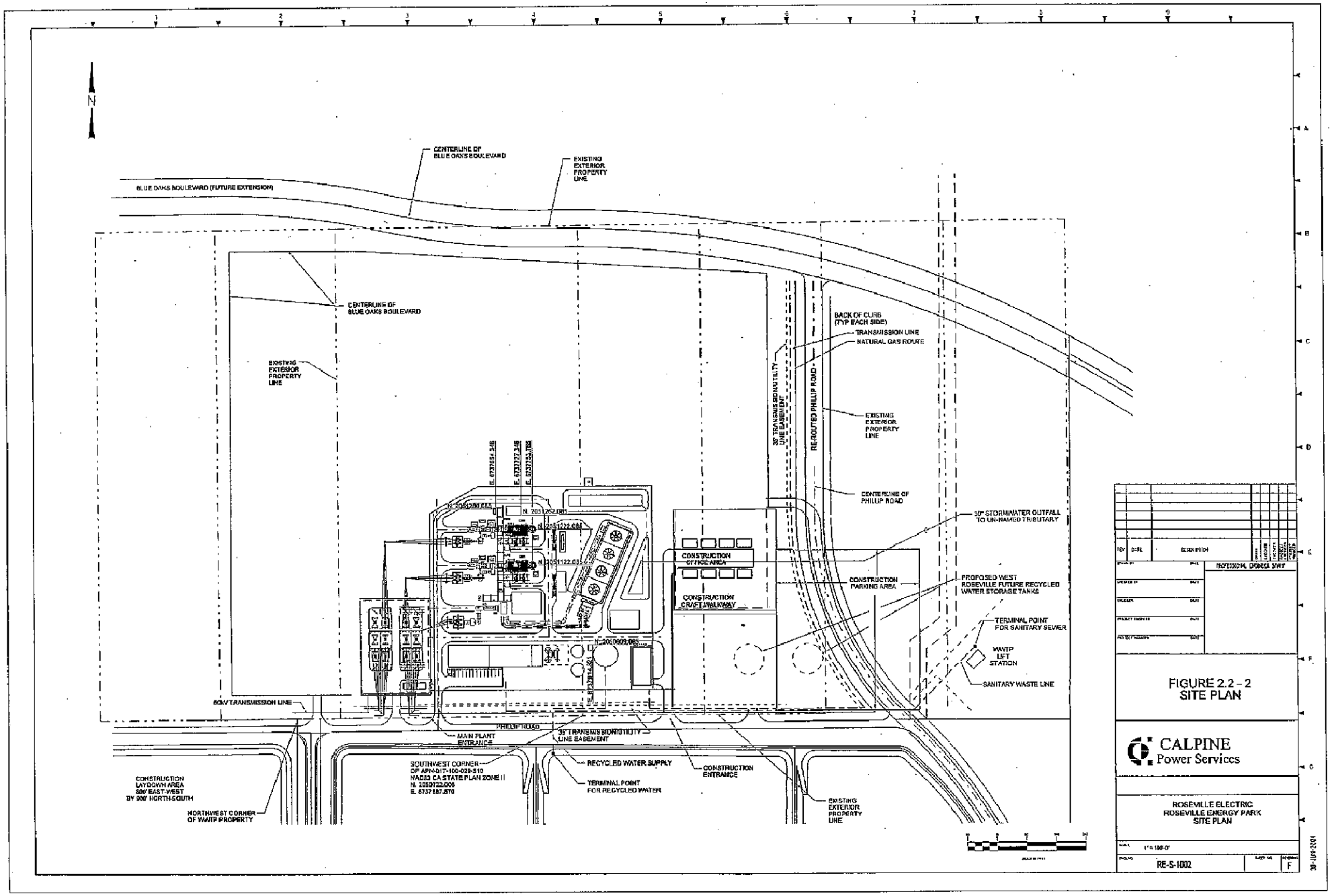
SCALE 1" = 50'-0"

DWG NO. RE-S-1001

SHEET NO.

REVISION L

30-JUN-2004


N
BLUE OAKS BOULEVARD (FUTURE EXTENSION)
CENTERLINE OF BLUE OAKS BOULEVARD
EXISTING EXTERIOR PROPERTY LINE
CENTERLINE OF BLUE OAKS BOULEVARD
EXISTING EXTERIOR PROPERTY LINE
BACK OF CURB (TYP EACH SIDE)
TRANSMISSION LINE
NATURAL GAS ROUTE
35' TRANSMISSION UTILITY LINE EASEMENT
RE-ROUTED PHILLIP ROAD
EXISTING EXTERIOR PROPERTY LINE
CENTERLINE OF PHILLIP ROAD
30" STORMWATER OUTFALL TO UN-NAMED TRIBUTARY
CONSTRUCTION OFFICE AREA
CONSTRUCTION PARKING AREA
CONSTRUCTION CRAFT WALKWAY
PROPOSED WEST ROSEVILLE FUTURE RECYCLED WATER STORAGE TANKS
TERMINAL POINT FOR SANITARY SEWER
WWTP LIFT STATION
SANITARY WASTE LINE
60kV TRANSMISSION LINE
PHILLIP ROAD
MAIN PLANT ENTRANCE
35' TRANSMISSION UTILITY LINE EASEMENT
SOUTHWEST CORNER OF APN-017-100-029-510 NAD83 CA STATE PLAN ZONE II N. 1059722.008 E. 6737687.570
RECYCLED WATER SUPPLY
TERMINAL POINT FOR RECYCLED WATER
CONSTRUCTION ENTRANCE
EXISTING EXTERIOR PROPERTY LINE
CONSTRUCTION LAYDOWN AREA 600' EAST-WEST BY 900' NORTH-SOUTH
NORTHWEST CORNER OF WWTP PROPERTY
REV DATE DESCRIPTION
PROFESSIONAL ENGINEER STAMP
FIGURE 2.2 - 2
SITE PLAN
CALPINE
Power Services
ROSEVILLE ELECTRIC
ROSEVILLE ENERGY PARK
SITE PLAN
1" = 100'-0"
RE-S-1002
F
30-109-2001