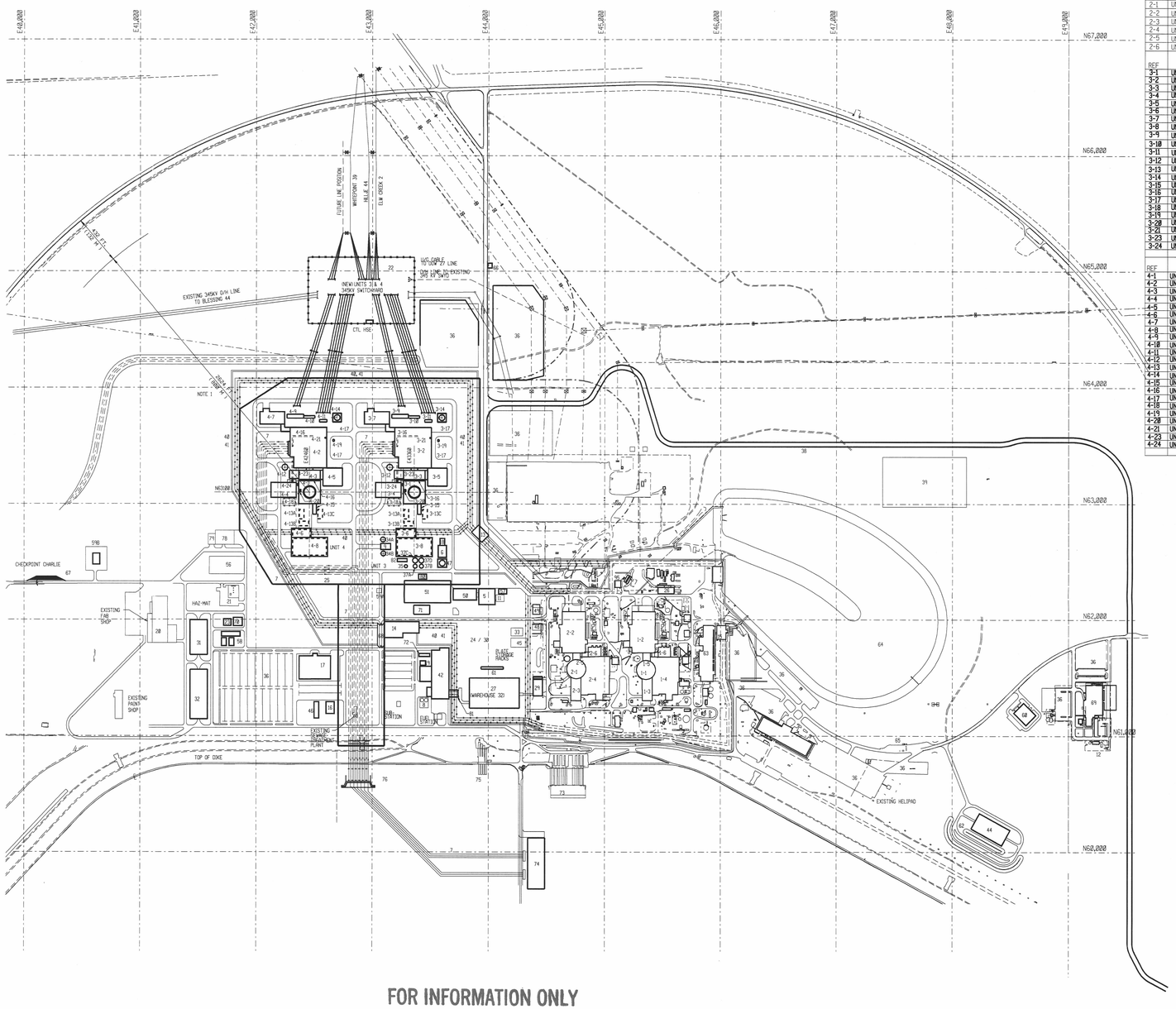
FOR INFORMATION ONLY



FOR INFORMATION ONLY

A12

REF	LEGEND - EXISTING UNIT 1 DESCRIPTION
1-1	UNIT 1 REACTOR BUILDING
1-2	UNIT 1 TURBINE GENERATOR BUILDING
1-3	UNIT 1 FUEL HANDLING BUILDING
1-4	UNIT 1 MECHANICAL AND ELECTRICAL AUXILIARY BUILDING
1-5	UNIT 1 ISOLATION VALVE CUBICLES
1-6	UNIT 1 DIESEL GENERATOR BUILDING

REF	LEGEND - EXISTING UNIT 2 DESCRIPTION
2-1	UNIT 2 REACTOR BUILDING
2-2	UNIT 2 TURBINE GENERATOR BUILDING
2-3	UNIT 2 FUEL HANDLING BUILDING
2-4	UNIT 2 MECHANICAL AND ELECTRICAL AUXILIARY BUILDING
2-5	UNIT 2 ISOLATION VALVE CUBICLES
2-6	UNIT 2 DIESEL GENERATOR BUILDING

REF	LEGEND - UNIT 3 DESCRIPTION
3-1	UNIT 3 REACTOR BUILDING
3-2	UNIT 3 TURBINE BUILDING
3-3	UNIT 3 CONTROL BUILDING
3-4	UNIT 3 RADWASTE BUILDING
3-5	UNIT 3 SERVICE BUILDING
3-6	UNIT 3 UHS PUMPHOUSE
3-7	UNIT 3 HOT MACHINE SHOP
3-8	UNIT 3 ULTIMATE HEAT SINK
3-9	UNIT 3 MAIN TRANSFORMERS AREA
3-10	UNIT 3 AUXILIARY TRANSFORMERS
3-11	UNIT 3 RESERVE TRANSFORMERS
3-12	UNIT 3 CONDENSATE STORAGE TANK
3-13	UNIT 3 EMERGENCY D/G FUEL OIL TANKS A,B,C
3-14	UNIT 3 COMBUSTION TURBINE FUEL OIL TANKS
3-15	UNIT 3 LARGE EQUIPMENT ACCESS BUILDING
3-16	UNIT 3 RADWASTE TUNNELS
3-17	UNIT 3 NON-NUCLEAR MAINTENANCE LAYDOWN AREA
3-18	UNIT 3 FENCED RADWASTE STORAGE AREA
3-19	UNIT 3 COMBUSTION TURBINE GENERATOR AUXILIARY TRANSFORMER
3-20	UNIT 3 PLANT STACK
3-21	UNIT 3 COMBUSTION TURBINE EXHAUST STACK
3-23	UNIT 3 CONTROL BUILDING ANNEX
3-24	UNIT 3 WALKWAY FROM RADWASTE BUILDING TO CONTROL BUILDING

REF	LEGEND - UNIT 4 DESCRIPTION
4-1	UNIT 4 REACTOR BUILDING
4-2	UNIT 4 TURBINE BUILDING
4-3	UNIT 4 CONTROL BUILDING
4-4	UNIT 4 RADWASTE BUILDING
4-5	UNIT 4 SERVICE BUILDING
4-6	UNIT 4 UHS PUMPHOUSE
4-7	UNIT 4 HOT MACHINE SHOP
4-8	UNIT 4 ULTIMATE HEAT SINK
4-9	UNIT 4 MAIN TRANSFORMERS AREA
4-10	UNIT 4 AUXILIARY TRANSFORMERS
4-11	UNIT 4 RESERVE TRANSFORMERS
4-12	UNIT 4 CONDENSATE STORAGE TANK
4-13	UNIT 4 EMERGENCY D/G FUEL OIL TANKS A,B,C
4-14	UNIT 4 COMBUSTION TURBINE FUEL OIL TANKS
4-15	UNIT 4 LARGE EQUIPMENT ACCESS BUILDING
4-16	UNIT 4 RADWASTE TUNNELS
4-17	UNIT 4 NON-NUCLEAR MAINTENANCE LAYDOWN AREA
4-18	UNIT 4 FENCED RADWASTE STORAGE AREA
4-19	UNIT 4 COMBUSTION TURBINE GENERATOR AUXILIARY TRANSFORMER
4-20	UNIT 4 PLANT STACK
4-21	UNIT 4 COMBUSTION TURBINE EXHAUST STACK
4-23	UNIT 4 CONTROL BUILDING ANNEX
4-24	UNIT 4 WALKWAY FROM RADWASTE BUILDING TO CONTROL BUILDING

5	MOC BUILDING 5 (EXISTING / REFURBISH)
6	MAKEUP WATER TREATMENT BUILDING (NEW)
7	CIRCULATING WATER PIPING (NEW)
8	POTABLE WATER PLANT (EXISTING)
9	FIRE PROTECTION PUMPHOUSE (NEW)
11	RECORDS VAULT (EXISTING)
12	EAST SEWAGE TREATMENT PLANT (EXISTING)
13	NORTH SECURITY GATEHOUSE (NEW)
14	SOUTH SECURITY GATEHOUSE (NEW)
15	EAST SECURITY GATEHOUSE (EXISTING)
16	WEST SEWAGE TREATMENT PLANT (NEW)
17	NUCLEAR TRAINING FACILITY UNITS 1-4 (NEW)
18	CHEMICAL STORAGE & TRANSFER SYSTEMS (NEW)
19	COMBUSTIBLE STORAGE BUILDING (NEW)
20	FABRICATION SHOP (EXISTING)
21	HAZARDOUS MATERIALS BUILDING (EXISTING)
22	UNITS 3 & 4 SWITCHYARD (NEW)
23	NITROGEN STORAGE (NEW)
24	CONTROLLED EXTENDED STORAGE AREA (EXISTING)
25	NUCLEAR ISLAND MAINTENANCE LAYDOWN AREA (NEW)
26	BUILDING 26 (EXISTING)
27	RECIEVING WAREHOUSE (WAREHOUSE 32) (EXISTING / REFURBISH)
29	ANNEX TO BUILDING 27 (EXISTING / REFURBISH)
30	DRY CASK STORAGE
31	CLIMATE CONTROLLED WAREHOUSE (NEW)
32	NON-CLIMATE CONTROLLED WAREHOUSE (NEW)
33	BUILDING 33 (MEDICAL) (EXISTING)
34	FIREWATER STORAGE TANK A,B (NEW)
35	FILTERED WATER TANK (NEW)
36	PARKING AREA (NEW)
37	DEMINERALIZED WATER STORAGE TANKS/PROVER TANKS A,B,C,D (NEW)
38	HEAVY HAUL ROAD (NEW)
39	BATCH PLANT (NEW)
40	PROTECTED AREA (PA) SECURITY FENCE (NEW)
41	PROTECTED AREA ISOLATION ZONE (NEW)
42	RECIEVING WAREHOUSE (NEW)
44	LOW LEVEL RADWASTE STORAGE (NEW)
45	BUILDING 45 (EXISTING)
46	WASTE WATER RETENTION BASIN (NEW)
47	WELL WATER STORAGE (NEW)
48	WEST SECURITY GATEHOUSE (EXISTING)
49	GUARD FACILITY (EXISTING)
50	MOC BUILDING 50 (EXISTING / REFURBISH)
51	MOC BUILDING 51 (NEW)
55	WAREHOUSE 5 (EXISTING)
57	COMMUNICATIONS BUILDING (NEW)
58	NON-RADIOACTIVE DRAINAGE SETTLING BASIN (NEW)
59A	RADIOGRAPHY BUNKER (EXISTING)
59B	RADIOGRAPHY BUNKER (NEW)
60	MET LAB (NEW)
61	OPEN SIDED MATERIALS STORAGE BUILDING (NEW)
62	OSSC STORAGE (NEW)
63	MAINTENANCE OPERATIONS FACILITY (EXISTING)
64	ESSENTIAL COOLING WATER POND (ECW) (EXISTING)
65	SECURITY CHECKPOINT ALPHA (EXISTING)
66	SECURITY CHECKPOINT BRAVO (EXISTING)
67	SECURITY CHECKPOINT CHARLIE (NEW)
68	VEHICLE SALLY PORT - SOUTH (NEW)
69	NTF (EXISTING / REFURBISH)
70	HYDROGEN STORAGE TANK (NEW)
71	MOC BUILDING 71 (EXISTING / REFURBISH)
72	GAS STORAGE RACK (NEW)
73	UNIT 1 & 2 CIRC WATER INTAKE STRUCTURE (EXISTING)
74	UNIT 3 & 4 CIRC WATER INTAKE STRUCTURE (NEW)
75	UNIT 1 & 2 CIRC WATER DISCHARGE STRUCTURE (EXISTING)
76	UNIT 3 & 4 CIRC WATER DISCHARGE STRUCTURE (NEW)
78	OLD STEAM GENERATOR STORAGE (EXISTING)
79	FUTURE REACTOR HEAD STORAGE
80	TOOL ROOM LUBE OIL STORAGE
81	WAREHOUSE SALLY PORT
82	AIA BUILDING
95	NORTH GATEHOUSE (EXISTING)

NOTES:
1. DIMENSION DEFINES THE EXCLUSION AREA FOR UNITS 3 & 4.

FOR INFORMATION ONLY

0 200 400 800 1000 FT
GRAPHIC SCALE
1 = 400'

FOR ENLARGED VIEW SEE DRAWING
U0-P-PP-001-2

☐ SAFETY-RELATED ☐ NON-SAFETY-RELATED

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REV	DATE	REVISION DESCRIPTION	PREP	CHK	APPRV
A	30APR08	ISSUED FOR REVIEW	SPE	MJH	BC
B	20MAY08	ISSUED FOR REVIEW	SPE	MJH	BC
C	27JUN08	ISSUED FOR COLA REV X	SPE	MJH	CCR
D	15JUL08	INCORPORATE STP COMMENTS FOR COLA REV X	SPE	MJH	CCR
E	19NOV08	ISSUED FOR APPROVAL			

DATE 30APR08 DRAWN BY SPE CHECKED BY BRC APPROVED BY MJH

FLUOR ENTERPRISES, Inc

SOUTH TEXAS PROJECT NUCLEAR OPERATING COMPANY
STP UNITS 3 & 4 BAY CITY, TX

TITLE PLOT PLAN
SHEET 1 OF 2

D-03

SCALE N/A | FLUOR PROJECT A3SC | DRAWING NUMBER U0-P-PP-001-1 | REV E

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