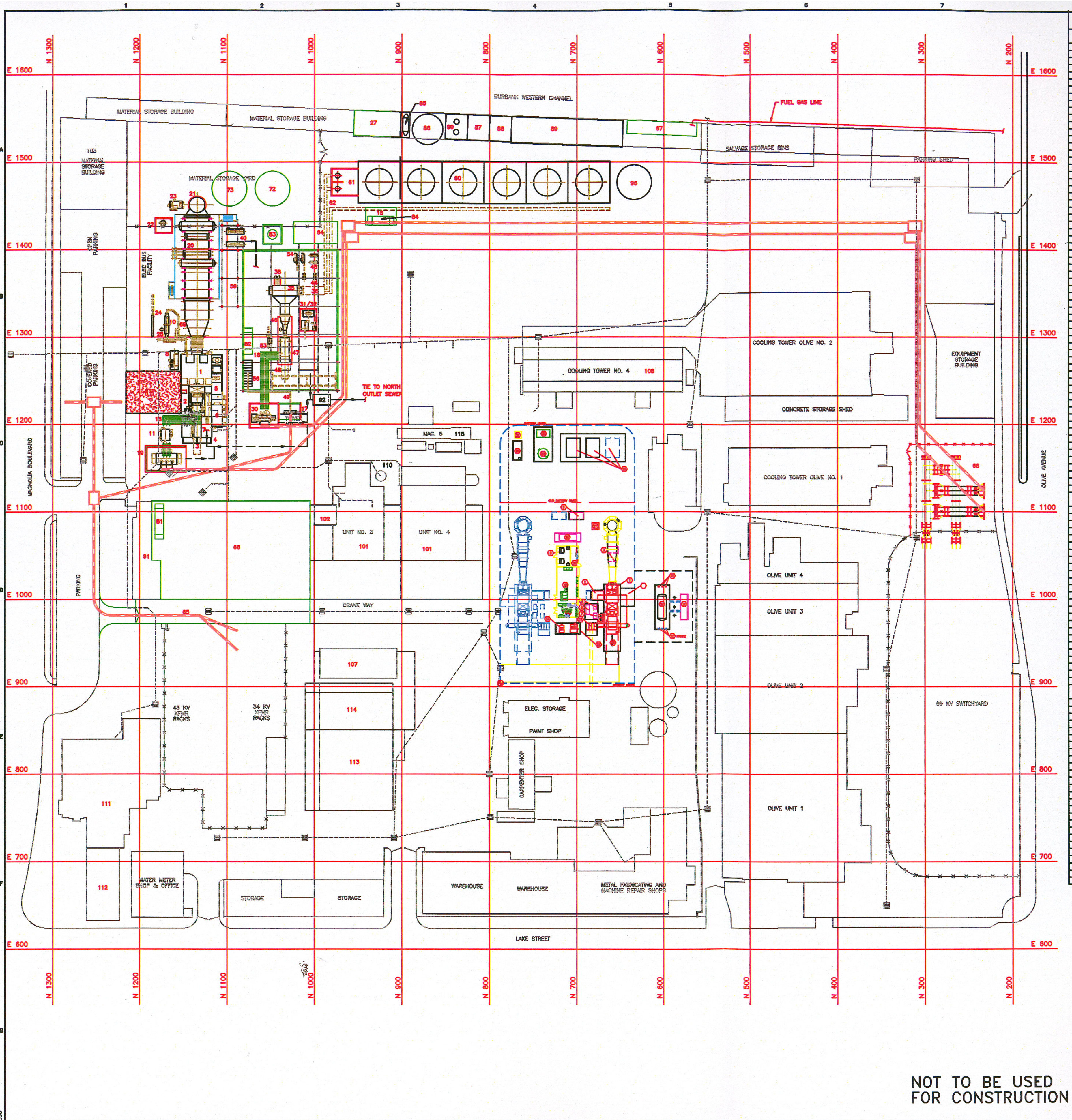
Technical Area: Visual Resources

BACKGROUND

It is unclear from Figures 3.4-1 and 3.4-2 (Site Grading and Site Arrangement) in the Facility Description of the AFC which existing structures on the Site Existing Topo Plan (Figure 3.3-1) will be removed and which replaced. For example, will the Units 1 and 2 structures, and the Cooling Tower No. 3 structure remain, as depicted in Figure 3.4-2? Similarly, will the existing 78,000 gallon storage tank on the site's eastern boundary remain, be removed, or be relocated?

Data Request 53: Please provide a revised Site Arrangement Plan that clearly shows the final proposed plant layout, including all major structural removals and relocations, all new structures, reconfigured containment berms, etc.

Response: The new facilities site arrangement drawing S1003 (attached) identifies the new plant facilities as requested. There are no reconfigured or new earth containment berms. The existing 78 k barrel storage tank with its berm will be removed to allow for the new cooling tower. Similarly, the remaining structures associated with Magnolia Units 1 and 2, as well as cooling towers 1, 2, and 3, are scheduled for removal. The new administration and control room facility will be built on the footprint of Unit 1. The new combustion turbine and HRSG, and the new steam turbine, will be built on the footprint of the Unit 1 and 2 cooling towers. There will be no new structures built on the footprint of #3 cooling tower as depicted on the new drawing.



FACILITY LEGEND

ID	NEW FACILITY	BUILDING HEIGHT	BUILDING LENGTH	BUILDING WIDTH	TIEDOWN LOCATION NORTH	TIEDOWN LOCATION EAST	REMARKS
1	COMBUSTION TURBINE	31'-0"	36'-0"	36'-0"			
2	COMBUSTION TURBINE GENERATOR	27'-0"	16'-0"	34'-6"			
3	C T GENERATOR ROTOR REMOVAL						
4	COMBUSTION TURBINE INLET AIR FILTER	65'-5"	34'-0"	65'-0"			
5	C T MECHANICAL PACKAGE	19'-11"	11'-6"	13'-6"			
6	C T ELECTRICAL PACKAGE	15'-2 7/8"	12'-0"	26'-0"			
7	C T STARTER PACKAGE						
8	COMBUSTION TURBINE CO2 FIRE PROTECTION SKID						
10	C T ROTOR COOLER						
11	C T GENERATOR EXCITATION/PT COMPARTMENT						
14	COMBUSTION TURBINE MAINTENANCE AREA						
16	COOLING TOWER ELECTRICAL BUILDING	16'-0"	36'-0"	20'-0"			
17	AUXILIARY TRANSFORMER	27'-0"	13'-6"	4'-0"			
18	ISOLATED PHASE BUS DUCT						
19	C T GENERATOR STEPUP TRANSFORMER	27'-0"	33'-4"	21'-4"			
20	HEAT RECOVER STEAM GENERATOR	82'-6"	27'-6"	96'-6"			
21	HEAT RECOVERY STEAM GENERATOR EXHAUST STACK	150'-0"	19'-0"	19'-0"			
22	HRSG BLOWDOWN TANK						
23	CONTINUOUS EMMISSION MONITOR EQUIPMENT						
24	FUEL GAS HEATER						
25	FUEL GAS SCRUBBER						
27	FUEL GAS COMPRESSOR BUILDING	12'-0"	43'-8"	26'-8"			
30	STEAM TURBINE GENERATOR STEPUP TRANSFORMER	27'-0"	27'-6"	13'-0"			
31	STEAM TURBINE LUBE OIL PACKAGE						
32	STEAM TURBINE E H C UNIT						
35	CONDENSER						
36	CONDENSER TUBE REMOVAL						
38	CONDENSATE PUMP						
40	BOILER FEED PUMP						
44	CLOSED CYCLE COOLING WATER HEAT EXCHANGER						
45	CLOSED CYCLE COOLING WATER PUMP						
46	STEAM TURBINE	76'-0"	109'-0"	161'-0"			
47	STEAM TURBINE GENERATOR						
48	STEAM TURBINE ROTOR REMOVAL						
49	NON-SEG BUS DUCT						
53	GLAND STEAM CONDENSER						
54	CONDENSER EXHAUSTER						
56	CT & ST 4.16KV SWITCHGEAR						
59	PIPE SUPPORT RACK						
60	COOLING TOWER	50'-0"	266'-0"	48'-0"			
61	CIRCULATING WATER PUMPS						
62	CIRCULATING WATER PIPE						
64	DEMIN TRUCK LOCATION						
65	FUTURE PARKING						
66	NEW ADMIN BUILDING EXPANSION	41'-0"	181'-0"	112'-0"			
67	FUEL GAS REGULATOR STATION						
68	SWITCHYARD EXTENSION						
69	HRSG DUCT BURNERS						
70	STG BRIDGE CRANE						
72	DEMIN WATER TANK	40'-0"	40'-0"	40'-0"			
73	CONDENSATE STORAGE TANK	40'-0"	40'-0"	40'-0"			
81	ADMINISTRATION BUILDING 480V SUS						
82	BALANCE OF PLANT 480V SUS						
83	AMMONIA STORAGE TANK WITH SUN SHIELD						
84	COOLING TOWER 480V SUS	15'-0"	30'-0"	10'-0"			
85	SULFURIC ACID TANK WITH CONTAINMENT		35'-0" DIA.				
86	WELL WATER CLARIFIER	20'-0"					
87	HYPOCLORITE FEED PUMPS WITH CONTAINMENT						
88	WELL WATER SO2 FEED PUMPS WITH CONTAINMENT						
89	WATER TREATMENT BUILDING	20'-0"	126'-0"	34'-0"			
90	WELL WATER HYPOCLORITE TANKS WITH CONTAINMENT						
94	AMMONIA TANK						
96	WASTEWATER HOLDING TANK						

NO.	EXISTING STRUCTURES	BUILDING HEIGHT	BUILDING LENGTH	BUILDING WIDTH	TIEDOWN LOCATION NORTH	TIEDOWN LOCATION EAST	REMARKS
63	25000 BBL FUEL OIL STORAGE TANK & BERMS	52'-0"	142'-0"	200'-0"			TO BE REMOVED
71	76000 BBL STORAGE TANK AND BERMS	60'-0"	231'-0"	213'-9"			TO BE REMOVED
74	4000 BBL FUEL OIL STORAGE	10'-0"	120'-0"	141'-6"			TO BE REMOVED
75	ELECTRICAL BUS FACILITY	24'-0"	34'-10"	72'-2"			TO BE REMOVED
76	MAGNOLIA COOLING TOWER NO 1	20'-0"	54'-4"	107'-6"			TO BE REMOVED
77	MAGNOLIA COOLING TOWER NO 2	20'-0"	63'-10"	97'-0"			TO BE REMOVED
78	MAGNOLIA UNIT NO 1	41'-0"	91'-6"	67'-10"			TO BE REMOVED
79	MAGNOLIA UNIT NO 2	41'-0"	89'-6"	86'-8"			TO BE REMOVED
80	MAGNOLIA COOLING TOWER NO 3	36'-0"	154'-0"	45'-10"			TO BE REMOVED
101	MAGNOLIA UNIT NO 3	54'-0"	58'-9"	111'-0"			
101	MAGNOLIA UNIT NO 4	54'-0"	74'-2"	107'-0"			
102	ELEVATOR TOWER	62'-0"	25'-0"	22'-10"			
103	MATERIAL STORAGE BUILDING A	12'-0"	76'-6"	105'-5"			
104	MATERIAL STORAGE BUIDLING B	12'-0"	160'-5"	24'-10"			
104	MATERIAL STORAGE BUIDLING C	12'-0"	146'-4"	24'-10"			
105	PARKING SHED (QTY 2)	21'-0"	23'-10"	235'-0"			
107	RADIO SHOP (COMMUNICATION BUILDING)	14'-10"	88'-4"	34'-0"			
108	MAGNOLIA COOLING TOWER NO 4	36'-0"	183'-6"	51'-0"			
110	MAGNOLIA UNIT 3/4 STACK	150'-0"	12'-0"	12'-0"			
111	ADMINISTRATION BUILDING	37'-4"	117'-0"	147'-6"			
112	ADMINISTRATION BUILDING EXPANSION	26'-0"	38'-0"	83'-0"			
113	ELECTRIC SHOP	20'-0"	100'-6"	92'-8"			
114	ELECTRIC SHOP CRANE STRUCTURE	37'-0"	100'-6"	42'-9 1/2"			
115	TEST WELLS						

NO.	LM6000 BATTERY LIMITS
1	LM6000 GAS TURBINE GENERATOR
2	AUXILIARY SKID
3	SCR W/EXHAUST STACK
5	FUEL GAS FILTERS & REGULATORS
6	DEMINERALIZED WATER FILTERS
7	SPRINT INJECTION SKID
8	WATER INJECTION SKID
9	DUAL AIR COMPRESSORS WITH DRYER
10	OIL/ WATER SEPARATOR
11	15KV GENERATOR BREAKERS
12	AUX TRANSFORMER 13.8KV/4160V
13	AUX TRANSFORMER 4160V/480V
14	UTILITY CONTROL ROOM W/ GTG CONTROL PANEL
15	ELECTRICAL SWITCHGEAR ROOM
16	BATTERY ROOM
17	CEMS PACKAGE
19	TURBINE REMOVAL PAD
20	GENERATOR REMOVAL PAD
21	RUN OFF WATER COLLECTION SUMP
22	AMMONIA FORWARDING & OFF LOADING PUMPS
25	FUEL GAS COMPRESSORS
26	AMMONIA TANK
28	BLACK START GENERATOR
29	WATER OIL TANK 5,000 GAL
30	WASTE OIL PUMP
31	EXISTING BRINE TANK

GENERAL LEGEND

- CONCRETE
- NEW FACILITY
- EXISTING FACILITY
- NEW FENCE
- EXISTING FENCE
- TRANSMISSION LINE DUCT BANK
- UNDERGROUND OIL/WATER LINE

NOTES

1. THE VERTICAL GRID SYSTEM IS BURBANK WATER AND POWER YARD DATUM. YARD DATUM COORDINATE N 0.00, E 0.00 CORRESPONDS TO N 1885865.5435, E 6466295.8602 CALIFORNIA STATE PLANE, ZONE 5, NAD 83.
2. BACKGROUND AND GRID SCANNED FROM DRAWING EM-271-K, GENERAL PLANT BUILDINGS & GROUNDS LAYOUT. ALL COORDINATES AND DISTANCES SHALL BE FIELD VERIFIED.
3. SEE DRAWING S3001 FOR EXISTING SITE ARRANGEMENT AND TOPOGRAPHY.
4. FOR PROPOSED GRADING AND DRAINAGE SEE S3002.
5. THE LENGTH/WIDTH OF ABOVE LISTED FACILITIES CORRESPOND TO THE N-S/E-W DIRECTIONS RESPECTIVELY.

NOT TO BE USED FOR CONSTRUCTION

SEA33930 A1ASL017 E1 1=40 08/15/01 10:42:56 ACAD 15.05

NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP
C	11-1-2001	CEC DATA REQUEST RESPONSE	SAC	IMS	EL		CJS
B	10-30-2001	CEC DATA REQUEST RESPONSE	SAC	IMS	EL		CJS
A	10-22-2001	CEC DATA REQUEST RESPONSE	SAC	IMS	EL		CJS

SCALE: 1"=40' (40' 20' 0 40' 80')

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF CALIFORNIA.

SIGNED ______ DATE ______ REG NO. ______

BLACK & VEATCH CORPORATION

ENGINEER EDL DRAWN JJK CHECKED DATE

MAGNOLIA POWER PROJECT
SCPPA/CITY OF BURBANK

MPP UNIT SITE ARRANGEMENT
SITE ARRANGEMENT

PROJECT / DRAWING NUMBER: 099523-DS-S1003 REV: C

CODE AREA

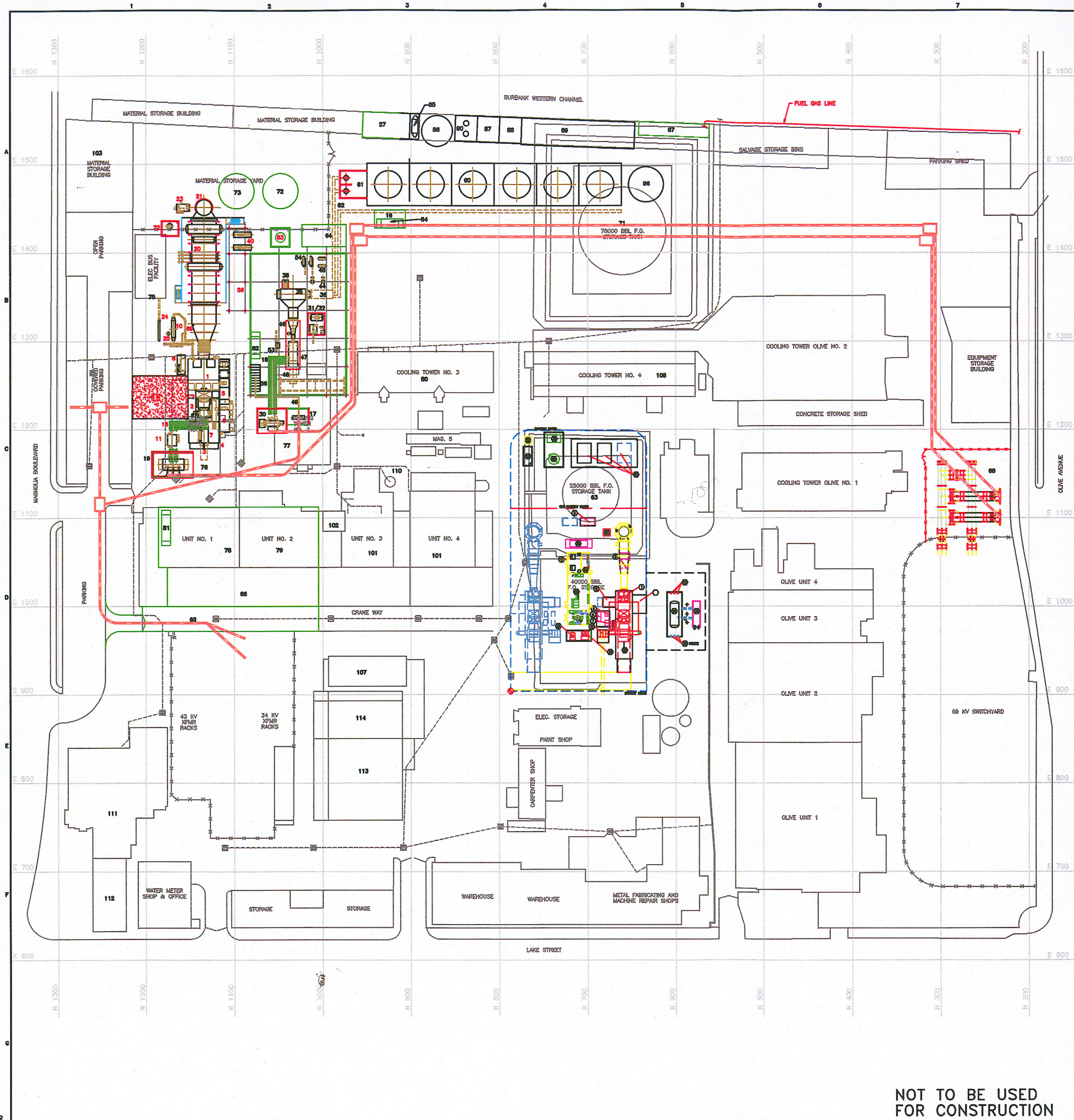
Technical Area: Visual Resources

BACKGROUND

The Facility Description of the AFC makes numerous references to an existing Unit 5. Yet no Unit 5 is depicted in Figure 3.3-1, Site – Existing Topo Plan, or subsequent figures.

Data Request 54: Please provide a new Site Existing conditions Plan that depicts and clearly labels the location of all existing Units and their principal features, including those of Unit 5.

Response: The new facilities site arrangement drawing S1003 included as part of DR #53 identifies the new plant facilities as requested. The existing facilities site arrangement drawing S1000 included as part of this response identifies the existing facilities as requested. Magnolia Unit 5 is a small simple cycle combustion turbine generating unit immediately East of steam Unit 4.



FACILITY LEGEND

ID	NEW FACILITY	BUILDING HEIGHT	BUILDING LENGTH	BUILDING WIDTH	TIEDOWN LOCATION NORTH	TIEDOWN LOCATION EAST	REMARKS
1	COMBUSTION TURBINE	31'-0"	35'-0"	36'-0"			
2	COMBUSTION TURBINE GENERATOR	27'-0"	16'-0"	34'-6"			
3	C T GENERATOR ROTOR REMOVAL						
4	COMBUSTION TURBINE INLET AIR FILTER	85'-5"	34'-0"	65'-0"			
5	C T MECHANICAL PACKAGE	19'-11"	11'-6"	13'-6"			
6	C T ELECTRICAL PACKAGE	15'-2 7/8"	12'-0"	26'-0"			
7	C T STARTER PACKAGE						
8	COMBUSTION TURBINE CO2 FIRE PROTECTION SKID						
10	C T ROTOR COOLER						
11	C T GENERATOR EXCITATION/PT COMPARTMENT						
14	COMBUSTION TURBINE MAINTENANCE AREA						
16	COOLING TOWER ELECTRICAL BUILDING	15'-0"	35'-0"	20'-0"			
17	AUXILIARY TRANSFORMER	27'-0"	13'-6"	4'-0"			
18	ISOLATED PHASE BUS DUCT						
19	C T GENERATOR STEPUP TRANSFORMER	27'-0"	33'-4"	21'-4"			
20	HEAT RECOVER STEAM GENERATOR	82'-6"	27'-6"	96'-6"			
21	HEAT RECOVERY STEAM GENERATOR EXHAUST STACK	150'-0"	19'-0"	19'-0"			
22	HRSG BLOWDOWN TANK						
23	CONTINUOUS EMMISSION MONITOR EQUIPMENT						
24	FUEL GAS HEATER						
25	FUEL GAS SCRUBBER						
27	FUEL GAS COMPRESSOR BUILDING	12'-0"	43'-6"	26'-6"			
30	STEAM TURBINE GENERATOR STEPUP TRANSFORMER	27'-0"	27'-6"	13'-0"			
31	STEAM TURBINE LUBE OIL PACKAGE						
32	STEAM TURBINE E H C UNIT						
35	CONDENSER						
36	CONDENSER TUBE REMOVAL						
38	CONDENSATE PUMP						
40	BOILER FEED PUMP						
44	CLOSED CYCLE COOLING WATER HEAT EXCHANGER						
45	CLOSED CYCLE COOLING WATER PUMP						
46	STEAM TURBINE	76'-0"	109'-0"	161'-0"			
47	STEAM TURBINE GENERATOR						
48	STEAM TURBINE ROTOR REMOVAL						
49	NON-SEG BUS DUCT						
53	GLAND STEAM CONDENSER						
54	CONDENSER EXHAUSTER						
56	CT & ST 4.16KV SWITCHGEAR						
59	PIPE SUPPORT RACK						
60	COOLING TOWER	50'-0"	288'-0"	46'-0"			
61	CIRCULATING WATER PUMPS						
62	CIRCULATING WATER PIPE						
64	DEMIN TRUCK LOCATION						
65	FUTURE PARKING						
66	NEW ADMIN BUILDING EXPANSION	41'-0"	181'-0"	112'-0"			
67	FUEL GAS REGULATOR STATION						
68	SWITCHYARD EXTENSION						
69	HRSG DUCT BURNERS						
70	STG BRIDGE CRANE						
72	DEMIN WATER TANK	40'-0"	40'-0"	40'-0"			
73	CONDENSATE STORAGE TANK	40'-0"	40'-0"	40'-0"			
81	ADMINISTRATION BUILDING 480V SUS						
82	BALANCE OF PLANT 480V SUS						
83	AMMONIA STORAGE TANK WITH SUN SHIELD						
84	COOLING TOWER 480V SUS	15'-0"	30'-0"	10'-0"			
85	SULFURIC ACID TANK WITH CONTAINMENT		35'-0" DIA.				
86	WELL WATER CLARIFIER	20'-0"					
87	HYPOCLORITE FEED PUMPS WITH CONTAINMENT						
88	WELL WATER SO2 FEED PUMPS WITH CONTAINMENT						
89	WATER TREATMENT BUILDING	20'-0"	128'-0"	34'-0"			
90	WELL WATER HYPOCLORITE TANKS WITH CONTAINMENT						
94	AMMONIA TANK						
96	WASTEWATER HOLDING TANK						

NO.	EXISTING STRUCTURES	BUILDING HEIGHT	BUILDING LENGTH	BUILDING WIDTH	TIEDOWN LOCATION NORTH	TIEDOWN LOCATION EAST	REMARKS
63	25000 BBL FUEL OIL STORAGE TANK & BERMS	52'-0"	142'-0"	200'-0"			TO BE REMOVED
71	78000 BBL STORAGE TANK AND BERMS	60'-0"	231'-0"	213'-9"			TO BE REMOVED
74	4000 BBL FUEL OIL STORAGE	10'-0"	120'-0"	141'-6"			TO BE REMOVED
75	ELECTRICAL BUS FACILITY	24'-0"	34'-10"	72'-2"			TO BE REMOVED
76	MAGNOLIA COOLING TOWER NO 1	20'-0"	54'-4"	107'-6"			TO BE REMOVED
77	MAGNOLIA COOLING TOWER NO 2	20'-0"	63'-10"	97'-0"			TO BE REMOVED
78	MAGNOLIA UNIT NO 1	41'-0"	91'-6"	67'-10"			TO BE REMOVED
79	MAGNOLIA UNIT NO 2	41'-0"	89'-6"	86'-6"			TO BE REMOVED
80	MAGNOLIA COOLING TOWER NO 3	36'-0"	154'-0"	45'-10"			TO BE REMOVED
101	MAGNOLIA UNIT NO 3	54'-0"	58'-9"	111'-0"			
101	MAGNOLIA UNIT NO 4	54'-0"	74'-2"	107'-0"			
102	ELEVATOR TOWER	82'-0"	25'-0"	22'-10"			
103	MATERIAL STORAGE BUILDING A	12'-0"	76'-6"	105'-5"			
104	MATERIAL STORAGE BUIDLING B	12'-0"	160'-5"	24'-10"			
104	MATERIAL STORAGE BUIDLING C	12'-0"	146'-4"	24'-10"			
105	PARKING SHED (QTY 2)	21'-0"	23'-10"	235'-0"			
107	RADIO SHOP (COMMUNICATION BUILDING)	14'-10"	88'-4"	34'-0"			
108	MAGNOLIA COOLING TOWER NO 4	36'-0"	183'-6"	51'-0"			
110	MAGNOLIA UNIT 3/4 STACK	150'-0"	12'-0"	12'-0"			
111	ADMINISTRATION BUILDING	37'-4"	117'-0"	147'-6"			
112	ADMINISTRATION BUILDING EXPANSION	26'-0"	38'-0"	83'-0"			
113	ELECTRIC SHOP	20'-0"	100'-6"	92'-6"			
114	ELECTRIC SHOP CRANE STRUCTURE	37'-0"	100'-6"	42'-9 1/2"			
115	TEST WELLS						

NO.	LM6000 BATTERY LIMITS
1	LM6000 GAS TURBINE GENERATOR
2	AUXILIARY SKID
3	SCR W/EXHAUST STACK
5	FUEL GAS FILTERS & REGULATORS
6	DEMINERALIZED WATER FILTERS
7	SPRINT INJECTION SKID
8	WATER INJECTION SKID
9	DUAL AIR COMPRESSORS WITH DRYER
10	OIL/ WATER SEPARATOR
11	15KV GENERATOR BREAKERS
12	AUX TRANSFORMER 13.8KV/4160V
13	AUX TRANSFORMER 4160V/480V
14	UTILITY CONTROL ROOM W/ GTG CONTROL PANEL
15	ELECTRICAL SWITCHGEAR ROOM
16	BATTERY ROOM
17	CEMS PACKAGE
19	TURBINE REMOVAL PAD
20	GENERATOR REMOVAL PAD
21	RUN OFF WATER COLLECTION SUMP
22	AMMONIA FORWARDING & OFF LOADING PUMPS
25	FUEL GAS COMPRESSORS
26	AMMONIA TANK
28	BLACK START GENERATOR
29	WATER OIL TANK 5,000 GAL
30	WASTE OIL PUMP
31	EXISTING BRINE TANK

GENERAL LEGEND

CONCRETE

NEW FACILITY

EXISTING FACILITY

NEW FENCE

EXISTING FENCE

TRANSMISSION LINE DUCT BANK

NOTES

1. THE VERTICAL GRID SYSTEM IS BURBANK WATER AND POWER YARD DATUM. YARD DATUM COORDINATE N 0.00, E 0.00 CORRESPONDS TO N 1885865.5435, E 6468295.8602 CALIFORNIA STATE PLANE, ZONE 5, NAD 83.
2. BACKGROUND AND GRID SCANNED FROM DRAWING EM-271-K, GENERAL PLANT BUILDINGS & GROUNDS LAYOUT. ALL COORDINATES AND DISTANCES SHALL BE FIELD VERIFIED.
3. SEE DRAWING S3001 FOR EXISTING SITE ARRANGEMENT AND TOPOGRAPHY.
4. FOR PROPOSED GRADING AND DRAINAGE SEE S3002.
5. THE LENGTH/WIDTH OF ABOVE LISTED FACILITIES CORRESPOND TO THE N-S/E-W DIRECTIONS RESPECTIVELY.

NOT TO BE USED FOR CONSTRUCTION

NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP
D	11-01-2001	CEC DATA REQUEST RESPONSE	SAC	HMS		CAW	
C	08-24-2001	ADDITIONAL COOLING TOWER WATER TREATMENT	SAC	HMS		CAW	
B	06-15-2001	ADDITION OF BUILDING DIMENSIONS	SLS	HMS		CAW	
A	02-15-2001	ISSUE FOR AFC SUBMITTAL	JJK	EWL		CAW	

SCALE: 1"=40'

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF CALIFORNIA.
SIGNED ______
DATE ______ REG NO. ______

BLACK & VEATCH CORPORATION
ENGINEER EWL | DRAWN JJK
CHECKED | DATE

MAGNOLIA POWER PROJECT
CITY OF BURBANK

SITE ARRANGEMENT PLAN

PROJECT / DRAWING NUMBER: 099523-DS-S1000 | REV: D
CODE | AREA

FIGURE 3.4-2

Technical Area: Visual Resources

BACKGROUND

According to the Facility Description, a new two or three-story administration building would be constructed. This building is not depicted in Figure 3.4-2. Site Arrangement. The description states that the new administration building will be an expansion of the existing distribution center. Neither the distribution center location nor footprint are clearly indicated on Figures 3.3-1 nor 3.4-2.

Data Request 55: Please indicate the location and footprint of the existing distribution center on the revised Site Existing Conditions Plan requested above.

Response: The existing distribution center is located immediately North of existing Unit 1 and is labeled with number 91 on the site arrangement drawing S1000.

Technical Area: Visual Resources

BACKGROUND

According to the Facility Description, a new two or three-story administration building would be constructed. This building is not depicted in Figure 3.4-2. Site Arrangement. The description states that the new administration building will be an expansion of the existing distribution center. Neither the distribution center location nor footprint are clearly indicated on Figures 3.3-1 nor 3.4-2.

Data Request 56: Please depict the footprint of the proposed new administration building.

Response: The new administration building will be in the area presently occupied by existing Units 1 and 2 and is labeled with number 66 on the new facilities site arrangement drawing S1003.

Technical Area: Visual Resources

BACKGROUND

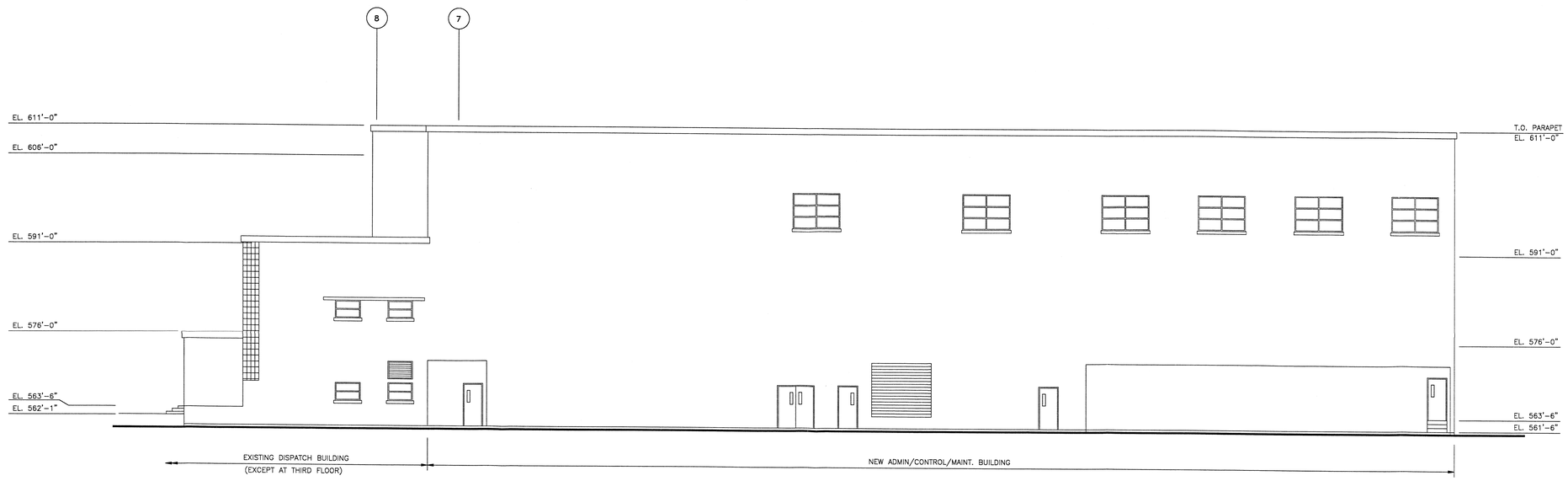
According to the Facility Description, a new two- or three-story administration building would be constructed. This building is not depicted in Figure 3.4-2. Site Arrangement. The description states that the new administration building will be an expansion of the existing distribution center. Neither the distribution center location nor footprint are clearly indicated on Figures 3.3-1 nor 3.4-2.

Data Request 57: Please provide scaled architectural elevations of the proposed new administration building, and further description of the proposed design, such as proposed architectural detail, material, and color.

Response: The new scaled administration building architectural elevations drawing A4005 is included as part of this response. The new administration building will be next to the existing dispatch building. The exterior will resemble the existing distribution building finish. Exterior walls will be covered by paneling that resembles a masonry finish or stucco finish. It is presently envisioned that the color will be a light brown similar to the existing distribution building color.

PROPOSED ELEVATION DESIGN

THE CONCEPTUAL BUILDING ELEVATIONS SHOWN WILL BE DEVELOPED TO MATCH THE ELEVATIONS OF THE EXISTING PORTION OF THE BUILDING IN CHARACTER, DESIGN THEME, MATERIALS AND COLORS. THE ELEVATIONS ARCHITECTURAL ELEMENTS SHALL COMPLEMENT THE ELEMENTS OF THE EXISTING DISPATCH BUILDING.



WEST ELEVATION

SCALE 1/8"=1'-0"

EAST ELEVATION

SCALE 1/8"=1'-0"

NOTE:
ELEVATION CHARACTERISTICS TO MATCH EXISTING BUILDING IN STYLE, MATERIALS AND COLORS.

NOT TO BE USED FOR CONSTRUCTION

NO.	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP
2	10-11-01	PERMIT SUPPORT	EDM	WM			
1	09-27-01	REV 1 - CLIENT REVIEW	EDM	WM			
0	07-10-01	CLIENT REVIEW	CPB	WM			

SCALE: 1/8"=1'-0" (8' 4' 0 8' 16')

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF CALIFORNIA.
SIGNED _____
DATE _____ REG NO. _____

BLACK & VEATCH

ENGINEER/ARCHITECT WAGIH MOUSSA | DRAWN CPB | CHECKED | DATE

MAGNOLIA POWER PROJECT
SCPPA/CITY OF BURBANK

ADMINISTRATION BUILDING
BUILDING ELEVATIONS- ARCHITECTURAL

PROJECT 099523-SA-A4005 | DRAWING NUMBER | REV 2
CODE | AREA

MOD2841 ACAD 15.05
A1ASL017 E1 1=1
09/26/01 06:36:33

Technical Area: Visual Resources

BACKGROUND

It is unclear from the Facility Description whether reclaimed water for the project will require the construction of new water supply lines.

Data Request 58: Please clarify whether new off-site reclaimed water supply lines will be required. If so, please provide a map of the route such lines are proposed to follow.

Response: The reclaim water line exists on site and is adequate for the new unit. There will not be any new off-site reclaim water line.

Technical Area: Visual Resources

BACKGROUND

It is unclear from the Facility Description of construction activities whether offsite staging for material or equipment will be required for construction. The description states that offsite staging will not be required for the electrical interconnection phase only, but does not state whether off-site staging would be required for the plant construction phase.

Data Request 59: Please clarify whether offsite staging and storage would be required during any phase of the project construction. If so, please provide a map or maps depicting all intended staging and storage locations at a scale of 1" = 100' or smaller.

Response: Two areas northeast of the site will be used for off site parking and storage of materials. Offsite staging and storage was addressed in the original AFC document. Specifically, Section 5.9 Land Use describes the offsite staging and storage areas. Maps are included at Figure 5.9-1, 5.9-2, 5.9-3, and 5.9-5. In addition, other environmental sections of the AFC discussed the offsite storage and laydown areas.

Technical Area: Visual Resources

BACKGROUND

The exact location and heights of prominent existing features on the site are necessary for purposes of comparing the anticipated effects of the new, proposed features.

Data Request 60: Please identify and indicate the location, in plan view, of the tall existing stack on the north-central portion of the facility.

Response: The existing Unit 3 and 4 stack is located between these units near the East ends of these units. It is labeled with number 110 on the site arrangement drawings.

Technical Area: Visual Resources

BACKGROUND

The exact location and heights of prominent existing features on the site are necessary for purposes of comparing the anticipated effects of the new, proposed features.

Data Request 61: Please provide the heights of the existing power blocks, stacks, and cooling towers of all existing units, including both existing Magnolia Units and Olive Units 1 through 4.

Response: See attached table for relevant data.

TABLE DR 61
DIMENSIONS OF EXISTING STRUCTURES

EXISTING FACILITIES	BUILDING HEIGHT
25,000 BBL FUEL OIL STORAGE TANK & BERMS*	52'-0"
78,000 BBL STORAGE TANK AND BERMS	60'-0"
4,000 BBL FUEL OIL STORAGE	10'-0"
ELECTRICAL BUS FACILITY	24'-0"
MAGNOLIA COOLING TOWER NO 1	20'-0"
MAGNOLIA COOLING TOWER NO 2	20'-0"
MAGNOLIA UNIT NO 1	41'-0"
MAGNOLIA UNIT NO 2	41'-0"
MAGNOLIA COOLING TOWER NO 3	36'-0"
MAGNOLIA UNIT NO 3	54'-0'
MAGNOLIA UNIT NO 4	54'-0"
MAGNOLIA COOLING TOWER NO 4	36'-0"
MAGNOLIA UNIT 3 AND 4 STACK	150'-0"
ELEVATOR TOWER	62'-0"
MATERIAL STORAGE BUILDING A	12'-0"
MATERIAL STORAGE BUILDING B	12'-0"
MATERIAL STORAGE BUILDING C	12'-0"
PARKING SHED (QTY 2)	21'-0"
RADIO SHOP (COMMUNICATION BUILDING)	14'-10"
Olive Unit 1 Stack Height	109'-0"
Olive Unit 1 Top of Elevator Tower	99'-0"
Olive Unit 1 Top of Structure	89'-0"
Olive Unit 2 Stack Height	109'-3"
Olive Unit 2 Top of Structure	91'-3"
Olive Unit 3 Stack Height	91'-3"
Olive Unit 3 Top of Structure	47'-0"
Olive Unit 4 Stack Height	76'-8"
Olive Unit 4 Top of Structure	57'6"
ADMINISTRATION BUILDING	37'-4"
ADMINISTRATION BUILDING EXPANSION	26'-0"
ELECTRIC SHOP	20'-0"
ELECTRIC SHOP CRANE STRUCTURE	37'-0"

* This structure has been removed.

Technical Area: Visual Resources

BACKGROUND

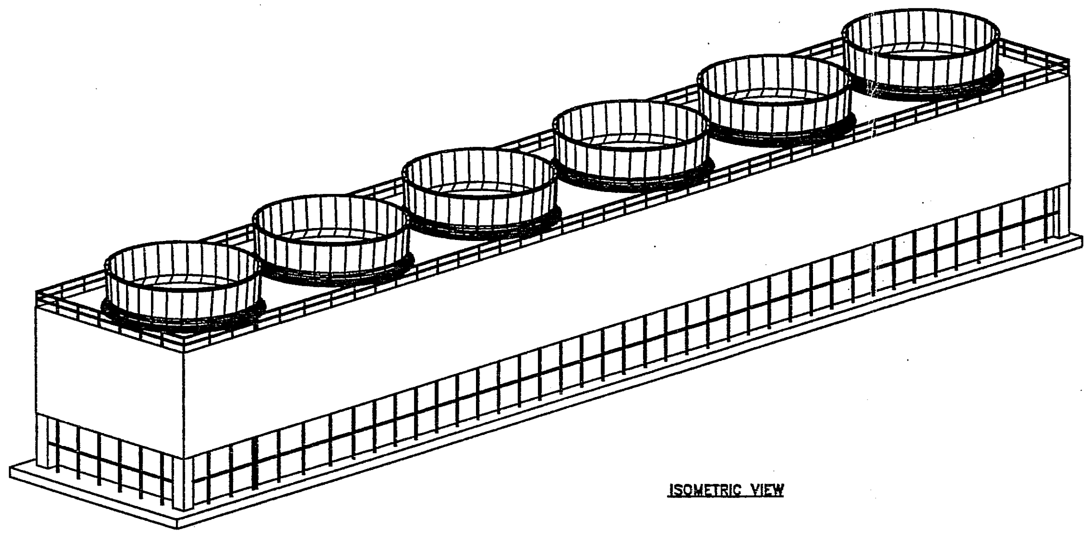
An architectural elevation of proposed cooling towers and administration building similar to that provided for the power plant in figure 3.4-3 was not provided in the AFC.

Data Request 62: Please provide architectural elevations of the proposed administration building and of the proposed cooling tower.

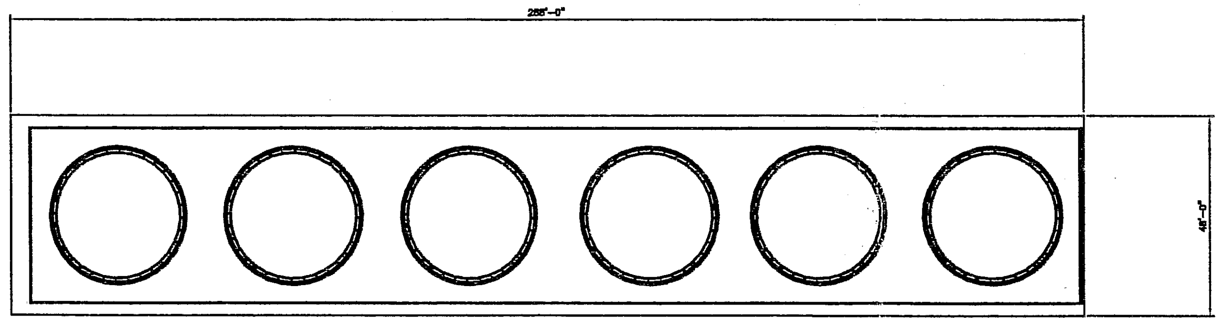
Response: The new administration building architectural elevations drawing A4005 is included as part of response DR 57. The new cooling tower architectural plan and elevations drawing A4010 is included as part of this response.

PROPOSED ELEVATION DESIGN

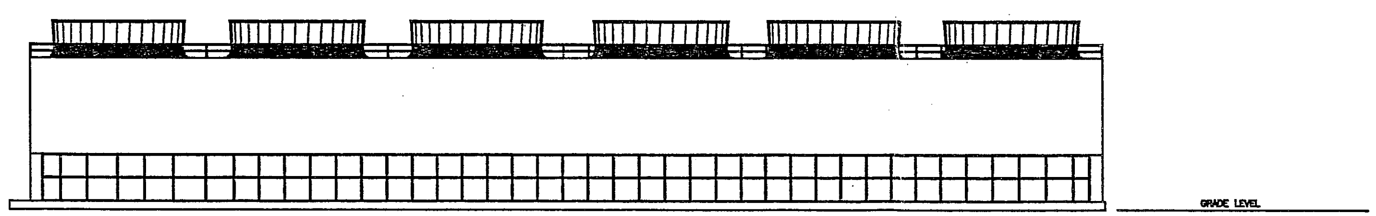
COOLING TOWERS MATERIALS AND COLORS SHALL MATCH AND BE IN HARMONY WITH THE ADJACENT BUILDINGS AND STRUCTURES.



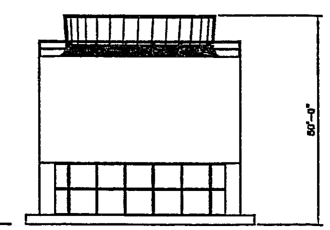
ISOMETRIC VIEW



PLAN



SIDE ELEVATION



END ELEVATION

NOT TO BE USED
FOR CONSTRUCTION

NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN/DES/CHK/PDE/APP
0	10-11-01	PERMIT SUPPORT	EDM/MMM

NO SCALE

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF CALIFORNIA.
SIGNED ______
DATE ______ REG NO. ______

BLACK & VEATCH

ENGINEER/ARCHITECT: WASH MOUMBA — DRAWN: EDM — CHECKED — DATE

MAGNOLIA POWER PROJECT
SCPPA/CITY OF BURBANK

NEW COOLING TOWER
PLAN, ELEVATIONS & ISOMETRIC – ARCH

PROJECT / DRAWING NUMBER: 099523-SA-A4010 — REV: 0

CODE
AREA

MOR02841 A1ASL017 10/11/01 E1 08:38:33 ACAD 15.05 1=1

Technical Area: Visual Resources

BACKGROUND

Reference is made to possible FAA lighting requirements that might apply to the proposed project, but there are not detailed.

Data Request 63: Please provide a detailed description of any FAA lighting or painting requirements that would apply to the proposed project.

Response: FAA does not require lighting or painting on the exhaust stacks as they do not exceed 210 feet in height.

Technical Area: Visual Resources

BACKGROUND

An evaluation of potential visible plume effects of the project requires some understanding of the baseline condition of existing visible plumes.

Data Request 64: Please provide a detailed characterization of visible vapor plumes of the existing SCPPA Magnolia facility.

Response: Please see Data Request #147.

Technical Area: Visual Resources

BACKGROUND

An evaluation of potential visible plume effects of the project requires some understanding of the baseline condition of existing visible plumes.

Data Request 65: Please identify any other existing sources of visible vapor plumes within the project viewshed.

Response: Please see Data Request #148.