(G) GENERAL 00-G-001			(S) STRUCTURAL	
	PLANT GENERAL COVERSHEET		00-S-001	PLANT GENERAL STRUCTURAL NOTES - SHEET 1
00-G-002	PLANT GENERAL BRAWING INDEX CLIEFT 1		00-S-002	PLANT GENERAL STRUCTURAL NOTES - SHEET 2
00-G-003 00-G-004	PLANT GENERAL DRAWING INDEX SHEET 1 PLANT GENERAL DRAWING INDEX SHEET 2		00-S-004 00-S-005	PLANT GENERAL CONCRETE TYPICAL DETAILS - PLANT GENERAL CONCRETE TYPICAL DETAILS -
00-G-005	PLANT GENERAL DRAWING INDEX SHEET 2 PLANT GENERAL DRAWING INDEX SHEET 3		00-S-006	PLANT GENERAL STEEL TYPICAL DETAILS - PLANT GENERAL STEEL TYPICAL DETAILS - SHEE
00-G-100	PLANT GENERAL GENERAL ARRANGEMENT SITE - OVERALL		00-S-007	PLANT GENERAL STEEL TYPICAL DETAILS - SHEE
00-G-101	PLANT GENERAL GENERAL ARRANGEMENT HARVESTING AND PRETREATMENT		00-S-008	PLANT GENERAL STEEL TYPICAL DETAILS - SHE
00-G-103	PLANT GENERAL GENERAL ARRANGEMENT SOLVENT AND ALGAE OIL STORAGE		00-S-009	PLANT GENERAL STEEL TYPICAL DETAILS - SHE
00-G-105	PLANT GENERAL GENERAL ARRANGEMENT WATER STORAGE		00-S-010	PLANT GENERAL STEEL TYPICAL DETAILS - SHE
00-G-106	PLANT GENERAL GENERAL ARRANGEMENT ALGAE LOAD-OUT		00-S-011	PLANT GENERAL STEEL TYPICAL DETAILS - SHE
00-G-107	PLANT GENERAL GENERAL ARRANGEMENT CHEMICAL STORAGE PLANT GENERAL GENERAL ARRANGEMENT LIQUID C02 STORAGE		00-S-025 00-S-026	STANDARD DETAILS STANDARD DETAILS
00-G-108 00-G-150	PLANT GENERAL GENERAL ARRANGEMENT LIQUID CO2 STORAGE PLANT GENERAL LOCATION PLAN EYE WASH, SHOWERS & UTILITY STATIONS		00-S-028	STANDARD DETAILS STANDARD DETAILS
00-G-130	PLANT GENERAL GENERAL ARRANGEMENT SECTIONS - SHEET 1		00-S-050	PLANT GENERAL STRUCTURAL SITE - OVERALL
00-G-201	PLANT GENERAL GENERAL ARRANGEMENT SECTIONS - SHEET 2		00-S-051	PLANT GENERAL STRUCTURAL SITE HARVEST
00-G-202	HYDRAULIC PROFILE LOWER PONDS DAF 1		00-S-100	PLANT GENERAL SWITCHGEAR ELECTRICAL RO
			00-5-300	PLANT GENERAL TANK, VESSEL & EQUIPMENT
			02-S-100	PRODUCTION LOWER GROWTH PONDS ELECTR
(C) CIVIL			02-S-110	STORMWATER STRUCTURAL STILLING PLANS
00-C-100	EXISTING SITE PLAN, SURVEY CONTROL PLAN AND DEMOLITION		02-S-111 02-S-112	STORMWATER STRUCTURAL STILLING SECTION STORMWATER STRUCTURAL STILLING SECTION
00-C-101	IABR SITE PLAN - GRADING AND PAVING PLAN AND AREA DESIGNATION PLAN		02-S-371	PRODUCTION PADDLE WHEEL SUPPORT STRUC
00-C-102	AREA A GRADING, PAVING AND SURVEY CONTROL		02-S-372	PRODUCTION PADDLE WHEEL STRUCTURE WIT
00-C-103	AREA B GRADING, PAVING AND SURVEY CONTROL		02-S-373	PADDLE WHEEL SUPPORT STRUCTURE - INOCUI
00-C-104	AREA C GRADING, PAVING AND SURVEY CONTROL		02-S-374	HARVEST AND RETURN STRUCTURES
00-C-105 00-C-106	AREA D GRADING, PAVING AND SURVEY CONTROL AREA E GRADING, PAVING AND SURVEY CONTROL		03-S-100	HARVEST DAF FEED PUMPS ELECTRICAL ROOM
00-C-107	YARD PIPING - AREA DESIGNATION PLAN		03-S-151	CENTRIFUGE FOUNDATION
00-C-107	AREA A-P - YARD PIPING		03-S-302	DAF FOUNDATION PLANS, SECTIONS AND DETA
00-C-109	AREA B-P - YARD PIPING		03-S-350	DAF FEED PUMP STATION
00-C-111	HARVEST AREA - YARD PIPING		03-S-351	DAF SUBNATANT PUMP STATION
00-C-112	STORMWATER RUN-OFF PLAN		03-S-500 03-S-501	FLOCCULATION TANK PLANS FLOCCULATION TANK, SECTIONS AND DETAILS
00-C-113	EAST STORMWATER DITCH DETAIL AND PROFILE.		04-S-100	EXTRACTION HARVEST/EXTRACTION ELECTRIC
00-C-114	MIDDLE STORMWATER DITCH DETAIL AND PROFILE		09-S-100	CHEMICALS AND UTILITIES FIRE WATER, WELL
00-C-115	STORMWATER DITCH CULVERTS		09-S-101	CHEMICALS AND UTILITIES ACID STORAGE ARE
00-C-116	MISCELLANEOUS CULVERTS)		09-S-102	CHEMICALS AND UTILITIES ALGAE/SOLVENTS
00-C-117 00-C-118	SECTION / HARVEST CHANNEL PARTIAL PLAN AND SECTIONS		09-S-103	CHEMICALS AND UTILITIES CAUSTIC STORAGE
00-C-118	ACCESS ROAD CROSSING BERM AT GRAVEL ROAD		09-S-104	CHEMICALS AND UTILITIES DRY POLYMER BUIL
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00-C-160	PLANT GENERAL CIVIL GRADING PLAN		09-S-106	CHEMICALS AND UTILITIES DRY POLYMER TRU
00-C-170	PLANT GENERAL CIVIL UTILITY PLAN		09-S-107 09-S-108	CHEMICALS AND UTILITIES CAUSTIC TRUCK LO CHEMICALS AND UTILITIES CHEMICAL STORAG
00-C-175	PLANT GENERAL FIRE PROTECTION HARVESTING AND EXTRACTION		09-S-108	CHEMICALS AND UTILITIES CHEMICAL STORAG
00-Č-180	PLANT GENERAL CIVIL HARVESTING ÅREA PLAN		09-S-110	CHEMICALS AND UTILITIES TANK AND EQUIPM
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00-C-301	PAVED ROAD SECTIONS		10-S-105	BUILDINGS AND STRUCTURES UTILITY BRIDGE F
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00-C-305	MISCELLANEOUS DETAILS 1		10-S-112	BUILDINGS AND STRUCTURES UTILITY BRIDGE
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02-C-206	INOCULATION PONDS PROFILE SECTIONS		PROCESS FLOW I	DIAGRAMS
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02-C-221 02-C-222 02-C-223 02-C-224 02-C-225 02-C-226 02-C-227 02-C-228 02-C-229	PRODUCTION PONDS PIPING LAYOUT 2 HARVEST AND INOCULATION PONDS PIPING LAYOUT 3 PRODUCTION PONDS PARTIAL PIPING PLAN 1 PRODUCTION PONDS PARTIAL PIPING PLAN 2 INOCULATION PONDS PARTIAL PIPING PLAN HARVEST RETURN AND INOCULATION PONDS-PARTIAL PIPING PLANS PRODUCTION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS INNOCULATION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS		02-F-232 02-F-233 02-F-234 02-F-235 02-F-236 02-F-237 02-F-238	LOWER PRODUCTION PONDS 5 LOWER PRODUCTION PONDS 6 LOWER PRODUCTION PONDS 7 LOWER PRODUCTION PONDS 8 LOWER PRODUCTION PONDS 9 LOWER PRODUCTION PONDS 10
02-C-221 02-C-222 02-C-223 02-C-224 02-C-225 02-C-226 02-C-227 02-C-228	PRODUCTION PONDS PIPING LAYOUT 2 HARVEST AND INOCULATION PONDS PIPING LAYOUT 3 PRODUCTION PONDS PARTIAL PIPING PLAN 1 PRODUCTION PONDS PARTIAL PIPING PLAN 2 INOCULATION PONDS PARTIAL PIPING PLAN HARVEST RETURN AND INOCULATION PONDS-PARTIAL PIPING PLANS PRODUCTION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS INNOCULATION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS HARVEST CHANNEL SECTIONS AND DETAILS		02-F-232 02-F-233 02-F-234 02-F-235 02-F-236 02-F-237 02-F-238 02-F-239	LOWER PRODUCTION PONDS 5 LOWER PRODUCTION PONDS 6 LOWER PRODUCTION PONDS 7 LOWER PRODUCTION PONDS 8 LOWER PRODUCTION PONDS 9 LOWER PRODUCTION PONDS 10 LOWER PRODUCTION PONDS 11
02-C-221 02-C-222 02-C-223 02-C-224 02-C-225 02-C-226 02-C-227 02-C-228 02-C-229 02-C-300	PRODUCTION PONDS PIPING LAYOUT 2 HARVEST AND INOCULATION PONDS PIPING LAYOUT 3 PRODUCTION PONDS PARTIAL PIPING PLAN 1 PRODUCTION PONDS PARTIAL PIPING PLAN 2 INOCULATION PONDS PARTIAL PIPING PLAN HARVEST RETURN AND INOCULATION PONDS-PARTIAL PIPING PLANS PRODUCTION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS INNOCULATION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS		02-F-232 02-F-233 02-F-234 02-F-235 02-F-236 02-F-237 02-F-238 02-F-239 03-F-230	LOWER PRODUCTION PONDS 5 LOWER PRODUCTION PONDS 6 LOWER PRODUCTION PONDS 7 LOWER PRODUCTION PONDS 8 LOWER PRODUCTION PONDS 9 LOWER PRODUCTION PONDS 10 LOWER PRODUCTION PONDS 11 DAF 1
02-C-221 02-C-222 02-C-223 02-C-224 02-C-225 02-C-226 02-C-227 02-C-228 02-C-229 02-C-300 03-C-160	PRODUCTION PONDS PIPING LAYOUT 2 HARVEST AND INOCULATION PONDS PIPING LAYOUT 3 PRODUCTION PONDS PARTIAL PIPING PLAN 1 PRODUCTION PONDS PARTIAL PIPING PLAN 2 INOCULATION PONDS PARTIAL PIPING PLAN HARVEST RETURN AND INOCULATION PONDS-PARTIAL PIPING PLANS PRODUCTION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS INNOCULATION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS HARVEST CHANNEL SECTIONS AND DETAILS EVAPORATION PONDS PLAN AND PARTIPLAN		02-F-232 02-F-233 02-F-234 02-F-235 02-F-236 02-F-237 02-F-238 02-F-239 03-F-230 03-F-233	LOWER PRODUCTION PONDS 5 LOWER PRODUCTION PONDS 6 LOWER PRODUCTION PONDS 7 LOWER PRODUCTION PONDS 8 LOWER PRODUCTION PONDS 9 LOWER PRODUCTION PONDS 10 LOWER PRODUCTION PONDS 11 DAF 1 SOLIDS DEWATERING
02-C-221 02-C-223 02-C-224 02-C-225 02-C-226 02-C-227 02-C-228 02-C-229 02-C-300 03-C-160	PRODUCTION PONDS PIPING LAYOUT 2 HARVEST AND INOCULATION PONDS PIPING LAYOUT 3 PRODUCTION PONDS PARTIAL PIPING PLAN 1 PRODUCTION PONDS PARTIAL PIPING PLAN 2 INOCULATION PONDS PARTIAL PIPING PLAN HARVEST RETURN AND INOCULATION PONDS-PARTIAL PIPING PLANS PRODUCTION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS INNOCULATION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS HARVEST CHANNEL SECTIONS AND DETAILS EVAPORATION PONDS PLAN AND PARTIPLAN		02-F-232 02-F-233 02-F-234 02-F-235 02-F-236 02-F-237 02-F-238 02-F-239 03-F-230	LOWER PRODUCTION PONDS 5 LOWER PRODUCTION PONDS 6 LOWER PRODUCTION PONDS 7 LOWER PRODUCTION PONDS 8 LOWER PRODUCTION PONDS 9 LOWER PRODUCTION PONDS 10 LOWER PRODUCTION PONDS 11 DAF 1 SOLIDS DEWATERING EVAPORATION PONDS
02-C-222 02-C-223 02-C-224 02-C-225 02-C-226 02-C-227 02-C-228 02-C-229 02-C-300 03-C-260	PRODUCTION PONDS PIPING LAYOUT 2 HARVEST AND INOCULATION PONDS PIPING LAYOUT 3 PRODUCTION PONDS PARTIAL PIPING PLAN 1 PRODUCTION PONDS PARTIAL PIPING PLAN 2 INOCULATION PONDS PARTIAL PIPING PLAN HARVEST RETURN AND INOCULATION PONDS-PARTIAL PIPING PLANS PRODUCTION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS INNOCULATION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS HARVEST CHANNEL SECTIONS AND DETAILS EVAPORATION PONDS PLAN AND PART PLAN EVAPORATION POND - SECTIONS		02-F-232 02-F-233 02-F-234 02-F-235 02-F-236 02-F-237 02-F-238 02-F-239 03-F-230 03-F-233 03-F-250	LOWER PRODUCTION PONDS 5 LOWER PRODUCTION PONDS 6 LOWER PRODUCTION PONDS 7 LOWER PRODUCTION PONDS 8 LOWER PRODUCTION PONDS 9 LOWER PRODUCTION PONDS 10 LOWER PRODUCTION PONDS 11 DAF 1 SOLIDS DEWATERING EVAPORATION PONDS
02-C-221 02-C-222 02-C-223 02-C-224 02-C-225 02-C-226 02-C-227 02-C-228 02-C-229 02-C-300 03-C-300 03-C-260	PRODUCTION PONDS PIPING LAYOUT 2 HARVEST AND INOCULATION PONDS PIPING LAYOUT 3 PRODUCTION PONDS PARTIAL PIPING PLAN 1 PRODUCTION PONDS PARTIAL PIPING PLAN 2 INOCULATION PONDS PARTIAL PIPING PLAN HARVEST RETURN AND INOCULATION PONDS-PARTIAL PIPING PLANS PRODUCTION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS INNOCULATION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS HARVEST CHANNEL SECTIONS AND DETAILS EVAPORATION PONDS PLAN AND PARTIPLAN EVAPORATION POND - SECTIONS		02-F-232 02-F-233 02-F-234 02-F-235 02-F-236 02-F-237 02-F-238 02-F-239 03-F-230 03-F-233 03-F-250 09-F-290	LOWER PRODUCTION PONDS 5 LOWER PRODUCTION PONDS 6 LOWER PRODUCTION PONDS 7 LOWER PRODUCTION PONDS 8 LOWER PRODUCTION PONDS 9 LOWER PRODUCTION PONDS 10 LOWER PRODUCTION PONDS 11 DAF 1 SOLIDS DEWATERING EVAPORATION PONDS PROCESS FLOW DIAGRAM INTEGRATED ALGAL
02-C-222 02-C-223 02-C-224 02-C-225 02-C-226 02-C-227 02-C-228 02-C-229 02-C-300 03-C-300 03-C-260	PRODUCTION PONDS PIPING LAYOUT 2 HARVEST AND INOCULATION PONDS PIPING LAYOUT 3 PRODUCTION PONDS PARTIAL PIPING PLAN 1 PRODUCTION PONDS PARTIAL PIPING PLAN 2 INOCULATION PONDS PARTIAL PIPING PLAN HARVEST RETURN AND INOCULATION PONDS-PARTIAL PIPING PLANS PRODUCTION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS INNOCULATION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS HARVEST CHANNEL SECTIONS AND DETAILS EVAPORATION PONDS PLAN AND PART PLAN EVAPORATION POND - SECTIONS		02-F-232 02-F-233 02-F-234 02-F-235 02-F-236 02-F-237 02-F-238 02-F-239 03-F-230 03-F-230 03-F-250 09-F-290 09-F-293	LOWER PRODUCTION PONDS 5 LOWER PRODUCTION PONDS 6 LOWER PRODUCTION PONDS 7 LOWER PRODUCTION PONDS 8 LOWER PRODUCTION PONDS 9 LOWER PRODUCTION PONDS 10 LOWER PRODUCTION PONDS 11 DAF 1 SOLIDS DEWATERING EVAPORATION PONDS PROCESS FLOW DIAGRAM INTEGRATED ALGAL FLOCCULANT STORAGE AND DISTRIBUTION
02-C-222 02-C-223 02-C-224 02-C-225 02-C-226 02-C-227 02-C-228 02-C-229 02-C-300 03-C-300 03-C-600 (A) ARCHITECTUR 00-A-100	PRODUCTION PONDS PIPING LAYOUT 2 HARVEST AND INOCULATION PONDS PIPING LAYOUT 3 PRODUCTION PONDS PARTIAL PIPING PLAN 1 PRODUCTION PONDS PARTIAL PIPING PLAN 2 INOCULATION PONDS PARTIAL PIPING PLAN HARVEST RETURN AND INOCULATION PONDS-PARTIAL PIPING PLANS PRODUCTION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS INNOCULATION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS HARVEST CHANNEL SECTIONS AND DETAILS EVAPORATION PONDS PLAN AND PART PLAN EVAPORATION POND - SECTIONS		02-F-232 02-F-233 02-F-234 02-F-235 02-F-236 02-F-237 02-F-238 02-F-239 03-F-230 03-F-230 03-F-250 09-F-290 09-F-293	LOWER PRODUCTION PONDS 5 LOWER PRODUCTION PONDS 6 LOWER PRODUCTION PONDS 7 LOWER PRODUCTION PONDS 8 LOWER PRODUCTION PONDS 9 LOWER PRODUCTION PONDS 10 LOWER PRODUCTION PONDS 11 DAF 1 SOLIDS DEWATERING EVAPORATION PONDS PROCESS FLOW DIAGRAM INTEGRATED ALGAL FLOCCULANT STORAGE AND DISTRIBUTION
02-C-222 02-C-223 02-C-224 02-C-225 02-C-226 02-C-227 02-C-228 02-C-229 02-C-300 03-C-300 03-C-260 (A) ARCHITECTUR 00-A-100 02-A-100	PRODUCTION PONDS PIPING LAYOUT 2 HARVEST AND INOCULATION PONDS PIPING LAYOUT 3 PRODUCTION PONDS PARTIAL PIPING PLAN 1 PRODUCTION PONDS PARTIAL PIPING PLAN 2 INOCULATION PONDS PARTIAL PIPING PLAN HARVEST RETURN AND INOCULATION PONDS-PARTIAL PIPING PLANS PRODUCTION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS INNOCULATION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS HARVEST CHANNEL SECTIONS AND DETAILS EVAPORATION PONDS PLAN AND PARTIPLAN EVAPORATION PONDS - SECTIONS RAL PLANT GENERAL SWITCHGEAR ELECTRICAL ROOM PLANS, ELEVATIONS AND SECTION PRODUCTION LOWER GROWTH PONDS ELECTRICAL ROOMS PLANS, ELEVATIONS AND SECTION		02-F-232 02-F-233 02-F-234 02-F-235 02-F-236 02-F-237 02-F-238 02-F-239 03-F-230 03-F-230 03-F-250 09-F-290 09-F-293	LOWER PRODUCTION PONDS 5 LOWER PRODUCTION PONDS 6 LOWER PRODUCTION PONDS 7 LOWER PRODUCTION PONDS 8 LOWER PRODUCTION PONDS 9 LOWER PRODUCTION PONDS 10 LOWER PRODUCTION PONDS 11 DAF 1 SOLIDS DEWATERING EVAPORATION PONDS PROCESS FLOW DIAGRAM INTEGRATED ALGAL FLOCCULANT STORAGE AND DISTRIBUTION
02-C-222 02-C-223 02-C-224 02-C-225 02-C-226 02-C-227 02-C-228 02-C-229 02-C-300 03-C-300 03-C-260 (A) ARCHITECTURE 00-A-100 02-A-100 03-A-101	PRODUCTION PONDS PIPING LAYOUT 2 HARVEST AND INOCULATION PONDS PIPING LAYOUT 3 PRODUCTION PONDS PARTIAL PIPING PLAN 1 PRODUCTION PONDS PARTIAL PIPING PLAN 2 INOCULATION PONDS PARTIAL PIPING PLAN HARVEST RETURN AND INOCULATION PONDS-PARTIAL PIPING PLANS PRODUCTION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS INNOCULATION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS HARVEST CHANNEL SECTIONS AND DETAILS EVAPORATION PONDS PLAN AND PART PLAN EVAPORATION POND SECTIONS RAL PLANT GENERAL SWITCHGEAR ELECTRICAL ROOM PLANS, ELEVATIONS AND SECTION PRODUCTION LOWER GROWTH PONDS ELECTRICAL ROOMS PLANS, ELEVATIONS AND SECTION HARVEST CENTRIFUGE BUILDING PLANS, ELEVATIONS AND SECTION EXTRACTION HARVEST/EXTRACTION ELECTRICAL ROOM PLANS, ELEVATIONS AND SECTION CHEMICALS AND UTILITIES DRY POLYMER BUILDING PLANS, ELEVATIONS AND SECTION		02-F-232 02-F-233 02-F-234 02-F-235 02-F-236 02-F-237 02-F-238 02-F-239 03-F-230 03-F-230 03-F-250 09-F-290 09-F-293	LOWER PRODUCTION PONDS 5 LOWER PRODUCTION PONDS 6 LOWER PRODUCTION PONDS 7 LOWER PRODUCTION PONDS 8 LOWER PRODUCTION PONDS 9 LOWER PRODUCTION PONDS 10 LOWER PRODUCTION PONDS 11 DAF 1 SOLIDS DEWATERING EVAPORATION PONDS PROCESS FLOW DIAGRAM INTEGRATED ALGAL FLOCCULANT STORAGE AND DISTRIBUTION
02-C-222 02-C-224 02-C-225 02-C-226 02-C-227 02-C-228 02-C-229 02-C-300 03-C-300 03-C-260 (A) ARCHITECTUF 00-A-100 02-A-100 03-A-101 04-A-100 09-A-100 10-A-100	PRODUCTION PONDS PIPING LAYOUT 2 HARVEST AND INOCULATION PONDS PIPING LAYOUT 3 PRODUCTION PONDS PARTIAL PIPING PLAN 1 PRODUCTION PONDS PARTIAL PIPING PLAN 2 INOCULATION PONDS PARTIAL PIPING PLAN 2 INOCULATION PONDS PARTIAL PIPING PLAN BROWN BELLANEOUS DETAILS PRODUCTION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS INNOCULATION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS HARVEST CHANNEL SECTIONS AND DETAILS EVAPORATION PONDS PLAN AND PARTIPLAN EVAPORATION PONDS PLAN AND PARTIPLAN EVAPORATION POND - SECTIONS RAL PLANT GENERAL SWITCHGEAR ELECTRICAL ROOM PLANS, ELEVATIONS AND SECTION PRODUCTION LOWER GROWTH PONDS ELECTRICAL ROOMS PLANS, ELEVATIONS AND SECTION HARVEST CENTRIFUGE BUILDING PLANS, ELEVATIONS AND SECTION EXTRACTION HARVEST/EXTRACTION ELECTRICAL ROOM PLANS, ELEVATIONS AND SECTION BUILDINGS AND STRUCTURES MAINTENANCE & SHOP BUILDING PLANS, ELEVATIONS AND SECTION BUILDINGS AND STRUCTURES MAINTENANCE & SHOP BUILDING PLANS, ELEVATIONS AND SECTION		02-F-232 02-F-233 02-F-234 02-F-235 02-F-236 02-F-237 02-F-238 02-F-239 03-F-230 03-F-230 03-F-250 09-F-290 09-F-293	LOWER PRODUCTION PONDS 5 LOWER PRODUCTION PONDS 6 LOWER PRODUCTION PONDS 7 LOWER PRODUCTION PONDS 8 LOWER PRODUCTION PONDS 9 LOWER PRODUCTION PONDS 10 LOWER PRODUCTION PONDS 11 DAF 1 SOLIDS DEWATERING EVAPORATION PONDS PROCESS FLOW DIAGRAM INTEGRATED ALGAL FLOCCULANT STORAGE AND DISTRIBUTION
02-C-222 02-C-223 02-C-224 02-C-225 02-C-226 02-C-227 02-C-228 02-C-229 02-C-300 03-C-300 03-C-260 (A) ARCHITECTUF 00-A-100 02-A-100 03-A-101 04-A-100 09-A-100 10-A-100	PRODUCTION PONDS PIPING LAYOUT 2 HARVEST AND INOCULATION PONDS PIPING LAYOUT 3 PRODUCTION PONDS PARTIAL PIPING PLAN 1 PRODUCTION PONDS PARTIAL PIPING PLAN 2 INOCULATION PONDS PARTIAL PIPING PLAN 2 INOCULATION PONDS PARTIAL PIPING PLAN BROWN BELLANEOUS DETAILS PRODUCTION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS INNOCULATION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS HARVEST CHANNEL SECTIONS AND DETAILS EVAPORATION PONDS PLAN AND PARTIPLAN EVAPORATION PONDS PLAN AND PARTIPLAN EVAPORATION POND - SECTIONS RAL PLANT GENERAL SWITCHGEAR ELECTRICAL ROOM PLANS, ELEVATIONS AND SECTION PRODUCTION LOWER GROWTH PONDS ELECTRICAL ROOMS PLANS, ELEVATIONS AND SECTION HARVEST CENTRIFUGE BUILDING PLANS, ELEVATIONS AND SECTION EXTRACTION HARVEST/EXTRACTION ELECTRICAL ROOM PLANS, ELEVATIONS AND SECTION BUILDINGS AND STRUCTURES MAINTENANCE & SHOP BUILDING PLANS, ELEVATIONS AND SECTION BUILDINGS AND STRUCTURES MAINTENANCE & SHOP BUILDING PLANS, ELEVATIONS AND SECTION		02-F-232 02-F-233 02-F-234 02-F-235 02-F-236 02-F-237 02-F-238 02-F-239 03-F-230 03-F-230 03-F-250 09-F-290 09-F-293	LOWER PRODUCTION PONDS 5 LOWER PRODUCTION PONDS 6 LOWER PRODUCTION PONDS 7 LOWER PRODUCTION PONDS 8 LOWER PRODUCTION PONDS 9 LOWER PRODUCTION PONDS 10 LOWER PRODUCTION PONDS 11 DAF 1 SOLIDS DEWATERING EVAPORATION PONDS PROCESS FLOW DIAGRAM INTEGRATED ALGAL FLOCCULANT STORAGE AND DISTRIBUTION
02-S-221 02-C-222 02-C-223 02-C-224 02-C-225 02-C-226 02-C-227 02-C-228 02-C-229 02-C-300 03-S-160 03-C-260 (A) ARCHITECTUF 00-A-100 02-A-100 03-A-101 04-A-100 09-A-100 10-A-100	PRODUCTION PONDS PIPING LAYOUT 2 HARVEST AND INOCULATION PONDS PIPING LAYOUT 3 PRODUCTION PONDS PARTIAL PIPING PLAN 1 PRODUCTION PONDS PARTIAL PIPING PLAN 2 INOCULATION PONDS PARTIAL PIPING PLAN HARVEST RETURN AND INOCULATION PONDS-PARTIAL PIPING PLANS PRODUCTION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS INNOCULATION PONDS PADDLE WHEEL SUPPORT STRUCTURE MISCELLANEOUS DETAILS HARVEST CHANNEL SECTIONS AND DETAILS EVAPORATION PONDS PLAN AND PART PLAN EVAPORATION POND SECTIONS RAL PLANT GENERAL SWITCHGEAR ELECTRICAL ROOM PLANS, ELEVATIONS AND SECTION PRODUCTION LOWER GROWTH PONDS ELECTRICAL ROOMS PLANS, ELEVATIONS AND SECTION HARVEST CENTRIFUGE BUILDING PLANS, ELEVATIONS AND SECTION EXTRACTION HARVEST/EXTRACTION ELECTRICAL ROOM PLANS, ELEVATIONS AND SECTION CHEMICALS AND UTILITIES DRY POLYMER BUILDING PLANS, ELEVATIONS AND SECTION		02-F-232 02-F-233 02-F-234 02-F-235 02-F-236 02-F-237 02-F-238 02-F-239 03-F-230 03-F-230 03-F-250 09-F-290 09-F-293	LOWER PRODUCTION PONDS 5 LOWER PRODUCTION PONDS 6 LOWER PRODUCTION PONDS 7 LOWER PRODUCTION PONDS 8 LOWER PRODUCTION PONDS 9 LOWER PRODUCTION PONDS 10 LOWER PRODUCTION PONDS 11 DAF 1 SOLIDS DEWATERING EVAPORATION PONDS PROCESS FLOW DIAGRAM INTEGRATED ALGAL FLOCCULANT STORAGE AND DISTRIBUTION

(00-S-001	PLANT GENERAL STRUCTURAL NOTES - SHEET 1	
	00-S-002	PLANT GENERAL STRUCTURAL NOTES - SHEET 2	
(00-S-002 00-S-004	PLANT GENERAL STRUCTURAL NOTES - SHEET 2 PLANT GENERAL CONCRETE TYPICAL DETAILS - SHEET 1	/
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	00-S-005	PLANT GENERAL CONCRETE TYPICAL DETAILS - SHEET 2	
	00-S-006	PLANT GENERAL STEEL TYPICAL DETAILS - SHEET 3	
(00-S-007	PLANT GENERAL STEEL TYPICAL DETAILS - SHEET 4	
(00-S-008	PLANT GENERAL STEEL TYPICAL DETAILS - SHEET 5	
(00-S-009	PLANT GENERAL STEEL TYPICAL DETAILS - SHEET 6	
(00-S-010	PLANT GENERAL STEEL TYPICAL DETAILS - SHEET 7	
	00-S-011	PLANT GENERAL STEEL TYPICAL DETAILS - SHEET 8	
	00-S-011	STANDARD DETAILS	
	00-S-026	STANDARD DETAILS	
(00-S-027	STANDARD DETAILS	
(00-S-050	PLANT GENERAL STRUCTURAL SITE - OVERALL	
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(00-S-100	PLANT GENERAL SWITCHGEAR ELECTRICAL ROOM FOUNDATION PLAN)	
	00-5-300	PLANT GENERAL TANK, VESSEL & EQUIPMENT FOUNDATIONS FOUNDATION SCHEDULE - SHEET 1	
	02-S-100	PRODUCTION LOWER GROWTH PONDS ELECTRICAL ROOMS FOUNDATION PLAN	
	02-S-110	STORMWATER STRUCTURAL STILLING PLANS	
	02-S-111	STORMWATER STRUCTURAL STILLING SECTIONS 1	
(02-S-112	STORMWATER STRUCTURAL STILLING SECTIONS 2	
(02-S-371	PRODUCTION PADDLE WHEEL SUPPORT STRUCTURE WITH INOCULATION	
(02-S-372	PRODUCTION PADDLE WHEEL STRUCTURE WITHOUT INOCULATION	
	02-S-373	PADDLE WHEEL SUPPORT STRUCTURE - INOCULATION	
	02-S-374	HARVEST AND RETURN STRUCTURES	
	03-S-100	HARVEST DAF FEED PUMPS ELECTRICAL ROOM FOUNDATION PLAN	
	03-S-151	CENTRIFUGE FOUNDATION	
(03-S-302	DAF FOUNDATION PLANS, SECTIONS AND DETAILS	
(03-S-350	DAF FEED PUMP STATION	_
(03-S-351	DAF SUBNATANT PUMP STATION	
	03-S-500	FLOCCULATION TANK PLANS	
	03-S-500 03-S-501	FLOCCULATION TANK , SECTIONS AND DETAILS	
	04-S-100	EXTRACTION HARVEST/EXTRACTION ELECTRICAL ROOM FOUNDATION PLAN	
	09-S-100	CHEMICALS AND UTILITIES FIRE WATER, WELL & POTABLE WATER TANKS FOUNDATION PLAN	
(09-S-101	CHEMICALS AND UTILITIES ACID STORAGE AREA FOUNDATION PLAN	
(09-S-102	CHEMICALS AND UTILITIES ALGAE/SOLVENT STORAGE FOUNDATION PLAN	
(09-S-103	CHEMICALS AND UTILITIES CAUSTIC STORAGE FOUNDATION PLAN	
(09-S-104	CHEMICALS AND UTILITIES DRY POLYMER BUILDING FOUNDATION PLAN	
	09-S-105	CHEMICALS AND UTILITIES ALGAE/SOLVENT LOAD/UNLOAD AREA FOUNDATION PLAN	
	09-S-106	CHEMICALS AND UTILITIES DRY POLYMER TRUCK LOAD/UNLOAD	
_	09-S-107	CHEMICALS AND UTILITIES CAUSTIC TRUCK LOAD/UNLOAD AREA	
Ţ	09-S-108	CHEMICALS AND UTILITIES CHEMICAL STORAGE AREA FOUNDATION PLAN	
(09-S-109	CHEMICALS AND UTILITIES DRY POLYMER UNLOADING RAMP	
	09-S-110 🔥	CHEMICALS AND UTILITIES TANK AND EQUIPMENT FOUNDATIONS FOUNDATION PLAN	
	09-S-190	POLYMER BUILDING TANK FOUNDATION PLANS	
	09-S-300	CHEMICALS AND UTILITIES CONCRETE SECTIONS & DETAILS - SHEET 1	
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	09-S-301	CHEMICALS AND UTILITIES DRY POLYMER UNLOADING DOCK - SECTIONS & DETAILS	
	10-S-100	BUILDINGS AND STRUCTURES MAINTENANCE & SHOP BUILDING FOUNDATION PLAN	
1	10-S-105	BUILDINGS AND STRUCTURES UTILITY BRIDGE FOUNDATION PLAN - SHEET 1	
1	10-S-111	BUILDINGS AND STRUCTURES UTILITY BRIDGE PLANS & ELEVATIONS - SHEET 1	
1	10-S-112	BUILDINGS AND STRUCTURES UTILITY BRIDGE PLANS & ELEVATIONS - SHEET 2	
1	10-S-113	BUILDINGS AND STRUCTURES UTILITY BRIDGE PLANS & ELEVATIONS - SHEET 3	
	10-S-114	BUILDINGS AND STRUCTURES UTILITY BRIDGE PLANS & ELEVATIONS - SHEET 4	
	10-S-115	BUILDINGS AND STRUCTURES UTILITY BRIDGE PLANS & ELEVATIONS - SHEET 5	
1	10-S-117	BUILDINGS AND STRUCTURES UTILITY BRIDGE PLANS & ELEVATIONS - SHEET 7	
1	10-S-118	BUILDINGS AND STRUCTURES UTILITY BRIDGE PLAN - SHEET 8	
1	10-S-119	BUILDINGS AND STRUCTURES UTILITY BRIDGE PLAN - SHEET 9	
	10-S-300	BUILDINGS & STRUCTURES UTILITY BRIDGE CONCRETE SECTIONS AND DETAILS - SHEET 1	
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1	10-S-500	BUILDINGS AND STRUCTURES UTILITY BRIDGE STEEL SECTIONS - SHEET 1	
1	10-S-500 10-S-501	BUILDINGS AND STRUCTURES UTILITY BRIDGE STEEL SECTIONS - SHEET 1 BUILDINGS AND STRUCTURES UTILITY BRIDGE STEEL SECTIONS - SHEET 2	
1 1 PRO	10-S-501 CESS FLOW D	BUILDINGS AND STRUCTURES UTILITY BRIDGE STEEL SECTIONS - SHEET 2 DIAGRAMS	
1 1 PRO	10-S-501 CESS FLOW D 00-F-100	BUILDINGS AND STRUCTURES UTILITY BRIDGE STEEL SECTIONS - SHEET 2 DIAGRAMS PROCESS FLOW DIAGRAM IABR BLOCK FLOW DIAGRAM	
1 1 PRO(10-S-501 CESS FLOW D	BUILDINGS AND STRUCTURES UTILITY BRIDGE STEEL SECTIONS - SHEET 2 DIAGRAMS	
1 1 PRO(10-S-501 CESS FLOW D 00-F-100	BUILDINGS AND STRUCTURES UTILITY BRIDGE STEEL SECTIONS - SHEET 2 DIAGRAMS PROCESS FLOW DIAGRAM IABR BLOCK FLOW DIAGRAM	
1 1 PRO((CESS FLOW D 00-F-100 01-F-210	BUILDINGS AND STRUCTURES UTILITY BRIDGE STEEL SECTIONS - SHEET 2 DIAGRAMS PROCESS FLOW DIAGRAM IABR BLOCK FLOW DIAGRAM PROCESS FLOW DIAGRAM INTEGRATED ALGAL BIOREFINERY WATER INTAKE	
1 1 2 PRO(((CESS FLOW D 00-F-100 01-F-210 02-F-220	BUILDINGS AND STRUCTURES UTILITY BRIDGE STEEL SECTIONS - SHEET 2 DIAGRAMS PROCESS FLOW DIAGRAM IABR BLOCK FLOW DIAGRAM PROCESS FLOW DIAGRAM INTEGRATED ALGAL BIOREFINERY WATER INTAKE INOCULATION AND HARVEST RETURN STORAGE POND	
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		UMENTATION DIAGRAMS
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1	00-F-301	P&ID WATER STORAGE & PUMPS
	00-F-302	P&ID PROCESS SEWER
个	01-F-313	P&ID CARBON DIOXIDE STORAGE
	01-F-314	P&ID C02 VAPOR DISTRIBUTION
	02-F-320	INOCULATION PONDS
	02-F-350	CO2 INJECTION DETAILS
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	02-F-356	LOWER PRODUCTION PONDS 02-R-0701, 0702, 0703, 0704, 0801, 0802, 0803 & 0804
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	02-F-358	LOWER PRODUCTION PONDS 02-R-1101, 1102, 1103, 1104, 1201, 1202, 1203 & 1204
\Rightarrow	02-F-359	LOWER PRODUCTION PONDS 02-R-0106, 0108, 0206 & 0208
\vdash	02-F-360	LOWER PRODUCTION PONDS 02-R-0306, 0308, 0406 & 0408
ackslash	02-F-361	LOWER PRODUCTION PONDS 02-R-0506, 0508, 0606 & 0608
_	02-F-362	LOWER PRODUCTION PONDS 02-R-0706, 0708, 0806 & 0808
-	02-F-363	LOWER PRODUCTION PONDS 02-R-0906, 0908, 1006 & 1008
┯	02-F-364	DAF FEED POND
\vdash	03-F-324	EVAPORATION PONDS
-	03-F-324 03-F-330	DAF 1 FEED SYSTEM
-	03-F-331	DAF 1 FLOTATION TANK
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-	03-F-333	
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\mathcal{A}	03-E-352	COAGULANT DISTRIBUTION P&ID LIQUID UREA STORAGE & DISTRIBUTION
ackslash	09-F-390	PAID PHOSPHORIC ACID STORAGE & DISTRIBUTION PAID PHOSPHORIC ACID STORAGE & DISTRIBUTION
4	09-F-391	
\vdash	09-F-392	P&ID SOLVENT STORAGE & DISTRIBUTION
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	09-F-395	P&ID SODIUM HYPOCHLORITE STORAGE & DISTRIBUTION
乍	09-F-396	P&ID CAUSTIC STORAGE & DISTRIBUTION
L	09-F-399	P&ID ALGAE LOAD-OUT
_لا	09-F-400	P&ID CHEMICAL UNLOAD
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	09-F-407	P&ID WELL WATER STORAGE & PUMPS
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Kori	Reference Drawings	Revisions	Revisions	SAPPHIRE ENERGY Har	ris Group Inc. PLANT GENERAL
By:	Drawing No Title	Rev Date By Description Rev	ate By Description	apphire SAPPHIRE ENERGY SAN DIEGO Har Enginee	
		A 04/06/11 MDB ISSUED FOR BID PHASE 1A		LITERAL	ering for Optimum Performance.® DRAWING INDEX
/11		B 04/20/11 MDB ADDED G-005, C-113B, C-118, & FLOW DIAGRAMS; REVISED DWG TITLES		CALIFORNIA SERVICE SER	.harrisgroup.com
/16		C 09/16/11 MDB ADDED C-119, C-120, C-200, C-201, C-202, 02-C-300, S-100, S-108,			5 1
e:		S-109, S-110, S-301, F-302, M-520; REMOVED C-113B, S-101, F-240,		Subconsultant:	Check: GLS IABR Columbus, NM.
Dat		F-214, F-242, F-292; REVISED DRAWING TITLES		Engr: MDB	Project No: I Drawing: I Rev: A I
Plot			Rev Date	App'd Client Approval Milestone Appr:	PMgr: RSM 30070.00 00-G-003