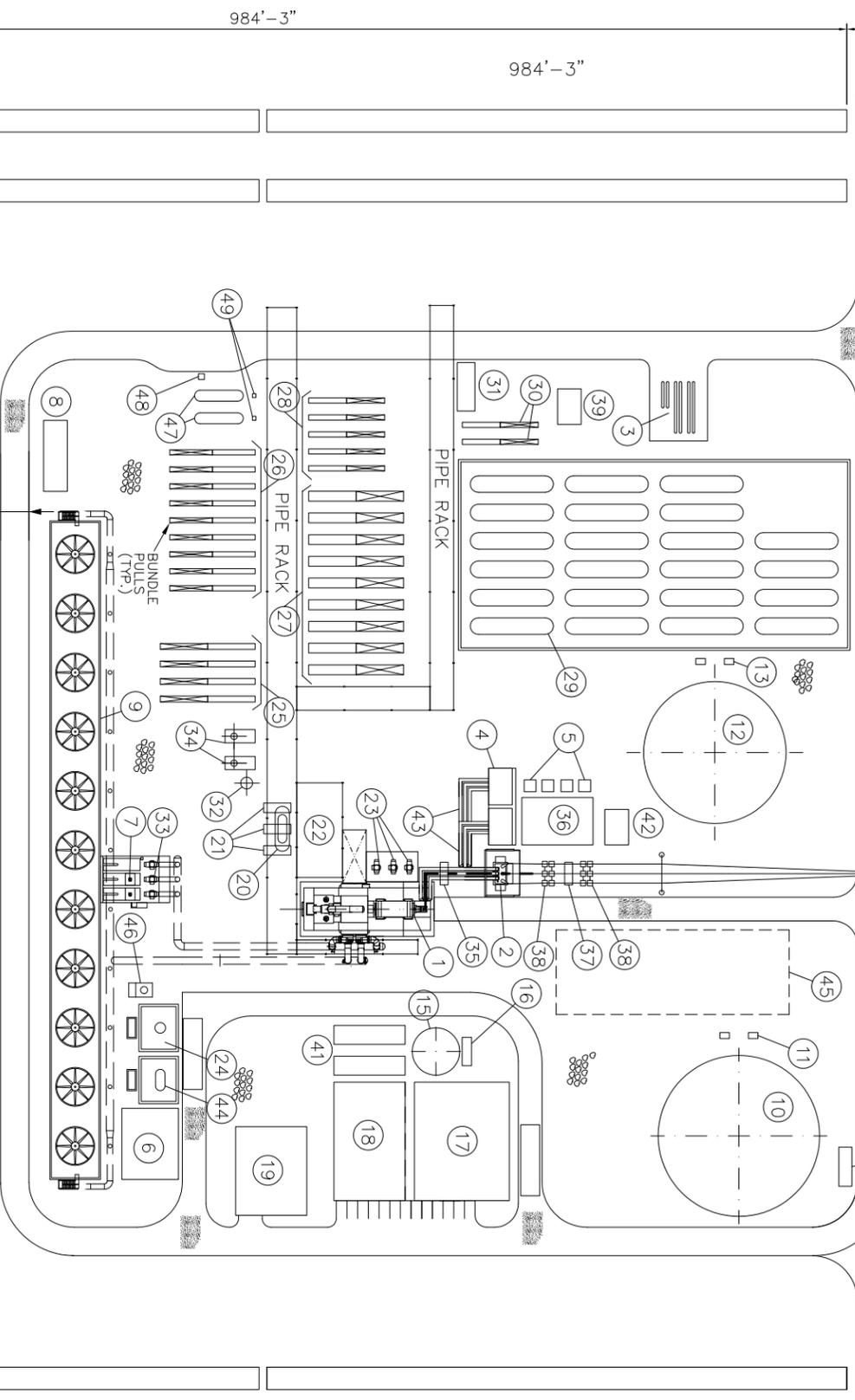


100'-0"  
 DWG: FPLS-0-SK-111-002-006  
 ACCESS ROAD  
 DIRT ROAD



PLAN

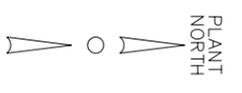
DWG: FPLS-0-SK-111-002-006

CONSTRUCTION PARKING  
 & CONTRACTOR TRAILER AREA.

EQUIPMENT DESCRIPTIONS

- 1 STEAM TURBINE/GENERATOR
- 2 GSU TRANSFORMER
- 3 GAS STORAGE AREA (NITROGEN, HYDROGEN AND CO2)
- 4 UNIT AUXILIARY TRANSFORMERS
- 5 SUS TRANSFORMERS
- 6 COOLING TOWER CHEMICAL FEED/STORAGE
- 7 COOLING TOWER AUXILIARY PUMPS
- 8 COOLING TOWER ELECTRICAL EQUIPMENT
- 9 RAW & FIRE WATER STORAGE TANK (2,840,000 GALLONS)
- 10 PROCESS WATER PUMP SKID (2,350,000 GALLONS)
- 11 PROCESS WATER STORAGE TANK (2,350,000 GALLONS)
- 12 PROCESS WATER PUMP SKID (150,000 GALLONS)
- 13 FIREWATER PUMP HOUSE
- 14 DEMIN WATER STORAGE TANK (150,000 GALLONS)
- 15 DEMIN WATER PUMP SKID
- 16 DEMIN WATER TREATMENT BUILDING
- 17 POST WATER TREATMENT BUILDING
- 18 CONTROL ROOM/ADMIN BUILDING
- 19 WAREHOUSE
- 20 DEAERATOR/STORAGE TANK
- 21 FEEDWATER PUMPS
- 22 FEEDWATER HEATERS (AREA)
- 23 CONDENSATE PUMPS
- 24 SODIUM HYPOCHLORITE ECONOMIZERS (4)
- 25 REHEATERS (18) STACKED TWO HIGH
- 26 SUPERHEATERS (9)
- 27 EVAPORATORS (5)
- 28 EXPANSION STORAGE TANKS (22)
- 29 HTF FREEZE PROTECTION HEAT EXCHANGERS (2)
- 30 HTF CIRCULATING PUMPS (6)
- 31 STEAM BLOWDOWN TANK
- 32 CIRCULATING WATER PUMPS
- 33 START-UP BOILERS (20,000 LB/HR) (2)
- 34 GENERATOR CIRCUIT BREAKER
- 35 MAIN ELECTRICAL BUILDING
- 36 MAIN CIRCUIT BREAKER
- 37 MAIN DISCONNECT
- 38 HTF PUMP PDC
- 39 CHEMICAL & HAZARDOUS MATERIAL STORAGE
- 40 DEMINERALIZED WATER TREATMENT TRAILERS
- 41 SCE STEP-DOWN TRANSFORMER (1F REOD)
- 42 ISOLATED PHASE BUS DUCT
- 43 SULFURIC ACID STORAGE TANK
- 44 PRE-TREATMENT AREA
- 45 PROPANE TANKS (2)
- 46 PROPANE TRUCK UNLOADING SKID
- 47 PROPANE VAPORIZER SKID (2)
- 48
- 49

STACK LOCATIONS	N	E
START-UP BOILER 1	640246.86	1996198.53
START-UP BOILER 2	640246.86	1996221.22
DIESEL FIRE PUMP	640675.45	1996578.25



LEGEND:

- GRAVEL
- ASPHALT
- CONCRETE

CLIENT/PROJECT TITLE  
**BEACON SOLAR LLC**  
 BEACON SOLAR ENERGY PROJECT

PROJECT MANAGER  
**WorleyParsons**  
 resources & creativity

**Zero**  
 NO TOXICITY  
 SIBS STRATEGY

REPRESENTATIVE GENERAL DESIGN  
 REVIEWED NOT CHECKED  
 APPROVED STATUS DATE  
 REPRESENTS REVISIONS AND APPROVED DESIGN. ANY PORTION MARKED "HOLD" RETAINS PRELIMINARY STATUS.

DATE DATE  
 REPRESENTS GENERAL DESIGN REVIEWED NOT CHECKED APPROVED STATUS DATE

DATE DATE  
 REPRESENTS GENERAL DESIGN REVIEWED NOT CHECKED APPROVED STATUS DATE

DATE DATE  
 REPRESENTS GENERAL DESIGN REVIEWED NOT CHECKED APPROVED STATUS DATE

DATE DATE  
 REPRESENTS GENERAL DESIGN REVIEWED NOT CHECKED APPROVED STATUS DATE

ISSUED FOR REVIEW

REV	DATE	DESCRIPTION
1	06/15/16	ISSUED FOR REVIEW

SCALE: 1" = 60'

DRAWING SIZE ARCH D (24" x 36")

WORLDWIDE DWG. NO. FPLS-0-SK-111-002-005

GENERAL ARRANGEMENT  
 POWER BLOCK  
 EQUIPMENT LAYOUT

DWG-FILE: FPLS-0-SK-111-002-003.dgn  
 DWG-DATE: 30-Nov-07 08:30

FAC	PIPING	I & C	ELECT	MECH	CIVIL	STRUC	FAC	PIPING	I & C	ELECT	MECH	CIVIL	STRUC	FAC	PIPING	I & C	ELECT	MECH	CIVIL	STRUC
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