

ISSUED FOR BID	STAGE OF PLANS	APP.
ADD - FUEL	CON. NO.	REV. NO.
27514-2000-00020	2000	01
DATE	DESCRIPTION	
03/23/05	REVISIONS PER ADDENDUM AND VE	

Burns & McDonnell
SINCE 1914

Washington Group International
Integrated Engineering, Construction and Management Solutions

Addison!

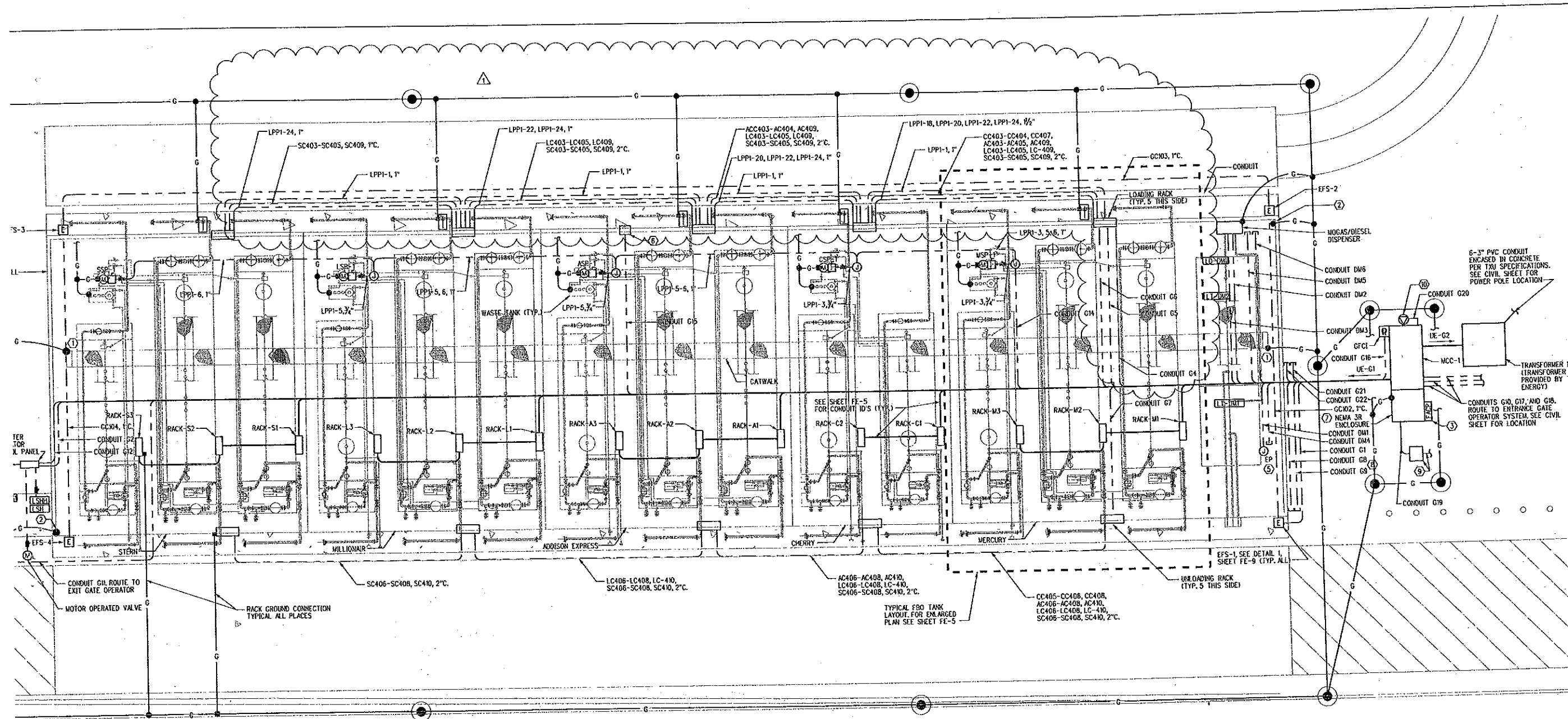
ADDITION AIRPORT
ADDITION, TEXAS

BULK FUEL STORAGE AND DISPENSING SYSTEM
ELECTRICAL SITE PLAN - TANK AREA

DESIGNER: B.E.H. CAD TECH: D.M.B.
PROJ. LEAD: J.H.B. CHECKED: D.R.V.
APPROVED: M.S.

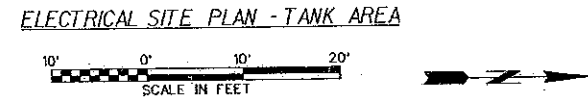
DATE: OCTOBER 25, 2004
SHEET 19 OF 33

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SHEET 19 OF 33



- NOTES:**
- SEE CIVIL SHEETS FOR AREA PLAN.
 - TANK SKID INSTRUMENTS AND EQUIPMENT NOT SHOWN ON THIS SHEET. SEE ENLARGED FBO TANK ARRANGEMENT ON SHEET FE-5.
 - SEE SHEET FE-3 FOR HAZARDOUS AREA PLAN.
 - ALL KNOWN EXISTING UNDERGROUND UTILITIES ARE SHOWN ON THE CONTRACT DRAWINGS IN ACCORDANCE WITH THE BEST AVAILABLE EXISTING INFORMATION. CONTRACTOR SHALL VERIFY, BEFORE EXCAVATION, THE EXACT LOCATION OF ALL EXISTING UTILITIES WHICH ARE IN THE PATH OF NEW CONSTRUCTION. ALL WORK ADJACENT TO THESE UTILITIES SHALL BE ACCOMPLISHED WITH CARE.
 - DAMAGE TO EXISTING UTILITIES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE DONE TO EXISTING UTILITY INSTALLATIONS DURING THE COURSE OF HIS WORK AND SHALL REPLACE ALL DAMAGED INSTALLATIONS TO THE SATISFACTION OF THE OWNER, AT THE EXPENSE OF THE CONTRACTOR. NO ADDITIONAL ALLOWANCE WILL BE GIVEN FOR FAILURE TO IDENTIFY EXISTING CONDITIONS.
 - SEE SHEET FE-7 FOR DUCTBANK SECTIONS.
 - SEE SHEET FE-3 FOR LIGHTING AND FIRE ALARM PLAN.
 - SEE SHEET FE-2 FOR POWER CIRCUIT SCHEDULE.
SEE SHEET FE-6 FOR CONTROL CIRCUIT SCHEDULE.

- KEYED NOTES:**
- GROUND CATWALK STAIRS.
 - GROUND CANOPY SUPPORT FRAME.
 - FIRE ALARM PANEL IN NEMA 3R ENCLOSURE. MOUNT ON EXTERIOR OF MCC ENCLOSURE.
 - ROUTE DUCTBANK UE-G2 TO TRANSFORMER. COORDINATE CONDUIT ENTRIES AT PAD WITH TXU ENERGY. PULL CIRCUIT PRI THROUGH CONDUITS. LANDING ON TRANSFORMER SHALL BE DONE BY TXU.
 - MOUNT EXPLOSION-PROOF JUNCTION BOX NEXT TO TANK. CONDUIT ROUTING TO TANK INSTRUMENTS NOT SHOWN. ROUTE CIRCUIT DC101 TO LD-DM1, CIRCUIT DC103 TO LT-DM1 AND CIRCUIT DC104 TO LT-DM2. SEE SHEET FE-5 FOR SIMILAR TANK LAYOUT.
 - TELEPHONE CALL BOX MOUNTED ON CANOPY SUPPORT STRUCTURE 60" ABOVE GRADE.
 - PROVIDE NEMA 3R ENCLOSURE FOR MCC-1. PROVIDE ENCLOSURE 5' MINIMUM WIDER THAN MCC-1. PROVIDE LEVEL/LEAK DETECTION PANEL, TELEPHONE BOARD AND REQUIRED DISPENSER EQUIPMENT INSIDE ENCLOSURE.
 - PROVIDE CONDUITS G8 AND G9 FOR FIRE ALARM DEVICES. SEE SHEET FE-3.
 - WEATHERPROOF PEDestal JUNCTION BOX. COORDINATE TELEPHONE JUNCTION BOX REQUIREMENTS WITH SBC. DIRECT-BURY 2'-1" CONDUITS TO SBC PHONE DROP LOCATION. COORDINATE EXACT REQUIREMENTS WITH SBC.
 - MOUNT RECEPTACLE ASSEMBLY 48" ABOVE GRADE.



DGN NA

SDATE