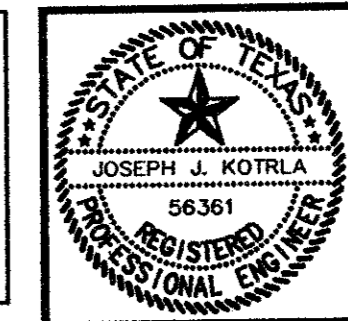


- NOTES:
- EXISTING EQUIPMENT & MATERIALS SHOWN IN LIGHT LINE, NEW WORK SHOWN IN HEAVY LINE.
  - FURNISH AND INSTALL AUTOMATIC TRANSFER SYSTEM. REF SPECIFICATION SP.43.
  - CHANGE CONNECTION OF PT'S TO LINE SIDE OF BREAKER.
  - PROTECTIVE FUNCTIONS FOR GENERATOR BREAKER SHALL BE IN NEW MULTILIN MODEL 750 FEEDER MANAGEMENT RELAY.
  - PROTECTIVE FUNCTIONS FOR UTILITY MAIN BREAKER SHALL BE IN NEW MULTILIN MODEL 750 FEEDER MANAGEMENT RELAY INCLUDING EXISTING DEVICES 51, 51N.
  - RETROFIT EXISTING SOLID STATE MOTOR PROTECTION MODULES WITH MULTILIN 469 MOTOR MANAGEMENT RELAY.
  - TO MOTOR PROTECTIVE RELAYS, RUN TO EACH 5KV MOTOR STARTER'S NEW MULTILIN 469 RELAY AND INSTALL 3 POLE 1 AMP FUSE IN EACH STARTER'S LOW VOLTAGE COMPARTMENT.

- ONE LINE DIAGRAM LEGEND
- POWER TRANSFORMER
  - 5 KV VACUUM POWER CIRCUIT BREAKER
  - CONTROL POWER (CPT) OR POTENTIAL (PT) TRANSFORMER
  - THERMAL MAGNETIC CIRCUIT BREAKER AF=FRAME SIZE, AT=AMP TRIP
  - MAGNETIC ONLY CIRCUIT BREAKER, NUMBER INDICATES CONTINUOUS CURRENT RATING
  - FUSE
  - FUSED SWITCH
  - FULL VOLTAGE, NON-REVERSING STARTER, WITH OVERLOAD RELAY, NUMBER INDICATES NEMA SIZE
  - FULL VOLTAGE, REVERSING STARTER, WITH OVERLOAD RELAY, NUMBER INDICATES NEMA SIZE
  - CONNECTION TO GROUND
  - STAB-IN CONNECTION, NUMBER INDICATES MCC UNIT DESIGNATION
  - CURRENT TRANSFORMER
  - DELTA CONNECTED TRANSFORMER WINDINGS
  - WYE CONNECTED TRANSFORMER WINDINGS
  - CONDUIT AND CABLE TAG NUMBER
  - SOLID NEUTRAL
  - SURGE CAPACITOR
  - LIGHTNING ARRESTER
  - VOLTMETER SWITCH
  - VOLTMETER
  - TWO SPEED ONE WINDING MOTOR STARTER
  - 5 KV STRESS CONE
  - KIRK-KEY INTERLOCK
  - INTERLOCK

These plans and related specifications were prepared for construction of this specific project only. Reuse of these documents is not permitted without written authorization of Shimek, Jacobs & Finklea, L.L.P.

THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.  
*David White*  
 DATE: 2-10-98



2-10-98	ADDENDUM 2	JJK
NO.	DATE	BY
<b>TOWN OF ADDISON, TEXAS</b>		
<b>CELESTIAL ROAD PUMP STATION ADDITIONS</b>		
<b>ONE LINE DIAGRAM</b>		
<b>SHIMEK, JACOBS &amp; FINKLEA, L.L.P.</b>		
CONSULTING ENGINEERS Dallas, Texas		
DESIGNED BY: J.J.K.	PROJECT: 97 180	SHEET NO. 7
DRAWN BY: C.C.C.	DATE: JANUARY, 1998	OF 7 SHEETS