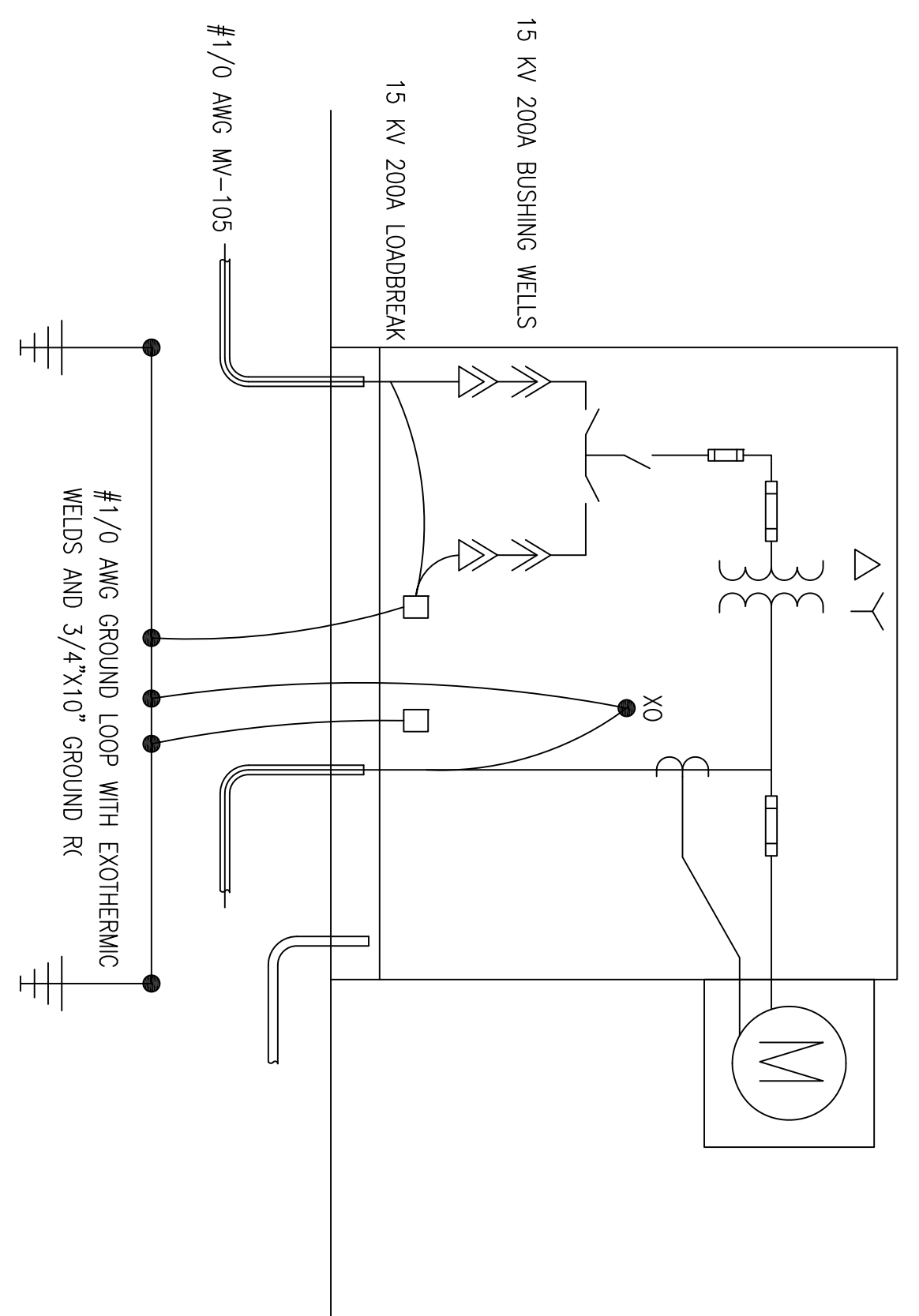
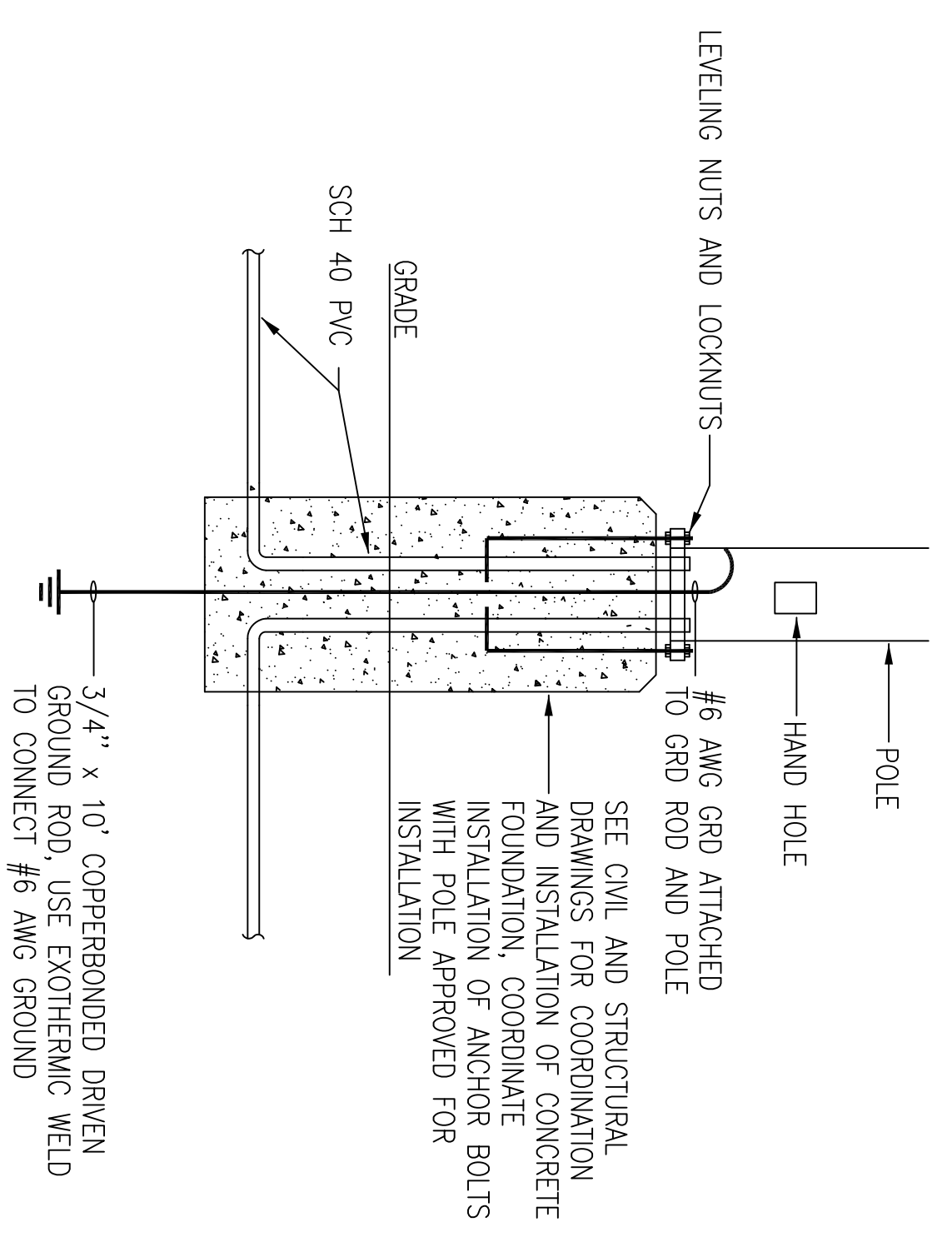


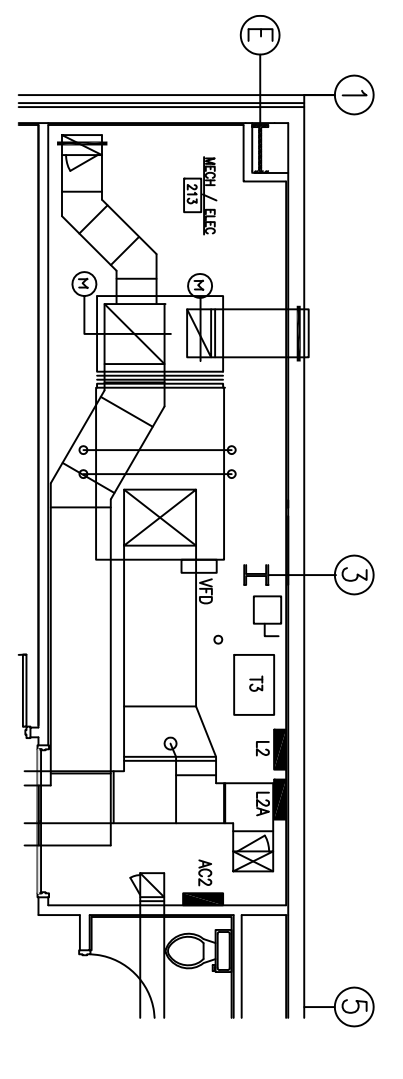
EQUIPMENT YARD DETAIL
SCALE: 1/4"=1'-0"
PLAN NORTH



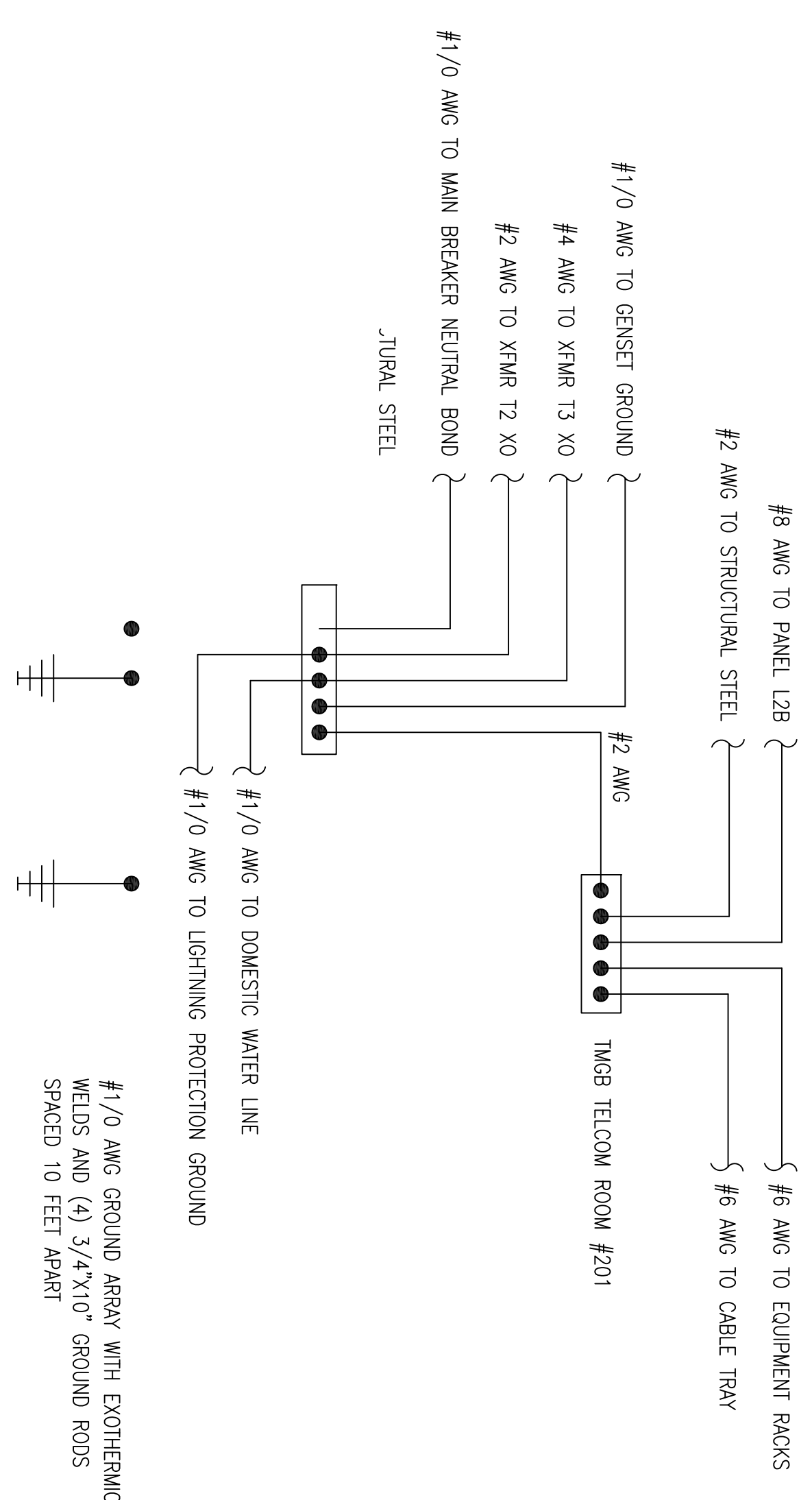
PAD-MOUNT TRANSFORMER T1 DETAIL
NO SCALE



LIGHT POLE INSTALLATION DETAIL
NO SCALE



MECH/ELEC ROOM 213 ENLARGED FLOOR PLAN-POWER
SCALE: 1/4"=1'-0"



GROUNDING DIAGRAM
NO SCALE

SPECIFIC NOTES: THIS SHEET:

- ① 30A, NEMA-3R UNFUSED DISCONNECT. PROVIDE FINAL CONNECTIONS TO CHILLED WATER PUMP. ROUTE 3/4"C. 3-#10 AWG AND 1-#10 GRD TO VFD LOCATED IN MECH ROOM #214. SEE CONTINUATION SHEET E4.1.
- ② 200A, NEMA-3R UNFUSED DISCONNECT. 1-1/2"C. 3-#1 AWG AND 1-#6 GRD. PROVIDE FINAL CONNECTIONS TO CHILLER STARTER.
- ③ 2-2"C ROUTED TO MAIN ELEC ROOM #213 FOR ANTENNA CABLING BY OWNER. SEE SHEET ES.1 FOR FURTHER INFORMATION ON ROUTING TO RADIO ROOM #202.
- ④ 2-3"C:4-250 KCMIL AND 1-#2 GRD. ROUTE FROM 450A MAIN DISCONNECT IN GENERATOR TO TRANSFER SWITCH IN MAIN ELEC ROOM #113.
- ⑤ 1-1"C: CONTROL WIRING FOR GENERATOR START/STOP. ROUTE TO TRANSFER SWITCH IN MAIN ELEC ROOM #113.
- ⑥ 1"C. 4-#8 AWG AND 1-#10 GRD. PROVIDE FINAL CONNECTIONS TO LOAD CENTER PROVIDED IN GENERATOR. VERIFY FACTORY PROVIDED BRANCH CONNECTIONS TO COOLANT AND ALTERNATOR HEATERS, AND BATTERY CHARGER.
- ⑦ ONAN DODAA 250KW STANDBY GENERATOR, DIESEL DRIVEN, WITH 400 GALLON SUB-BASE FUEL TANK, SOUND ATTENUATED WEATHERPROOF ENCLOSURE, CRITICAL GRADE EXHAUST SILENCER, AND 450A MAIN CIRCUIT BREAKER.

THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY OR UNDER OUR DIRECT SUPERVISION AND TO OUR KNOWLEDGE THEY COMPLY WITH ALL REGULATORY REQUIREMENTS. WE ARE NOT GENERALLY ADMINISTERING THE WORK.

SCHLAFLY ENGINEERING LLC
9-4-09
PER: [Signature]
REG. # 27699

<p>DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST NAVAL AIR STATION JACKSONVILLE MISSISSIPPI</p> <p>JOHN C. STENNIS SPACE CENTER SOF RIVERINE AND COMBATANT CRAFT OPERATIONS FACILITY ELECTRICAL DETAILS</p>	<p>RES. K. SCHLAFLY (DRW. K. SCHLAFLY) REVIEWED BY: R. WILSON P.N./CHK. T. JARRE CHIEF ENGR/ARCH. P. DAMON</p>	<p>STATE OF LOUISIANA M. KIMBALL SCHLAFLY REG. NO. 27699 PROFESSIONAL ENGINEER IN ELECTRICAL ENGINEERING</p>	<p>SCHLAFLY ENGINEERING LLC 121 SOUTH GENOIS STREET NEW ORLEANS, LA 70119 PHONE: 504-885-1244 FAX: 504-885-1980 M. KIMBALL SCHLAFLY, P.E. LA REG. 27699</p>	<table border="1"> <thead> <tr> <th>SYM</th> <th>DESCRIPTION</th> <th>DATE</th> <th>APPR</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	SYM	DESCRIPTION	DATE	APPR				
SYM	DESCRIPTION	DATE	APPR									