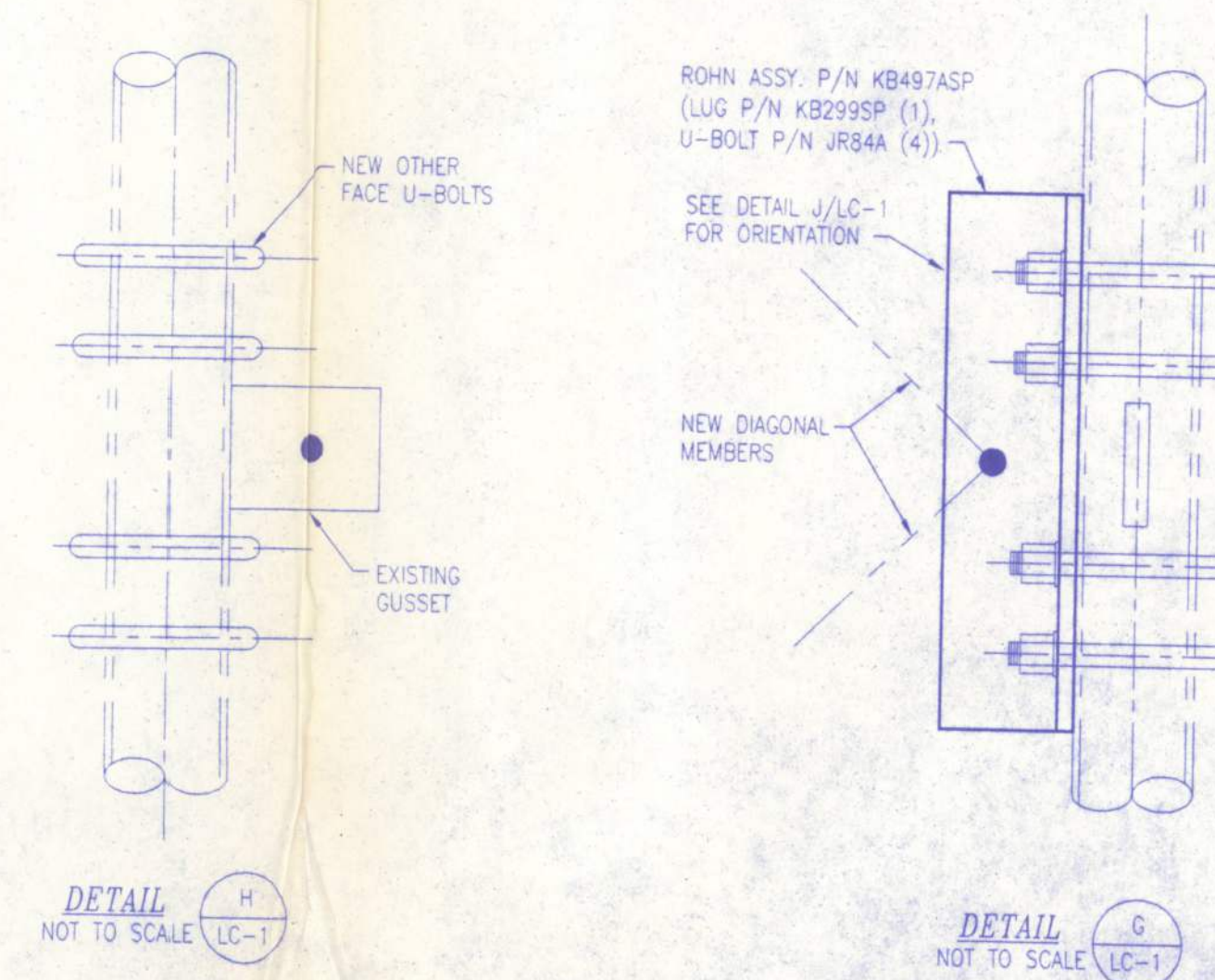
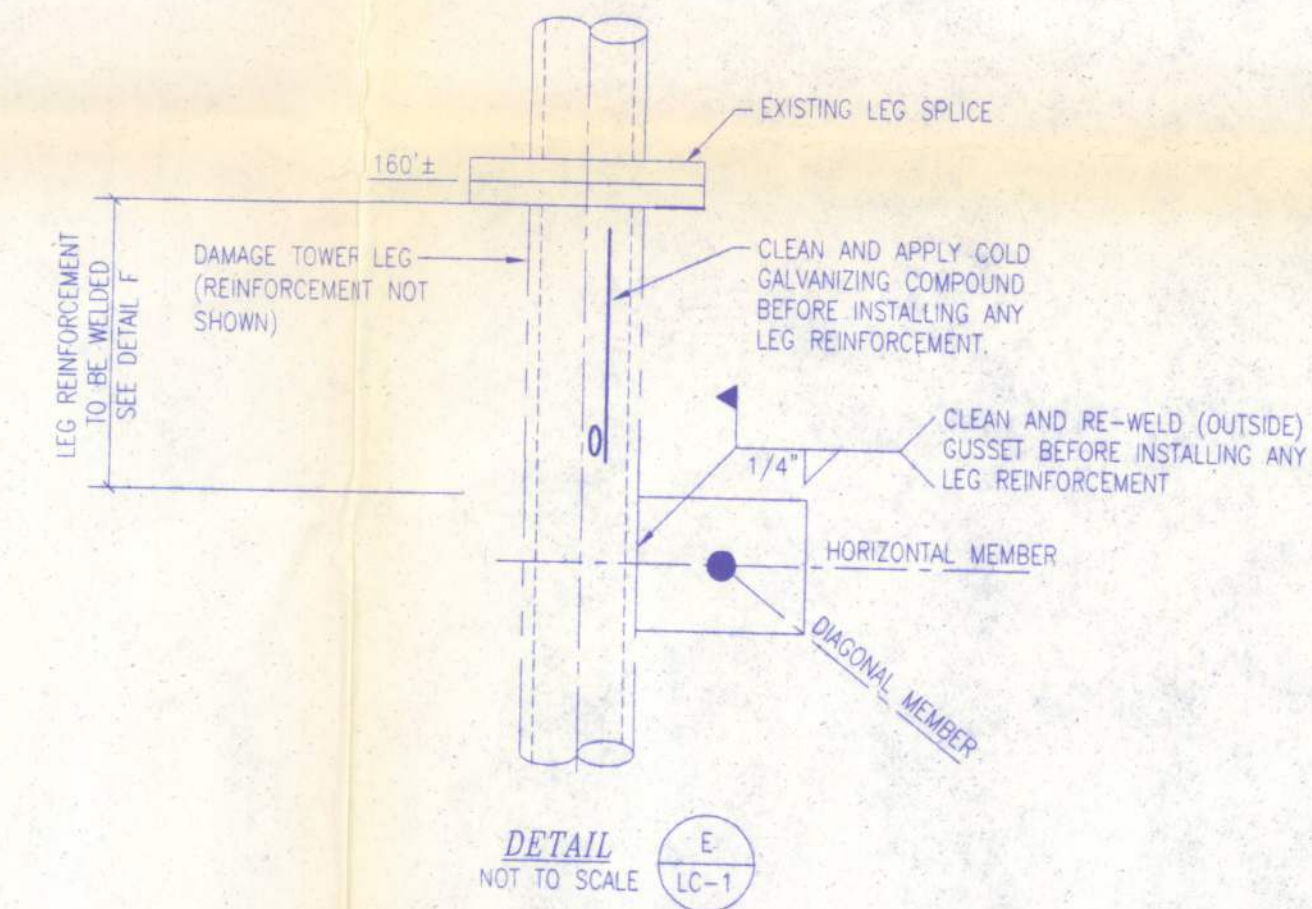


- REPAIR CRITERIA**
- THIS TOWER HAS NOT BEEN ANALYZED AND ITS STRENGTH CONDITION IS UNKNOWN. THE TOWER WAS INSPECTED FOR CONDITION AND THE INSPECTION REPORT WAS ISSUED ON JANUARY 26, 2012. THE REINFORCEMENT SHOWN ON THIS DRAWING WAS DESIGNED AS A TEMPORARY MODIFICATION ONLY. THE REINFORCEMENT HAS BEEN DESIGNED TO MAKE THE DAMAGED TOWER SECTION STRONGER. THE TOWER SHOULD BE INSPECTED FOR MAINTENANCE PURPOSES ON A ROUTINE BASIS AND AFTER EXTREME STORM CONDITIONS.
- GENERAL NOTES**
- MATERIALS:**  
U-BOLTS AND PLATES ASTM A36  $F_y = 36.0$  KSI  
BEARING BAR AND PIPE  $F_y = 50.0$  KSI  
WELD ELECTRODES E70 SERIES
- BOLTS**
    - ALL BOLTS 1/2" DIA. AND LARGER, SHALL BE A325 AND FURNISHED WITH A HEAVY HEX NUT, HEAVY ROUND WASHER, AND HEAVY "PALNUT", ALL HOT DIPPED GALVANIZED.
    - U-BOLTS SHALL BE FURNISHED WITH HEAVY WASHERS, HEAVY HEX NUTS AND "PALNUTS", ALL HOT DIPPED GALVANIZED.
  - FABRICATION**
    - ALL STEEL FABRICATION SHALL BE DONE IN ACCORDANCE WITH AISC "STEEL CONSTRUCTION MANUAL", LATEST EDITION.
    - ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS STRUCTURAL WELDING CODE D1.1 LATEST EDITION. WELDER MUST HOLD CURRENT CERTIFICATION FOR WELD BEING USED.
    - ALL WELDED CONNECTIONS SHALL BE "SEAL" WELDED TO PREVENT WEEPING OF RUST FROM CONNECTIONS.
    - ALL STEEL MATERIAL SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123. AFTER GALVANIZING, ALL THREADED AND OTHER ITEMS SHALL BE PROPERLY CLEANED. ALL BURRS, ETC. SHALL BE REMOVED FROM ALL GALVANIZED MATERIAL PRIOR TO SHIPMENT. DRAIN HOLES SHALL BE PROVIDED FOR CLOSED SECTIONS.
    - SLOTTED HOLES MAY NOT BE USED UNLESS SPECIFICALLY SHOWN ON THESE DRAWINGS.
    - DUE TO THE ABSENCE OF ORIGINAL DRAWINGS AND DIMENSIONS ON THIS TOWER, THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS SHOWN ON THESE DRAWINGS.
    - CONTRACTOR SHALL VERIFY ROHN PART NUMBERS PRIOR TO ORDERING. THE PARTS SHALL BE INSTALLED IN ACCORDANCE WITH ROHN RECOMMENDATIONS.
  - ERECTION**
    - FIELD DRILLED HOLES, WELDS AND CUTS SHALL BE GIVEN TWO (2) COATS OF COLD GALVANIZING COMPOUND Z.R.C. THE SURFACE PREPARATION AND APPLICATION SHALL BE IN ACCORDANCE WITH MANUFACTURE'S RECOMMENDATIONS.
    - PROVIDE TEMPORARY BRACING WHEN REMOVING OR RELOCATING EXISTING BRACING MEMBERS. WORK STARTED ON ANY MEMBER SHALL BE CARRIED TO COMPLETION BEFORE THE END OF EACH WORK DAY. THE SAFETY AND STABILITY OF THE TOWER IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
    - WHERE FIELD WORK IS CARRIED OUT NEAR EXISTING COAX AND ANTENNAS, EXTREME CARE SHALL BE EXERCISED AND PROTECTION PROVIDED AS REQUIRED TO PREVENT DAMAGE TO TRANSMISSION EQUIPMENT OR INTERRUPTION OF TRANSMISSION SERVICE.
    - WHERE EXISTING COAX, WAVEGUIDE, ANTENNAS, ETC. INTERFERE WITH THIS MODIFICATION WORK, THEY SHALL BE RELOCATED AND PROPERLY SECURED. WHERE NECESSARY, THEY SHALL BE TEMPORARILY RELOCATED AND SECURED. AFTER THE WORK IS COMPLETE THEY SHALL BE INSTALLED IN THEIR FINAL LOCATION AND PROPERLY SECURED. THE FACE MOUNTED CLIMBING LADDER AND TRANSMISSION LINES ARE NOT SHOWN ON THE DRAWING.
    - NO TOWER STRENGTHENING WORK SHALL BE STARTED IF STRONG WIND OR GUSTS ARE EXPECTED OR EXPERIENCED.
    - PAINT NEW STEEL TO MATCH EXISTING PER FAA REQUIREMENTS.
    - UNUSED EQUIPMENT AND TRANSMISSION LINES SHALL BE REMOVED. VERIFY WITH OWNER.



<b>Pate Engineering Inc.</b> 13540 N. FLORIDA AVE. SUITE 203 TAMPA, FLORIDA 33613 813-960-0002 FL Certificate of Authorization #4524		<b>MOD. TO EXISTING</b> 300 FT. GUYED TOWER LAKE CITY FHP FOR CITY OF LAKE CITY	
<b>GENERAL ARRANGEMENT, DETAILS, AND NOTES</b>		<b>DRAWING NO.</b> LC-1 OF 1	
<b>JOB NUMBER</b> 12-103		<b>REV.</b> 0	
<b>DRAWING TITLE</b> GENERAL ARRANGEMENT, DETAILS, AND NOTES		<b>JOB TITLE</b> MOD. TO EXISTING 300 FT. GUYED TOWER LAKE CITY FHP FOR CITY OF LAKE CITY	
<b>DESIGNED BY</b> RR		<b>CHECKED BY</b> RR	
<b>DRAWN BY</b> HC		<b>APPROVED BY</b> RR	
<b>FOR APPROVAL</b> 2/15/12		<b>DATE</b> 2/15/12	
<b>DESCRIPTION</b> A		<b>REVISION</b> 0	
<b>DATE</b> 2/15/12		<b>DATE</b> 2/15/12	