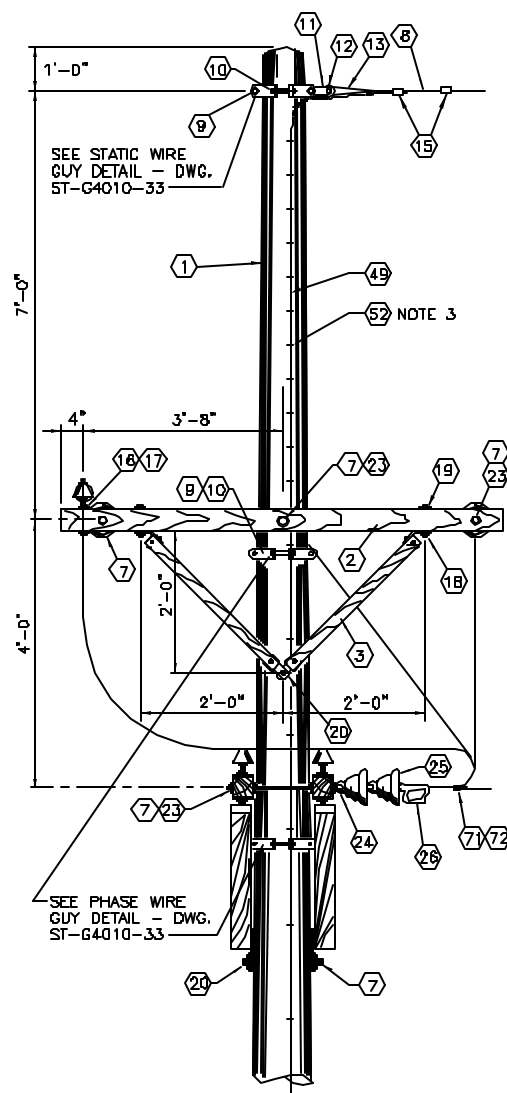
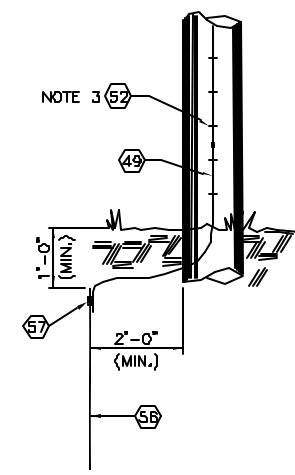
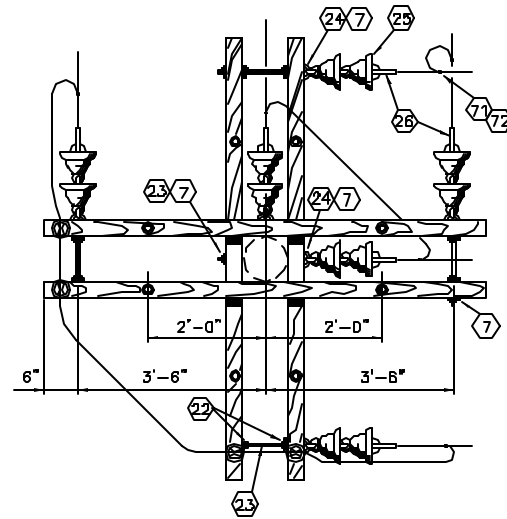


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**90° CORNER STRUCTURE DETAIL**  
SCALE: NONE



**GROUNDING DETAIL**  
SCALE: NONE



**GENERAL NOTES:**

1. CONSTRUCTION FOR WIRE SIZES #4 SOLID COPPER TO #3/0 ACSR (6/1).
2. GROUND OVERHEAD STATIC AT EVERY POLE (SEE GROUNDING DETAIL).
3. STAPLES ON GROUND WIRE SHALL BE 2'-0" APART EXCEPT FOR A DISTANCE OF 8'-0" ABOVE GROUND AND 8'-0" FROM TOP OF POLE WHERE THEY SHALL BE 6" APART.
4. FOR BILL OF MATERIALS, SEE DWG. ST-G4010-15, SHT. 2 OF 2.
5. EQUIPMENT ITEM NUMBERS ((1)) REFER TO EQUIPMENT NUMBERS IN LANL SUPPORT SERVICES CONTRACTOR'S MASTER BILL OF MATERIALS. ONLY THOSE NUMBERS USED ON THIS DRAWING ARE SHOWN.

NOTES FOR DESIGNER:  
(DO NOT INCLUDE ON CONSTRUCTION DRAWING)

1. COMPLY WITH CURRENT EDITION OF LANL DRAFTING MANUAL FOR CALL-OUTS PROTOCOL AND LOCATION OF SCHEDULES/MATERIAL.
2. ASSIGN AN APPROPRIATE DRAWING NUMBER PER CURRENT EDITION OF LANL DRAFTING MANUAL PROTOCOL FOR DETAILS.

DRAWING DEVELOPED FOR ML-3/ML-4 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE).

NO	DATE	CLASS REV	DESCRIPTION	OWN	VER	CHKD	SUB	APP	
 <b>FACILITY &amp; WASTE OPERATIONS SYSTEMS ENGINEERING &amp; MAINTENANCE</b>									
<b>LANL ENGINEERING MANUAL SITE ELECTRICAL DISTRIBUTION STDS.</b>				DRAWN	M. BAKER				
DISTRIBUTION 90° CORNER STRUCTURE DETAIL				DESIGN	D. BRYANT				
				CHECKED	J. LANDMAN				
				DATE	8/30/02				
BLDG. X				TA-X					
SUBMITTED				APPROVED FOR RELEASE					
DISCIPLINE POCI DAVID POWELL				STANDARDS MANAGER TOSH GRUCH					
				SHEET					
				1					
				1 of 2					
CLASSIFICATION U				REVIEWER	MICHAEL LADACH			DATE	8/30/02
PROJECT ID				DRAWING NO		REV			
CHAPTER 7				ST-G4010-15		0			