



DETAIL 1
GUYS ATTACHED TO DIFFERENT STRUCTURES

CONDUCTORS AND CABLES	CLEARANCE	
	VERTICAL TO GUY WIRE (FT.)	HORIZONTAL TO GUY WIRE (FT.)
GUYS, MULTI-GROUNDED NEUTRALS	2	2
COMMUNICATION CIRCUITS.	2	5
0-750 VOLT (PHASE TO GROUND)	2	5
751 VOLTS-22KV (PHASE TO GROUND)	4	5
23-40 KV (PHASE TO GROUND)	5	5
41-80 KV (PHASE TO GROUND)	6	7

REFERENCE NESC TABLE 233-1

TABLE 1
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GENERAL NOTES:

1. ALL CLEARANCES LISTED ARE PER NESC 2017.

CODED NOTES:

- (A) CLEARANCE MUST BE MAINTAINED WHEN THE CONDUCTORS ARE AT THEIR MAXIMUM WIND DISPLACED POSITION. REFER TO NESC RULE 233 FOR CONDUCTOR MOVEMENT ENVELOPES.
- (B) THE VERTICAL CLEARANCES FOR DOWN GUYS MAY BE REDUCED BY 25% WHEN USING A GUY INSULATOR. SPAN GUY CLEARANCES MAY NOT BE REDUCED BY THE USE OF GUY INSULATORS. REFER TO NESC RULE 233 AND TABLE 233-1 FOR CLEARANCE REQUIREMENTS.

CITY OF COLUMBUS, OHIO DEPT. OF PUBLIC UTILITIES - DIVISION OF POWER		
CLEARANCE BETWEEN GUYS & LINE CONDUCTORS ATTACHED TO DIFFERENT STRUCTURES		
DRAWN BY: AEC	DATE: 01/01/2018	TDMIS-603
APPROVED: <i>[Signature]</i>		
SCALE: NTS	SHEET: 1 OF 1	