

AS-BUILT PLANS 12/12/12

DATE### #USER#	TIME### #PRF# ##PENTABLE##	#DGN#	STATE GA	PROJECT NUMBER	SHEET NO. TOTAL SHEETS
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**TYPICAL DETAIL 'A'**  
TYPICAL POWER SEPARATION AT POLE

**TYPICAL DETAIL 'B'**  
SEPARATION REQUIREMENTS FOR MID-SPAN AND AT CROSSINGS

THE VERTICAL SEPARATION FROM NEUTRAL CONDUCTORS SHALL BE INCREASED SO THAT THE LOWEST POINT OF THE NEUTRAL CONDUCTOR ON THE SPAN OR AT THE CROSSING WILL BE AT LEAST 30 INCHES ABOVE THE COMMUNICATION CABLE ATTACHMENT LEVEL. LINE OF SIGHT AS ILLUSTRATED ABOVE.

**TYPICAL DETAIL 'C'**  
STREET LIGHT BRACKET SEPARATION  
NOTE: SEE TABLE BELOW

  

**TYPICAL DETAIL 'D'**  
TYPICAL TRANSFORMER AND POWER RISER SEPARATION WITHOUT GUARD ARM

**TYPICAL DETAIL 'E'**  
TYPICAL DISCONNECT BOX INSTALLATION

  

**VERTICAL CLEARANCES AT THE POLE FOR SPAN WIRES AND BRACKETS FOR STREET LIGHTS (RULE 238C)**

TYPE OF CLEARANCE	CLEARANCE (IN)		
	IF EFFECTIVELY GROUNDED	FOR LUMINAIRES UP TO OVER 150V	IF NOT EFFECTIVELY GROUNDED FOR TROLLEY CONDUCTORS
ABOVE COMMUNICATION CROSSARMS	20 (A)	20 (A)	20 (A)
BELOW COMMUNICATION CROSSARMS	24	24	24
ABOVE COMMUNICATION CABLES	4	20 (A)	12
BELOW COMMUNICATION CABLES	4	20	12
FROM COMMUNICATION TERMINAL BOXES	4	20 (A)	12 (B)
FROM COMMUNICATION BRACKETS BRIDGE WIRE RINGS AND DRIVE HOOKS	4	16 (A)	4

NOTES A. MAY BE REDUCED TO 12 IN. FOR WIRES OR PARTS OF BRACKETS 40 IN. OR MORE FROM SURFACE OF POLE.  
B. IF OBTAINABLE IF NOT, MAXIMUM OBTAINABLE.

  

3/11/2007  
GPLM

**GEORGIA**  
DEPARTMENT  
OF  
TRANSPORTATION

-NO SCALE-

  

	REVISION DATES 06/2000	STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION OFFICE: TRAFFIC OPERATIONS SIGNAL PLANS UTILITY CLEARANCE DETAILS DECEMBER 1998
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*Guidelines For Usage On Metric Projects*  
When these details are incorporated into plans and/or projects that are being prepared or constructed in metric units, exact or precise conversion to metric units is not required. The dimensions shown that are in feet and inches may be converted to corresponding metric units using the following: \*Rounded Off\*\* conversion factors: 1"=25mm, 4"=100mm, and 12" or 1'-300mm. All measurement notes that refer to linear feet and square yards shall be interpreted to mean linear meters and square meters.