"SAMPLE AERIAL WIRE/CABLE PROFILE VIEW ONLY"

This sample drawing is to illustrate the basic information required. Your drawing must be "site specific," and no larger than 11"X17"

ALL INFORMATION ON IN THIS SAMPLE DRAWING, INCLUDING THE TABLE, ARE REQUIRED ON YOUR DRAWING TO BE SUBMITTED TO IMG Rail Consulting.

LEGEND

Letter	Description
(a)	Distance from centerline of track to railroad R2
(b)	Distance from pole to centerline of nearest track
(c)	Distance from top-of-rail to bottom-of-sag
(d)	Distance between existing and proposed cable/wireline

WIRE/CABLE DETAILS

Type: ☐ Electric ☐ Communications ☐ Cable TV ☐ Other Describe: _____

Conductor Material(s): ☐ Aluminum/Copper ☐ Fiber Optic ☐ Other Describe: _____

	Wire/Cable 1	Wire/Cable 2	Wire/Cable 3
Fiber Cable Count:			
Wire Size/Pair:			
Voltage:			
If options above not applicable, describe:			
Number of Phases (Electric Only):			
Type of Wire Supports:			
False Dead Ends			

YOUR TITLE BLOCK

Location: _____

Latitude: N____:_____:_____._____

Longitude: W____:_____:_____._____

Drawing No.: _____ Sheet: _____ of _____

Drawing Date: ____/____/_____ Revised: ____/____/_____

Drawing Scale: V _____ Inches = _____ Feet

Drawing Scale: H _____ Inches = _____ Feet

The following table lists minimum required vertical clearances:

Wire Line Clearance Chart

VOLTAGE (to ground)	MINIMUM CLEARANCE REQUIRED ABOVE TOP OF RAIL
Insulated Communication Wirelines	23.5 ft.
Non-insulated Communication Wirelines	24 ft.
Shielded or insulated power wirelines 0-750 volts	24 ft.
Shielded or insulated power wirelines (Lashed to bare ground messenger) 751V to 22kV	24.5 ft.
Open supply conductors 0-750 volts	24.5 ft.
Open supply conductors 751V – 22kV	26.5 ft.
50kV	27.5 ft.
100kV	29.2 ft.
150kV	30.8 ft.
200kV	32.5 ft.