



DRAFT

Above Ground Temporary Electrical Service – Westar Standard SS – 81.0

Address: _____ **Contractor:** _____ **Permit #** _____

The following checklist is not all-inclusive. Other code related requirements may be included in this inspection.

OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	SS – 81.0 Does pole meet all the Westar requirements for height, dimensions (5"x5"), burial depths, etc. and required outriggers? Note discrepancies of their standard, if service complies with NEC than add notes to meter release. They will enforce that part of the standards.
OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	NEC 230.24(b) Is the "Drip Loop" at or above 10ft?
OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Has a ground rod (listed 8ft x 1/2" dia.) been properly installed with the correct size GEC (typically #8 for a 100A Service)? Note 6 req. a #6, Westar and Bldg. Ser. have not enforced that requirement. #8 is approved for a 100A service.
OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Are the Service Entrance Conductors the correct size (SS-31.0 requires a #3 copper, Westar and Bldg Serv. Have always accepted a #4, per table 315.15(B)(6) and have the correct insulation for the atmospheric conditions (310.13)? i.e. UV and or damp or wet location.
OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	408.6 & 312.2(A) Is the Panel and any associated disconnects rated for damp or wet locations?

ELECTRIC SERVICE STANDARDS

CALL 2 WORKING DAYS BEFORE YOU DIG
 1-800-344-7233 KANSAS

ULTRA PEX ONE CALL SYSTEM
 BEFORE YOU DIG

FOR UG SERVICE APPLICATION, USE SCHED 40 PVC CONDUIT TO EXTEND 2'-0" BELOW GRADE.

GROUND-FAULT-CIRCUIT-INTERRUPTERS RECD BY NEC 305-6(a)

2" x 4" STAKE OR 3" x 3" ANGLE IRON

TAMP BACKFILL AND MOUND AROUND SUPPORT

SEE NOTE 2

SEE NOTE 6

NOTES:

- GROUND METER SOCKET TO SYSTEM NEUTRAL.
- CUSTOMER TO PROVIDE NEC APPROVED METALLIC OR GRAY PVC SCHEDULE 40 OR SCHEDULE 80 CONDUIT WITH CONDUCTORS AND WEATHERHEADS. CONDUCTOR SIZED TO ACCOMMODATE CUSTOMER LOAD REQUIREMENTS. METER SOCKET PROVIDED BY WESTERN RESOURCES.
- WHERE LOCAL ORDINANCES REQUIRE INSPECTION OF CONSTRUCTION METER INSTALLATIONS, SERVICE CANNOT BE ENERGIZED UNTIL RELEASED BY THE INSPECTION AUTHORITY.
- WHEN CONSTRUCTION SERVICE CROSSES STREET OR ROAD, WESTERN RESOURCES SHALL PROVIDE SUPPORTS AS REQUIRED ON EACH SIDE OF CROSSING, AND THIS EXTRA COST SHALL BE CHARGED TO THE CUSTOMER.
- EXACT ADDRESS OR LEGAL DESCRIPTION OF THE PREMISES WHERE CONSTRUCTION METER IS SET SHALL BE PLAINLY DISPLAYED ON THE STAND WHILE AT THE CONSTRUCTION SITE AND THE LOCATION SHALL ALSO BE PROVIDED TO WESTERN RESOURCES BEFORE METER CAN BE SET.
- THE SERVICE DISCONNECT SHALL BE GROUNDED USING A CUSTOMER SUPPLIED AND INSTALLED #6 OR LARGER SOLID COPPER WIRE AND A 8 FOOT LONG, 1/2 INCH OR 5/8 INCH DIAMETER, UL LISTED, COPPER COVERED STEEL GROUND ROD.

* MAY BE 5" X 5" SOLID WOOD
 ** DOWN GUY MAY BE USED INSTEAD OF BRACES AS LONG AS IT IS PROPERLY INSTALLED AND CAN WITHSTAND 800# OF CABLE TENSION.
 ► DENOTES LATEST REVISION

VOLTAGE LIMITS	MULTIPLEX CABLE LIMITED TO 150V TO GROUND	MULTIPLEX CABLE LIMITED TO 150V TO GROUND	OPEN WIRE LIMITED TO 600V TO GROUND
LOCATION OF SERVICE WIRE	120/240 1Ø 120/208 Y	240/480 1Ø, 240/240 4WΔ 277/480 Y	480Δ
DRIIP LOOP AT SERVICE ENTRANCE	10'-0"	15'-0"	18'-0"
AREAS ACCESSIBLE ONLY TO PEDESTRIANS *	NEC 230-24(b)	NEC 230-24(b)	NEC 230-24(b)
DRIVEWAYS ** STREETS ALLEYS, ROADS & PKG AREAS	12'-0"	12'-0"	15'-0"
IN WICHTA OR WITHIN 3 MILES OF THE CITY LIMITS FOR PUBLIC STREETS, ALLEYS & ROADS.	NEC 230-24(b)	NEC 230-24(b)	NEC 230-24(b)
CITY ORD 3781B	CITY ORD 3781B	CITY ORD 3781B	CITY ORD 3781B
KG&E FRANCHISE AGREEMENT	KG&E FRANCHISE AGREEMENT	KG&E FRANCHISE AGREEMENT	KG&E FRANCHISE AGREEMENT

OVERALL SUPPORT LENGTH	A	B	C	D	EX#
* 18'	12'-0"	4'-0"	9'-0"	9'-0"	2"x4"x14"
18'	13'-6"	4'-6"	9'-6"	9'-6"	2"x4"x14"
20'	15'-6"	4'-6"	10'-6"	10'-6"	2"x6"x16"
22'	17'-6"	4'-6"	USE DOWNGUY		
24'	19'-6"	4'-6"	USE DOWNGUY		
30'	25'-0"	5'-0"	USE DOWNGUY		

OVERHEAD CONSTRUCTION SERVICE METER INSTALLATION SINGLE PHASE 3-WIRE

WESTERN RESOURCES SS-81.0

OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	527.6(A) &(B) Do all branch circuits supplying power to the construction site have GFCI Protection? GFCI protection is required to all receptacles.	OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
--	--	--	--

Notes:

Date		Inspector	
------	--	-----------	--