



GENERAL DETAIL NOTES:

- A. RISER CONDUIT DETAIL APPLICABLE TO SINGLE-PHASE POWER INSTALLATIONS.
- B. ITEMS IN BOLD ARE TO BE FURNISHED AND INSTALLED BY CONTRACTOR.
- C. USE ADDITIONAL COUPLINGS AND NIPPLES AS REQUIRED FOR 42" CONDUIT DEPTH AND POSITIONING.
- D. CREATE A 12" DEEP GRAVEL SUMP AT UNILET CONNECTION. (USE PEA GRAVEL AFTER WRAPPING CONNECTION WITH TYPAR) PLACE UNILET AT LOWEST POINT IN CONDUIT RUN. AT DU'S DISCRETION, UNILET MAY BE OMITTED IF HDPE CONDUIT IS USED AND CONDUIT RUN DRAINS TOWARDS UTILIDOR VAULT. IF ANY CONDUIT ENTERS VAULT FROM THE SIDE, THEN THE BOTTOM OUTSIDE EDGE OF THE CONDUIT SHALL BE A MINIMUM OF 6" ABOVE THE VAULT FLOOR. THIS INSTALLATION SHALL BE INSPECTED BY DU BEFORE BACKFILLING.
- E. LEAVE COVER OFF UNILET TO ALLOW MOISTURE TO DRAIN FROM CONDUIT INTO SURROUNDING PEA GRAVEL.
- F. SLOPE ALL UNDERGROUND CONDUITS 1/4" PER FOOT MINIMUM TOWARDS UNILET.
- G. ALL SWEEPS, ELBOWS ABOVE OR BELOW GRADE, AND CONDUIT ABOVE GRADE SHALL BE GALVANIZED RIGID METAL CONDUIT. PVC CONDUIT SHALL NOT BE ACCEPTED IN PRIMARY RUNS.
- H. INSTALL FIRST SECTION OF CONDUIT ON POLE FOR INSPECTION. CONDUITS WHICH ARE NOT PLUMB SHALL NOT BE ACCEPTED.
- I. CONTRACTOR SHALL PROVIDE A TENTED AND HEATED AREA FOR PULLING AND TERMINATING CABLES FOR UNDERGROUND INSTALLATIONS AFTER SEPTEMBER 15TH.
- J. FOR CONNECTIONS TO EXISTING SERVICE LINES, CONTRACTOR SHALL DRESS CABLES, GROUP, JOIN WITH COMPRESSION FITTINGS, AND INSULATE.
- K. USE OF SPLIT BOLTS IS NOT ALLOWED.
- L. CONTRACTOR SHALL PROVIDE AND MAINTAIN A MINIMUM 4' WIDE CLEARANCE BETWEEN THE SERVICE ENTRANCE AND THE DU POLE.
- M. CONDUCTOR INSULATION SHALL BE TYPE XHHW OR RHW.
- N. SERVICE EQUIPMENT WITH MAIN DISCONNECT, CT AND METER ENCLOSURE ON UNISTRUT SHALL MEET ALL REQUIREMENTS PER: "TYPICAL METERED SERVICE" & "GROUNDING DETAIL" ELECTRICAL SERVICE LINE STANDARDS, Pp. 19-21, DOYON UTILITIES, INC., MARCH 2008.

REV. NO.	DATE	DESCRIPTION	FOSDICK & HILLMER CONSULTING ENGINEERS 309 VINE STREET, SUITE 50 CINCINNATI, OHIO 45202 TELEPHONE (513)241-5640 WWW.FHENG.COM		DOYON UTILITIES Jimmy Huntington Building 714 Fourth Avenue, Suite 20 Fairbanks, Alaska 99701 Telephone (907) 455-1500 Fax (907) 455-6788	Date: 23 FEB 2010 Scale: NTS Designed By: LBG Drawn By: EMS Checked By: NEM	UTILITY SERVICE EXTENSION TO AIRCRAFT PARTS STORAGE UTILIDOR SERVICE CONNECTION DETAILS FORT WAINWRIGHT, AK. DU PROJECT NO. J101395, J101396, J101397	Drawing No. E-07
0	05/09/11	RECORD DRAWING						