A FULL DRAFTING PACKAGE SHOULD CONSIST OF:

1. A GEOSPATIALLY ACCURATE BASE DRAWING SHOULD BE OBTAINED FROM THE CIVIL CONSULTANT. IT SHOULD BE IN NAD 83 COORDINATES AND IT SHOULD BE SPECIFIED WHETHER IN GROUND OR GRID PROJECTION AND STATE THE MONUMENTS USED AND THE SCALING FACTOR USED.

THESE STEPS WILL HELP IMPROVE THE GEOSPATIAL RELIABILITY OF ALL UTILITY DRAWINGS . FOR MORE INFORMATION REFER TO THE CSA S250-11STANDARDS DOCUMENT WHICH COVERS INFORMATION WHICH WILL HELP STANDARDIZE UNDERGROUND DRAWINGS IN UTILITIES AND MUNICIPALITIES THROUGHOUT CANADA.

- 2. AN EASEMENT DRAWING WHICH WILL SHOW THE LOCATION AND TYPES OF EASEMENTS FOR THE PROJECT.
- 3. A PLANVIEW LAYOUT WHICH WILL SHOW THE CENTRELINE OF THE UTILITIES TRENCH BOTH ON PUBLIC ROADWAY AND ON THE PROPOSED EASEMENTS. THERE SHOULD BE AMPLE DIMENSIONING OF OFFSETS FROM PROPERTY LINE TO THE TRENCH CENTRELINE.

THE DRAWING SHALL IDENTIFY THE AS-BUILT ACCURACY AS DEFINED BY THE FOLLOWING LEVELS:

CSA S-250 DEFINED POSITIONAL ACCURACY OF AS BUILT RECORDSIS AS FOLLOWS:

ACCURACY LEVEL 1 +-25mm IN X,Y, AND Z CORDINATES WITH 95% CONFIDENCE LEVEL (ABSOLUTE - SURVEY GRADE)

ACCURACY LEVEL 2 +- 100mm IN X,Y, AND Z CORDINATES WITH 95% CONFIDENCE LEVEL (ABSOLUTE - SURVEY GRADE) ACCURACY LEVEL 3 +- 300mm IN X,Y, AND Z CORDINATES WITH 95% CONFIDENCE LEVEL (ABSOLUTEOR RELATIVE)

ACCURACY LEVEL 4 +- 1000mm IN X,Y, AND Z CORDINATES WITH 95% CONFIDENCE LEVEL (ABSOLUTEOR RELATIVE)

THE FOLLOWING ARE FOR

SUPPLEMENTARY ACCURACY LEVEL 5 +- 1000mm BUT NOT EXPOSED IE: U/G LOCATE EQUIPMENT USED BY ACOMPETENT INDIVIDUAL - THERE IS NO Z COMPONENT

SUPPLEMENTARY ACCURACY LEVEL 0 NO INFORMATION AVAILABLE, THE POSITION SHOWN ON THE DRAWING IS THE BEST POSSIBLE ESTIMATE OF THE ACTUAL LOCATION.

A MINIMUM ACCURACY LEVEL 5 IS REQUIRED FOR ALL AS-BUILT DRAWINGS. ACCURACY LEVEL 2 IS PREFERRED FOR ABOVE GROUND FACILITIES.

**4.A POWER OVERVIEW SHEET** 

- 5 A POWER SCHEMATIC SHEET DETAILING THE PRIMARY AND SECONDARY CONDUCTOR INFORMATION AND CONNECTIONS
- 6. STREET LIGHT LAYOUT SHOWING SUPPLY CONDUIT PEDESTAL DETAILS AND LIGHTING PROFILES AND DESIGN CRITERIA FOR THE SUBDIVISION STREET LIGHTING INCLUDING THE CONNECTION POINT TO THE ELECTRICAL SYSTEM..

DATE DESIGNED INDEP DFTG DFTG CHK INSP REV ACPT

- 7. SASK ENERGY LAYOUT SHOWING PROPOSED AND EXISTING GAS INFORMATION AS REQUIRED BY THE UTILITY
- 8. SASK ENERGY LAYOUT STAKER'S COPY (FOR AS-BUILT FIELD NOTES)

**REMARKS** 

NOTE: A SET OF LAYOUTS SUFFIXED \_ASB ARE INCLUDED FOR THE AS-BUILT DRAWING PRODUCTS

**REVISIONS** 

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SASK ENERGY

DATE DESIGNED NDEP OFTG CHK INSP REV ACPT

REMARKS

**REVISIONS** 

SHEET 7 SASK ENERGY PLAN VIEW

REGION

SERV#

DISTRICT 000

QUOTE# 000

REF# DRAWING NUMBER NO

REFERENCE DRAWINGS

THE SERVICE PROVIDER LOGO AND CONTACT INFO IS PLACED HERE.

SASK 1ST CALL LOGO

MUST BE PLACED ON

**EACH DRAWING** 

DSGN DESIGNER ₩ SaskPower ---- REGION APEG-S P.ENG. SEAL ??? DISTRICT OFFICE GOES HERE UNDERGROUND DUCT AND STRUCTURES FOR SaskPower and Sasksmængy1Tunnkey Template R1 E

THE CREEKS PHASE **WORK LOCATION N.T.S.** 1-866-828-4888 CALL AT LEAST TWO FULI WORKING DAYS BEFORE

**LEGEND:** 















