

SCOPE OF THE WORK.

(REV 7-20-06) (1-10)

SUBARTICLE 4-1 (Page 19) is expanded by the following:

The Plans applicable to this Contract are written using SI (metric) units of measure. However, the Contractor is advised that this project is to be constructed to, and will be paid in, Customary (non-SI) units of measure.

Convert metric values in the Plans to Customary values in accordance with the following “Table of Conversion Factors”, rounded to the accuracy required in the Specification. Conflicts resulting from the conversions will be resolved by the Engineer.

Table of Conversion Factors			
MEASUREMENT	DIVIDE METRIC UNIT	BY	TO GET ENGLISH UNIT
LENGTH	mm	25.4000	inches
	mm	304.8000	feet
	m	0.3048	feet
	m	0.9144	yards
	km	1.6093	miles
AREA	mm ²	645.1600	in ²
	mm ²	92,903.0400	ft ²
	m ²	0.0929	ft ²
	m ²	0.8361	yd ²
	km ²	2.5899	miles ²
	hectares	0.4047	acres
VOLUME	m ³	0.0283	ft ³
	m ³	0.7645	yd ³
	L	3.7854	gallons
	mL	29.5735	ounce (fluid)
	L/km	2.3522	gal/mile
	L/m ²	4.5000	gal/yd ²
	m ³ /m ²	0.0338	ft ³ /yd ²
MASS	Metric tons	0.9072	ton
	kg/L	8.3452	lb/gal
	kg	0.0283	ounce
	kg	0.4536	pound
	kg	907.1847	ton
	kg/m	1.4882	lb/ft
	kg/m ²	4.8824	lb/ft ²

Table of Conversion Factors			
MEASUREMENT	DIVIDE METRIC UNIT	BY	TO GET ENGLISH UNIT
	kg/m ²	0.5425	lb/yd ²
	kg/m ³	16.0185	lb/ft ³
	kg/m ³	0.5933	lb/yd ³
	g/m ²	33.8476	oz/yd ²
FORCE	N	4.4482	pound (force)
	N/m	14.5939	lb/ft
	N/m ²	47.8803	lb/ft ²
	N/m ³	157.0875	lb/ft ³
STRESS	Pa	6894.7570	psi
	kPa	6.8948	psi
	MPa	0.0069	psi
VELOCITY	m/sec	0.3048	ft/sec
	m/sec	0.4470	mph
	km/h	1.6093	mph
TEMPERATURE	$(EC \times 1.8) + 32 = EF$		