Metric

CAMBRIDGEPORT ROAD CENTERLINE

TANGENT #1
Bearing = S7°33'19"W
Distance = 6.855m

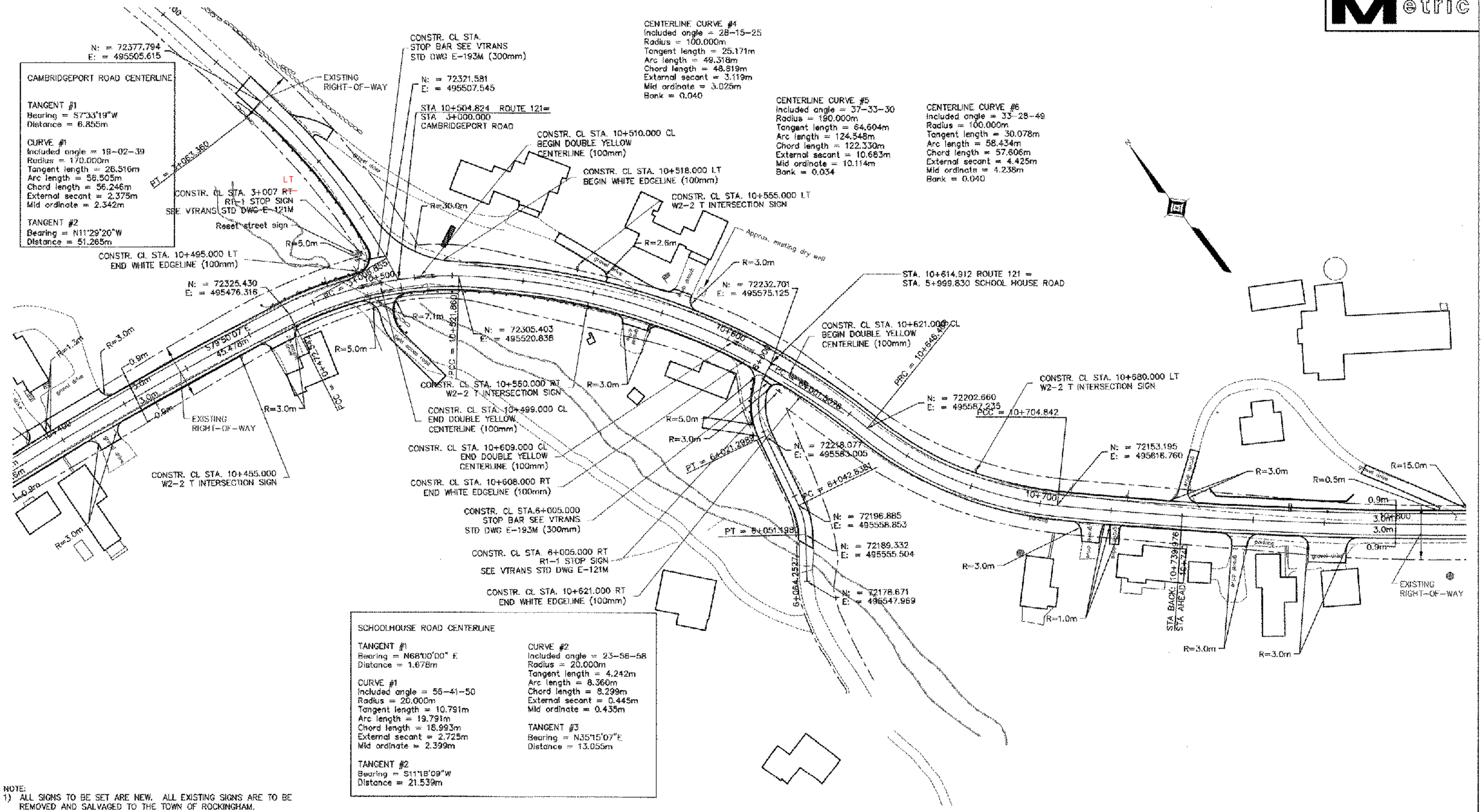
CURVE #1
Included angle = 19-02-39
Radius = 170.000m
Tangent length = 28.516m
Arc length = 56.505m
Chord length = 56.246m
External secant = 2.375m
Mid ordinate = 2.342m

TANGENT #2
Bearing = N11°29'20"W
Distance = 51.265m

CENTERLINE CURVE #4
Included angle = 28-15-25
Radius = 100.000m
Tangent length = 25.171m
Arc length = 49.318m
Chord length = 48.819m
External secant = 3.119m
Mid ordinate = 3.025m
Bank = 0.040

CENTERLINE CURVE #5
Included angle = 37-33-30
Radius = 190.000m
Tangent length = 64.604m
Arc length = 124.548m
Chord length = 122.330m
External secant = 10.683m
Mid ordinate = 10.114m
Bank = 0.034

CENTERLINE CURVE #6
Included angle = 33-28-49
Radius = 100.000m
Tangent length = 30.078m
Arc length = 58.434m
Chord length = 57.606m
External secant = 4.425m
Mid ordinate = 4.238m
Bank = 0.040



SCHOOLHOUSE ROAD CENTERLINE

TANGENT #1
Bearing = N68°00'00" E
Distance = 1.678m

CURVE #1
Included angle = 56-41-50
Radius = 20.000m
Tangent length = 10.791m
Arc length = 19.791m
Chord length = 18.993m
External secant = 2.725m
Mid ordinate = 2.399m

TANGENT #2
Bearing = S11°18'09"W
Distance = 21.539m

CURVE #2
Included angle = 23-56-58
Radius = 20.000m
Tangent length = 4.242m
Arc length = 8.360m
Chord length = 8.299m
External secant = 0.445m
Mid ordinate = 0.435m

TANGENT #3
Bearing = N35°15'07"E
Distance = 13.055m

NOTE:
1) ALL SIGNS TO BE SET ARE NEW. ALL EXISTING SIGNS ARE TO BE REMOVED AND SALVAGED TO THE TOWN OF ROCKINGHAM.

2) ALL SIGNS AND PLACEMENT SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

3) ALL DOUBLE YELLOW CENTERLINES AND STOP BARS SHALL BE DURABLE PAVEMENT MARKINGS. WHITE EDGE LINES SHALL BE PAINT PAVEMENT MARKINGS.

4) MATCH WIDTH OF EXISTING DRIVEWAYS AT LIMITS OF PROPOSED DRIVEWAY.

DATUM
VERTICAL NGVD 1929
HORIZONTAL NAD 1927

V:/1261/CADD/PLANS/MARKS-C2.DWG

GRAPHIC SCALE
(IN METERS)
1 : 500

THE LOUIS BERGER GROUP, INC.

SIGNING, PAVEMENT MARKING, AND ALIGNMENT PLAN

PROJECT: GRAFTON-ROCKINGHAM, ROUTE 121	PROJECT NO. : STP 0126(4)S
DESIGN FILE NAME:	
IPARM FILE NAME:	PLOT DATE: 12/08/03
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER:	DRAWN BY:
	SHEET: 29 OF 116