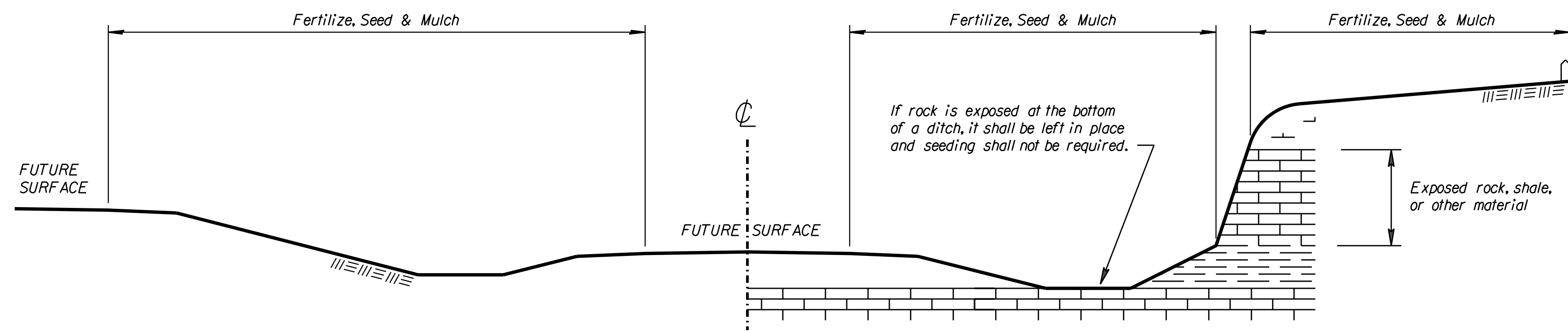
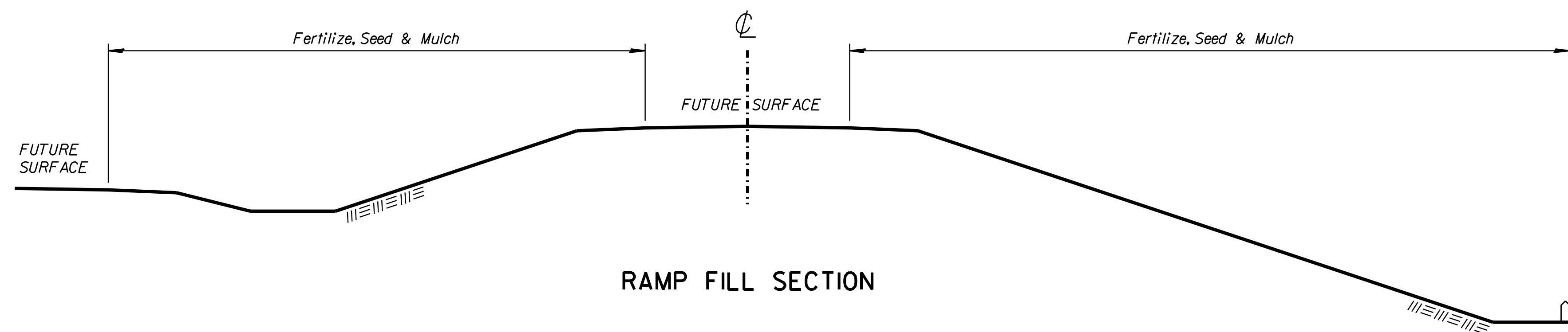


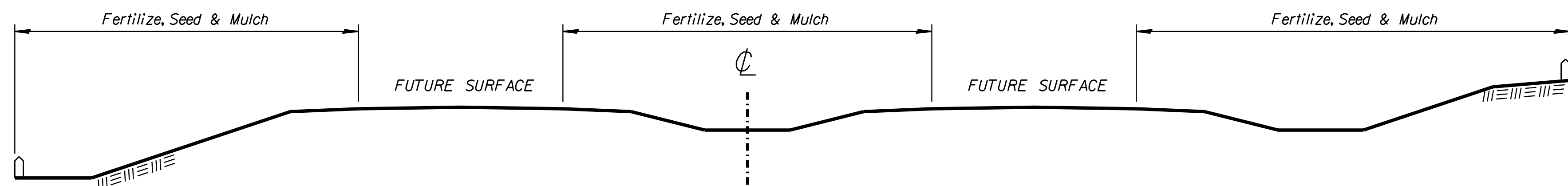
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-84021	2004	21	35



RAMP CUT SECTION



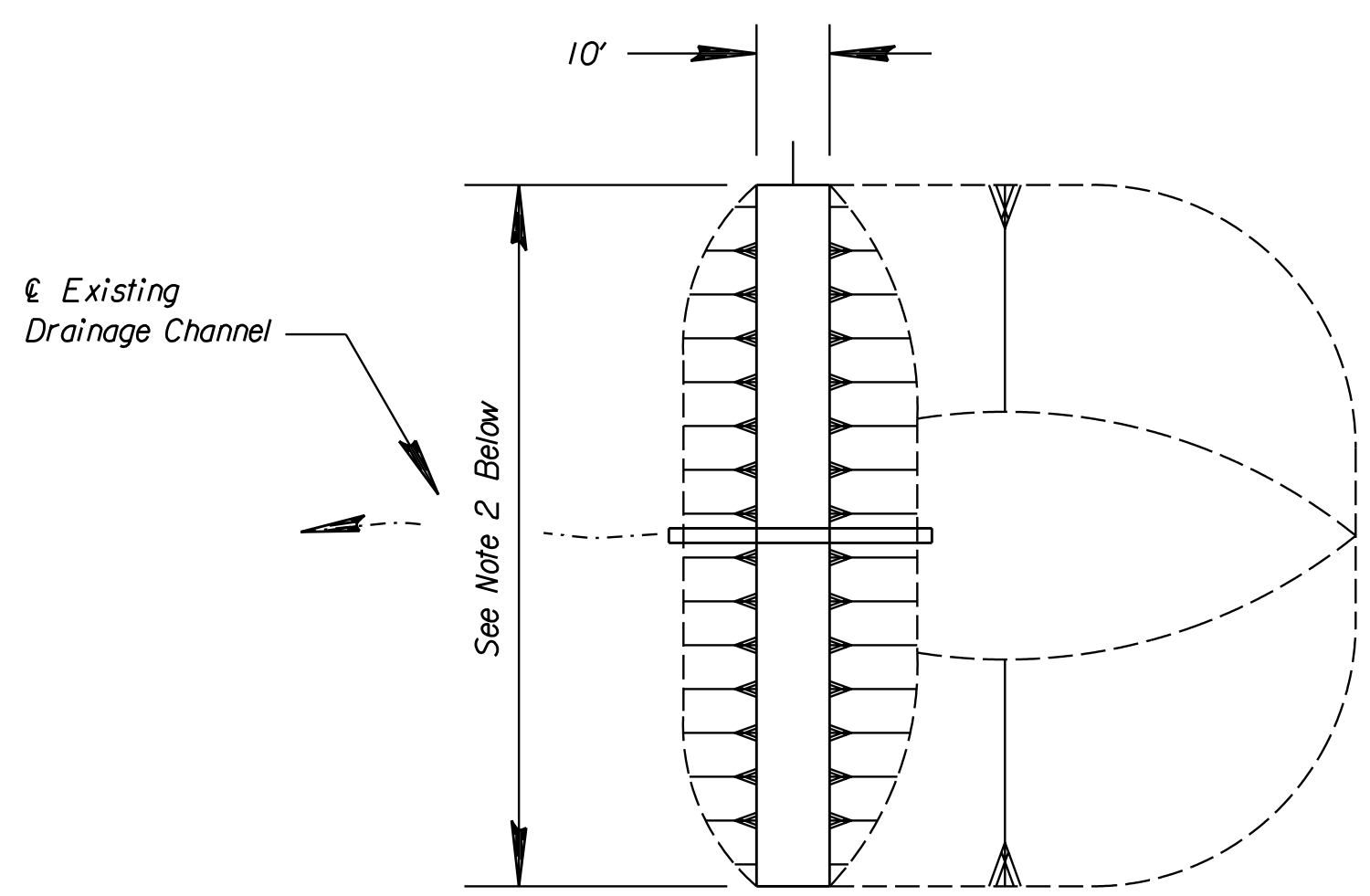
RAMP FILL SECTION



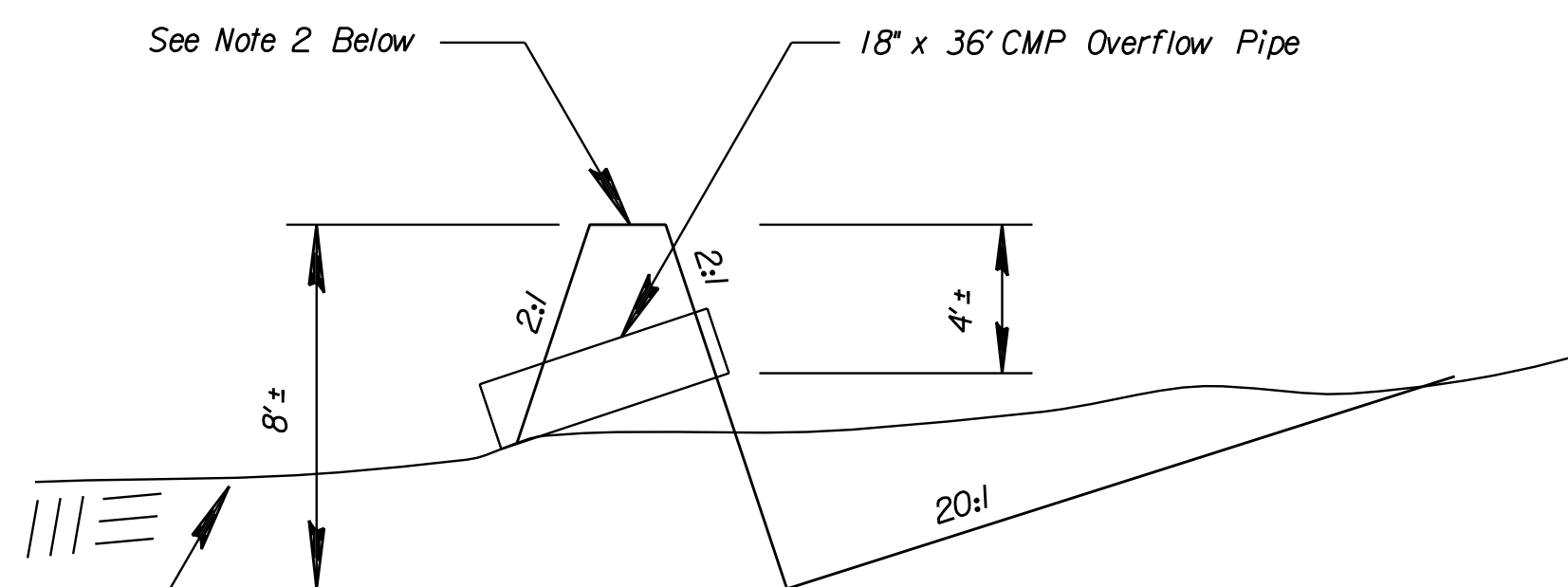
TYPICAL SECTION -- DUAL PAVEMENT

FILL SECTION

CUT SECTION



PLAN



PROFILE

TEMPORARY SEDIMENT BASIN

NOTES:

- 1) Temporary Sediment Basins shall be constructed at locations as directed by the Engineer. All work and materials necessary for the construction of Temporary Sediment Basins shall be paid for as the bid item "Temporary Sediment Basin". The 18" (inch) x 36" (foot) overflow pipe will be SUBSIDIARY to the bid item "Temporary Sediment Basin". The Temporary Sediment Basins shall be removed by District forces after seeding has been established if desired by the respective land owners.
- 2) Lengths and top dimensions shall be determined in the field by the Engineer.
- 3) All dimensions are approximate.

GENERAL: The entire disturbed area, excepting the paved or surfaced areas, steep rocky slopes and areas of undisturbed native sod or other desirable vegetation shall be fertilized (limed when required), seeded, and mulched. Soil preparation shall conform to the Standard Specifications.

Temporary seeding shall be done during any time of the year that the soil can be cultivated. After the temporary seeding has been completed on the entire project, a permanent seeding shall be done by another project during the normal seeding season.

The Contractor will be required to finish areas of excavation, borrow and embankment in accordance with the specifications. Areas that require installation or construction of temporary water pollution control items will be finished in reasonable close conformity to the alignment, grade and cross section shown on the plans or as established by the Engineer.

FERTILIZER: A ratio and application rate that equals or exceeds the required minimum rate per acre of N, P₂O₅, K₂O listed in Summary of Quantities will be acceptable.

MULCHING: Mulch shall be spread uniformly over all disturbed areas and punched in the soil, unless otherwise noted on the plans. If mulch tacking slurry is used, punching is not necessary. The rate of application per acre, thickness in place, for the mulching materials is as follows:

1 3/4 - 2 1/4 Tons per Acre = 1 1/2" loose depth spread uniformly over acre.

All mulch shall be noxious weed free native prairie hay.

Other vegetative mulches (Acceptable only with the Engineer's concurrence).

The above rate is a guide. It will be at the discretion of the Engineer to determine what rate is sufficient for adequate protection of newly seeded areas.

The amount of mulch and mulch tacking slurry in the bid quantities is estimated. The total mulch and mulch tacking slurry required shall be determined in the field. The bid item for mulching and mulch tacking slurry shall be paid for by one of the following ways: A) Plan quantity as shown on Summary of Quantities, Seeding Sheet or Water Pollution Control Sheet, B) Slope measurement as measured in field, or C) Drill measurement less 5% as measured at the time of seeding.

SUMMARY OF SEEDING QUANTITIES: PROJECTS OF 1 ACRE OR MORE				
P.L.S. RATE/ACRE	ACRES	BID ITEM	QUANTITY	UNIT
		Fertilizer (* - * * - * * *)		Ibs.
30		Canada Wildrye Grass Seed		Ibs.
15		Ryegrass Seed		Ibs.
		Agricultural Limestone		Tons
		Temporary Berm		L.F.
		Temporary Ditch Check (Rock)		C.Y.
		Temporary Ditch Check		L.F.
		Temporary Inlet Sediment Barrier		Each
		Temporary Sediment Basin		C.Y.
		Temporary Slope Barrier (Set)	1	L.F.
		Temporary Slope Drain		L.F.
		Temporary Stream Crossing		Each
		Sediment Removal (Set)	1	C.Y.
900		Mulch Tacking Slurry		acs.
		Mulching (Temporary)		acs.

SUMMARY OF SEEDING QUANTITIES: PROJECTS LESS THAN 1 ACRE				
P.L.S. RATE/ACRE	ACRES	BID ITEM	QUANTITY	UNIT
		Fertilizer (* - * * - * * *)		Ibs.
30		Canada Wildrye Grass Seed		Ibs.
15		Ryegrass Seed		Ibs.
		Agricultural Limestone		Tons
		Seeding (TE&PC)	Lump Sum	L.S.
		Temporary Ditch Check (Rock)		C.Y.
		Temporary Ditch Check		L.F.
		Temporary Slope Barrier (Set)	1	L.F.
		Sediment Removal (Set)	1	C.Y.
900		Mulch Tacking Slurry		acs.
		Mulching (Temporary)		acs.

NOTE: Projects of less than 1 acre shall be bid as "Seeding" by the lump sum. All disturbed areas shall be seeded, fertilized and mulched at the listed rate per acre. The acres are estimated.

- * - N = Nitrogen Rate of Application
- * * - P₂O₅ = Phosphorous Rate of Application
- * * * - K₂O = Potassium Rate of Application

3	3/01/04	Revised Standard	FCM	SPV
2	7/18/03	Revised Standard	FCM	SPV
1	5/10/99	Revised Standard	WCL	RDR
NO.	DATE	REVISIONS	BY	APP'D

KANSAS DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION AND POLLUTION CONTROL

LA852A

DESIGNED	FCM	3/1/2004	APP'D	Scott H. Shields
DESIGN CR.	SHS	DETAIL CR.	SHS	QUAN. CR.
TRACED	FCM	QUANTITIES	TRACED	FCM
TRACE CR.	SHS			SHS

Drawn By : kdd
 Dgn File : i:\2004\04330\off\check\04330.C-LA852a(EK).dgn
 View : PLOT 1
 9-8-2004
 Plotted : drp