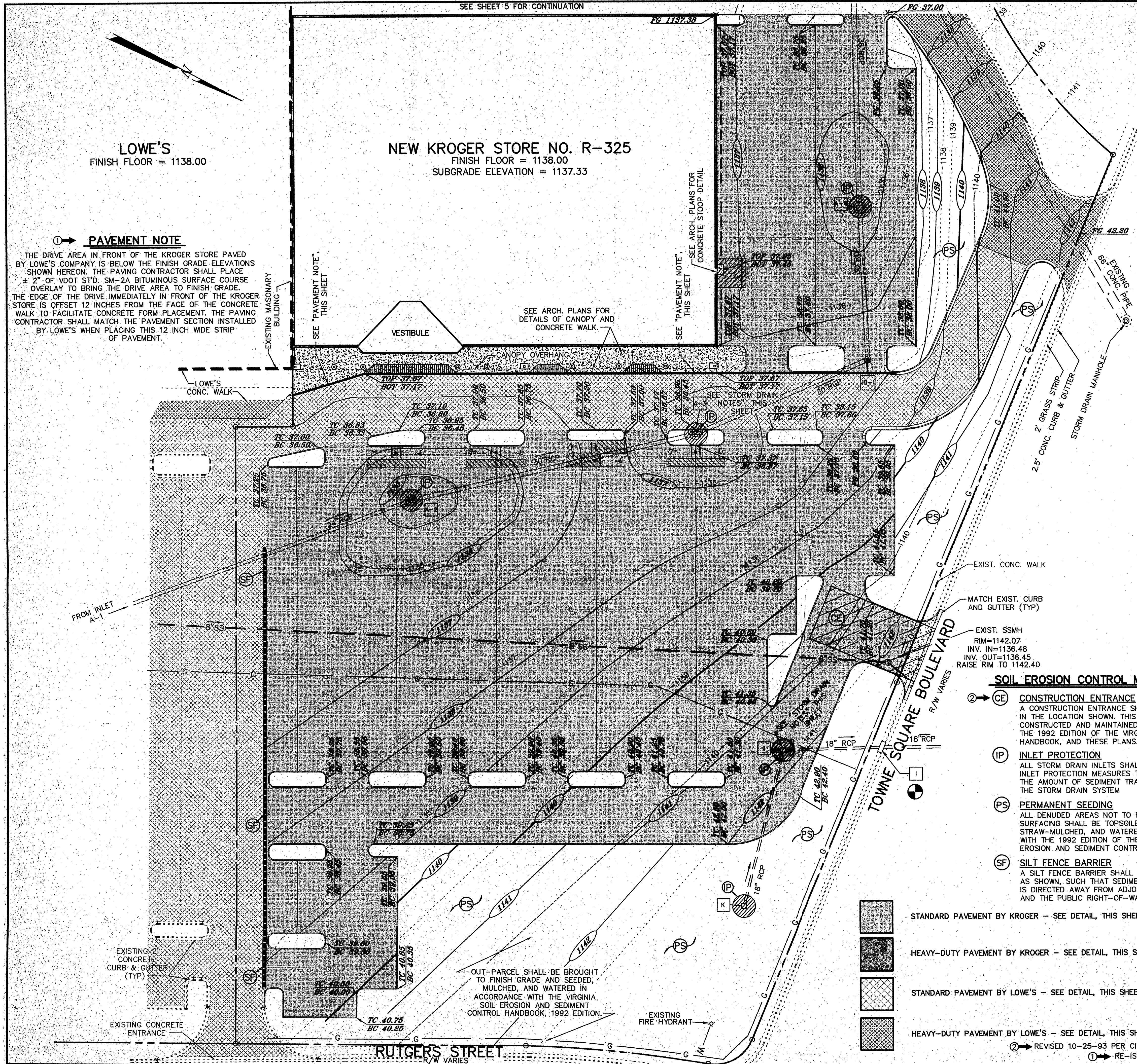
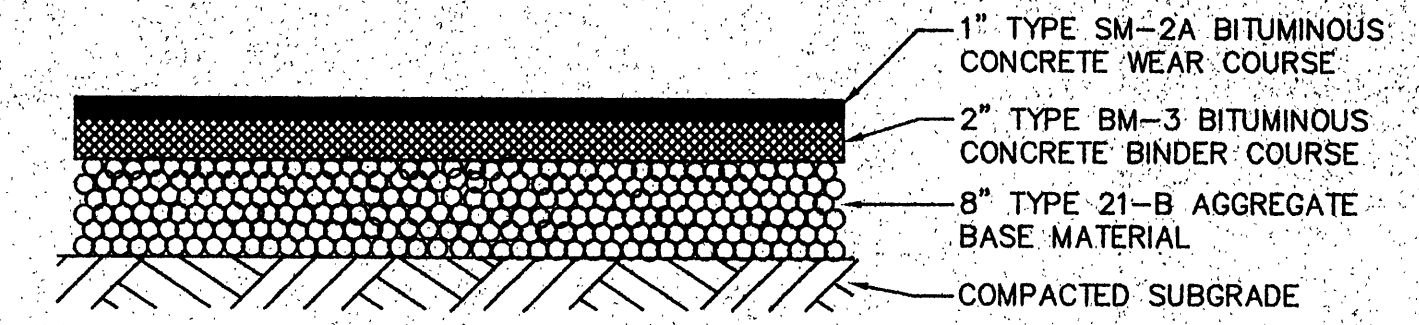
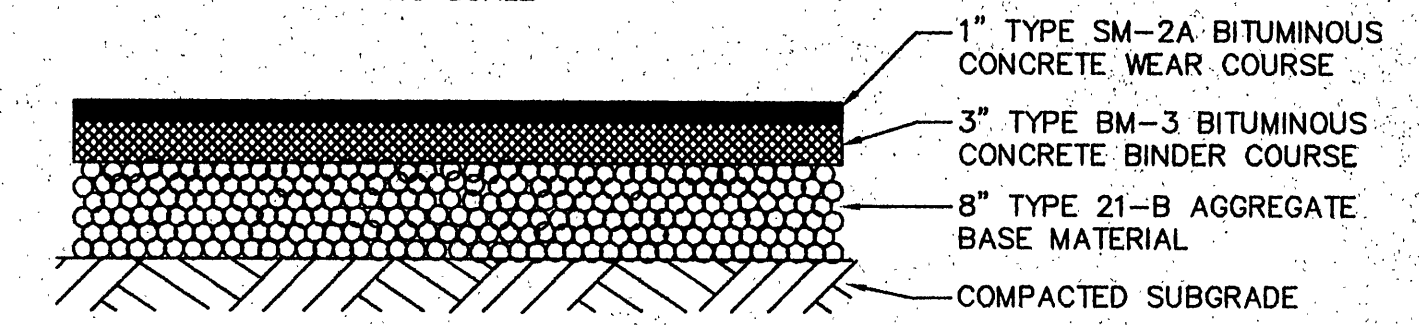




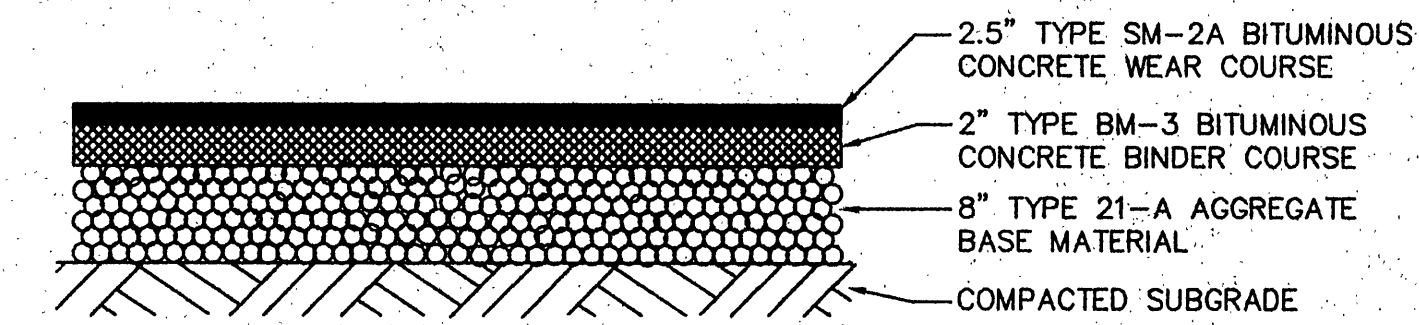
STANDARD PAVEMENT SECTION BY KROGER



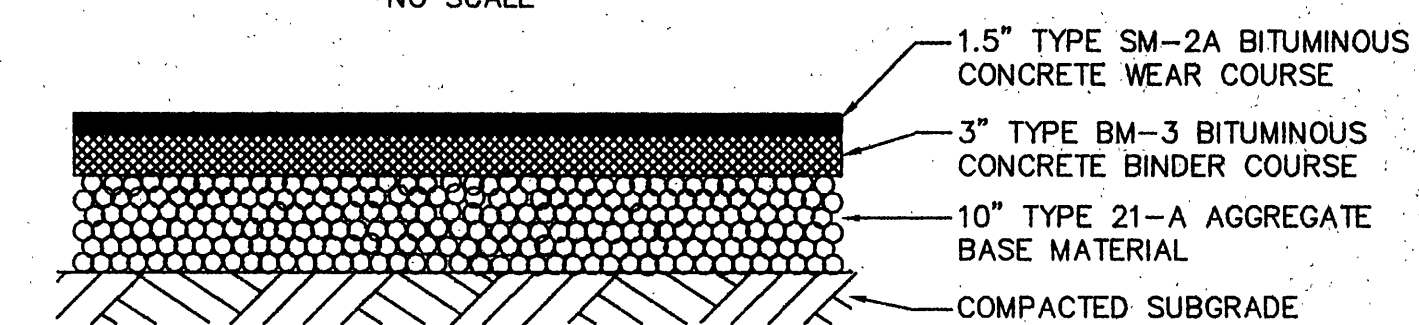
HEAVY-DUTY PAVEMENT SECTION BY KROGER



STANDARD PAVEMENT SECTION BY LOWE'S



HEAVY-DUTY PAVEMENT SECTION BY LOWE'S



STORM DRAIN SCHEDULE

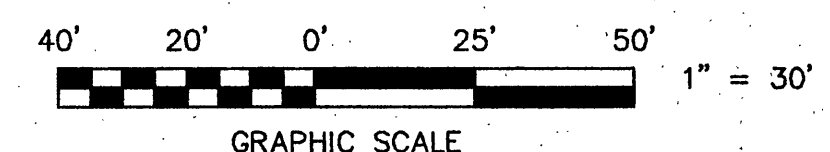
A-2	EXIST. GRATE INLET TOP = 1134.26 INV. IN (24" RCP) = 1127.15 INV. OUT (30" RCP) = 1127.00	I	EXIST. CURB INLET TOP = 1142.67 INV. IN = 1135.07 INV. OUT = 1134.97
A-3	VDOT STD. DI-3C, THROAT LENGTH = 8' TOP = 1136.95 INV. IN (30" RCP) = 1125.55 INV. OUT (30" RCP) = 1125.55	J	EXIST. YARD INLET TOP = 1141.38 INV. IN = 1135.80 INV. OUT = 1135.67
JB-1	EXIST. JUNCTION BOX TOP = 1137.75 INV. IN (30" RCP) = 1124.71 INV. OUT (30" RCP) = 1124.71	K	EXIST. YARD INLET TOP = 1142.16 INV. OUT = 1137.33
A-4	EXIST. GRATE INLET TOP = 1135.15 INV. IN (30" RCP) = 1124.14 INV. OUT (36" RCP) = 1124.05		

STORM DRAIN NOTES

- THE EXISTING GRATE TOP ON INLET A-3 (ELEV. 1135.45) SHALL BE REPLACED WITH A VDOT STD. DI-3C TOP WITH AN EIGHT FOOT THROAT LENGTH (TOP=1136.95).
- THE EXISTING GRATE TOP ON INLET J SHALL BE RAISED FROM AN EXISTING ELEVATION OF 1141.38 TO A FINISH GRADE OF 1141.65.

BENCHMARK:

CHISELED "C" ON TOP OF CURB INLET IN TOWNE SQUARE BOULEVARD.
ELEVATION = 1142.75
DATUM PER CITY OF ROANOKE
STATION NO. 24, "MEMORIAL".



SOIL EROSION CONTROL MEASURES

- CE CONSTRUCTION ENTRANCE**
A CONSTRUCTION ENTRANCE SHALL BE INSTALLED IN THE LOCATION SHOWN. THIS ENTRANCE SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE 1992 EDITION OF THE VIRGINIA EROSION CONTROL HANDBOOK, AND THESE PLANS.
- IP INLET PROTECTION**
ALL STORM DRAIN INLETS SHALL RECEIVE INLET PROTECTION MEASURES TO REDUCE THE AMOUNT OF SEDIMENT TRANSPORT INTO THE STORM DRAIN SYSTEM.
- PS PERMANENT SEEDING**
ALL DENUDED AREAS NOT TO RECEIVE HARD SURFACING SHALL BE TOPSOILED, SEED, STRAW-MULCHED, AND WATERED IN ACCORDANCE WITH THE 1992 EDITION OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK.
- SF SILT FENCE BARRIER**
A SILT FENCE BARRIER SHALL BE PROVIDED AS SHOWN, SUCH THAT SEDIMENT-LADEN RUNOFF IS DIRECTED AWAY FROM ADJOINING PROPERTIES AND THE PUBLIC RIGHT-OF-WAY.

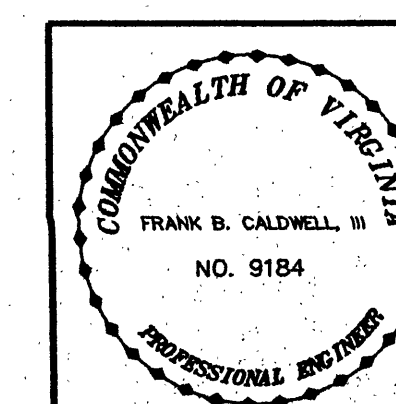
STANDARD PAVEMENT BY KROGER - SEE DETAIL, THIS SHEET

HEAVY-DUTY PAVEMENT BY KROGER - SEE DETAIL, THIS SHEET

STANDARD PAVEMENT BY LOWE'S - SEE DETAIL, THIS SHEET

HEAVY-DUTY PAVEMENT BY LOWE'S - SEE DETAIL, THIS SHEET

REVISED 10-25-93 PER CITY OF ROANOKE REVIEW - CLW
RE-ISSUED FOR BID 9/20/93 - CLW



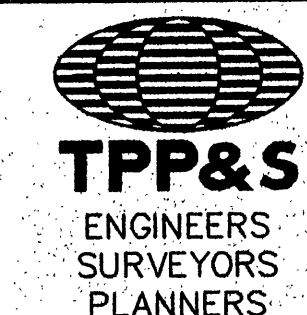
GRADING UTILITIES, & SOIL EROSION PLAN - EAST FOR

THE KROGER COMPANY

SITUATE TOWNE SQUARE SHOPPING CENTER
HERSHBERGER ROAD
CITY OF ROANOKE, VIRGINIA

SCALE: 1" = 30' DATE: SEPTEMBER 14, 1993

DESIGNED BY: C.L. WHITE
DRAWN BY: C.L. WHITE
CHECKED BY:
W.O. # 93-1022
N.B. JW-24
TAX NO. 6650101



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