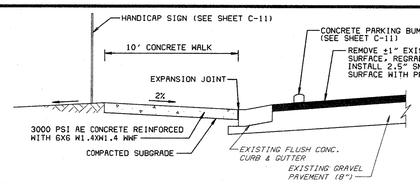
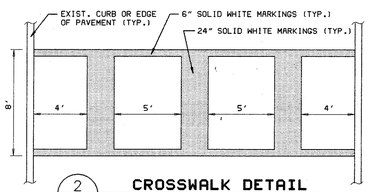


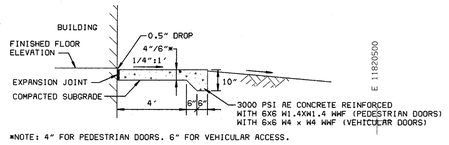
3 / C-6 **CONCRETE RAMPS AT HANDICAP SPACES**

NOT TO SCALE



2 / C-6 **CROSSWALK DETAIL**

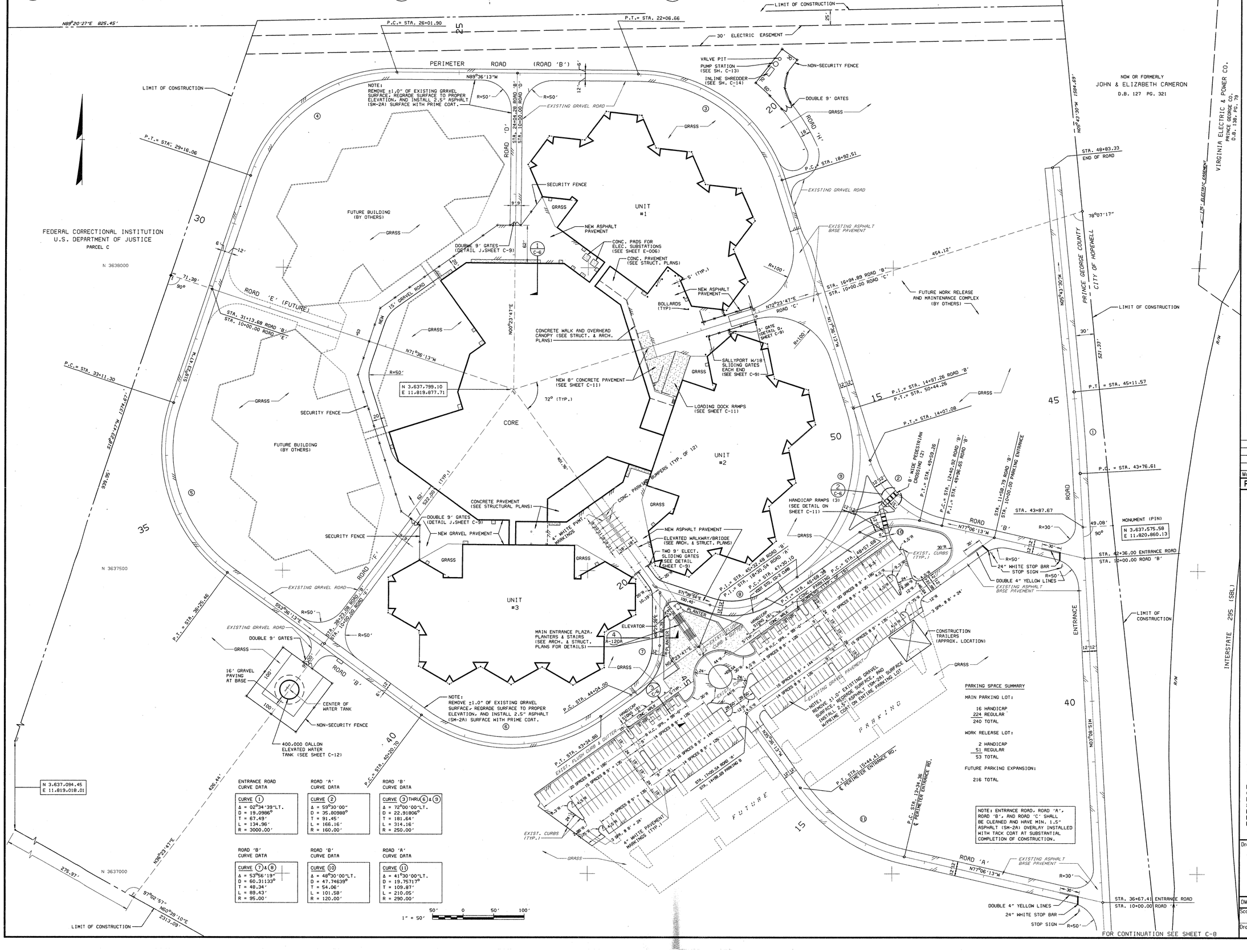
NOT TO SCALE



*NOTE: 4" FOR PEDESTRIAN DOORS. 6" FOR VEHICULAR ACCESS.

1 / C-6 **TYPICAL CONCRETE ENTRANCE**

NOT TO SCALE



NOTE: REMOVE ±1.0" OF EXISTING GRAVEL SURFACE, REGRADE SURFACE TO PROPER ELEVATION, AND INSTALL 2.5" ASPHALT (SM-2A) SURFACE WITH PRIME COAT.

NOTE: ENTRANCE ROAD, ROAD 'A', ROAD 'B', AND ROAD 'C' SHALL BE CLEANED AND HAVE MIN. 1.5" ASPHALT (SM-2A) OVERLAY INSTALLED WITH TACK COAT AT SUBSTANTIAL COMPLETION OF CONSTRUCTION.

PARKING SPACE SUMMARY

MAIN PARKING LOT:

16 HANDICAP
224 REGULAR
240 TOTAL

WORK RELEASE LOT:

2 HANDICAP
51 REGULAR
53 TOTAL

FUTURE PARKING EXPANSION:

216 TOTAL

ENTRANCE ROAD CURVE DATA	ROAD 'A' CURVE DATA	ROAD 'B' CURVE DATA
CURVE 1	CURVE 2	CURVE 3 THRU 6 & 9
Δ = 02°34'39"LT.	Δ = 59°30'00"	Δ = 72°00'00"LT.
D = 19.0986°	D = 35.80988°	D = 22.91806°
T = 67.49'	T = 91.45'	T = 181.64'
L = 134.96'	L = 166.16'	L = 314.16'
R = 3000.00'	R = 160.00'	R = 250.00'

ROAD 'B' CURVE DATA	ROAD 'B' CURVE DATA	ROAD 'A' CURVE DATA
CURVE 7 & 8	CURVE 10	CURVE 11
Δ = 53°56'19"	Δ = 48°30'00"LT.	Δ = 41°30'00"LT.
D = 60.31133°	D = 47.74639°	D = 19.75717°
T = 48.34'	T = 54.06'	T = 109.87'
L = 88.43'	L = 101.58'	L = 210.05'
R = 95.00'	R = 120.00'	R = 290.00'

1" = 50'

Owner:

RIVERSIDE REGIONAL JAIL AUTHORITY

Project:

RIVERSIDE REGIONAL JAIL

PRINCE GEORGE COUNTY, VIRGINIA

Notes:

1. ALL DIMENSIONS TO CURBS ARE TO FACE CURB.
2. PROVIDE CONCRETE WALKWAY PADS AT ALL EXTERIOR DOORS NOT SERVED BY WALKS. PADS SHALL EXTEND 1' BEYOND EDGES OF DOOR AND SHALL EXTEND 5' FROM WALL. FINISH GRADE OF PAD SHALL BE 1/2 INCH BELOW FINISH FLOOR ELEVATION AT BUILDING FACE AND SLOPE AT 1/4 INCH PER FOOT AWAY FROM BUILDING. PROVIDE EXPANSION JOINT MATERIAL WHERE PAD ABUTS BUILDING.
3. SEE MECHANICAL AND ELECTRICAL PLANS FOR CONCRETE PAD LOCATIONS FOR EQUIPMENT.
4. SEE SHEET C-9 FOR FENCE DETAILS.
5. SEE SHEET C-11 FOR TYPICAL PAVEMENT SECTIONS.
6. ALL CONCRETE FOR WALKS, PADS, PAVEMENT SHALL BE 3000 PSI AIR ENTRANED (AE).
7. AT SUBSTANTIAL COMPLETION OF CONSTRUCTION ALL EXISTING SITE ROADS AND RIGHT TURN LANE AT RIVER ROAD, WHICH HAVE ASPHALT BASE (i.e. BM-2) PAVEMENT SHALL BE THOROUGHLY CLEANED WITH MECHANICAL BROOM AND HIGH PRESSURE WATER OF ALL DIRT, DEBRIS AND SURFACE ROUGHNESS; ALL POTHOLES AND DAMAGED PAVEMENT SHALL BE PATCHED TO THE SATISFACTION OF THE OWNER (SEE SHEET C-11); AND INSTALL TACK COAT (i.e. 0.10 GALLONS PER SQUARE YARD CRS-1,CRS-1B OR CSS-1B) AND 1.5 INCHES OF TYPE SM-2A ASPHALT SURFACE COURSE (i.e. 172.5 POUNDS PER SQUARE YARD).
8. AT SUBSTANTIAL COMPLETION OF CONSTRUCTION ALL EXISTING SITE ROADS, DRIVES AND PARKING LOTS THAT HAVE GRAVEL SURFACES, EXCEPT ROAD 'F' AND ROAD 'H', SHALL HAVE APPROXIMATELY 1 INCH OF AGGREGATE MATERIAL STRIPPED FROM THE SURFACE AND THE SURFACE SHALL BE REGRADED TO A SMOOTH FINISH CONFORMING TO THE PROPOSED GRADING PATTERN AS INDICATED ON SHEET C-6, AND ALL POTHOLES AND PAVEMENT FAILURES SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER; AND 2.5 INCHES OF TYPE SM-2A ASPHALT SURFACE COURSE (i.e. 287.5 LBS/S.Y.) SHALL BE INSTALLED.
9. CONTRACTOR SHALL COORDINATE HIS WORK WITH THE WORK OF THE WORK RELEASE COMPLEX CONTRACTOR. ALL WORK REQUIRED FOR COMPLETION AND OCCUPANCY OF THE WORK RELEASE COMPLEX SHALL BE COMPLETED BEFORE NOVEMBER 1, 1995, INCLUDING PAVEMENT OVERLAYS ON THE ENTRANCE ROAD, ELEVATED WATER TANK, INLINE SHREDDER, PUMP STATION, FLOW METER, AND ASSOCIATED UNDERGROUND UTILITY WORK.

LEGEND:

REPRESENTS PROPOSED CONCRETE

Mark:	Date:	Description:

REVISIONS

Key Plan:

Architects / Engineers:

VOSBECK
DMJM
INCORPORATED

Architecture Planning Engineering
Suite 800, 1900 M Street, N.W., Washington, D.C. 20036

COMMONWEALTH OF VIRGINIA
STEPHEN C. CASTIGLIONI
No. 12997
PROFESSIONAL ENGINEER

Consultants:

LV. Harris and Assoc. Inc.	Associated Architects
Correctional Services Group	Program Verif, Operations
MMM Design Group	Civil Engineering
Systech Group, Inc.	Security
Foodesign Assoc. Inc.	Food Service
Leonard Smith and Assoc. Inc.	Cost Estimating
Polysonics	Acoustical Consultant

Drawing Title:

SITE LAYOUT & PAVING PLAN

DMJM Project No. 3053

Scale:	Date:	Drawing No.
1" = 50'	JULY 19, 1994	C-6
Drawn By: CADD/TSC	Approved By: SLC	