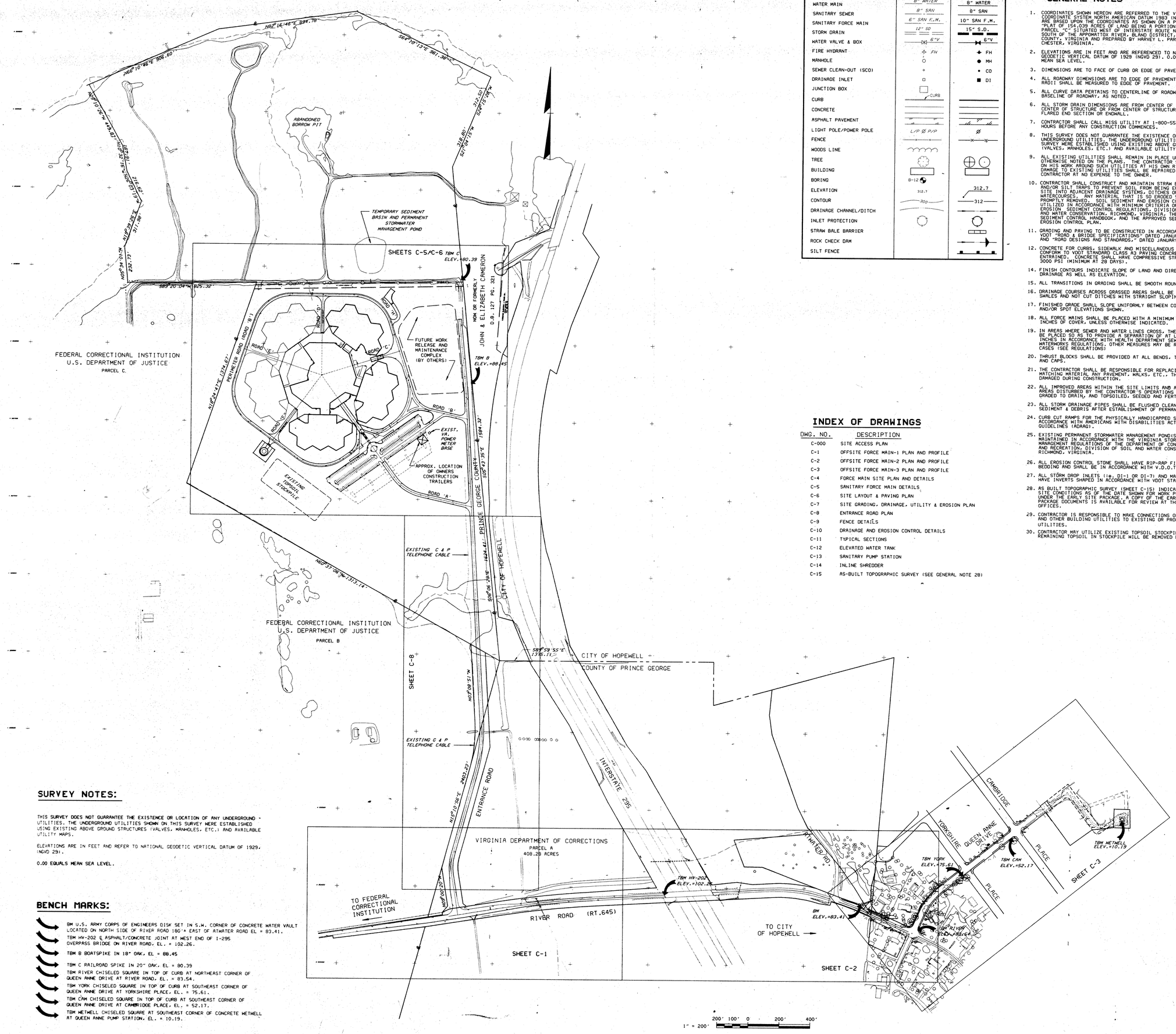

LEGEND

DESCRIPTION	EXISTING	PROPOSED
WATER MAIN	8" WATER	8" WATER
SANITARY SEWER	8" SAN	8" SAN
SANITARY FORCE MAIN	6" SAN F.M.	10" SAN F.M.
STORM DRAIN	12" SD	15" S.D.
WATER VALVE & BOX	6"V	6"V
FIRE HYDRANT	FH	FH
MANHOLE		MH
SEWER CLEAN-OUT (SCO)		CO
DRAINAGE INLET		DI
JUNCTION BOX		
CURB	CURB	
CONCRETE		
ASPHALT PAVEMENT		
LIGHT POLE/POWER POLE	L/P P/P	
FENCE		
WOODS LINE		
TREE		
BUILDING		
BORING	B-12	
ELEVATION	312.7	312.7
CONTOUR	300	312
DRAINAGE CHANNEL/DITCH		
INLET PROTECTION		
STRAW BALE BARRIER		
ROCK CHECK DAM		
SILT FENCE		

INDEX OF DRAWINGS

DWG. NO.	DESCRIPTION
C-000	SITE ACCESS PLAN
C-1	OFFSITE FORCE MAIN-1 PLAN AND PROFILE
C-2	OFFSITE FORCE MAIN-2 PLAN AND PROFILE
C-3	OFFSITE FORCE MAIN-3 PLAN AND PROFILE
C-4	FORCE MAIN SITE PLAN AND DETAILS
C-5	SANITARY FORCE MAIN DETAILS
C-6	SITE LAYOUT & PAVING PLAN
C-7	SITE GRADING, DRAINAGE, UTILITY & EROSION PLAN
C-8	ENTRANCE ROAD PLAN
C-9	FENCE DETAILS
C-10	DRAINAGE AND EROSION CONTROL DETAILS
C-11	TYPICAL SECTIONS
C-12	ELEVATED WATER TANK
C-13	SANITARY PUMP STATION
C-14	INLINE SHREDDER
C-15	AS-BUILT TOPOGRAPHIC SURVEY (SEE GENERAL NOTE 28)

GENERAL NOTES

1. COORDINATES SHOWN HEREON ARE REFERRED TO THE VIRGINIA STATE COORDINATE SYSTEM NORTH AMERICAN DATUM 1983 (NAD 83) AND ARE BASED UPON THE COORDINATES AS SHOWN ON A PLAT ENTITLED "PLAT OF 154.039 ACRES OF LAND BEING A PORTION OF EXCESS PARCEL "C" SITUATED WEST OF INTERSTATE ROUTE NO. 295 AND SOUTH OF THE APPOMATTOX RIVER, BLAND DISTRICT, PRINCE GEORGE COUNTY, VIRGINIA AND PREPARED BY HARVEY L. PARKS, INC., CHESTER, VIRGINIA.
2. ELEVATIONS ARE IN FEET AND ARE REFERENCED TO NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29). 0.00= MEAN SEA LEVEL.
3. DIMENSIONS ARE TO FACE OF CURB OR EDGE OF PAVEMENT.
4. ALL ROADWAY DIMENSIONS ARE TO EDGE OF PAVEMENT. ALL FILLET RADII SHALL BE MEASURED TO EDGE OF PAVEMENT.
5. ALL CURVE DATA PERTAINS TO CENTERLINE OF ROADWAY OR BASELINE OF ROADWAY, AS NOTED.
6. ALL STORM DRAIN DIMENSIONS ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE OR FROM CENTER OF STRUCTURE TO END OF FLARED END SECTION OR ENDWALL.
7. CONTRACTOR SHALL CALL MISS UTILITY AT 1-800-552-7001 AT LEAST 48 HOURS BEFORE ANY CONSTRUCTION COMMENCES.
8. THIS SURVEY DOES NOT GUARANTEE THE EXISTENCE OR LOCATION OF ANY UNDERGROUND UTILITIES. THE UNDERGROUND UTILITIES SHOWN ON THIS SURVEY WERE ESTABLISHED USING EXISTING ABOVE GROUND STRUCTURES (VALVES, MANHOLES, ETC.) AND AVAILABLE UTILITY MAPS.
9. ALL EXISTING UTILITIES SHALL REMAIN IN PLACE UNLESS OTHERWISE NOTED ON THE PLANS. THE CONTRACTOR SHALL CARRY ON HIS WORK AROUND SUCH UTILITIES AT HIS OWN RISK. ALL DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.
10. CONTRACTOR SHALL CONSTRUCT AND MAINTAIN STRAW BALE BARRIERS AND/OR SILT TRAPS TO PREVENT SOIL FROM BEING ERODED FROM SITE INTO ADJACENT DRAINAGE SYSTEMS, DITCHES OR WATERCOURSES. ANY MATERIAL THAT IS SO ERODED SHALL BE PROMPTLY REMOVED. SOIL SEDIMENT AND EROSION CONTROL TO BE UTILIZED IN ACCORDANCE WITH MINIMUM CRITERIA OF THE VIRGINIA EROSION & SEDIMENT CONTROL REGULATIONS, DIVISION OF SOIL AND AND WATER CONSERVATION, RICHMOND, VIRGINIA, THE EROSION AND SEDIMENT CONTROL HANDBOOK, AND THE APPROVED SEDIMENT AND EROSION CONTROL PLAN.
11. GRADING AND PAVING TO BE CONSTRUCTED IN ACCORDANCE WITH VDOT "ROAD & BRIDGE SPECIFICATIONS" DATED JANUARY 1991 AND "ROAD DESIGNS AND STANDARDS," DATED JANUARY 1, 1993.
12. CONCRETE FOR CURBS, SIDEWALK AND MISCELLANEOUS PADS SHALL CONFORM TO VDOT STANDARD CLASS A3 PAVING CONCRETE, AIR ENTRAINED. CONCRETE SHALL HAVE COMPRESSIVE STRENGTH OF 3000 PSI (MINIMUM AT 28 DAYS).
14. FINISH CONTOURS INDICATE SLOPE OF LAND AND DIRECTION OF DRAINAGE AS WELL AS ELEVATION.
15. ALL TRANSITIONS IN GRADING SHALL BE SMOOTH ROUNDED CURVES.
16. DRAINAGE COURSES ACROSS GRASSED AREAS SHALL BE ROUNDED SWALES AND NOT CUT DITCHES WITH STRAIGHT SLOPING SIDES.
17. FINISHED GRADE SHALL SLOPE UNIFORMLY BETWEEN CONTOURS AND/OR SPOT ELEVATIONS SHOWN.
18. ALL FORCE MAINS SHALL BE PLACED WITH A MINIMUM OF 36 INCHES OF COVER, UNLESS OTHERWISE INDICATED.
19. IN AREAS WHERE SEWER AND WATER LINES CROSS, THE LINES SHALL BE PLACED SO AS TO PROVIDE A SEPARATION OF AT LEAST 18 INCHES IN ACCORDANCE WITH HEALTH DEPARTMENT SEWERAGE AND WATERWORKS REGULATIONS. OTHER MEASURES MAY BE REQUIRED IN SOME CASES (SEE REGULATIONS)
20. THRUST BLOCKS SHALL BE PROVIDED AT ALL BENDS, TEES, PLUGS AND CAPS.
21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING WITH MATCHING MATERIAL ANY PAVEMENT, WALKS, ETC., THAT IS CUT OR DAMAGED DURING CONSTRUCTION.
22. ALL IMPROVED AREAS WITHIN THE SITE LIMITS AND ALL OTHER AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE GRADED TO DRAIN, AND TOPSOILED, SEEDED AND FERTILIZED.
23. ALL STORM DRAINAGE PIPES SHALL BE FLUSHED CLEAN OF ALL SEDIMENT & DEBRIS AFTER ESTABLISHMENT OF PERMANENT VEGETATION.
24. CURB CUT RAMPS FOR THE PHYSICALLY HANDICAPPED SHALL BE IN ACCORDANCE WITH AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG).
25. EXISTING PERMANENT STORMWATER MANAGEMENT POND(S) SHALL BE MAINTAINED IN ACCORDANCE WITH THE VIRGINIA STORMWATER MANAGEMENT REGULATIONS OF THE DEPARTMENT OF CONSERVATION AND RECREATION, DIVISION OF SOIL AND WATER CONSERVATION, RICHMOND, VIRGINIA.
26. ALL EROSION CONTROL STONE SHALL HAVE RIP-RAP FILTER CLOTH BEDDING AND SHALL BE IN ACCORDANCE WITH V.D.O.T. STD. EC-1.
27. ALL STORM DROP INLETS (ie. DI-1 OR DI-7) AND MANHOLES SHALL HAVE INVERTS SHAPED IN ACCORDANCE WITH VDOT STANDARD IS-1.
28. AS BUILT TOPOGRAPHIC SURVEY (SHEET C-15) INDICATES EXISTING SITE CONDITIONS AS OF THE DATE SHOWN FOR WORK PERFORMED UNDER THE EARLY SITE PACKAGE. A COPY OF THE EARLY SITE PACKAGE DOCUMENTS IS AVAILABLE FOR REVIEW AT THE OWNER'S OFFICES.
29. CONTRACTOR IS RESPONSIBLE TO MAKE CONNECTIONS OF ALL PLUMBING AND OTHER BUILDING UTILITIES TO EXISTING OR PROPOSED SITE UTILITIES.
30. CONTRACTOR MAY UTILIZE EXISTING TOPSOIL STOCKPILE, AS NEEDED. REMAINING TOPSOIL IN STOCKPILE WILL BE REMOVED BY OWNER.

SURVEY NOTES:

THIS SURVEY DOES NOT GURARANTEE THE EXISTENCE OR LOCATION OF ANY UNDERGROUND UTILITIES. THE UNDERGROUND UTILITIES SHOWN ON THIS SURVEY WERE ESTABLISHED USING EXISTING ABOVE GROUND STRUCTURES (VALVES, MANHOLES, ETC.) AND AVAILABLE UTILITY MAPS.

ELEVATIONS ARE IN FEET AND REFER TO NATIONAL GEODETIC VERTICAL DATUM OF 1929, (NGVD 29).

0.00 EQUALS MEAN SEA LEVEL.

BENCH MARKS:

BM U.S. ARMY CORPS OF ENGINEERS DISK SET IN S.W. CORNER OF CONCRETE WATER VAULT LOCATED ON NORTH SIDE OF RIVER ROAD 180'± EAST OF ATWATER ROAD EL = 83.41.

TBM HV-202 ℄ ASPHALT/CONCRETE JOINT AT WEST END OF I-295 OVERPASS BRIDGE ON RIVER ROAD, EL. = 102.26.

TBM B BOATSPIKE IN 18" OAK, EL = 88.45

TBM C RAILROAD SPIKE IN 20" OAK, EL = 80.39

TBM RIVER CHISELED SQUARE IN TOP OF CURB AT NORTHEAST CORNER OF QUEEN ANNE DRIVE AT RIVER ROAD, EL. = 83.54.

TBM YORK CHISELED SQUARE IN TOP OF CURB AT SOUTHEAST CORNER OF QUEEN ANNE DRIVE AT YORKSHIRE PLACE, EL. = 75.61.

TBM CAM CHISELED SQUARE IN TOP OF CURB AT SOUTHEAST CORNER OF QUEEN ANNE DRIVE AT CAMBRIDGE PLACE, EL. = 52.17.

TBM HETWELL CHISELED SQUARE AT SOUTHEAST CORNER OF CONCRETE HETWELL AT QUEEN ANNE PUMP STATION, EL. = 10.19.

Owner:

RIVERSIDE REGIONAL JAIL AUTHORITY

Project:

RIVERSIDE REGIONAL JAIL

PRINCE GEORGE COUNTY, VIRGINIA

Notes:

OWNER:
RIVERSIDE REGIONAL JAIL AUTHORITY
P.O. BOX 1041
1000 RIVER ROAD
HOPEWELL, VA 23860
ATTENTION: THOMAS W. COCKERELL, AIA
PROJECT COORDINATOR
PHONE: (804) 732-0125
FAX: (804) 732-1597

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 L. 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 ACCESS PLAN AND GENERAL NOTES

DMJM Project No. 3053

Scale: 1" = 200'	Date: JULY 19, 1994	Drawing No. C-000
Drawn By: CADD/TSC	Approved By: SLC	