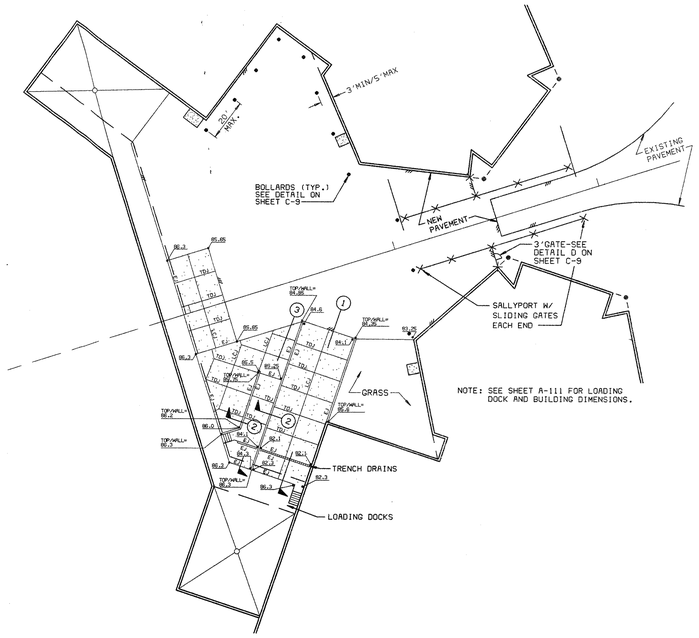
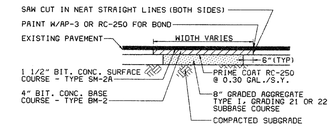


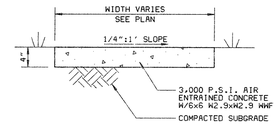
LOADING DOCKS & SALLYPORT

SCALE: 1" = 25'



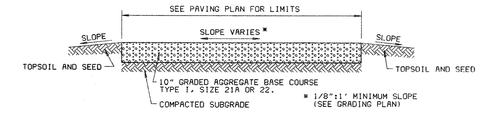
PAVEMENT PATCH FOR ENTRANCE ROAD, ON SITE ROADS, OR PARKING LOTS

NOT TO SCALE



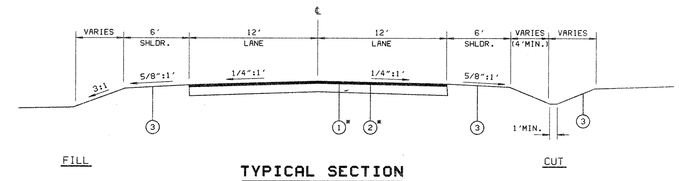
SIDEWALK DETAIL

NOT TO SCALE



NEW GRAVEL PAVEMENT

NOT TO SCALE



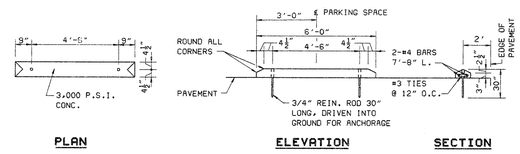
FILL — CUT

TYPICAL SECTION

NOT TO SCALE

ENTRANCE ROAD	ROAD 'A'	ROAD 'B'
STA. 10+00 TO STA. 48+84.33	STA. 10+00 TO STA. 16+71.54	STA. 10+00 TO STA. 12+40.92 STA. 12+97.26 TO STA. 15+82.89

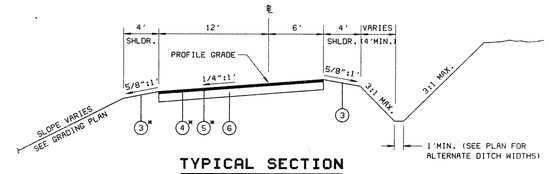
* NOTE: 1 1/2" SM-2A ASPHALT SURFACE COURSE (1) AND TACK COAT (2) SHALL BE INSTALLED AT SUBSTANTIAL COMPLETION OF CONSTRUCTION. ALSO, ADD 1 1/2" TOPSOIL AND SEEDING ON SHOULDERS AND FINE GRADE AS INDICATED. ON PERIMETER ROAD REMOVE TOP 1"± GRAVEL SURFACE (6) AND FINE GRADE AND OVERLAY WITH 2 1/2" SM-2A ASPHALT SURFACE COURSE (4) AND PRIME COAT (5).



PLAN — ELEVATION — SECTION

CONCRETE PARKING BUMPER

NOT TO SCALE

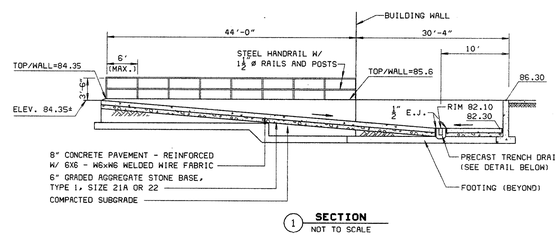


TYPICAL SECTION

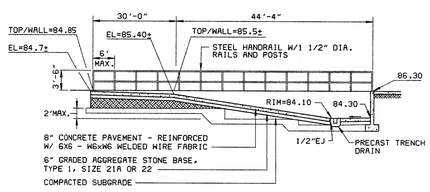
NOT TO SCALE

PERIMETER ROAD (ROAD 'B')

STA. 18+06.89 TO 43+95.06

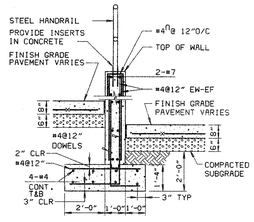


1 SECTION
NOT TO SCALE



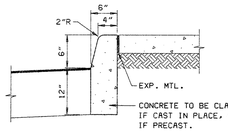
3 SECTION
NOT TO SCALE

NOTE:
PROVIDE 3" DIA. WEEP HOLES 1 EACH WALL 2" ABOVE SLAB AND COVER DRAIN WITH 12"x 12" PLASTIC HARDWARE CLOTH 1/4" MESH OR GALV. STEEL WIRE, MIN. WIRE DIA. 0.03 INCH, NO. 4 MESH HARDWARE CLOTH ANCHORED FIRMLY TO OUTSIDE OF STRUCTURE.



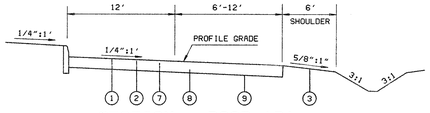
2 SECTION

DEPRESSED LOADING DRIVEWAY



VDOT STD. CG-2 CONCRETE CURB

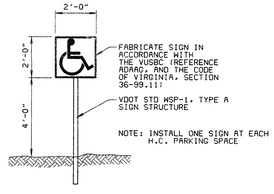
NOT TO SCALE



SECTION - ROAD 'B'

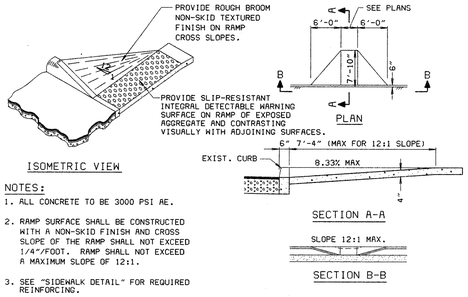
NOT TO SCALE

STA. 43+95.06 TO STA. 46+68.38



HANDICAP SIGN

NOT TO SCALE

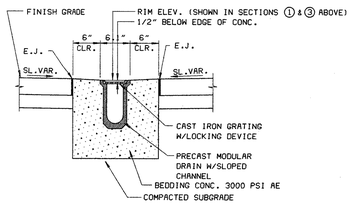


NOTES:

1. ALL CONCRETE TO BE 3000 PSI AE.
2. RAMP SURFACE SHALL BE CONSTRUCTED WITH A NON-SKID FINISH AND CROSS SLOPE OF THE RAMP SHALL NOT EXCEED 1/4"/FOOT. RAMP SHALL NOT EXCEED A MAXIMUM SLOPE OF 12:1.
3. SEE "SIDEWALK DETAIL" FOR REQUIRED REINFORCING.

HANDICAP RAMP DETAILS

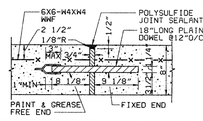
NOT TO SCALE



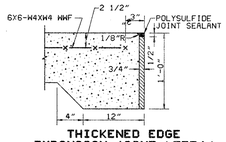
TRENCH DRAIN DETAIL

NOT TO SCALE

1. DEPTH OF SLOT DRAIN SHALL VARY FROM 6" TO 8" ACROSS THE TRUCK LOADING DOCK.
2. THE SLOT DRAIN SHALL BE MODULAR PRECAST, PRESLOPED TRENCH DRAN OF A POLYMER CONCRETE MATERIAL.
3. PROVIDE LOCKABLE CAST IRON GRATES WITH PENTA-HEADED BOLTS WITH GASKET.

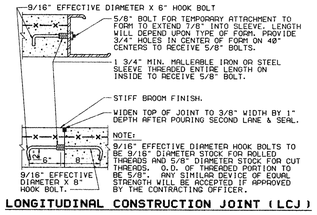


TRANSVERSE EXPANSION JOINT (TEJ)
LONGITUDINAL EXPANSION JOINT (LEJ)

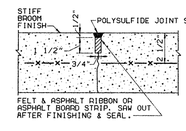


THICKENED EDGE EXPANSION JOINT (TEEJ)

(EDGE CONDITION SIMILAR AT EDGE OF SLAB)



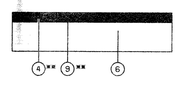
LONGITUDINAL CONSTRUCTION JOINT (LCJ)



TRANSVERSE DUMMY JOINT (TDJ)

8" CONCRETE PAVEMENT AND JOINTS

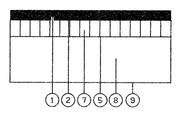
NOT TO SCALE



MAIN PARKING LOT

NOT TO SCALE

** NOTE: ASPHALT (4) AND PRIME COAT (5) FOR MAIN PARKING LOT (ADJACENT TO ROAD 'A') ARE TO BE INSTALLED AT SUBSTANTIAL COMPLETION STAGE. REMOVE TOP 1"± EXISTING GRAVEL SURFACE (6) AND FINE GRADE AND OVERLAY WITH 2 1/2" SM-2A ASPHALT SURFACE (4) AND PRIME COAT (5).



NEW ASPHALT PAVEMENT

NOT TO SCALE

(1) 1 1/2" SM-2A ASPHALT SURFACE COURSE (172.5 #/S.Y)
(2) TACK COAT - 0.10GAL./S.Y. CRS-1, CRS-1B OR CSS-1B
(3) TOPSOIL AND SEED
(4) 2 1/2" SM-2A ASPHALT SURFACE COURSE (287.5 #/S.Y.)
(5) PRIME COAT - 0.30 GAL./S.Y. CRS-2
(6) REMOVE 1"± EXISTING GRAVEL SURFACE AND FINE GRADE. REPAIR ALL POTHOLES, RUTS, ETC. WITH MIN. 8" STONE BASE (8).
(7) 4" BM-2 ASPHALT BASC COURSE (460 #/S.Y.)
(8) 8" TYPE I, SIZE 21A OR 22 AGGREGATE SUBBASE COURSE *
(9) COMPACTED SUBGRADE
(10) V.D.O.T. STD CG-2 CONCRETE CURB OVER 4" OF TYPE I, SIZE 21A OR 22 AGGREGATE BASE COURSE

TYPICAL PAVEMENT SECTIONS

*NOTE: AGGREGATE SUB BASE COURSE SHALL EXTEND 1' BEYOND EDGES OF LANE.

Owner:

RIVERSIDE REGIONAL JAIL AUTHORITY

Project:

RIVERSIDE REGIONAL JAIL

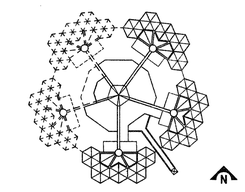
PRINCE GEORGE COUNTY, VIRGINIA

Notes:

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. CASTIGLIONE
No. 12997
PROFESSIONAL ENGINEER

Consultants:

I.V. 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:

TYPICAL SECTIONS AND DETAILS

DMJM Project No. 3053

Scale: AS SHOWN	Date: JULY 19, 1994	Drawing No.
Drawn By: CADD/TSC	Approved By: SLC	C-11