

BLACK HILL REGIONAL PARK ENGINEERING AND DESIGN OF PAVED TRAIL PICNIC LANE TO SPINNING WHEEL DRIVE



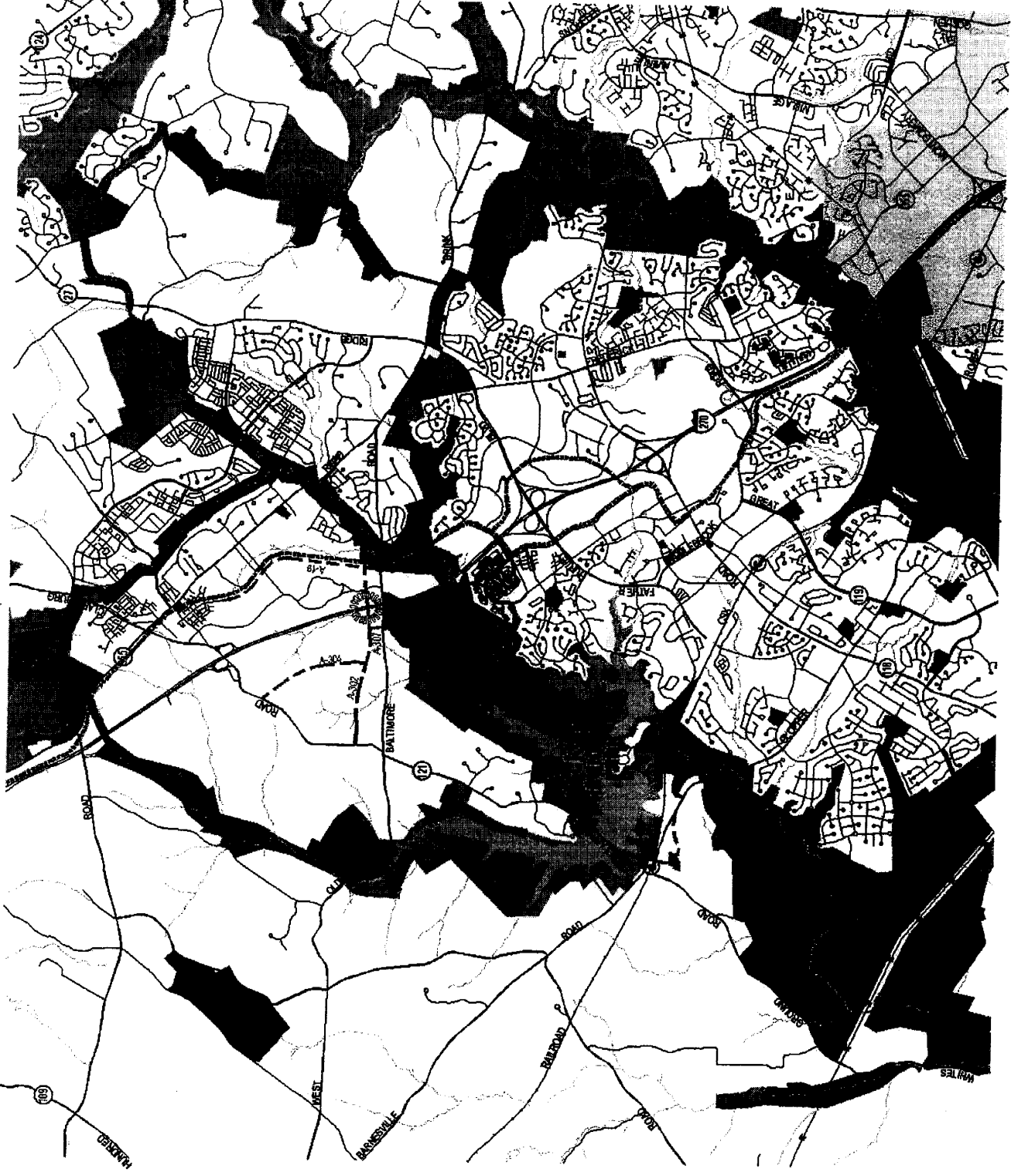
Frederick Ward Associates, Inc.
Montgomery County Department of Park and

Planning

M-NCPPC



M-NCPPC



- EXISTING ROADS
- - - PROPOSED ROADS
- PROPOSED TRANSITWAY

VICINITY MAP
Black Hill Regional Park

frederick ward associates, inc

engineers • architects • surveyors 5 south main street bel air, maryland 410-875-2090 fax 410-895-1043

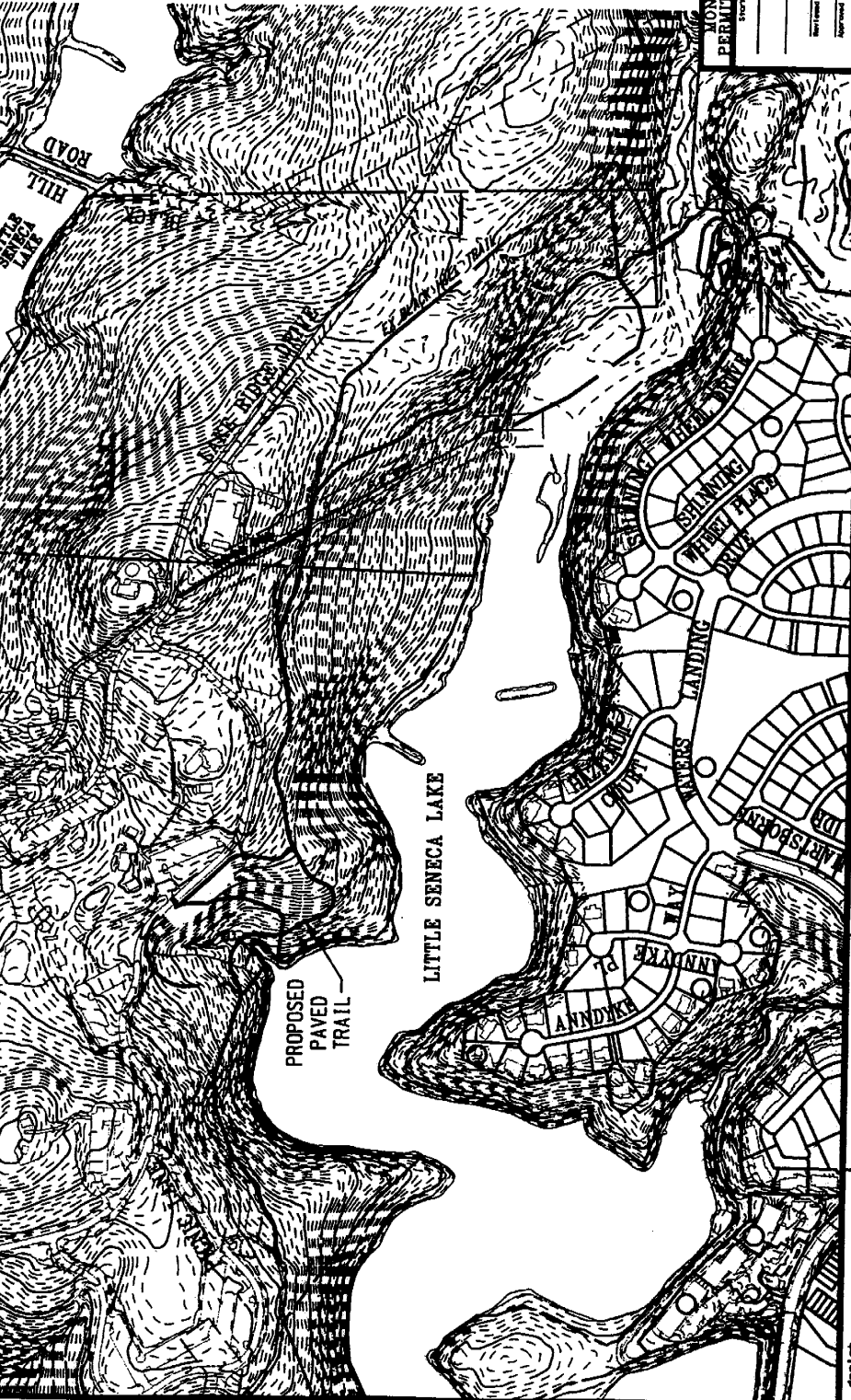


BLACK HILL REGIONAL PARK

PAVED TRAIL FROM PICNIC LANE TO SPINNING WHEEL DRIVE

MONTGOMERY COUNTY DEPARTMENT OF PARK & PLANNING

M-NCPPC SPR No. 2000-07

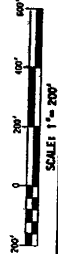


SHEET INDEX

- 1 - TITLE SHEET
- 2 - PAVED TRAIL PLAN STA 0+00.00 TO 10+00.17
- 3 - PAVED TRAIL PLAN STA 10+00.17 TO 23+83.83
- 4 - PAVED TRAIL PLAN STA 23+83.83 TO 31+98.43
- 5 - PAVED TRAIL PLAN STA 31+98.43 TO 37+45.74
- 6 - PAVED TRAIL PLAN STA 37+45.74 TO 44+08.22
- 7 - PAVED TRAIL PLAN STA 44+08.22 TO 54+04.27

LEGEND

- BOUNDARY LINE
- EX CONTOURS
- EX TREE/TREELINE
- PROPOSED PAVED TRAIL
- EX TRAIL
- EX STRUCTURE
- PROP CONTOURS



FREDERICK WARD ASSOCIATES, INC.
 P.O. Box 727, 2 South Main Street, Baltimore, Maryland 21201-0727
 Phone: (410) 528-3300 Fax: (410) 528-1343
 Columbia, Maryland

MONTGOMERY COUNTY DEPT OF PARKS & PLANNING
 PRELIMINARY SERVICES APPROVED FOR:
 PROJECT: _____ DATE: _____
 APPROVED: _____ DATE: _____
 REVIEWED: _____ DATE: _____

TITLE SHEET
 BLACK HILL REGIONAL PARK
 PAVED TRAIL FROM PICNIC LANE TO SPINNING WHEEL DRIVE
 MONTGOMERY COUNTY DEPARTMENT OF PARK & PLANNING
 PROJECT SPR No. 2000-07

MONTGOMERY COUNTY
 scale: 1" = 200'
 sheet 1 of 7

The Maryland-National Capital
 Park and Planning Commission
 9500 Brubert Avenue
 Silver Spring, Maryland 20901
 Montgomery County Department of Parks
 (301) 495-2535

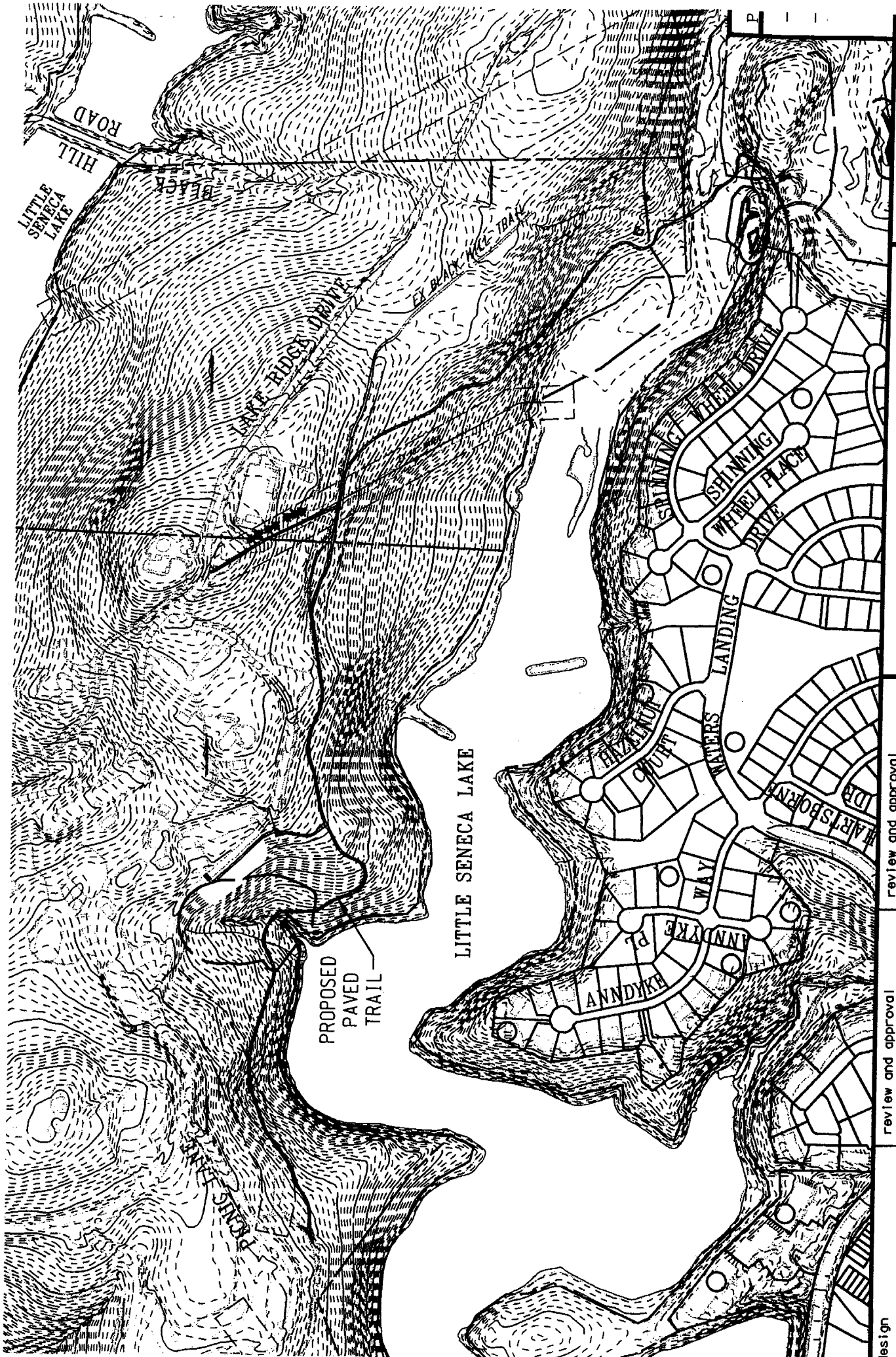
review and approval	DATE
county director of parks	DATE
park director	DATE

review and approval	DATE
park development division	DATE
general maintenance	DATE
regional	DATE
regional resources	DATE

design	DATE
landscape architect	DATE
architect	DATE
engineer	DATE
surveyor	DATE

revisions:

NO.	DATE	DESCRIPTION



HILL ROAD
LITTLE SENECA LAKE

PROPOSED PAVED TRAIL

LITTLE SENECA LAKE

ANDDYKA PL
ANDDYKA

WAY

MAYERS LANDING

HAYSTACK COURT

SPINNING WHEEL DRIVE

SHINING WHEEL PLACE

WHEEL DRIVE

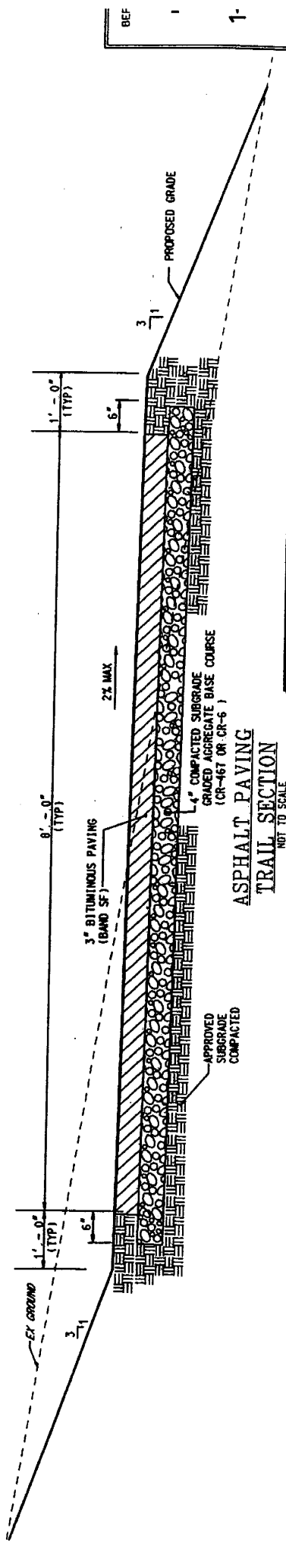
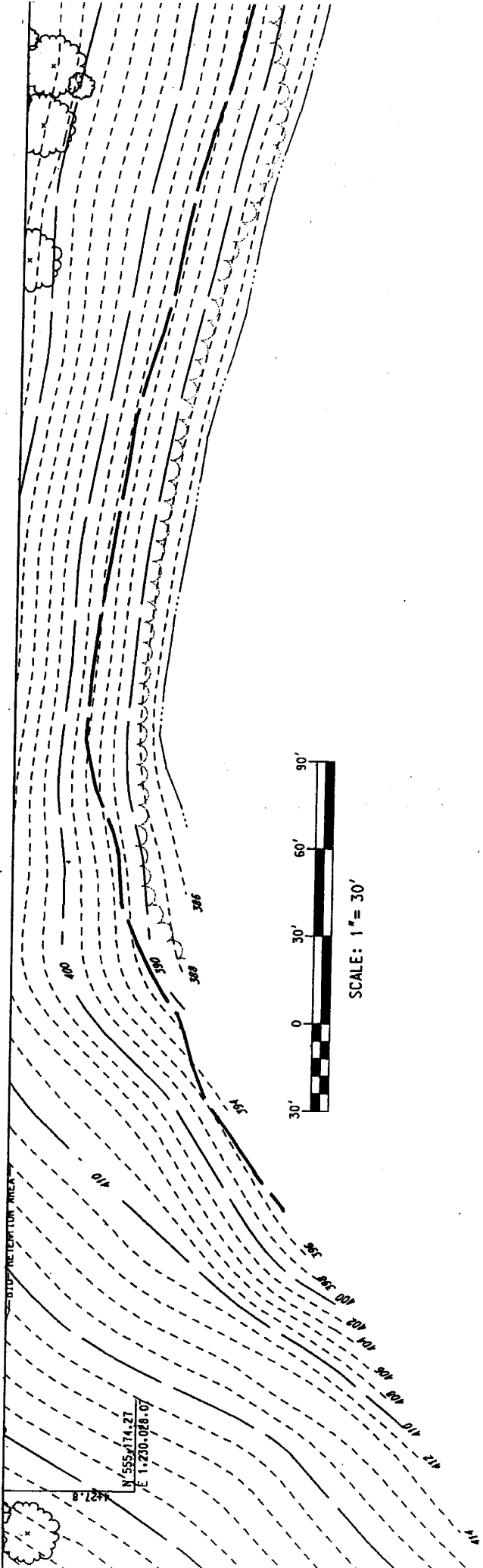
design

review and approval

review and approval

The Maryland-National Capital

revisions:



ASPHALT PAVING TRAIL SECTION
NOT TO SCALE

MONTGOMERY COUNTY DEPT OF PERMITTING SERVICES APPROVED FOR:

NOTE: THE Admini: Review SED MOPS APPROVAL THE DATE OF J UNLES

Sediment Control Technical Requirements

Stormwater Management:

Reviewed _____ Date _____

Approved _____ Date _____

project: PAVED TRAIL PLAN (STA 0+00 TO 0+100)

FREDERICK WARD ASSOCIATES, INC.
 P.O. Box 727, 5 South Main Street Bel Air, Maryland 21014-0727
 Phone: 410-878-2090 or 410-838-7800 Fax: 410-893-1243
 Columbia, Maryland

Warrenton, Virginia

ENGINEERS ARCHITECTS SURVEYORS

revisions:

rev. no.	date	description

The Maryland-National Capital Park and Planning Commission

ADA SLOPE GUIDELINES

(As Applicable to M-NCPPC Trails)

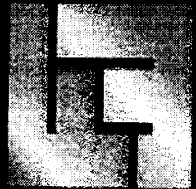
<u>SLOPE</u> (%)	<u>MAX. RESTING PAD INTERVAL</u>
Up to 1 : 20 (Up to 5%)	NONE
1 : 20 to 1 : 12 (5% to 8.33%)	200 FEET
1 : 12 to 1 : 10 (8.33% to 10.0%)	30 FEET
1 : 10 to 1 : 8 (10% to 12.5%)	10 FEET

Max. Sideslope: 5%

No more than 30% of total trail length may exceed a running slope of 8.33%

Conditions that permit departures from specific technical provisions:

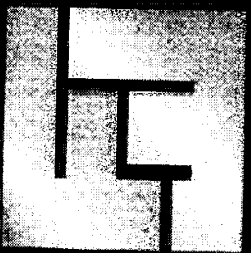
- 1) Where compliance would cause substantial harm to cultural, historic, religious or significant natural features or characteristics.
- 2) Where compliance would substantially alter the nature of the setting or the purpose of the facility.
- 3) Where compliance would require construction methods or materials that are prohibited by Federal, State, or local regulations or statutes.
- 4) Where compliance would not be feasible due to terrain or the prevailing construction practices.



From: *Regulatory Negotiation Committee on Accessibility guidelines for
Outdoor Developed Areas Final Report, September 30, 1999
(<http://www.access-board.gov/outdoor/outdoor-rec-rpt.htm>)*

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COMMENTS AND QUESTIONS



M-NCPPC