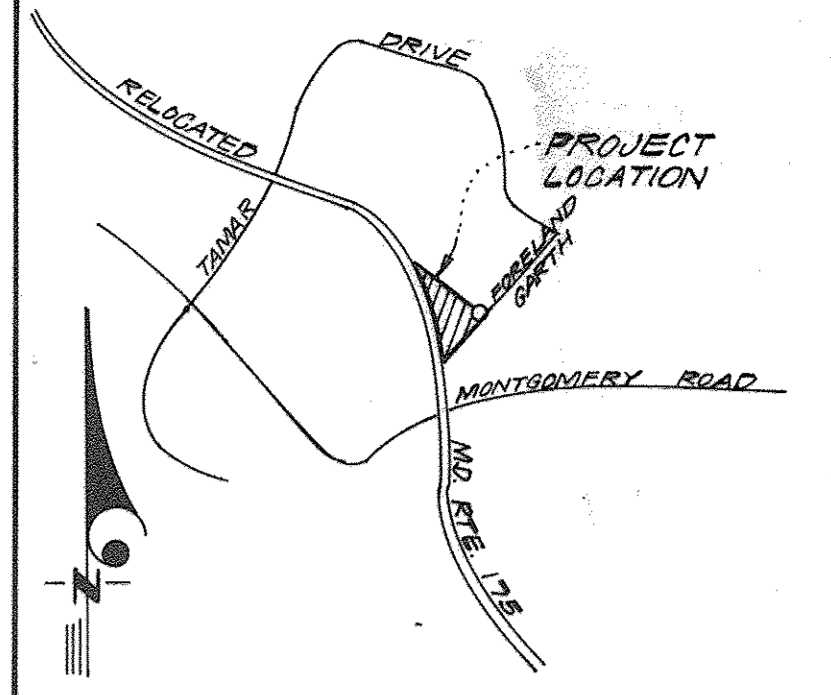


RELOCATED MARYLAND

ROUTE 175

LEGEND

- 1. Contour Interval 2 Ft
- 2. Existing Contour
- 3. Proposed Contour
- 4. Spot Elevation
- 5. Direction of Drainage
- 6. Existing Trees to be Retained
- 7. Proposed Storm Drainage
- 8. Storm Drainage by others
- 9. Retaining Wall
- 10. Handicap Parking Sign



SITE ANALYSIS

- 1. Zoning: New Town, Land Use: Apartment
- 2. Area: 3.134 Acres
- 3. Maximum No. of Units Permitted: 50
- 4. Number of Units Shown: 50 Units for Elderly
- 5. Parking Spaces Required: 20 (30 Units @ 0.4 Spaces per Unit)
- 6. Parking Spaces Provided: 20 (INCLUDING 2 HANDICAP SPACES)
- 7. Building Coverage: 22.5%

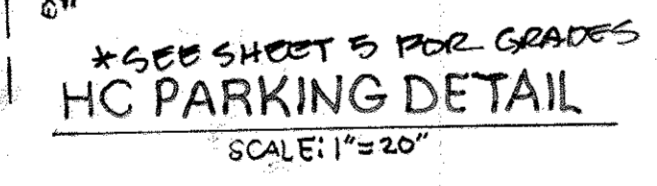
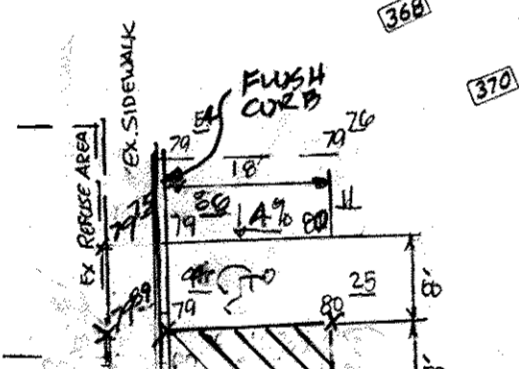
GENERAL NOTES

- 1. The Lots shown on this plan are covered by amended Final Development Plan Phase 151-A, recorded as Plat # 3054-A-6-718.
- 2. Recording Reference: Recorded as Plat No. 3918
- 3. The Area covered in this submission is located on Tax Map No. 38.
- 4. All Coordinates are based on Maryland State Grid System. Elevations are based on U.S. Coast and Geodetic Survey Mean Sea Level Datum of 1929.
- 5. All Driveways & Parking Areas are Privately Owned & Maintained.
- 6. Installation of all traffic control devices, markings and signing, shall be in accordance with the latest Edition of the Manual of Uniform Traffic Control Devices.
- 7. Construction will be in accordance with the Howard County Road Construction Code and Standard Specifications and Maryland State Roads Commission Specifications for Materials, Highway Bridges and Incidental Structures, dated March 1968, and revisions thereof or additions thereto.
- 8. Call "Miss Utility" 24 hrs in advance of construction (Phone 553-0100).
- 9. Roof Storm Water carried in downspouts will be handled by splashblock and discharged to ground having good drainage - see architectural drwg.
- 10. Units A-5, D-1, D-5, and C-10 are designated for Handicapped.
- 11. Entrance Lead Walks to Units A-5, D-1 & D-5 are to be ramped up to within 2" of FF Elevation (8% Max. slope) for wheelchairs.
- 12. Handicap Parking Spaces shall be signed for "Handicap Parking Only" on permanent metal standard in accordance with the latest Edition of the Manual of Uniform Traffic Control Devices. - See this Sheet for location (=H.P.S.)
- 13. No off Site Utility construction is required.
- 14. Setback Requirements are met as per Variance Petition VP-78-66

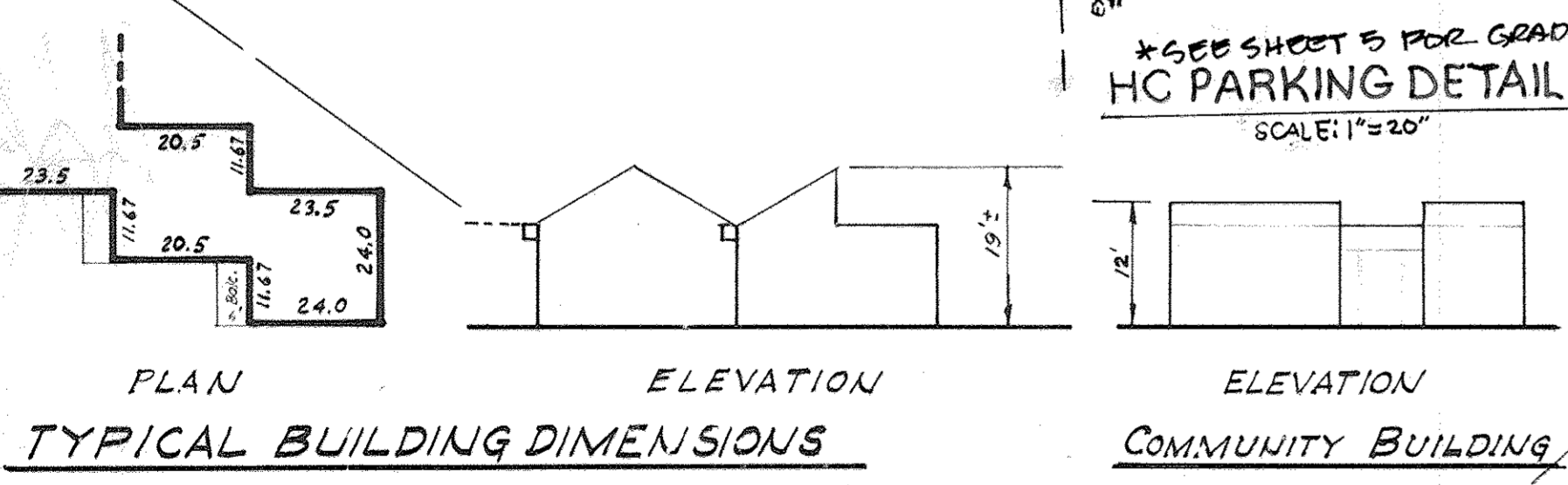
BUFFER PLANT LIST

KEY	PLANT NAME	SIZE
⊕	Acer Rubrum Red Maple	2 1/2-3' Cal. 12-14' Ht.
⊖	Quercus Palustris Pin Oak	2 1/2-3' Cal. 12-14' Ht.
⊕	Malus Floribunda Japanese Flowering Crabapple	2-2 1/2' Cal. 8-10' Ht.
⊕	Pinus Strobus Eastern White Pine	2-2 1/2' Cal. 6-8' Ht.
⊕	Pinus Strobus Eastern White Pine	2 1/2-3' Cal. 8-10' Ht.

NOTE: All Plant Material and Planting to be in accordance with standard H.R.D. Columbia Planting Specifications.



NOTE: Extreme Care should be taken when grading in area of Ex. 12" Gas Main.



BUILDING	STREET ADDRESS
A	6200 FORELAND GARTH (UNITS A-K)
B	6220 FORELAND GARTH (UNITS A-T)
C	6260 FORELAND GARTH (UNITS A-J)
D	6280 FORELAND GARTH (UNITS A-I)
COMMUNITY BUILDING	6240 FORELAND GARTH

PERMIT INFORMATION CHART					
SUBDIVISION NAME:	SECTION/AREA:	LOT/PARCEL #:			
COLUMBIA VILLAGE OF LONGREACH (SHALOM SQUARE)	1/7	PARCEL A-2			
PLAT NO.	GRID NO.	ZONE	TAX MAP	ELECTION DISTRICT	CENSUS TRACT
3918	12	NT	36	G+H	GOSH1

NO.	BY	REVISION	DATE
2	BEI	REMOVE WATER ROOMS, PROVIDE BARBER FREE ACCESSIBILITY TO 5 UNITS & RETAIL OFFICE	11-28-17
1	BEI	ADD WATER ROOMS AND NEW HANDICAP PARKING	4-16-2012

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.  
 License No. 22390 Expiration Date: 6-30-19  
 For Revision #2 only by Benchmark Engineering



Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.  
 License No. 28559 Expiration Date: 7-22-13  
 FOR REVISION BY BENCH MARK ENGINEERING INC. ONLY 1,  
 5/1/2012

OWNER/DEVELOPER  
 HERITAGE HOUSING PARTNERS, CORP.  
 9770 PATUXENT WOODS DRIVE, M.S. 305  
 COLUMBIA, MD 21046  
 443-518-7625

APPROVED  
 PLANNING BOARD  
 OF HOWARD COUNTY  
 DATE 3-1-78

Donald B. Sackett  
 3/10/78

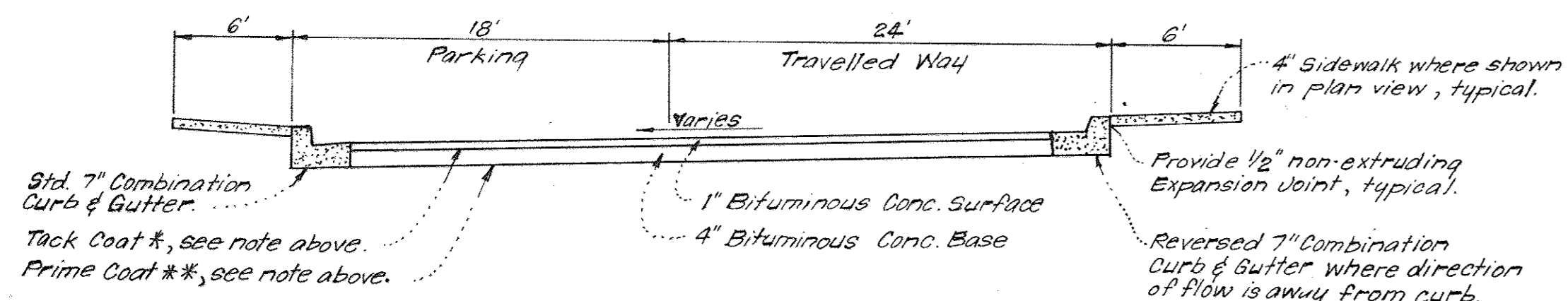
HUD Submission July 2, 1977 - RESUBMITTED 10/11/77; 11/7/77; 11/21/77

CLARK • FINEFROCK & SACKETT  
 ENGINEERS • PLANNERS • SURVEYORS  
 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 693-3400

DESIGNED	W.H.T.	SITE DEVELOPMENT PLAN SHALOM SQUARE HOUSING FOR THE ELDERLY, AGE RESTRICTED	SCALE
DRAWN	K.I.W.		1"=30'
CHECKED	D.B.S.	COLUMBIA VILLAGE OF LONGREACH SECTION 1 AREA 7 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	DRAWING
DATE	June, 1977		1 of 5
		FOR: METCALF & ASSOCIATES 1054 31 Street N.W. Washington D.C. 20007	SHEET NO. <b>SD1</b> FILE NO. 1279-X

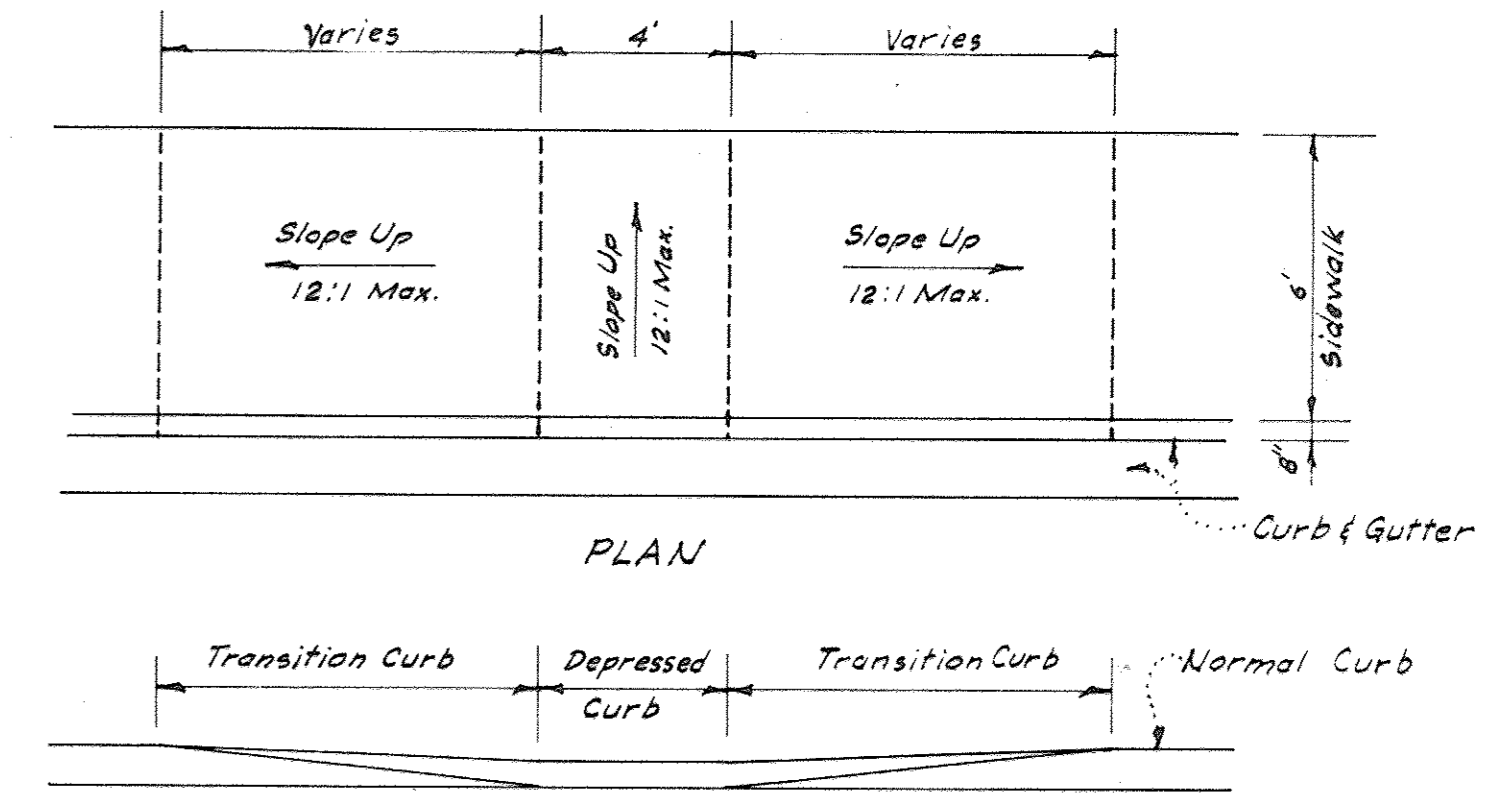
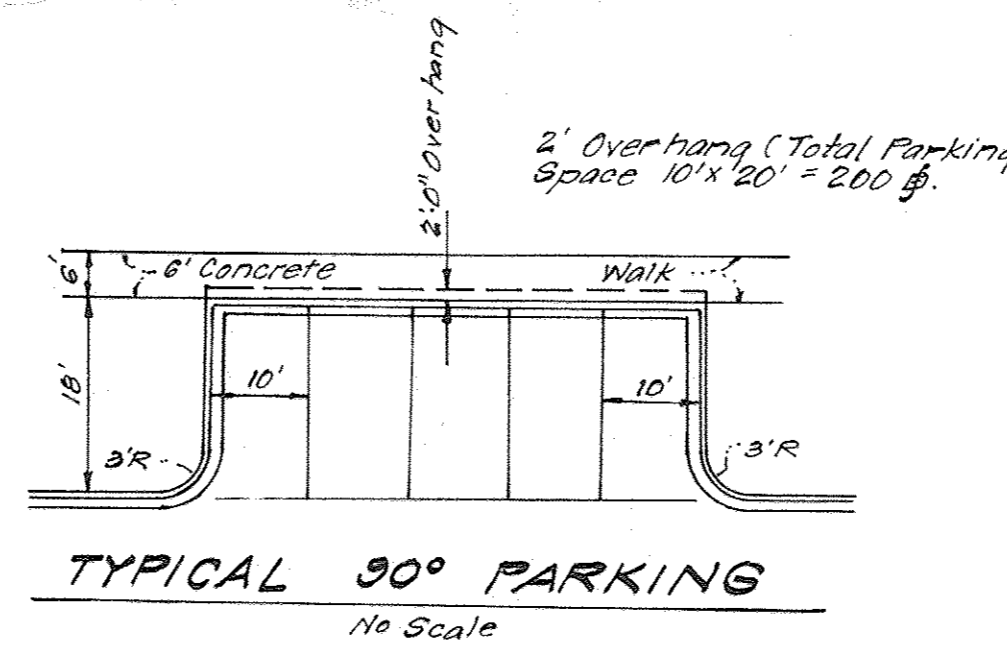
SDP-78-10c

\* Tack Coat 4" Base Course in accordance with Howard County Std. Specs. Sect. C-31-4.  
 \*\* Prime Coat ex. Sub Base in accordance with Howard County Std. Specs. Sect. C-30-3.

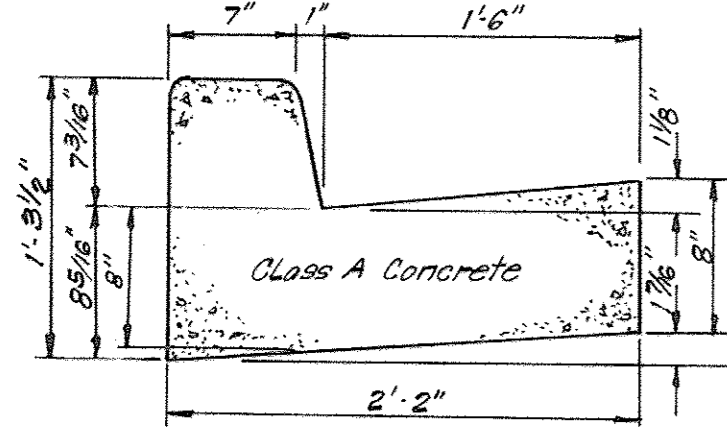


**TYPICAL PAVING SECTION PRIVATE DRIVE AND PARKING**  
 No Scale

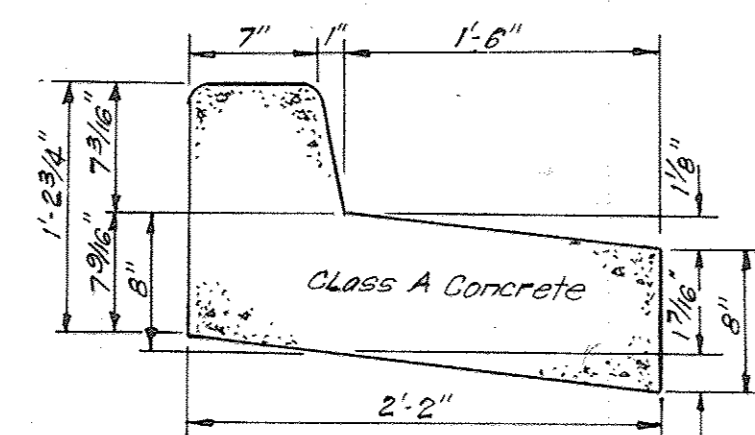
**TYPICAL FIRE LAKE PAVING SECTION**  
 No Scale



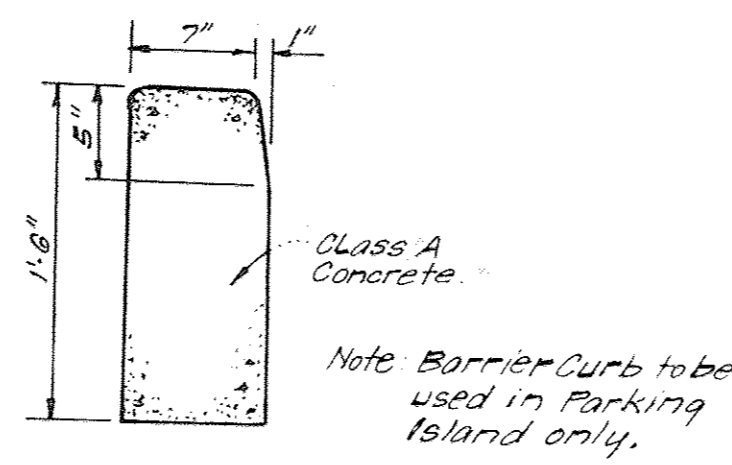
**WHEEL CHAIR RAMP TYPE A**  
 No Scale



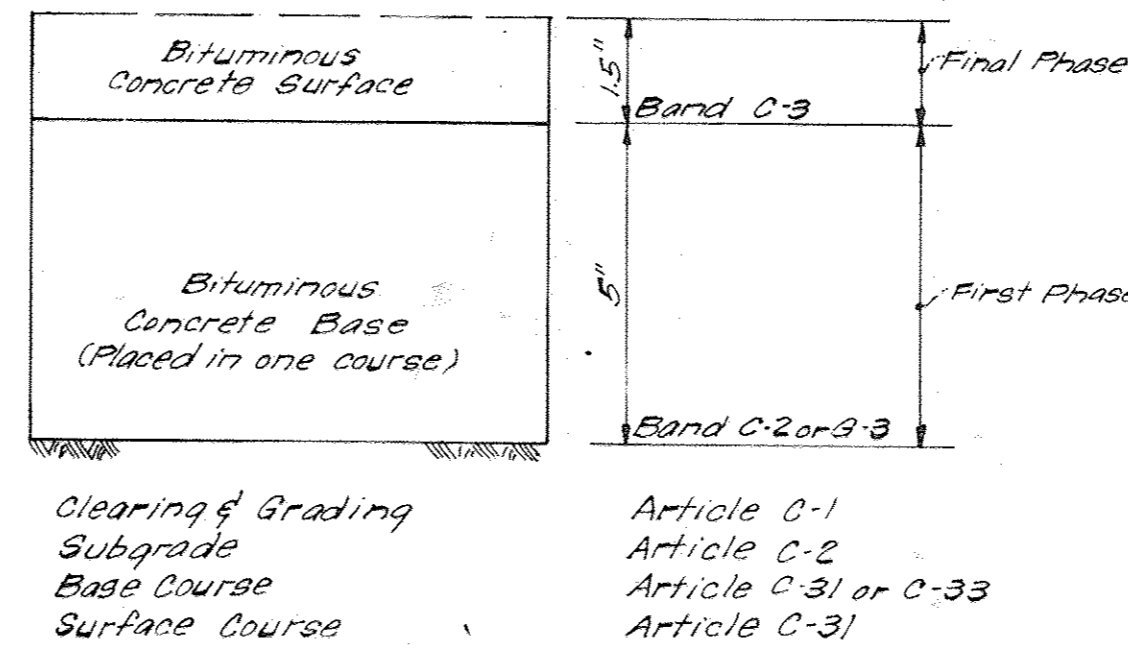
**STANDARD 7" COMBINATION CURB & GUTTER**  
 No Scale



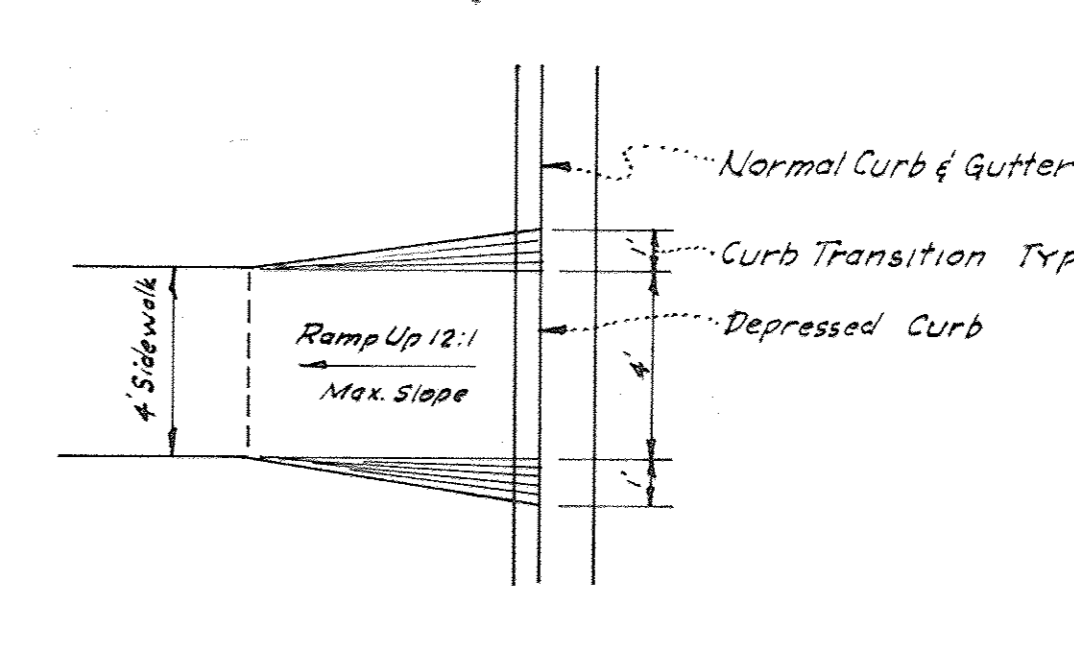
**REVERSE 7" COMBINATION CURB & GUTTER**  
 No Scale



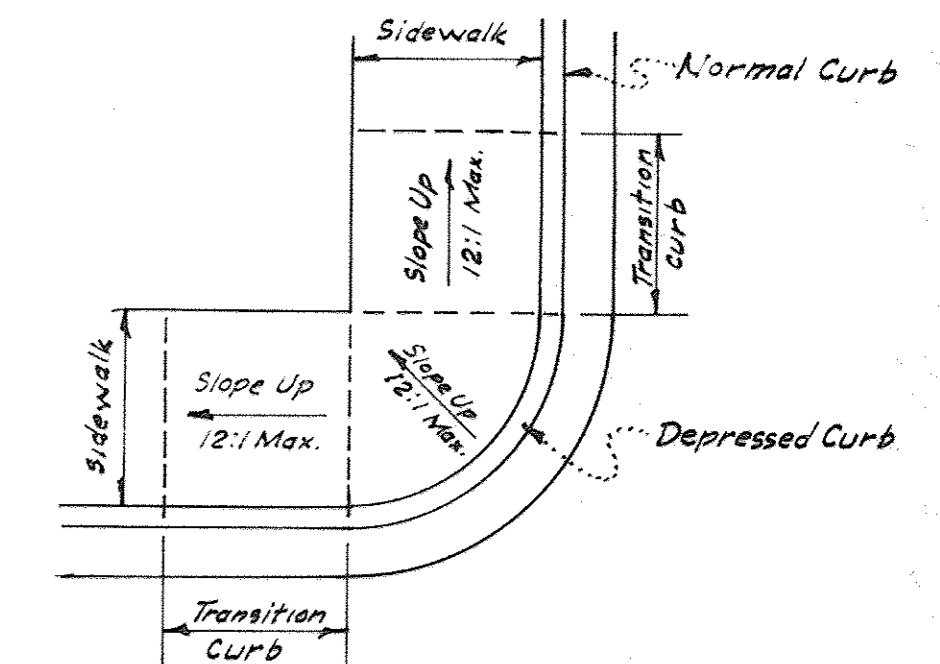
**BARRIER CURB**  
 No Scale



**PAVEMENT REPLACEMENT FOR ENTRANCES INTO PUBLIC ROADS**  
 To be constructed in accordance with the Howard County Road Construction Code and Specifications.



**PLAN - WHEEL CHAIR RAMP TYPE B**  
 No Scale



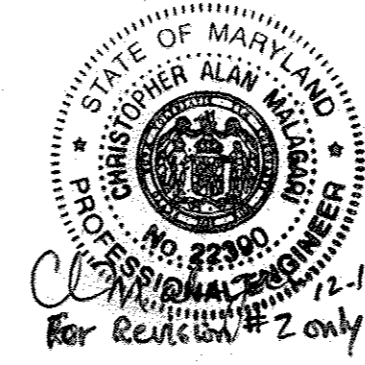
**PLAN - WHEEL CHAIR RAMP TYPE C**  
 No Scale

STRUCTURE SCHEDULE						
No	TYPE	INVERT IN	INVERT OUT	TOP ELEVATION UPPER LOWER	REMARKS	LOCATION
I-2	"S" Inlet	-	389.95	382.70	Howard Co. Std. SDD/43	See Plan
I-7	A-10 Inlet	-	375.65	379.00	Howard Co. Std. D-64-A Pg. 119-A W-2-6	See Plan
M-6	Manhole	374.45	374.25	381.10	Howard Co. Std. D-103 Pg. 158 Da-4	See Plan
I-5	A-10 Inlet	373.90	373.45	381.60	Howard Co. Std. D-64-A Pg. 119-A W-2-6	See Plan
S-9	End of 6" C.M.P.	356.00	356.00	-	-	See Plan
I-10	Yard Inlet	356.50	356.50	357.80	See Detail, this sheet	See Plan

PIPE SCHEDULE		
SIZE	TYPE	LENGTH
15"	R.C.P. CL IX	130'
15"	R.C.P. CL III	42'
12"	R.C.P. CL IX	30'

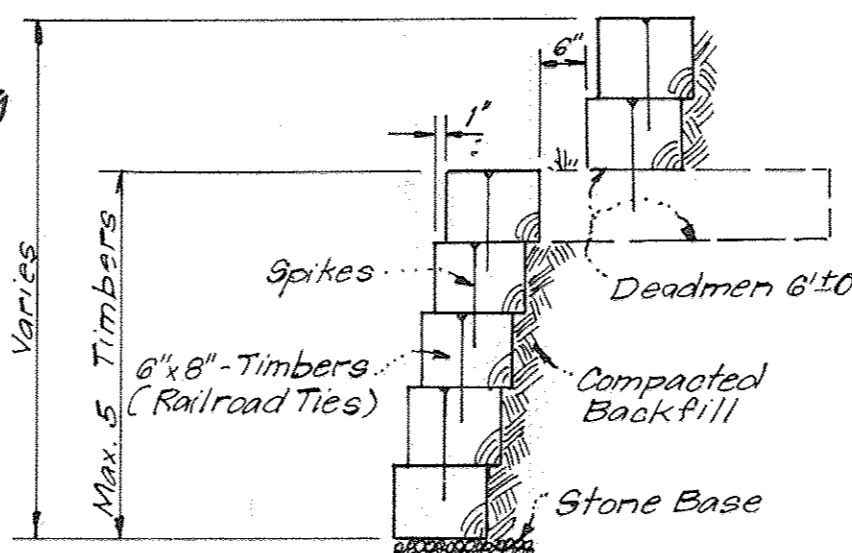
Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.  
 License No. 22390, Expiration Date: 6-30-19

for Revision # 2 only by Benchmark Engineering

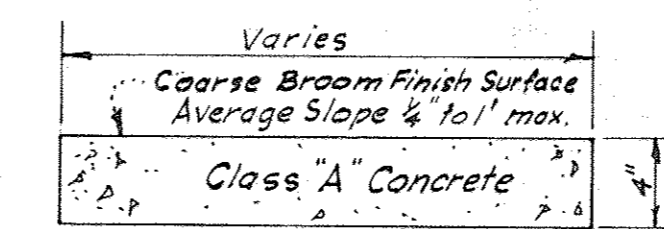


Approved **WES EARP** Date 3-17-78  
 Howard S.C.D.

Reviewed for **HOWARD** S.C.D.  
 and meets Technical Requirements  
**C. Wayne King** Date 3-14-78  
 Signature  
 U.S. Soil Conservation Service



**TIMBER RETAINING WALL**  
 No Scale



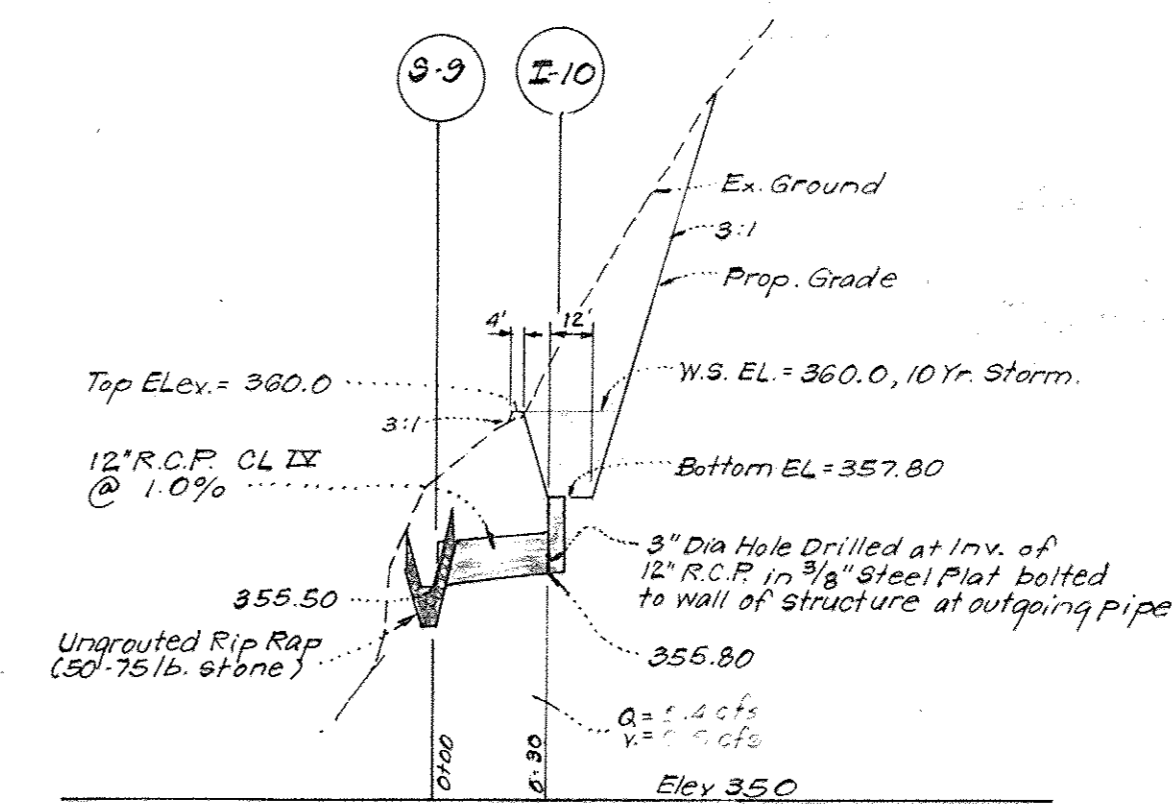
**CONCRETE WALKS DETAIL**  
 No Scale

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.  
 License No. 28559, Expiration Date: 7-22-13

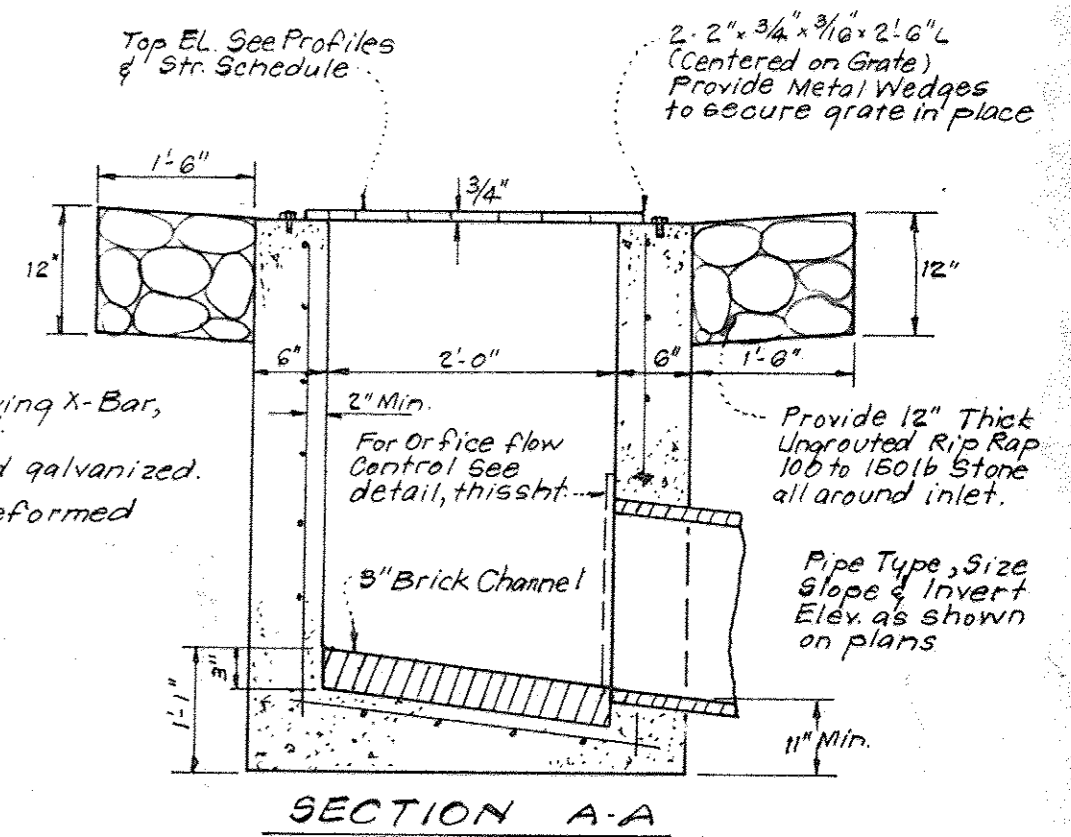
FOR REVISIONS BY BENCHMARK ENGINEERING INC ONLY.



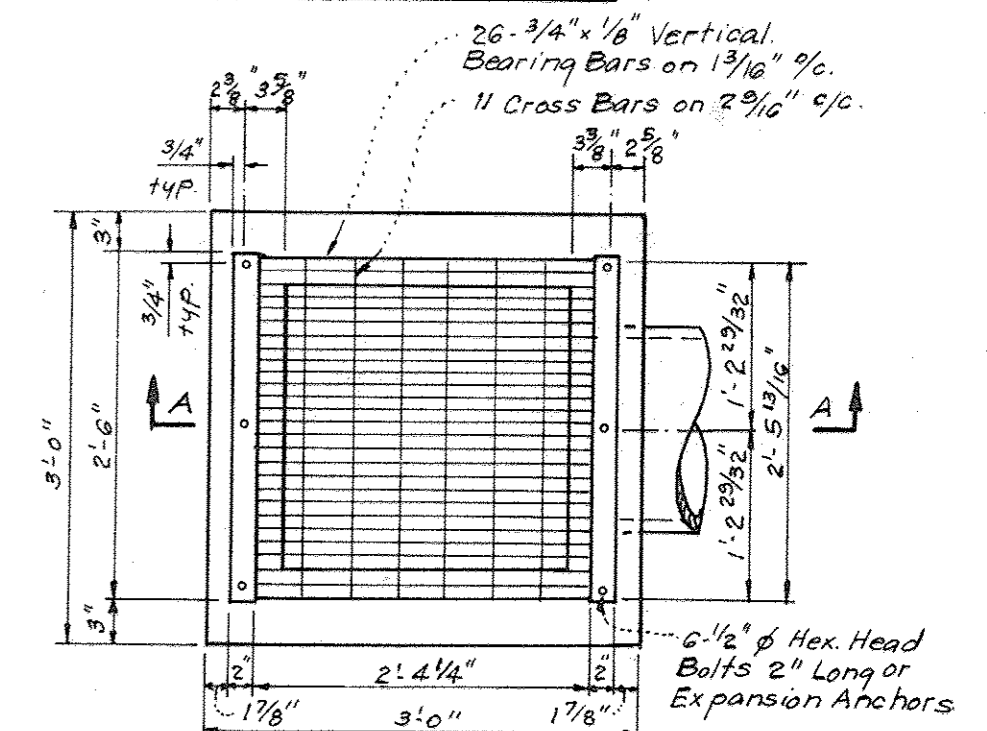
To be constructed in accordance with article C-35 of the Howard County Road Construction Code & Specifications



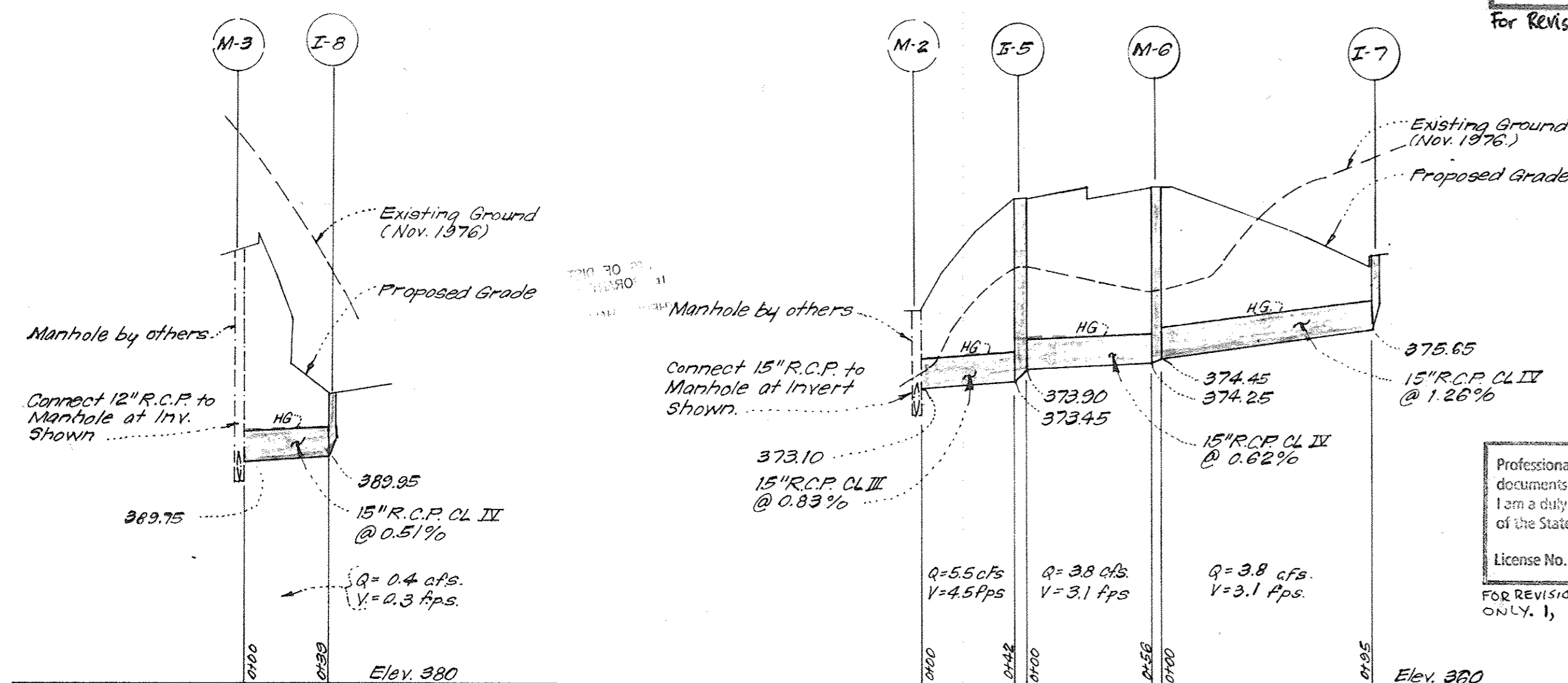
**SECTION 'A-A' A**  
 No Scale



**SECTION A-A**



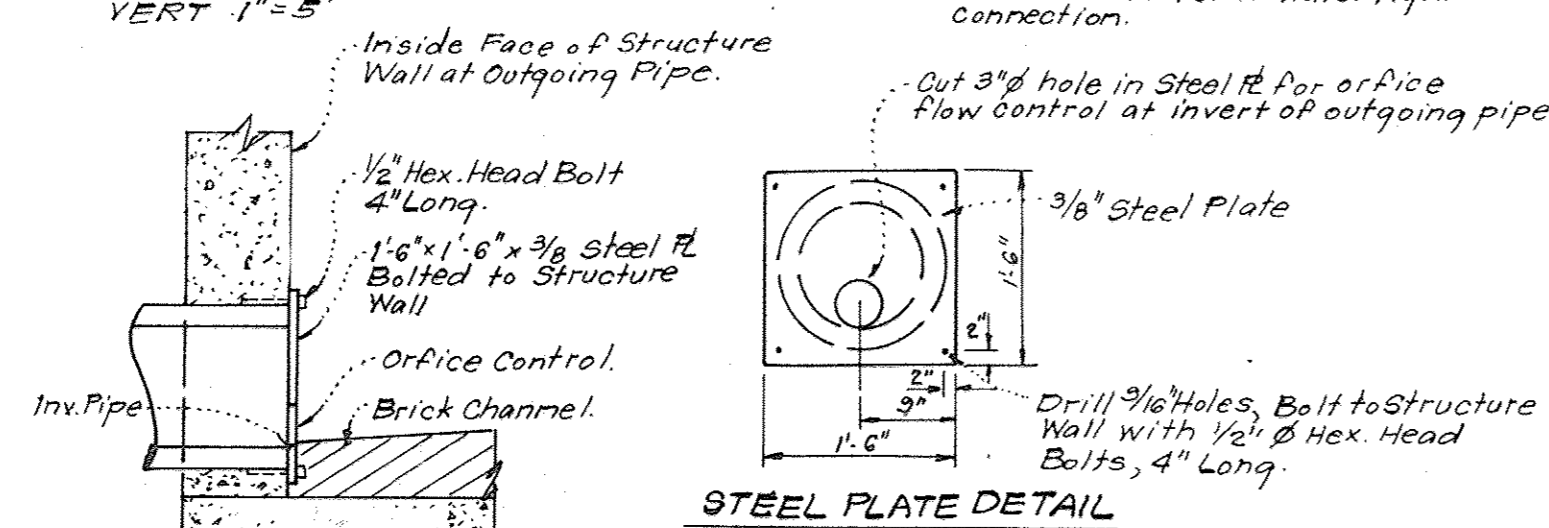
**YARD INLET DETAIL**  
 STR. No. I-10  
 No Scale



**STORM DRAIN PROFILES**

SCALE: HORIZ. 1"=50'  
 VERT. 1"=5'

Note: Apply Water proofing to Face of Steel Plate prior to Bolting to Structure to form watertight connection.



**STEEL PLATE CONNECTION**

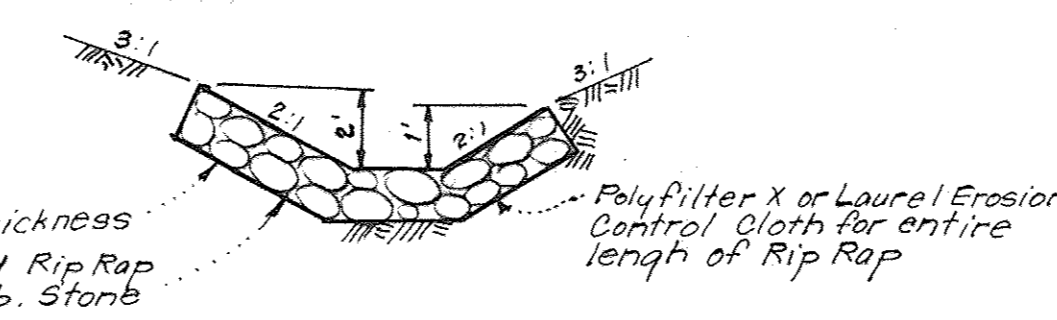
**STEEL PLATE DETAIL**

**FLOW CONTROL DETAIL**

**STR. No. I-10**  
 No Scale

NO.	BY	UPDATE OWNER/DEVELOPER	DATE
2	BEI	UPDATE OWNER/DEVELOPER	11-28-17
1	BEI	REVISE TITLE BLOCK	4-16-2012
	BY		

**RIP RAP PAVING SECTION (AT STRUCTURE S-9)**  
 No Scale  
 Note: Section Taken Looking Upstream.



**APPROVED PLANNING BOARD OF HOWARD COUNTY**  
 DATE 3-1-78

OWNER/DEVELOPER  
 HERITAGE HOUSING PARTNERS CORP.  
 9770 PAVEMENT WOODS DRIVE  
 M.S. 305  
 COLUMBIA, MD 21076  
 443-518-7085



HUD Submission July 29 1977 - RESUBMITTED 10/11/77; 11/7/77; 11/21/77

**CLARK • FINEFROCK & SACKETT**  
 ENGINEERS • PLANNERS • SURVEYORS  
 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED R. U.S.	<b>SITE DEVELOPMENT PLAN PROFILES AND DETAILS</b> SHALOM SQUARE HOUSING FOR THE ELDERLY AGE RESTRICTED <b>COLUMBIA</b> VILLAGE OF LONGREACH SECTION AREA 7 6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: METCALFE & ASSOCIATES 1054 91 Street N.W. Washington D.C. 20007 SDP-78-10c See Also 1249-5E	SCALE As Shown
DRAWN K.I.W.		DRAWING 2 of 5
CHECKED D.B.S.		SHEET NO. <b>SD2</b>
DATE June, 1977		FILE NO. 1279-X

**APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT**  
**John A. Braslow** 3-22-78  
 COUNTY HEALTH OFFICER DATE

**APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING**  
**PLANNING DIRECTOR** DATE 3-22-78  
 CHIEF DIVISION OF LAND DEVELOPMENT

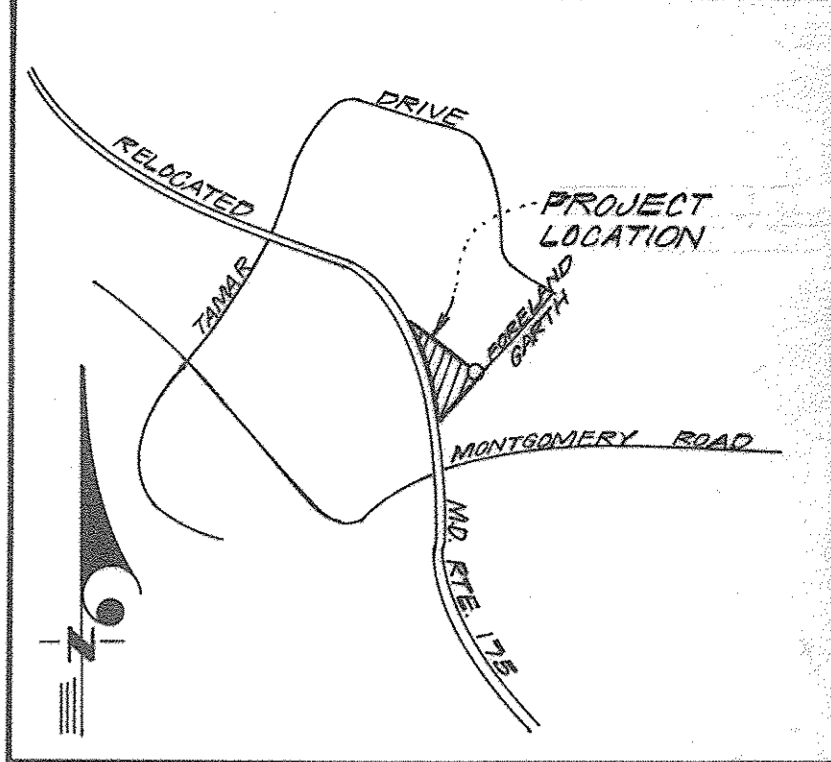
**APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS**  
**W.O. Sackett** 3-17-78  
 CHIEF BUREAU OF ENGINEERING DATE

RELOCATED MARYLAND

ROUTE 175

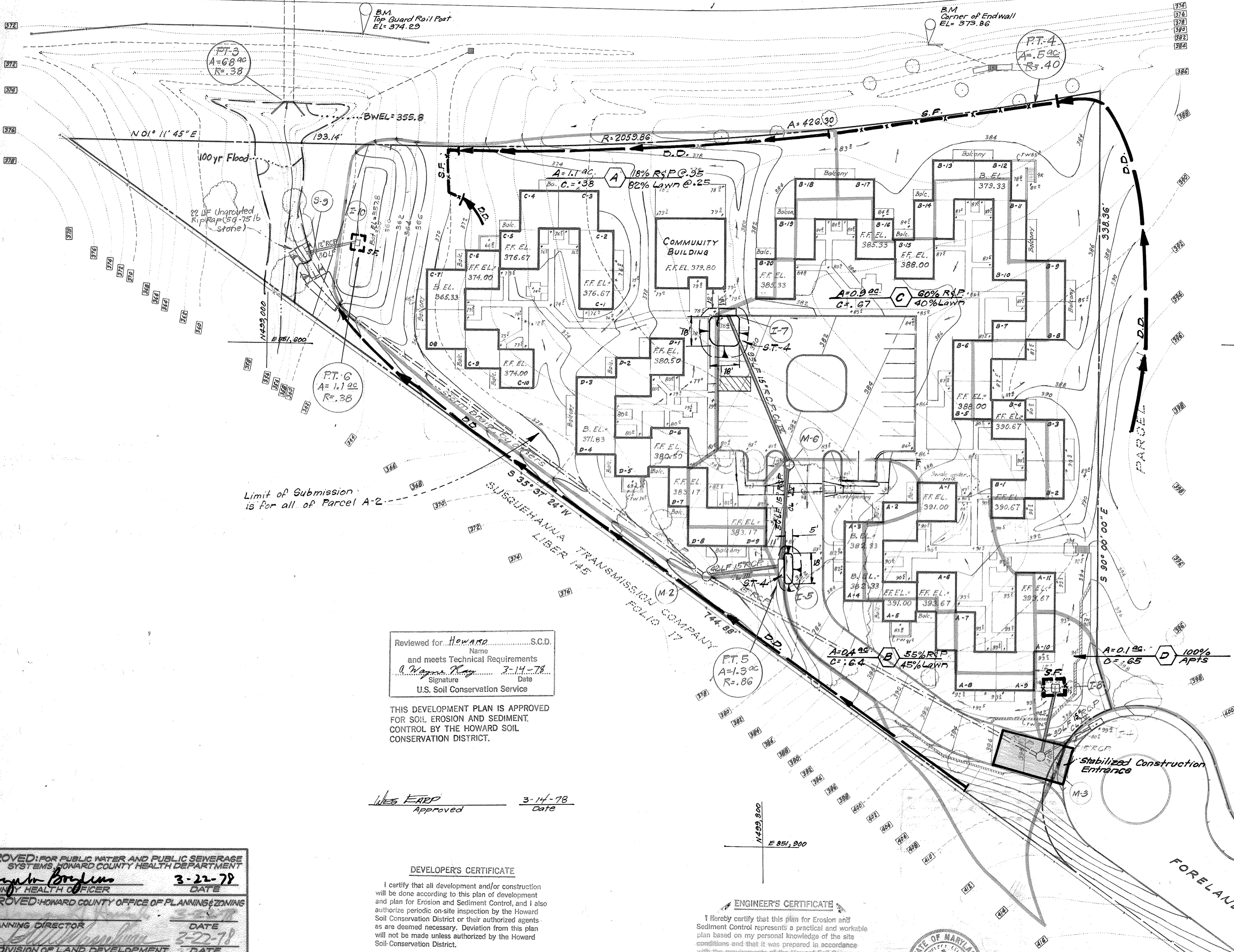
LEGEND

1. Contour Interval 2 FT.
2. Existing Contour - - - - -
3. Proposed Contour - - - - -
4. Spot Elevation + 0.05
5. Direction of Drainage
6. Existing Trees to be Retained
7. Proposed Storm Drainage
8. Storm Drainage by others
9. Retaining Wall
10. Diversion Dike
11. Silt Fence
12. Stabilized Construction Entrance



THIS DRAWING FOR SOIL EROSION CONTROL IS FOR USE ONLY DURING THE CONSTRUCTION PERIOD.

VICINITY MAP Scale: 1"=2000'



Limit of Submission is for all of Parcel A-2

Reviewed for HOWARD S.C.D. Name and meets Technical Requirements of Howard County 3-14-78 Signature Date U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

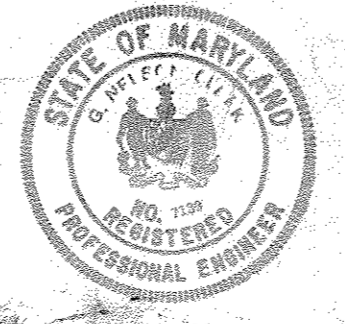
WES EAPP Approved 3-14-78 Date

DEVELOPER'S CERTIFICATE I certify that all development and/or construction will be done according to this plan of development and plan for Erosion and Sediment Control, and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

Joseph M. Marshall Signature 7-8-77 Date

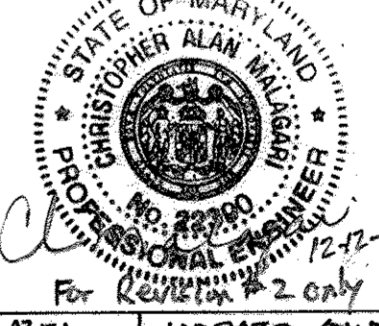
ENGINEER'S CERTIFICATE I hereby certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

G. Nelson Clark Signature 6-28-77 Date

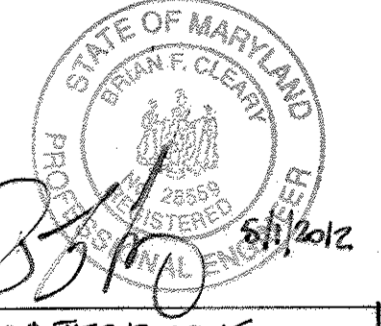


OWNER/DEVELOPER HERITAGE HOUSING PARTNERS, CORP. 9770 EASTVIEW WOODS DRIVE, H.S. 305 COLUMBIA, MO 21046 443-518-7665

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland. License No. 2239D Expiration Date: 6-30-19 For Revision # 2 only by Benchmark Engineering



Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland. License No. 28559 Expiration Date: 7/22/13 FOR REVISION BY BENCHMARK ENGINEERING, INC. ONLY: 1)



NO.	BY	REVISION	DATE
2	BE1	UPDATE OWNER/DEVELOPER REMOVE WATER ROOMS	11-23-17
1	BE1	ADD WATER ROOMS AND NEW HANDICAP PARKING	4-16-2012

APPROVED PLANNING BOARD OF HOWARD COUNTY DATE 3-1-78

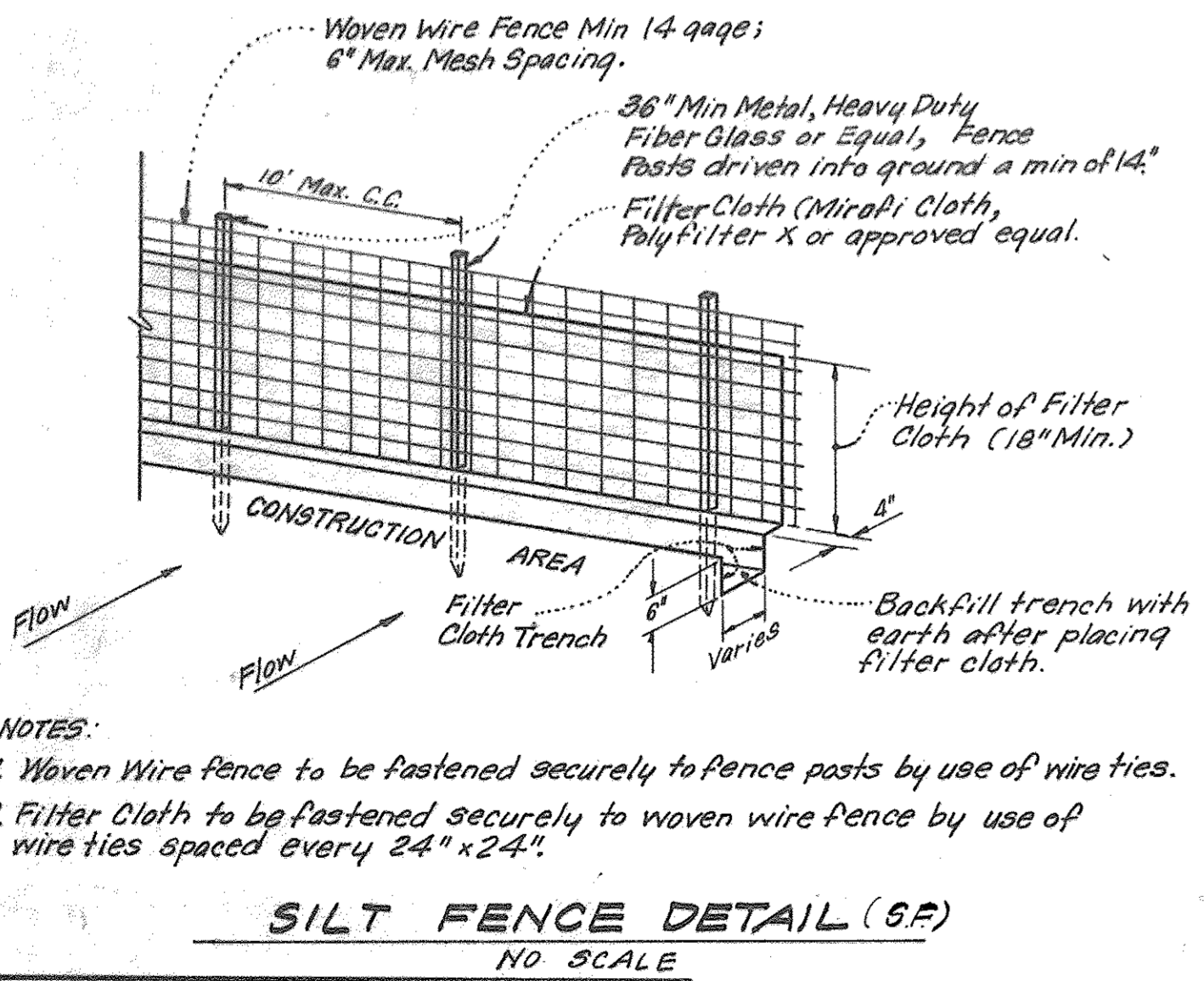
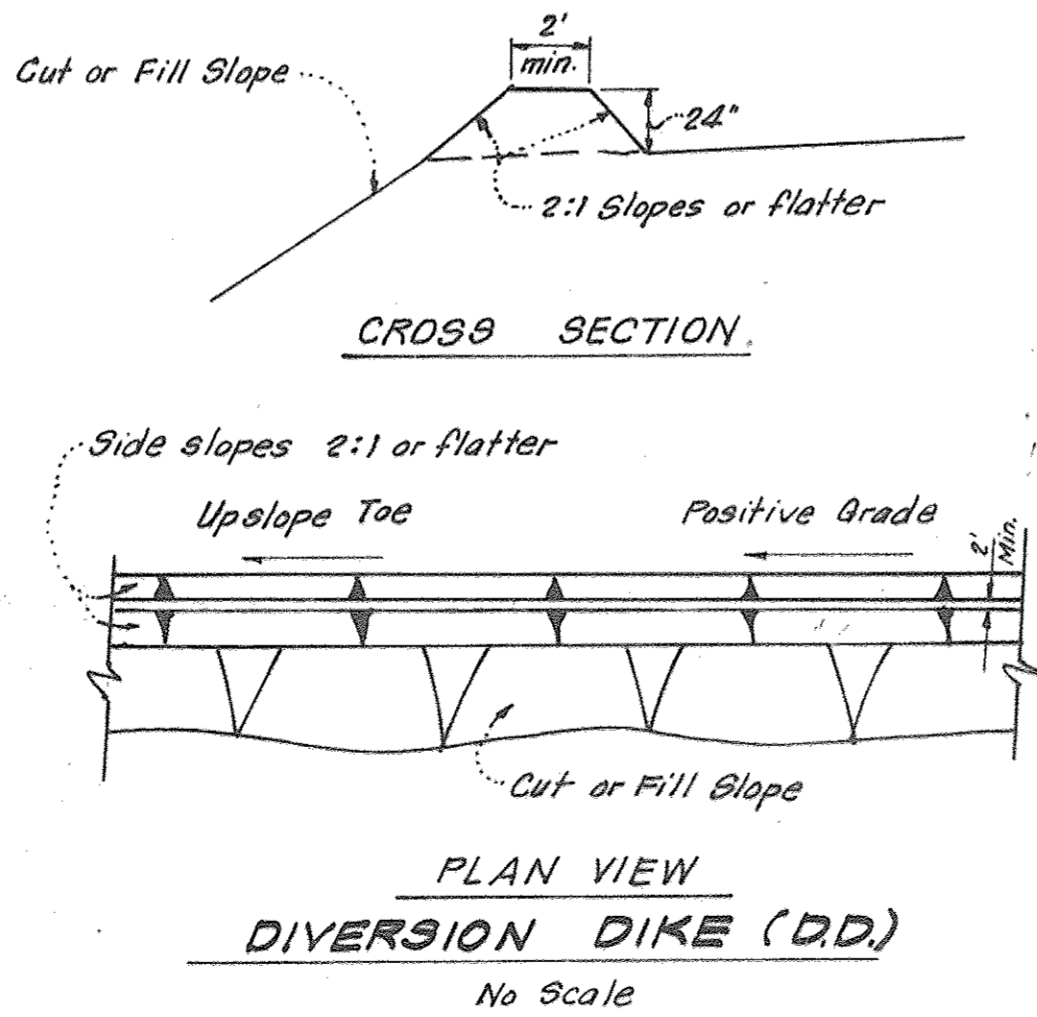
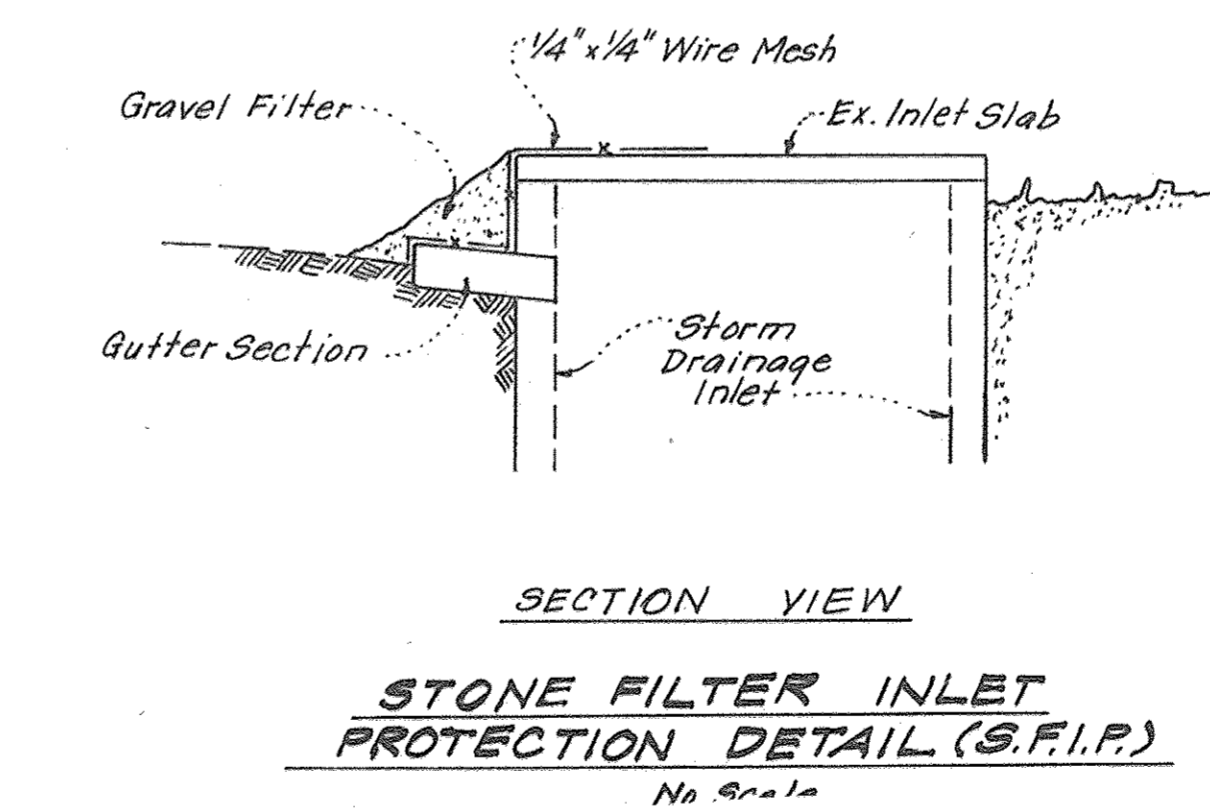
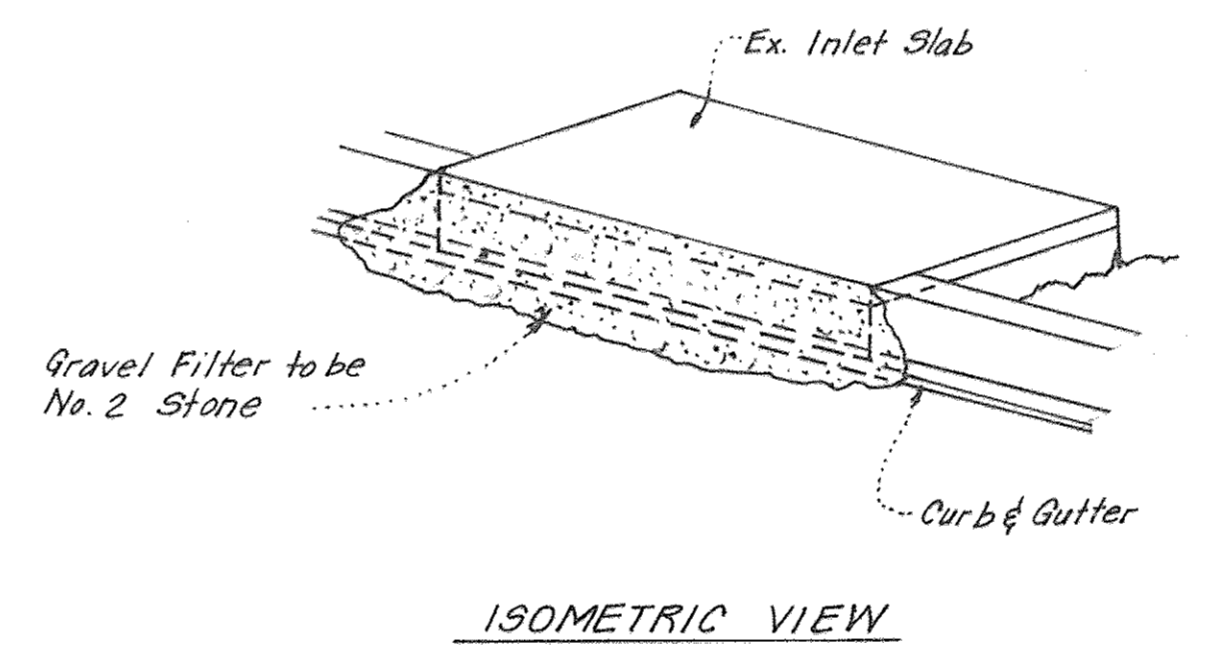
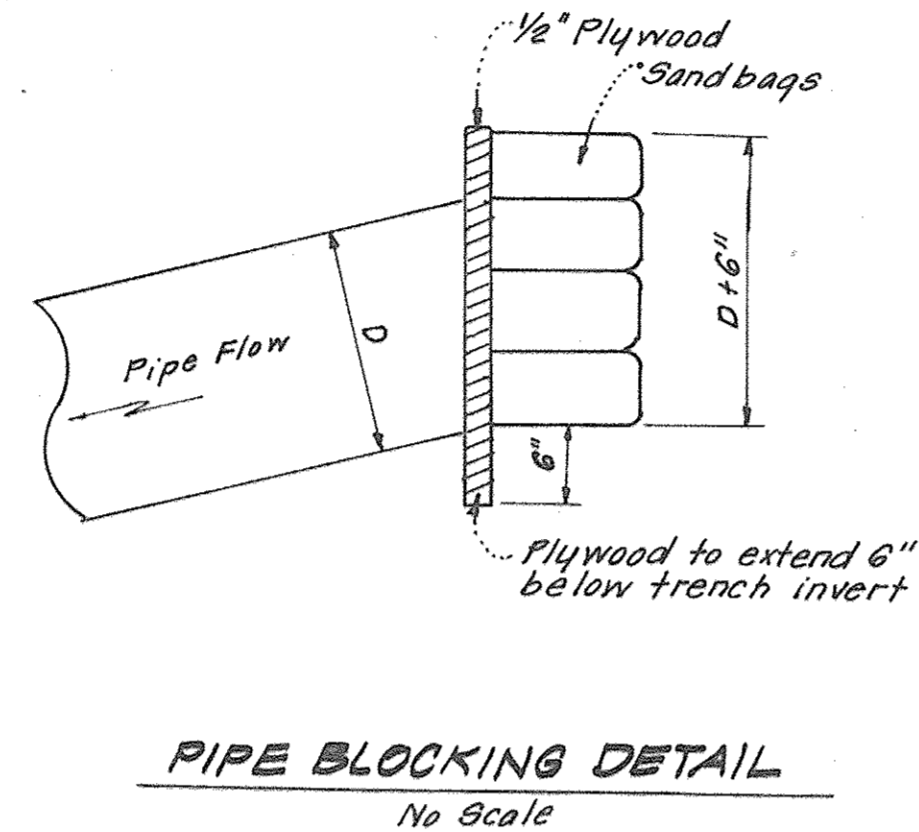
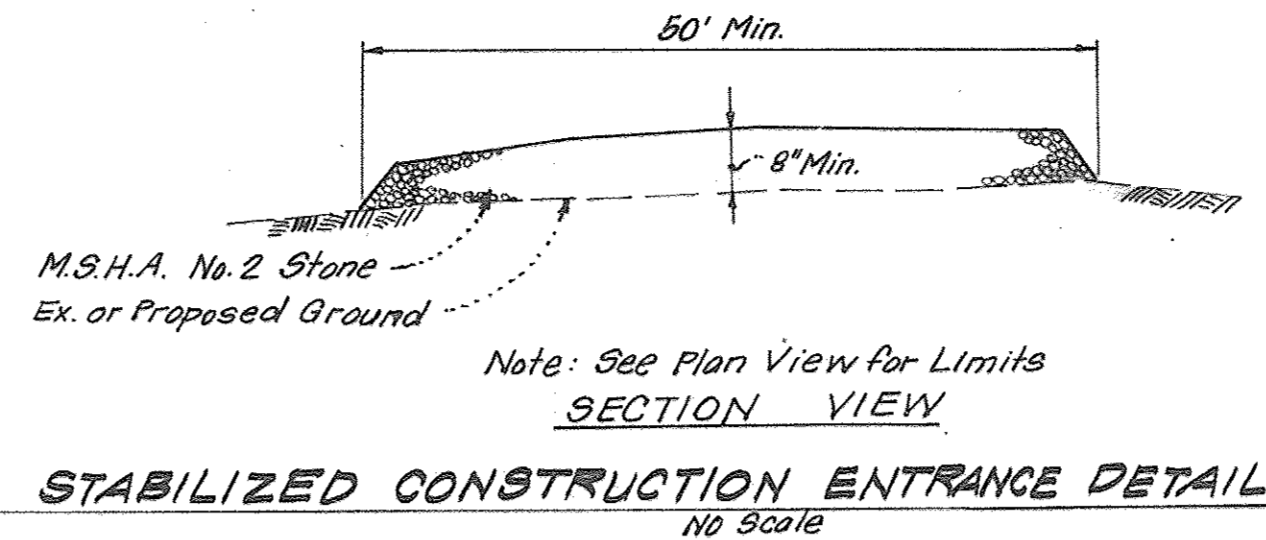
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

HUD Submission July 29 1977 - 2500000000 10/11/77; 11/71/77; 11/21/77

CLARK • FINEROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS  
 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED R.U.S. SCALE 1"=30'  
 DRAWN K.I.W. DRAWING 3 of 5  
 CHECKED G.N.C. SHEET NO. SD3  
 DATE FOR: METCALF & ASSOCIATES 1054 31 Street N.W. Washington D.C. 20007 FILE NO. 1243-SE  
 June, 1977

SEDIMENT TRAP TABLE AND DIMENSIONS											
STR No.	TYPE	PAGE No.	DWG No.	L	W	D	BOTTOM ELEV.	D.A. Acres	Required Volume	Provided Volume	Top Elev.
I-5	S.I.S.T.	20.08	S.T.-4	16'	5'	3'	376.0	0.4	72.4 C.F.	72.4 C.F.	379.0
I-7	S.I.S.T.	20.08	S.T.-4	18'	18'	3'	378.0	0.9	162.8 C.F.	162.8 C.F.	381.0



**GENERAL NOTES**

- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing, or disturbance of the existing surface of the site. See Note #5 for stabilization except that the seed mixture will be annual rye applied at the rate of 1.4 lbs/1000 sq. ft.
- Notify the Bureau of Inspections and Permits at least 24 hrs before starting any work.
- All Sediment Control Practices to conform to the Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas and shall be adjusted to meet actual field conditions.
- Stabilization of disturbed ground to be done as soon after construction as possible.
- All grading shall be treated in accordance with the following specifications:
  - Seed - certified 85% germination applied at the rate of 3 lbs/1000 sq. ft. mixture - 40% Kentucky Blue, 20% Chewing Fescue, 20% Kentucky 31, and 20% Annual Rye.
  - Fertilizer - 10-10-10 applied at the rate of 23 lbs/1000 sq. ft. Ground agricultural lime or dolomitic lime applied at the rate of 46 lbs/1000 sq. ft.
  - Mulch - Weed free grain straw applied at the rate of 70 lbs/1000 sq. ft. Mulch shall be secured to the ground by any approved method, i.e. asphalt tacks, chemical binder, wood chips, etc.
- All Structural Sediment Control Measures are to remain in place until permission for their removal has been obtained from the Bureau of Inspections and Permits.
- On site inspection and maintenance of all sediment control measures, including cleanout of sediment traps and dikes, and proper establishment of all planned vegetative measures will be the responsibility of the Developer or his representative on the site, on a continuing day to day basis.
- Protection of stabilized area from sediment runoff shall be provided by the use of an approved sediment control device, i.e. straw bales, diversion dikes, etc.
- Site Analysis:
  - Total Area: 3.13 Acres
  - Area to be Roofed: 0.80 Acres
  - Area to be Paved: 0.62 Acres
  - Area to be Seeded: 1.03 Acres
  - Area Undisturbed: 0.96 Acres
- The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
- Storm Inlet Sediment Traps at I-5 & I-7 to remain until Base Course is installed. After Base Course is installed then S.F.I.P. shall be placed at these inlets.

**CONSTRUCTION SEQUENCE**

- Grading Permit shall be obtained prior to installation of Sediment Control or grading.
- Install Stabilized Construction Entrance where shown on plan.
- Grade as necessary to construct Diversion Dikes. Construct Diversion Dikes and install Silt Fence.
- Rough Grade Driveway and Parking Areas.
- Construct Storm Drainage and immediately provide Stone Filter Inlet Protection (S.F.I.P.) or Silt Fence (S.F.) as shown on Plan and details.
- Construct Water and Sewer.
- Rough Grade remaining areas and construct houses, parking areas, drive ways, etc.
- Stabilize Lawn Areas.
- Remove Sediment and Erosion Control (with permission from Bureau of Inspections and Permits.)

**APPROVED**  
PLANNING BOARD  
OF HOWARD COUNTY  
DATE 3-1-78

OWNER/DEVELOPER  
HERITAGE HOUSING PARTNERS, CORP.  
9710 PATUXENT WOODS DRIVE, H.S. 305  
COLUMBIA, MD 21046  
443-518-7025

HUD Submission July 29 1977 - RESUBMITTED 10/11/77; 11/7/77; 11/21/77

Professional Certification I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.  
License No. 28559 Expiration Date: 7-22-13

FOR REVISIONS BY BENCHMARK ENGINEERING ONLY, 1,



NO.	BY	REVISION	DATE
2	BEI	UPDATE OWNER/DEVELOPER	11.26.17
1	BEI	REVISE TITLE BLOCK	4-16-2012

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.  
John Longman 3-23-78  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
William J. ... 3-23-78  
PLANNING DIRECTOR DATE  
CHIEF, DIVISION OF LAND DEVELOPMENT

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS & PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
... 3-17-78  
DIRECTOR DATE  
CHIEF, BUREAU OF ENGINEERING

Reviewed for HOWARD S.C.D. Name  
and meets Technical Requirements  
Wayne Key 3-14-78  
Signature Date  
U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

WES EARP 3-14-78  
Approved Date

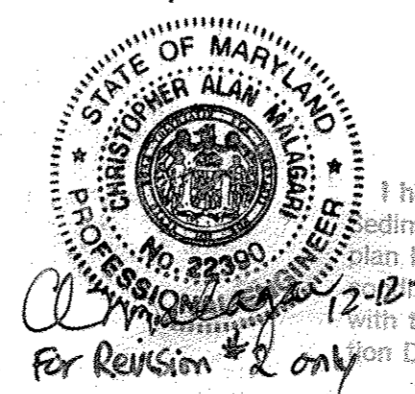
**DEVELOPER'S CERTIFICATE**

I certify that all development and/or construction will be done according to this plan of development and plan for Erosion and Sediment Control, and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

... 7-8-77  
Signature Date

**ENGINEER'S CERTIFICATE**

I hereby certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on my personal knowledge of the site and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.



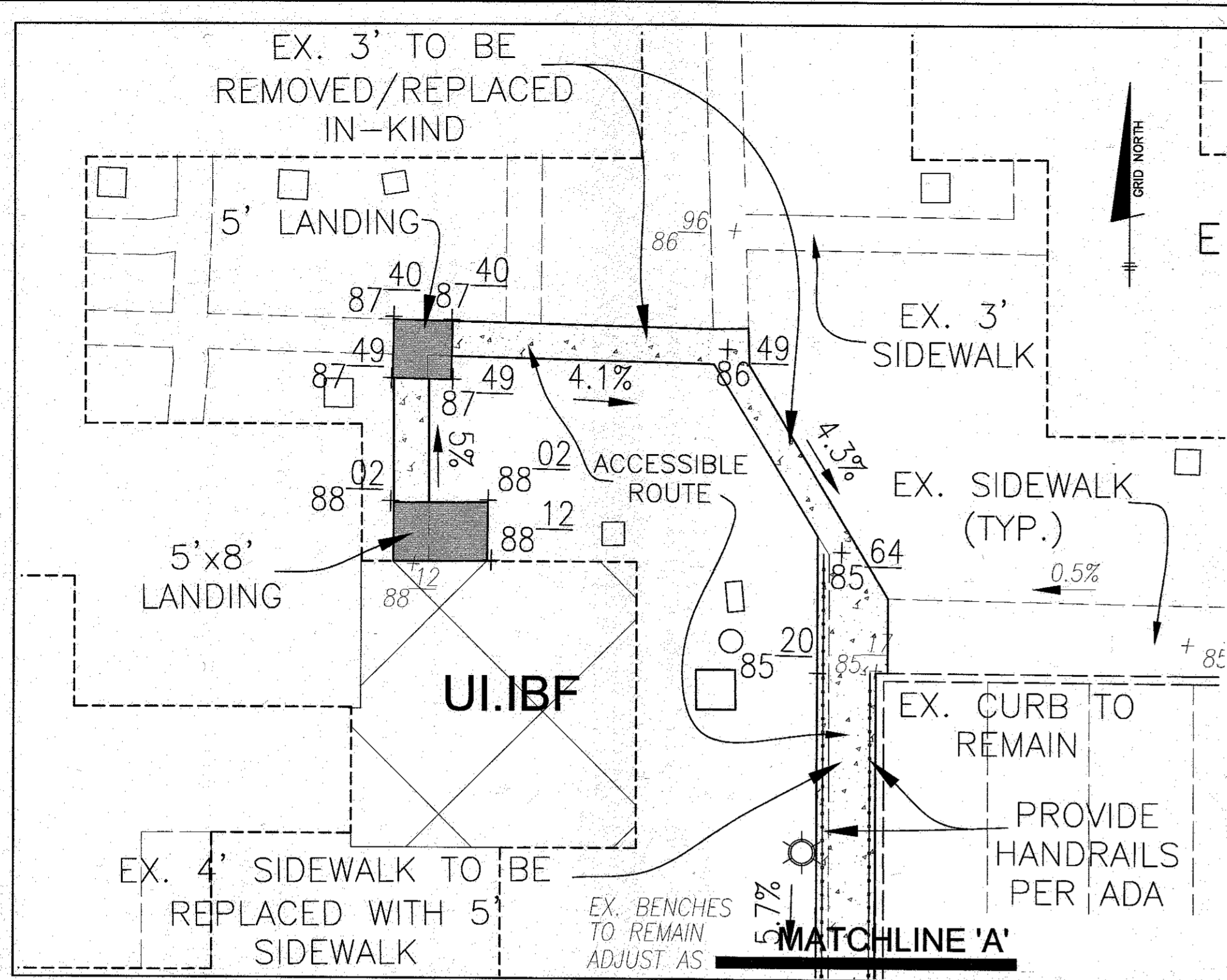
G. Nelson Clark 6-29-77  
Signature Date

**CLARK • FINEFROCK & SACKETT**  
ENGINEERS • PLANNERS • SURVEYORS

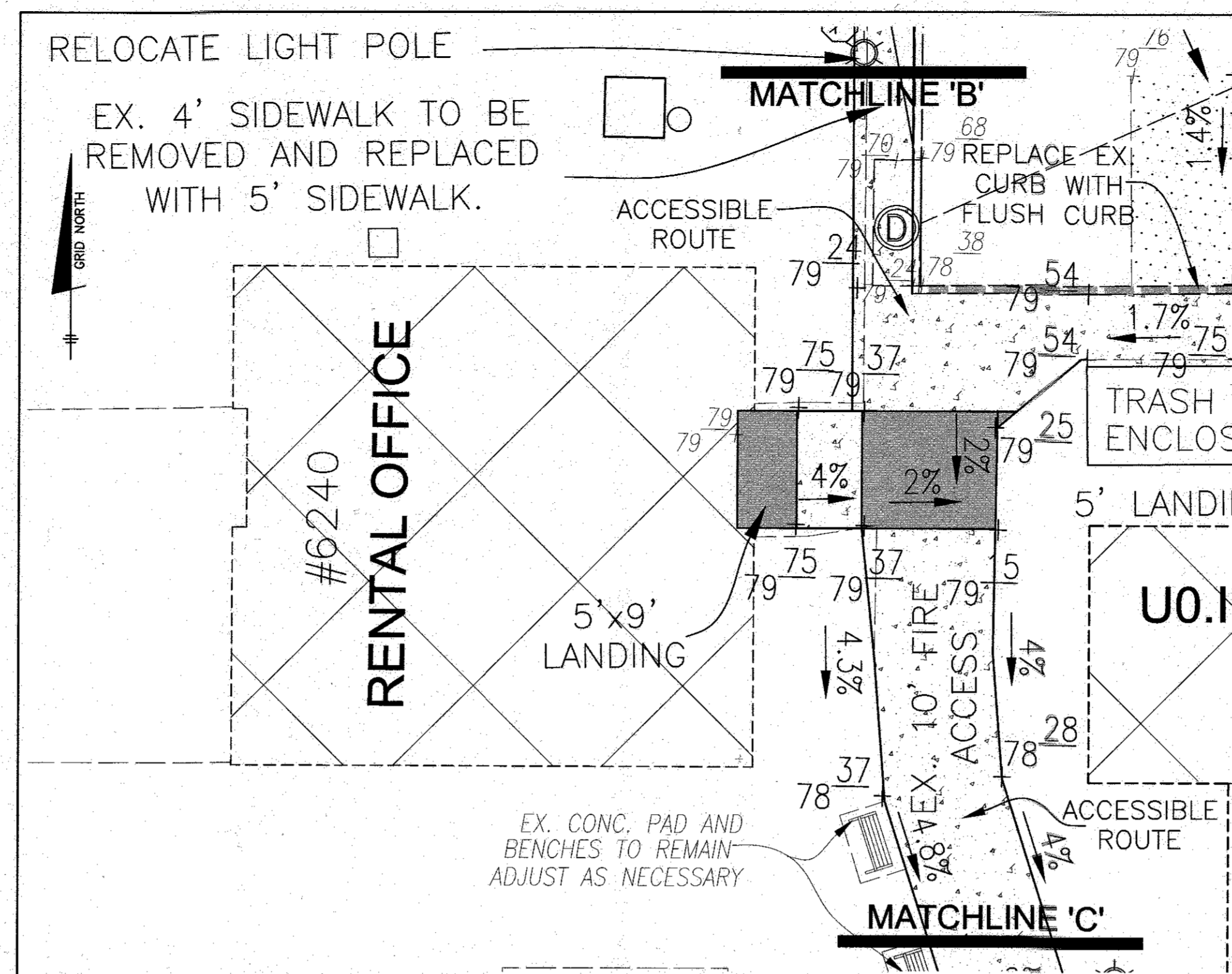
11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400

DESIGNED R.J.S.	<b>SITE DEVELOPMENT PLAN</b> <b>SEDIMENT &amp; EROSION CONTROL PLAN</b> SHALOM SQUARE HOUSING FOR THE ELDERLY, AGE RESTRICTED <b>COLUMBIA</b> VILLAGE OF LONGREACH SECTION 1, AREA 7 HOWARD COUNTY, MARYLAND FOR: METCALF & ASSOCIATES 1054 31 Street N.W. Washington, D.C. 20007	SCALE As Shown
DRAWN K.I.W.		DRAWING 4 of 5
CHECKED G.N.C.		SHEET NO. <b>SD4</b>
DATE June, 1977		FILE NO. 1240-SE

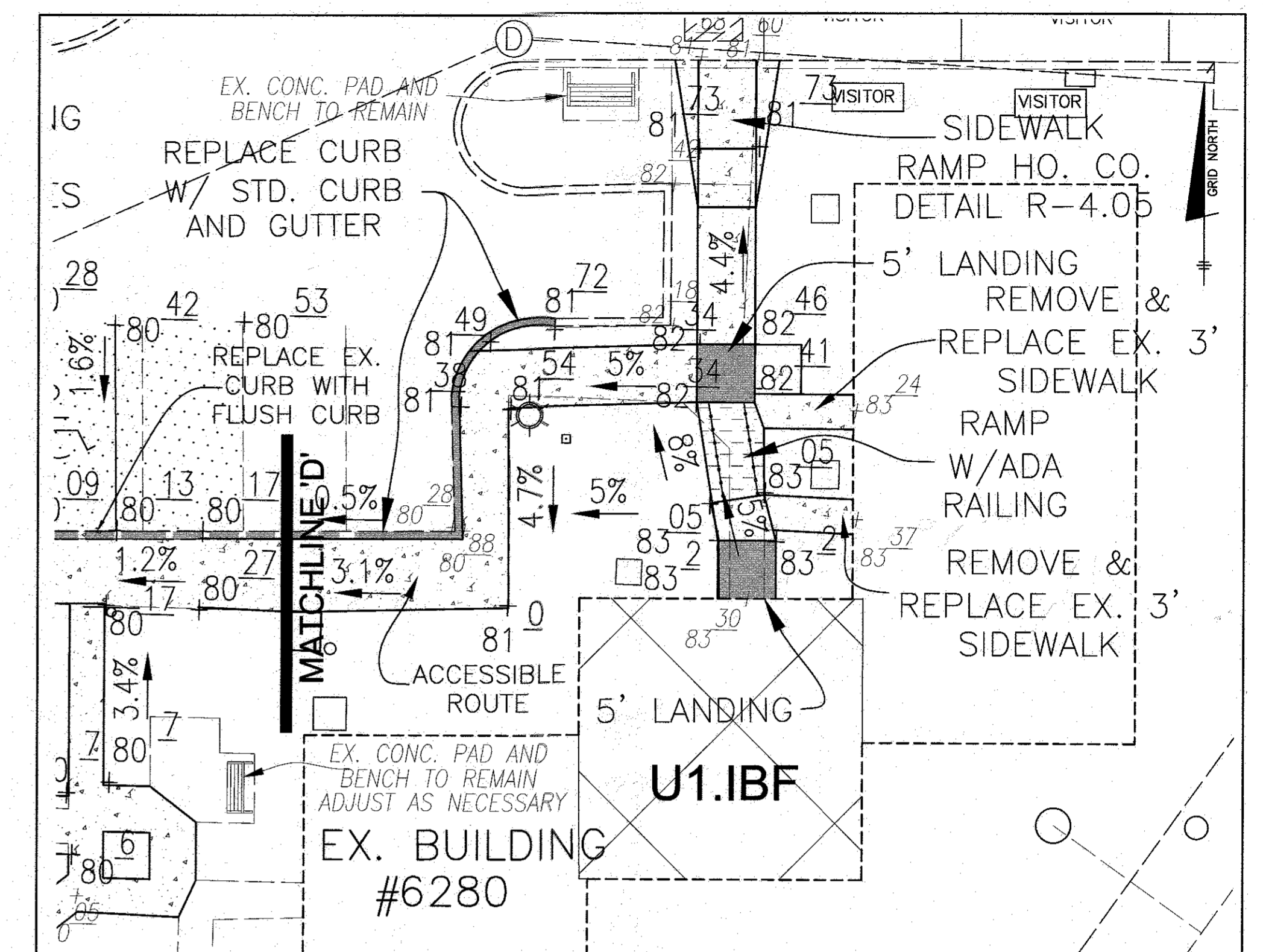
SDP-78-10c



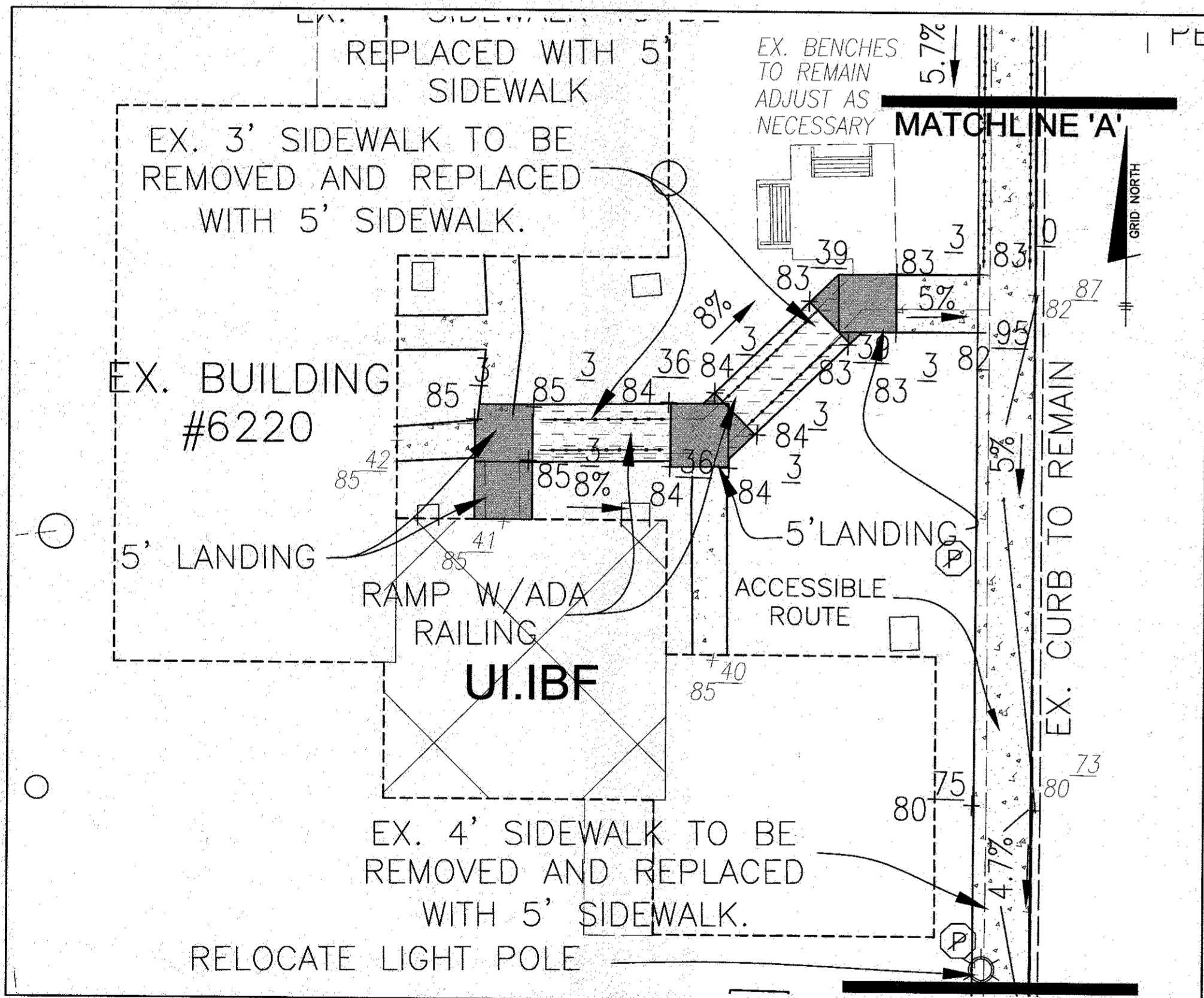
BF UNIT BUILDING 6220 NORTH  
SCALE: 1"=10'



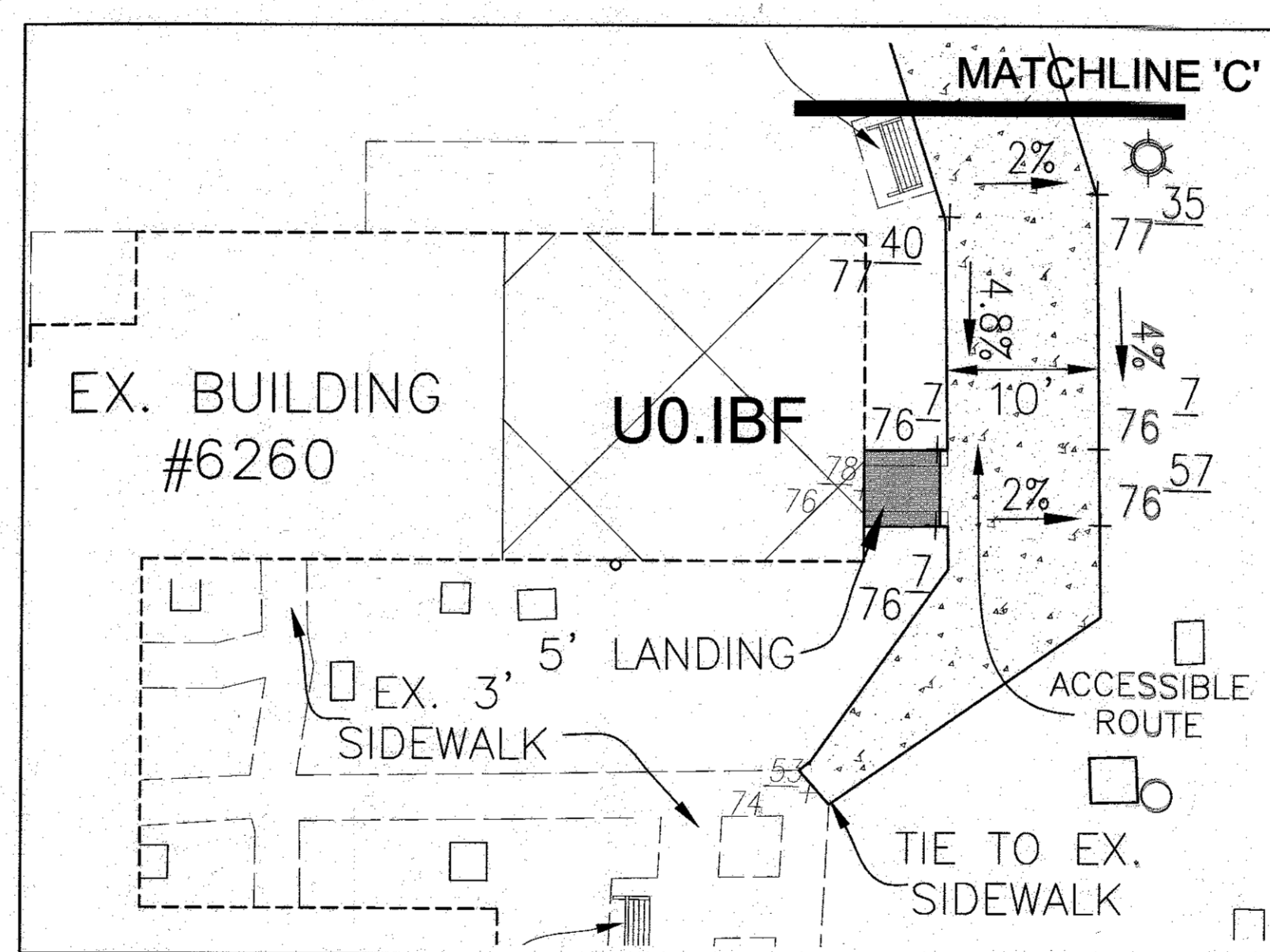
BF RENTAL OFFICE  
SCALE: 1"=10'



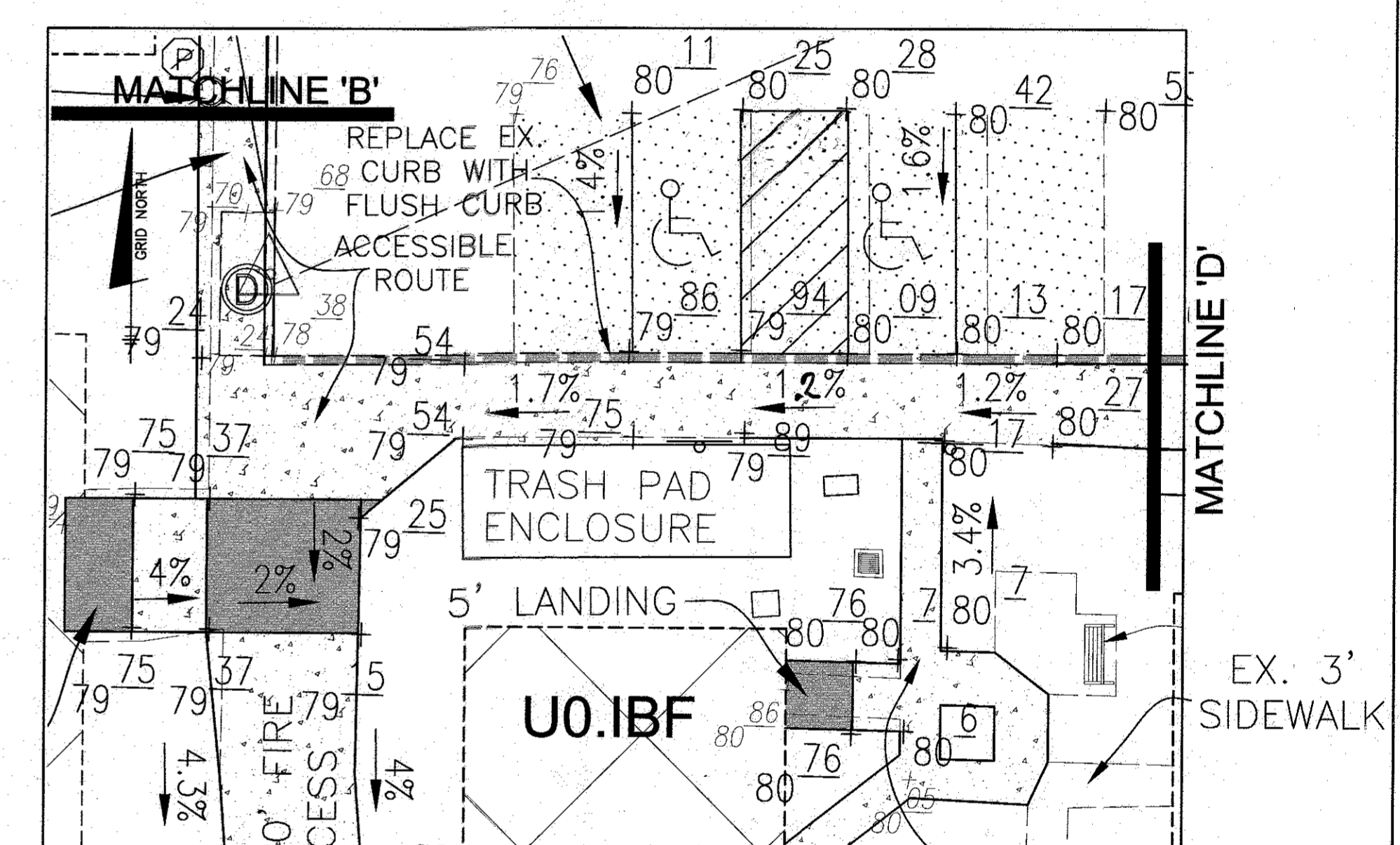
BF UNIT BUILDING 6280 EAST  
SCALE: 1"=10'



BF UNIT BUILDING 6220 SOUTH  
SCALE: 1"=10'



BF UNIT BUILDING 6260  
SCALE: 1"=10'



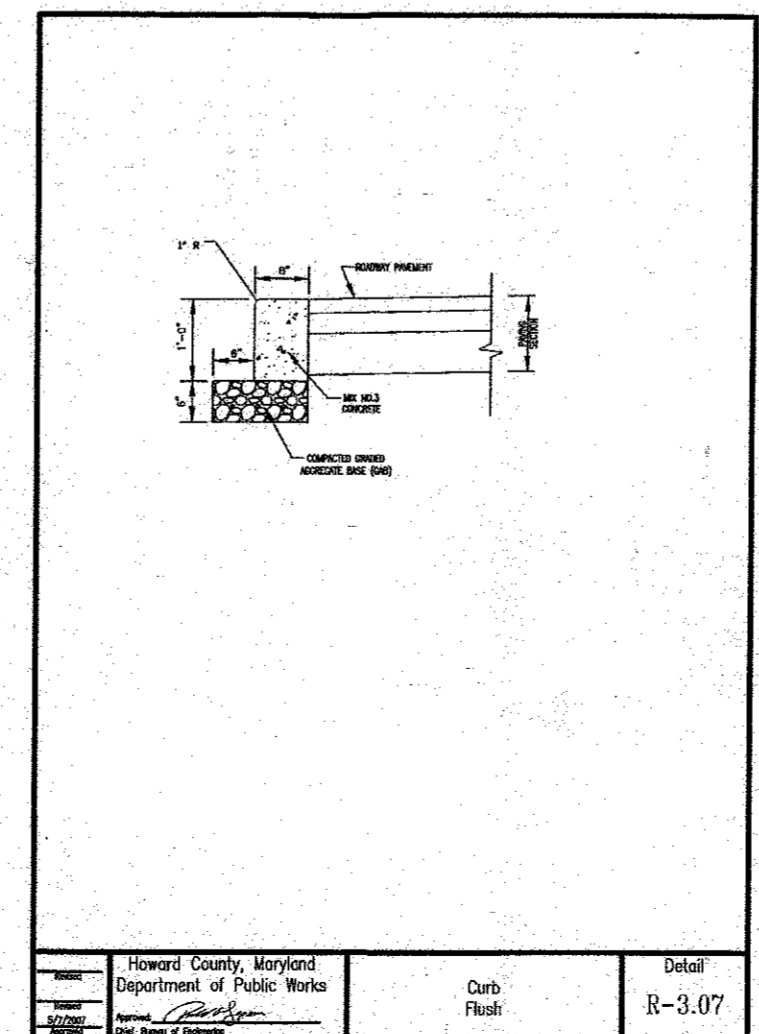
BF UNIT BUILDING 6280 WEST  
SCALE: 1"=10'

THE PURPOSE OF THIS PLAN IS TO REMOVE AND REPLACE THE EXISTING SIDEWALK IN ORDER TO PROVIDE HANDICAP ACCESSIBILITY TO THE BARRIER FREE UNITS INDICATED ON THE SITE DEVELOPMENT PLAN AND THE HANDICAP PARKING SPACES. THE PROPOSED DISTURBANCE IS APPROXIMATELY 4,850 SF AND THEREFORE THIS PLAN IS EXEMPT FROM STORMWATER MANAGEMENT BECAUSE THE PROPOSED DISTURBANCE IS LESS THAN 5,000 SF.

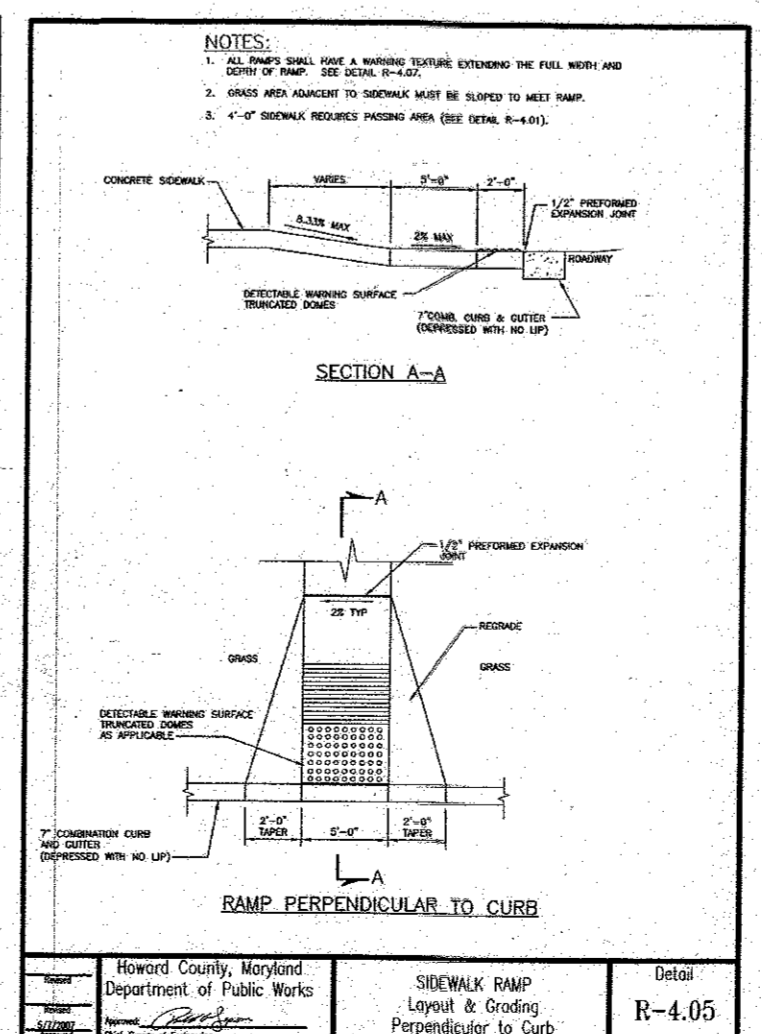
EXISTING SIDEWALK REPLACEMENT MAY RESULT IN GRADE ADJUSTMENTS ADJACENT TO SIDEWALK. CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE IN AREA OF NEW/REPLACED SIDEWALK.

LEGEND

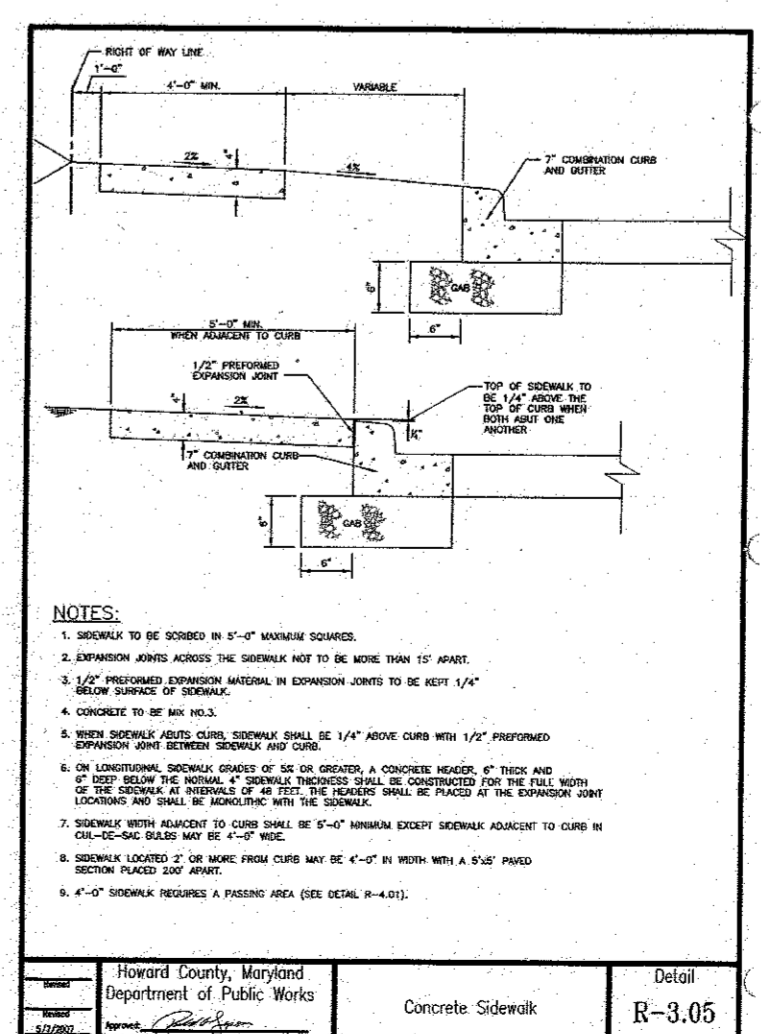
- EXISTING SIDEWALK TO REMAIN
- NEW SIDEWALK
- PROPOSED RAMP (OVER 5% SLOPE, ADA RAILINGS ARE REQUIRED)
- PROPOSED LEVEL AREA (MIN. 5'x5'@2% CROSS SLOPE)
- BARRIER FREE UNIT
- NEW STANDARD CURB
- NEW FLUSH CURB



Howard County, Maryland  
Department of Public Works  
Curb Flush  
Detail  
R-3.07



Howard County, Maryland  
Department of Public Works  
SIDEWALK RAMP  
Layout & Grading  
Perpendicular to Curb  
Detail  
R-4.05



Howard County, Maryland  
Department of Public Works  
Concrete Sidewalk  
Detail  
R-3.05

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
*John W. ...* 12/19/17  
 CHIEF, DIVISION OF LAND DEVELOPMENT  
*John W. ...* 12/19/17  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION  
*John W. ...* 12-19-17  
 DIRECTOR

1	11.28.17	ADDITIONAL SHEET TO ADD SIDEWALK DETAIL FOR 5 BARRIER FREE UNITS AND RENTAL OFFICE
NO.	DATE	REVISION
<b>BENCHMARK ENGINEERING, INC.</b> ENGINEERS & LAND SURVEYORS & PLANNERS 8480 BALTIMORE NATIONAL PIKE SUITE 315 & ELLICOTT CITY, MARYLAND 21043 (P) 410-461-8100 (F) 410-461-8844 WWW.BEI-CVLEENGINEERING.COM		
OWNER: HERITAGE HOUSING PARTNERS, CORP. 9770 PATUXENT WOODS DRIVE M.S 305 COLUMBIA, MARYLAND 21046 443-518-7685		PROJECT: <b>SHALOM SQUARE</b> HOUSING FOR THE ELDERLY, AGE RESTRICTED COLUMBIA VILLAGE OF LONG REACH, SECTION 1 AREA 7 LOCATION: TAX MAP 36 - GRID 12 PARCEL 428 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND TITLE: ADDITIONAL SHEET FOR SIDEWALK REPLACEMENT FOR HANDICAP ACCESSIBILITY TO BARRIER FREE (BF) UNITS DATE: DECEMBER 2017 PROJECT NO. 2421SS SCALE: 1"=10' SHEET 5 OF 5