

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS. CHIEF. LAND DEVELOPMENT DIVISION 6/14/89 DATE C/28/89 DATE 6/22/84 DATE

CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

DRAWING INDEX

ROAD PLAN AND PROFILE (STA. 16+18.75 TO STA. 17+25,93)

* BRIDGE PLANS

FRAMING PLAN, BEAM ELEVATION AND CAMBER DIAGRAM

LAYOUT OF REINPORCING STEEL OVER PILES

ABUTMENT B - PLAN AND ELEVATION

FINISHED DECK ELEVATIONS

DETAILS FOR HANGING

STANDARD DETAILS STANDARD DETAILS

STANDARD DETAILS

FOOTING PLAN

18

3

PARK CIRCLE DRIVE OVER DEEP RUN PLAN AND ELEVATION

DRAWING TITLE

ROAD PLANS

DWG. NO.

R`- 2

R - 3

S - 3 S - 4

S-8

S-9 3-10

S - 13

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S - 15

S- 16

ENGINEERING TECHNOLOGIES ASSOCIATES, INC.

ENGINEERS, SURVEYORS, CONSTRUCTION MANAGERS. 3458 ELLICOTT CENTER DRIVE ELLICOTT CITY, MD. 21043 (301) 461 - 9920

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2018	
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	DES:				`	HI-TECH VENTURE LIMITED PAR
						OWNER AND DEVELOPE
	DRN:			CIP CONDUIT SIDEWALK ENCASEMENT	3/19/90	7223 PARKWAY DRIVE
	CHK:		<u> </u>	RELOCATION OF B.G. & E CONDUIT LINDER DEEP RIN		HANOVER, MARYLAND 2107
			\triangle	BG & E CONDUT UNDER DEEP RUN.	2/15/90	(301) 796-4446
5	DATE:	BY	NO.	REVISION	DATE	600 SCALE MAP NO BLOCK NO
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HI-TECH VENTURE LIMITED PARTNERSHIP OWNER AND DEVELOPER 7223 PARKWAY DRIVE HANOVER, MARYLAND 21076 (301) 796-4446

COVER SHEET

DWG R-1 OF R-4

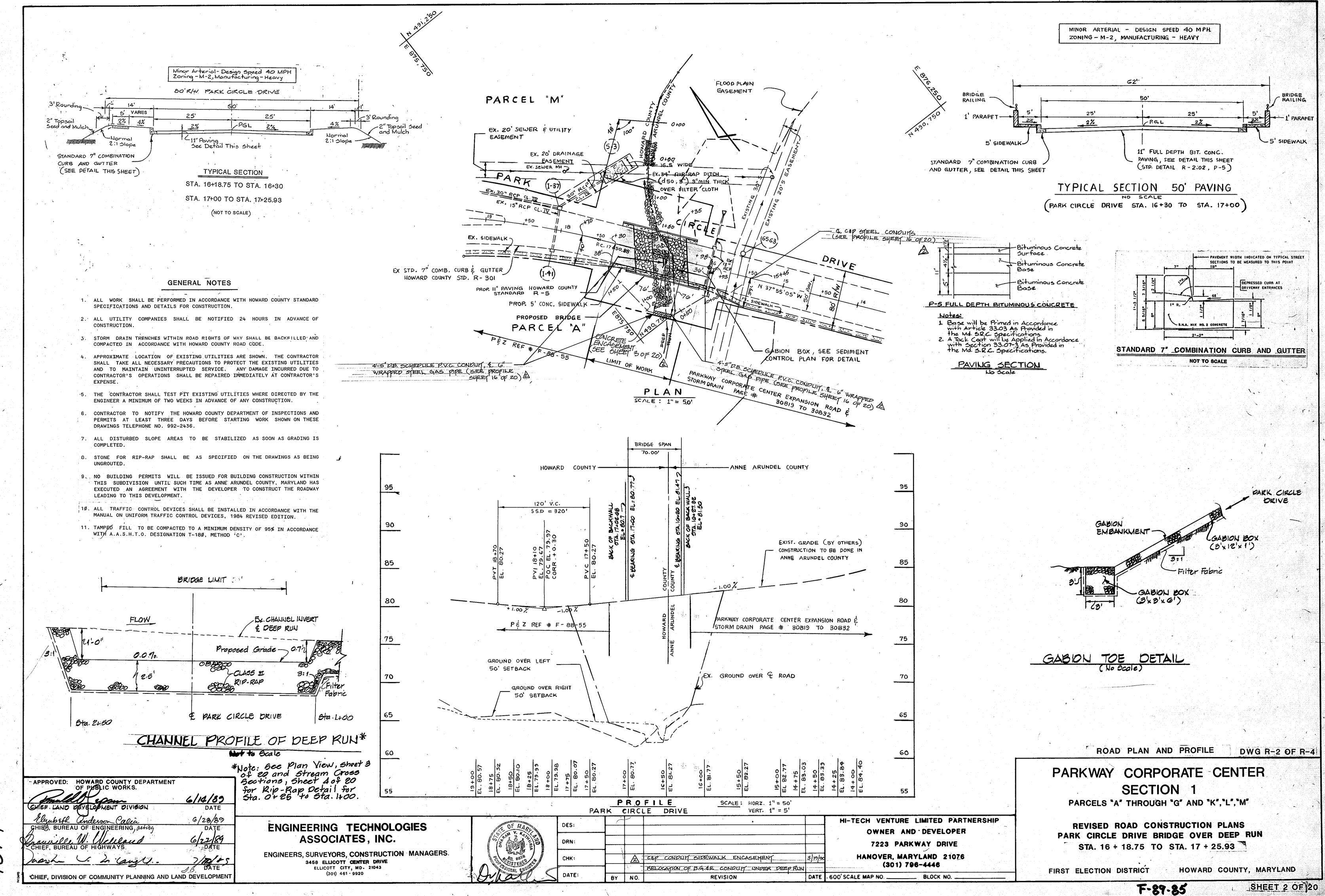
PARKWAY CORPORATE CENTER SECTION 1

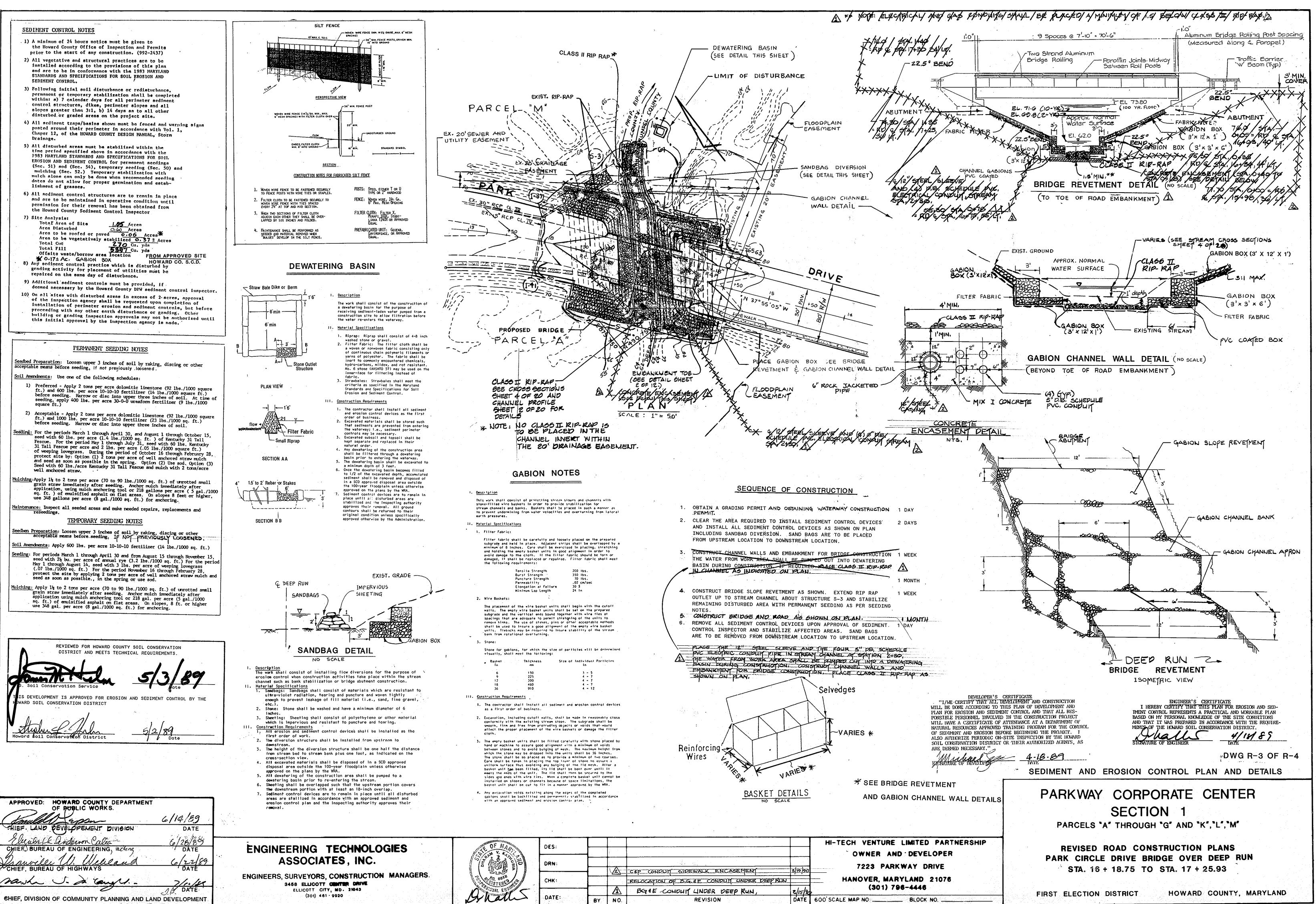
PARCELS "A" THROUGH "G" AND "K","L","M"

REVISED ROAD CONSTRUCTION PLANS PARK CIRCLE DRIVE, BRIDGE OVER DEEP RUN STA. 16 + 18.75 TO STA. 17 + 25.93

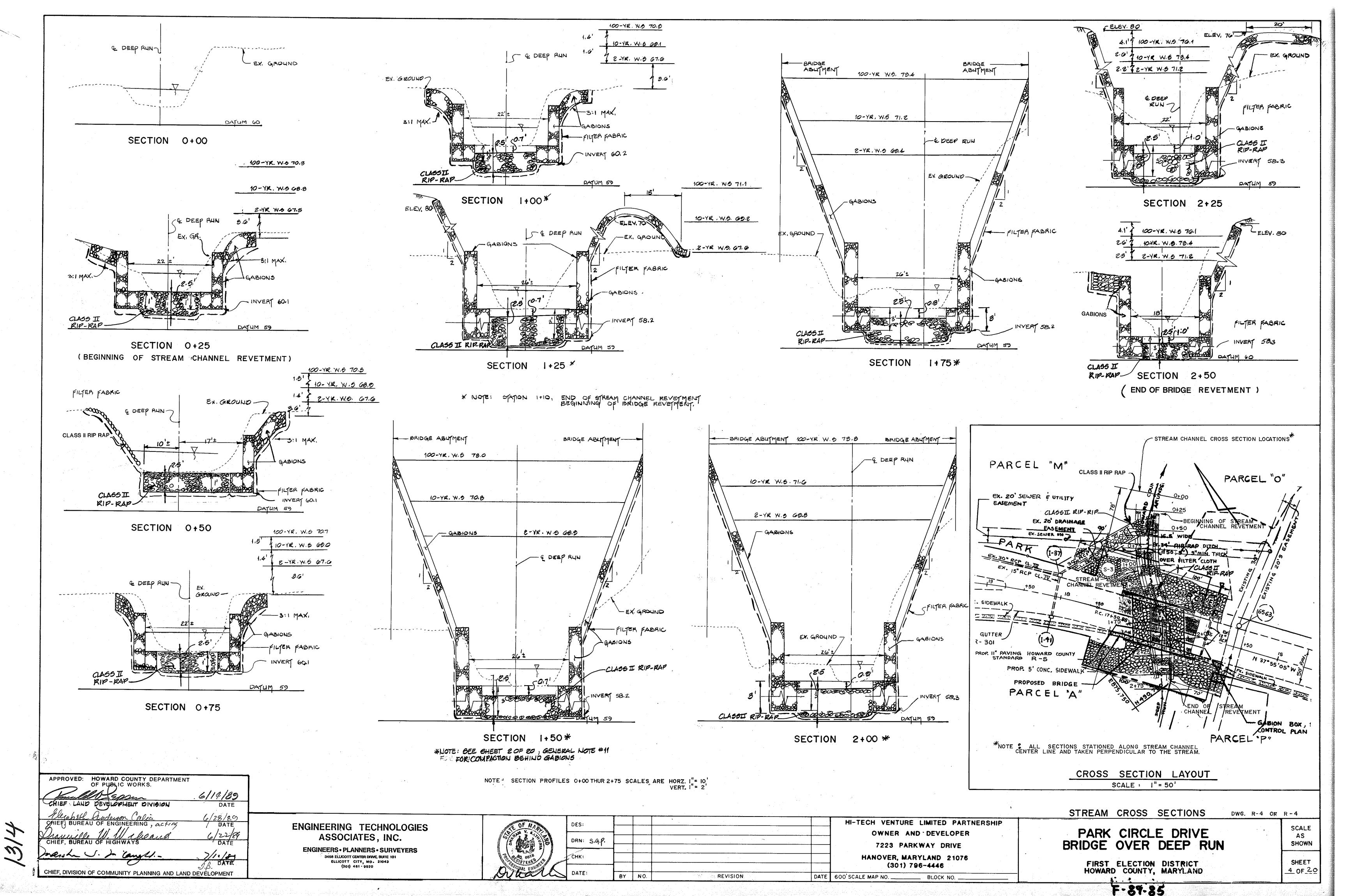
FIRST ELECTION DISTRICT

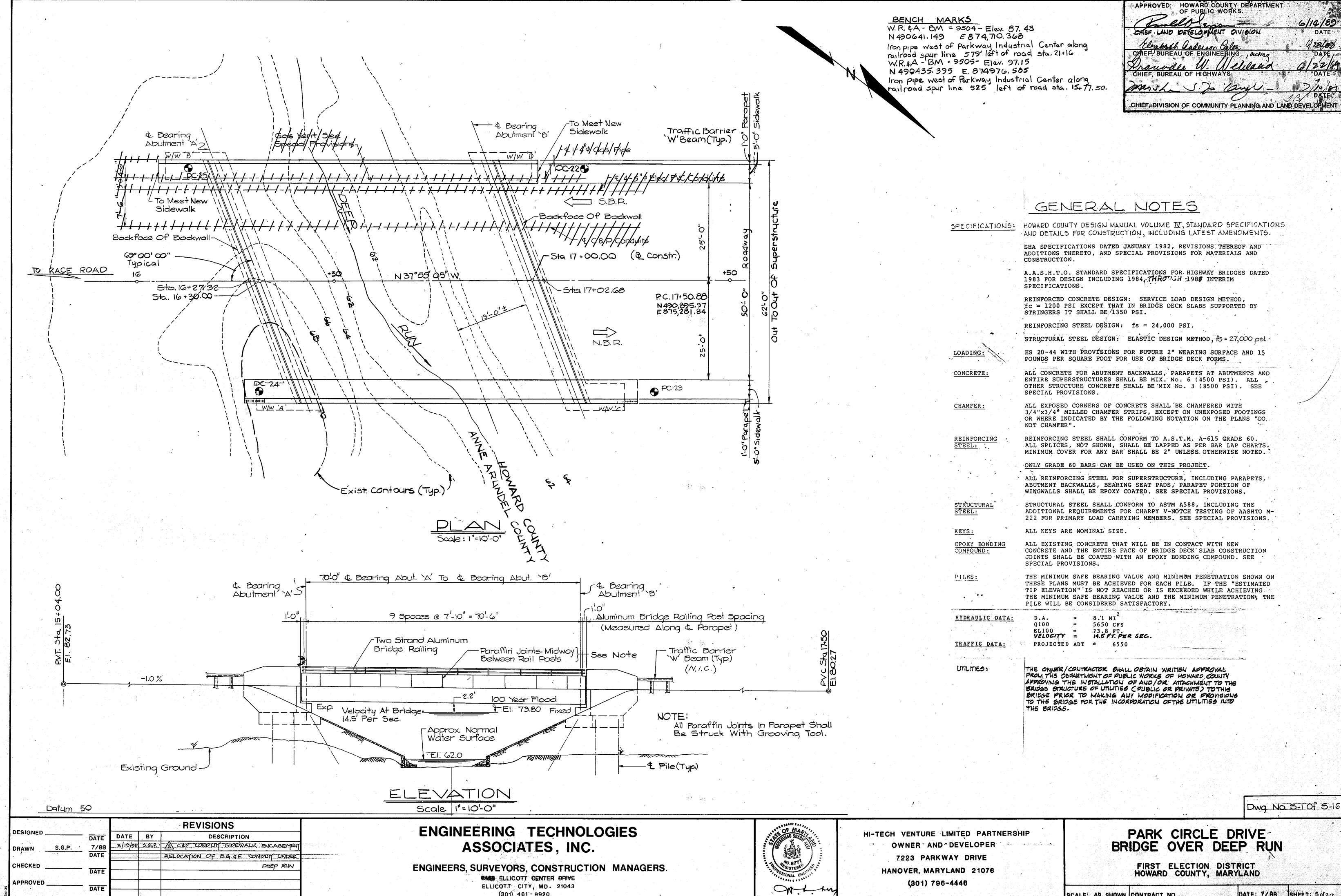
HOWARD COUNTY, MARYLAND





SHEET 3 OF 20

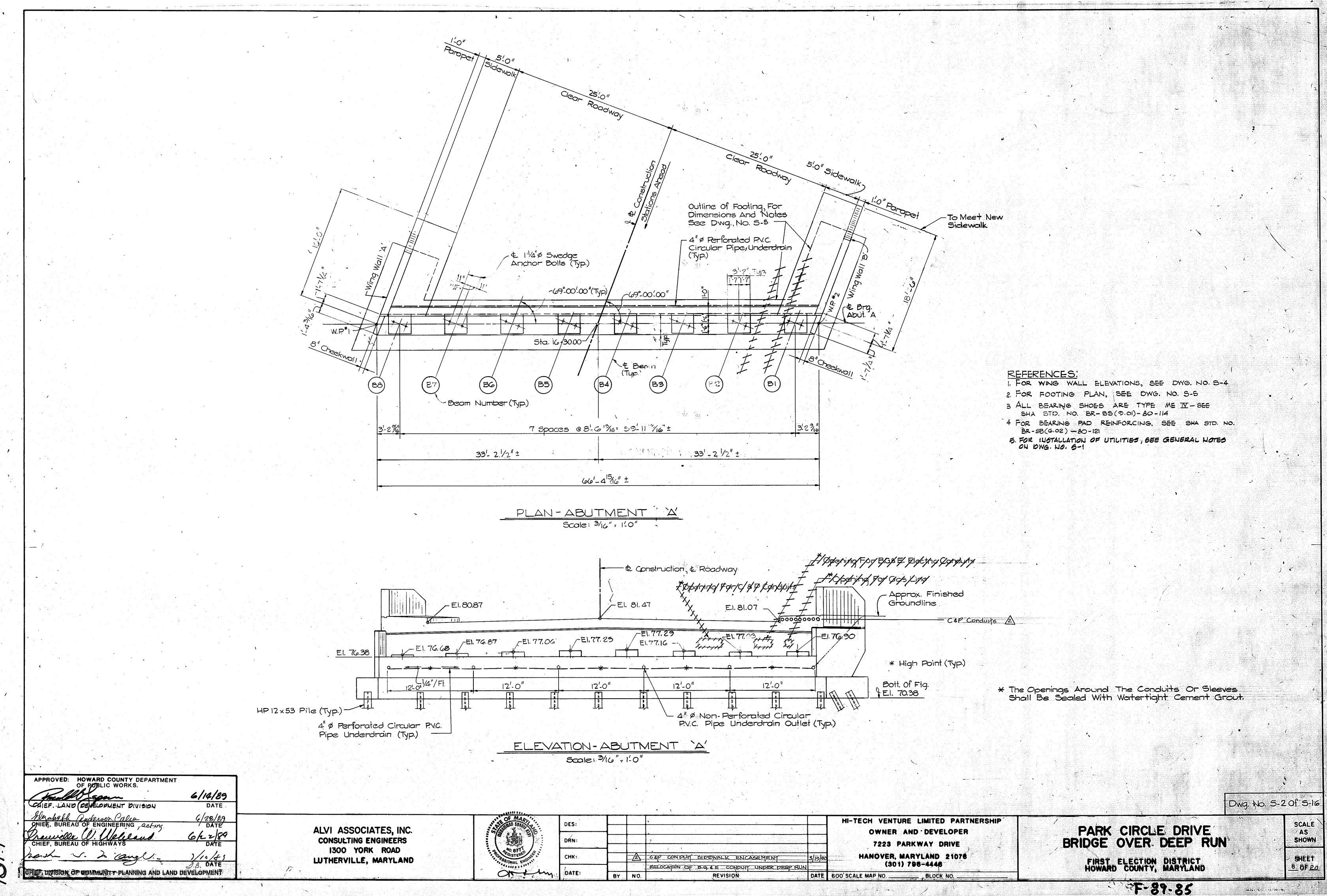


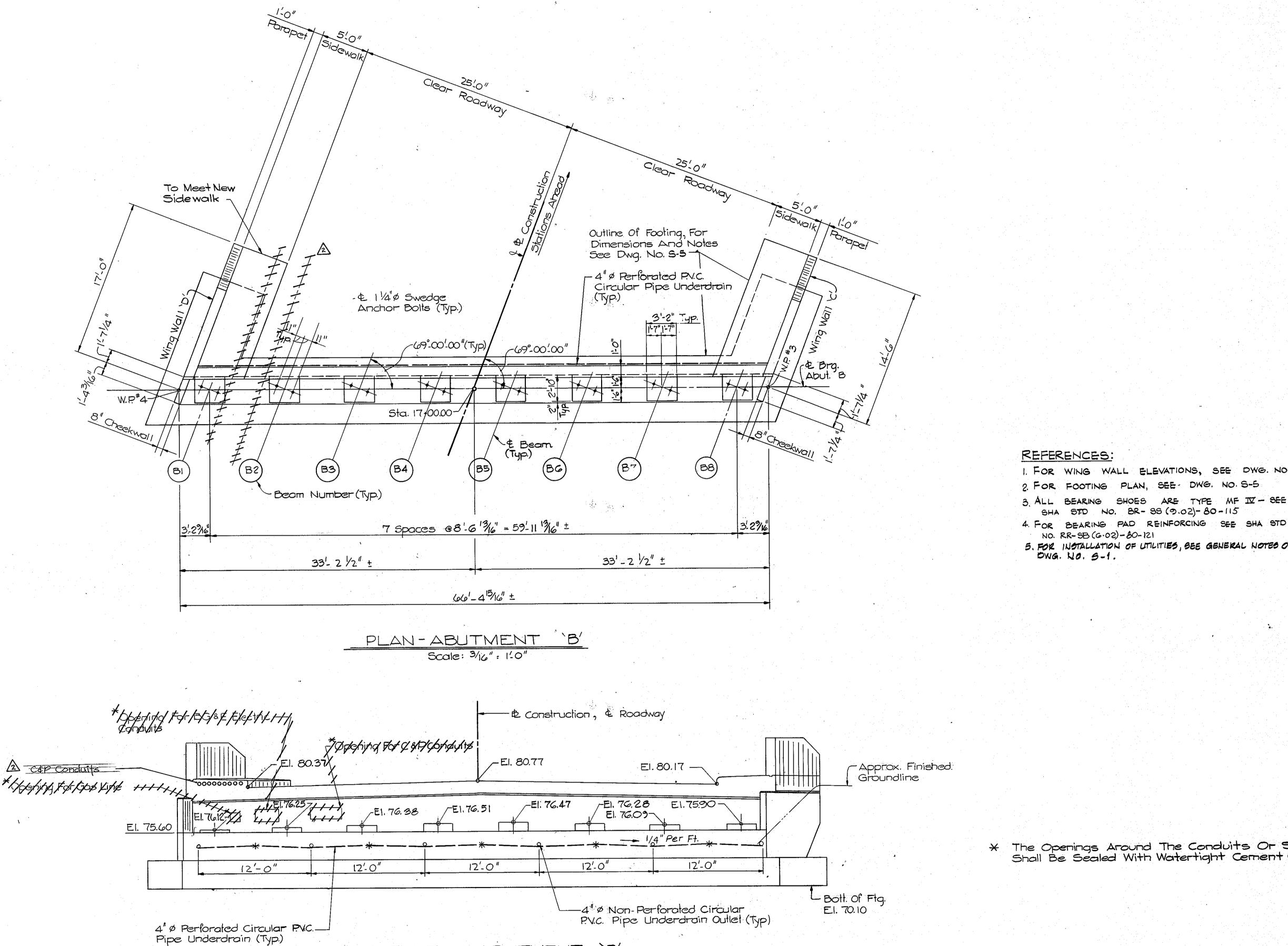


(301) 461 - 9920

M

SCALE: AS SHOWN CONTRACT NO.





ELEVATION - ABUTMENT 'B'

Scale: 3/16" = 1-0"

* The Openings Around The Conduits Or Sleeves Shall Be Sealed With Watertight Cement Grout.

570 NO. BR- 95 (9.02)-80-115

5. FOR INSTALLATION OF UTILITIES, SEE GENERAL NOTES ON

NO. RR-SB (G.02)-80-121

DWG. NO. 5-1.

ALVI ASSOCIATES, INC. CONSULTING ENGINEERS LUTHERVILLE, MARYLAND

1300 YORK ROAD

6/14/89

6/28/89 DATE 6/22/89 DATE

APPROVED: HOWARD COUNTY DEPARTMENT
OF PUBLIC WORKS.

CHIEF, LAND DEVELOPMENT DIVISION

CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

DES: DRN: CAP CONDUT SIDEWALK ENCASEMENT CHK: RELOCATION OF B.G. & E CONDUM JUNDER DEEP RUN DATE: DATE 600 SCALE MAP NO. __ REVISION BY NO.

HI-TECH VENTURE LIMITED PARTNERSHIP OWNER AND DEVELOPER 7223 PARKWAY DRIVE HANOVER, MARYLAND 21076 (301) 796-4446

BLOCK NO.

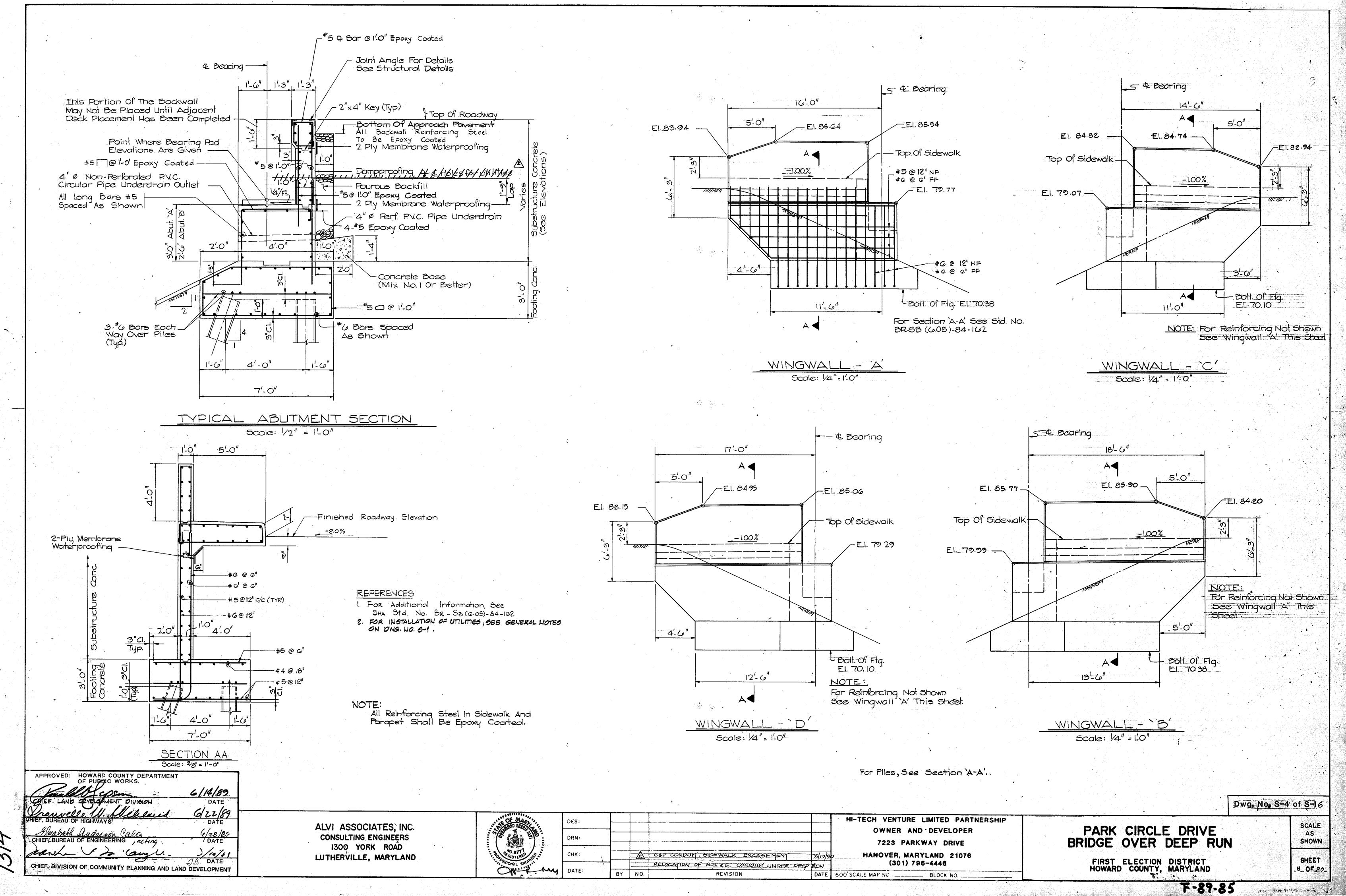
PARK CIRCLE DRIVE BRIDGE OVER DEEP RUN

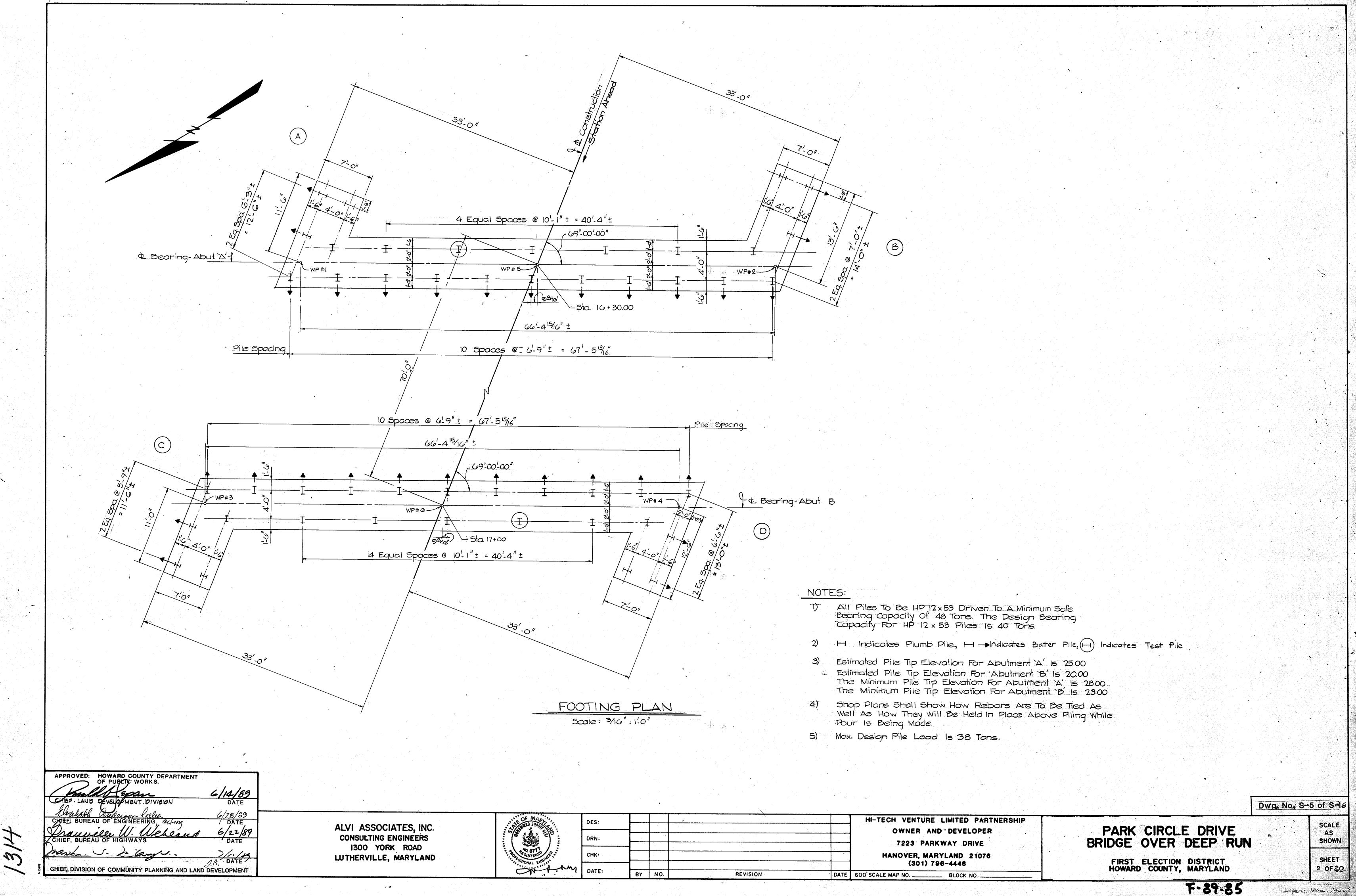
FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND

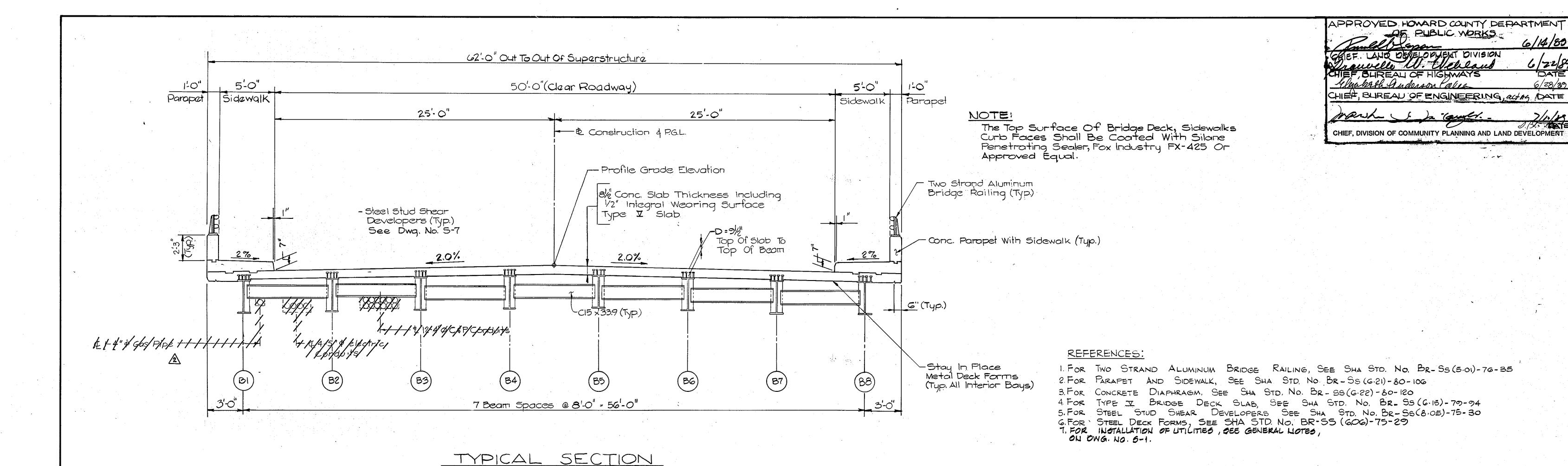
SCALE AS SHOWN SHEET <u> 7</u> of*20*

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Dwg. No. 5-3-0f S-1







Dwg. No. 5-6 Of 5-16

6/14/80

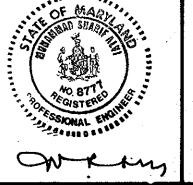
6/22/89 DATE

REVISIONS - DESCRIPTION

ENGINEERING TECHNOLOGIES ASSOCIATES, INC.

(LOOKING STATIONS AHEAD) Scale: 1/4" = 1:0"

> ENGINEERS, SURVEYORS, CONSTRUCTION MANAGERS. 3458 ELLICOTT CENTER DRIVE ELLICOTT CITY, MD. 21043 (301) 461 - 9920



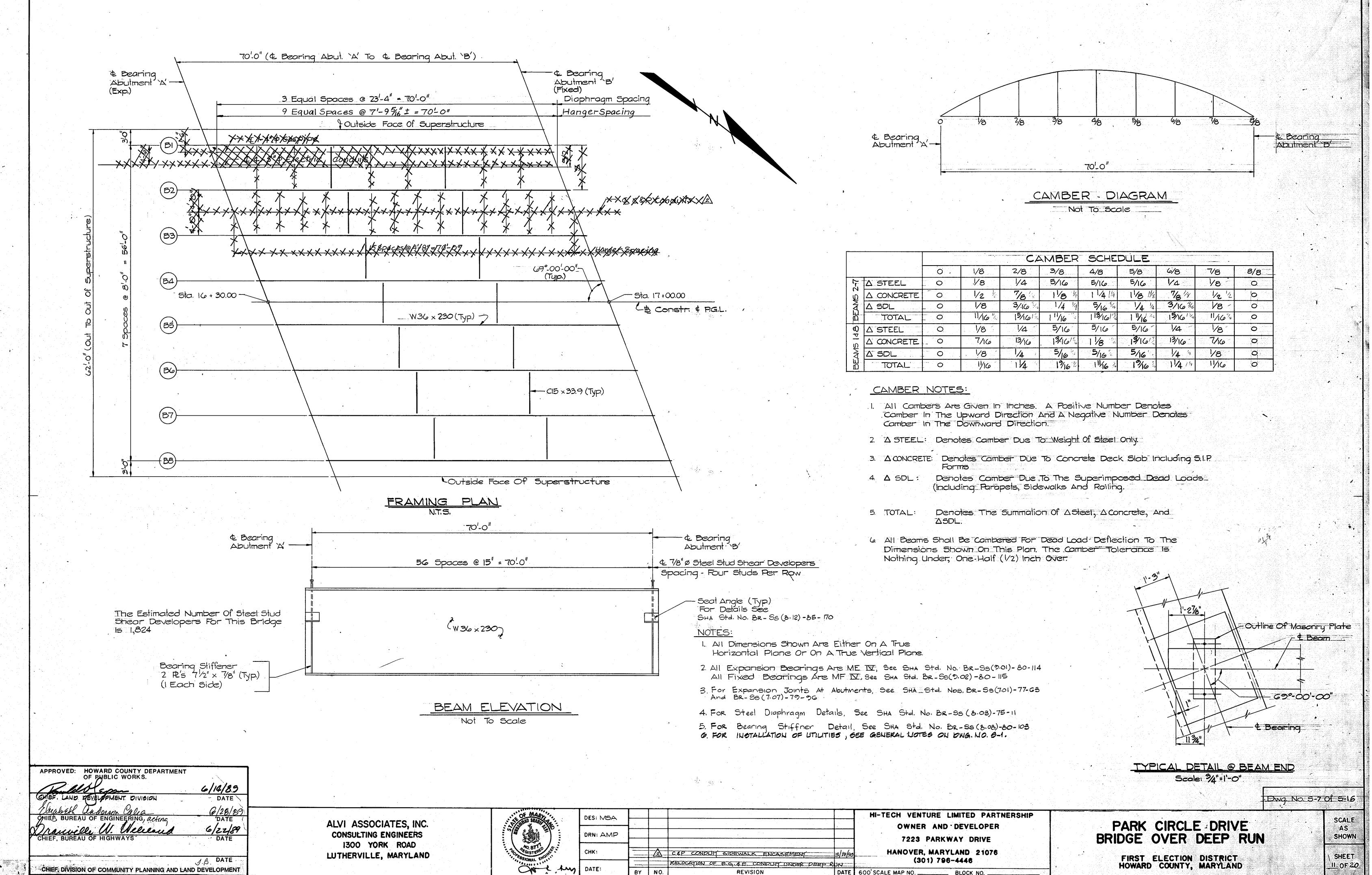
OWNER AND DEVELOPER 7223 PARKWAY DRIVE HANOVER, MARYLAND 21076

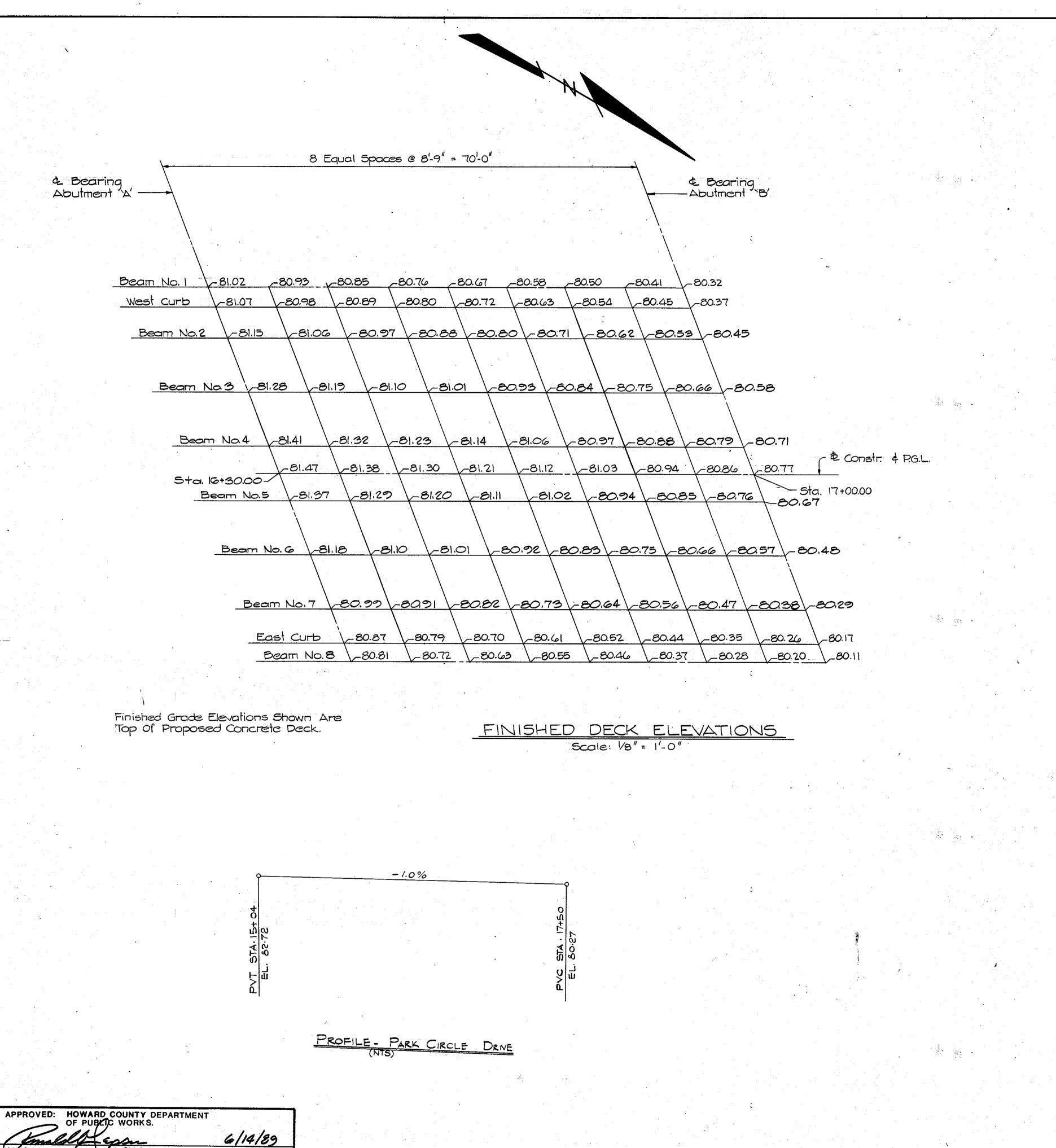
(301) 796-4446

PARK CIRCLE DRIVE BRIDGE OVER DEEP RUN

FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE: AS SHOWN CONTRACT NO.





ALVI ASSOCIATES, INC.

CONSULTING ENGINEERS

1300 YORK ROAD

LUTHERVILLE, MARYLAND

HI-TECH VENTURE LIMITED PARTNERSHIP DES: OWNER AND DEVELOPER 7223 PARKWAY DRIVE HANOVER, MARYLAND 21076 CHK: (301) 796-4446 DATE: BY NO. REVISION DATE 600'SCALE MAP NO. _ BLOCK NO.

Dwg. No. 5-8 Of 5-16 SCALE PARK CIRCLE DRIVE BRIDGE OVER DEEP RUN AS

FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND

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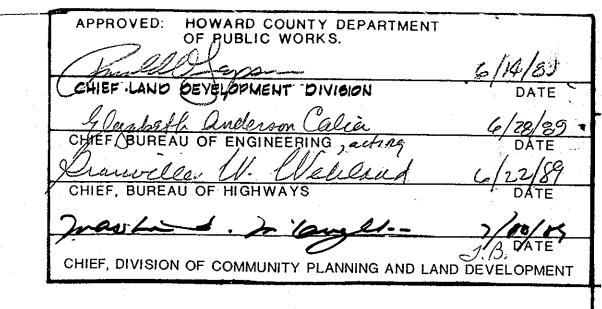
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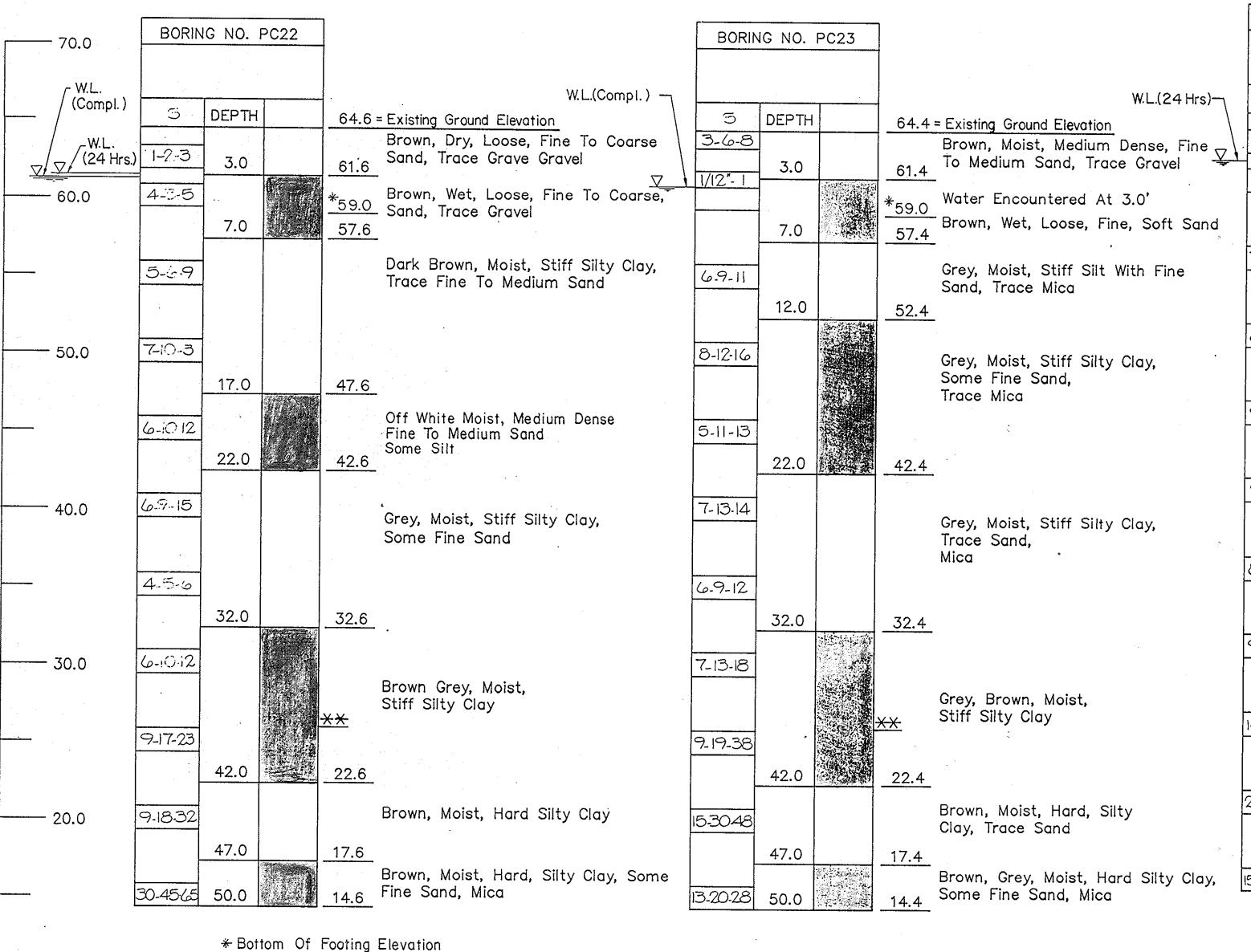
(a/28/89 DATE

6/22/89 DATE

CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

SHOWN





BORING NO. PC24 65.7 = Existing Ground Elevation W.L.(Compl.) — Brown, Moist, Loose, Fine Sand, 62.7 Some Silt, Trace Gravel Brown Wet Loose, Fine To Coarse 2-2-2 Gravel, Trace Silt 7-12-15 12.0 8-16-17 Grey, Moist, Stiff Silty, Some Wood 9-12-16 22.0 43.7 9-12-16 Grey, Moist, Stiff To Hard Silty Clay, Trace Sand 8-10-12 9-12-15 Grey, Moist, Stiff To Hard 10-14-19 Silty Clay, Trace Sand 21-35-42 Red, Moist, Hard Silty Clay, Trace Sand 15.32-75 50.0

BORING NO. PC25 =Existing Ground Elevation DEPTH 11-1-2 Brown, Moist, Loose Fine To Medium Sand, 3.0 61.9 Trace Gravel Water Encountered At 3.5' 2-1-1 *59.0 Brown, Wet, Very Loose, Fine 57.9 To Coarse Sand, Gravel 4-6-8 Grey, Moist, Stiff To Hard, Silty Clay, 5-8-10 Trace Fine Sand Grey, Moist, Stiff To Hard, Silty Clay, 6-10-14 Trace Fine Sand 8-12-14 Grey, Moist, Stiff To Hard, Silty Clay, Trace Fine Sand 5-6-11 8-12-14 7-12-12 12-24-48 20-38-50 50.0 12.9

Red Grey, Moist, Stiff Silty Clay

Red Brown, Moist, Hard, Silty Clay, Trace Fine Sand

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REV NO REYDATE REVISIONS PARLWAY CORPORATE CENTER

FOWARD COUNTY, MARYLAND HITECH VELTURE LIMITED PARTHEESHIP

IST ELECTION DISTRICT

OWLER ALD DEVELOPER 7223 PARKWAY CENTER HANOVER, MARYLAND 21076

PROJECT AREA SECTION 1

PROJECT TITLE

PARK CIRCLE DRIVE

BRIDGE OVER DEEP RUN

BORING LOGS

SCALE ! DATE 112-18-87 WHITMAN, REQUARDT AND ASSOCIATES

> ENGINEERS BALTIMOZE, MARYLAND 2:218

ALVI ASSOCIATES, INC. CONSULTING ENGINEERS TOWSON, MARYLAND

DWG. NO. 5-9. OF

BORING LOGS

Scale: 1" = 5' - 0"

NOTES:

10.0

1) Borings PC22, PC23, PC24 And PC25 Were Taken in August, 1987 By Pittsburgh Testing Laboratory.

XX-Estimated Pile Tip Elevation

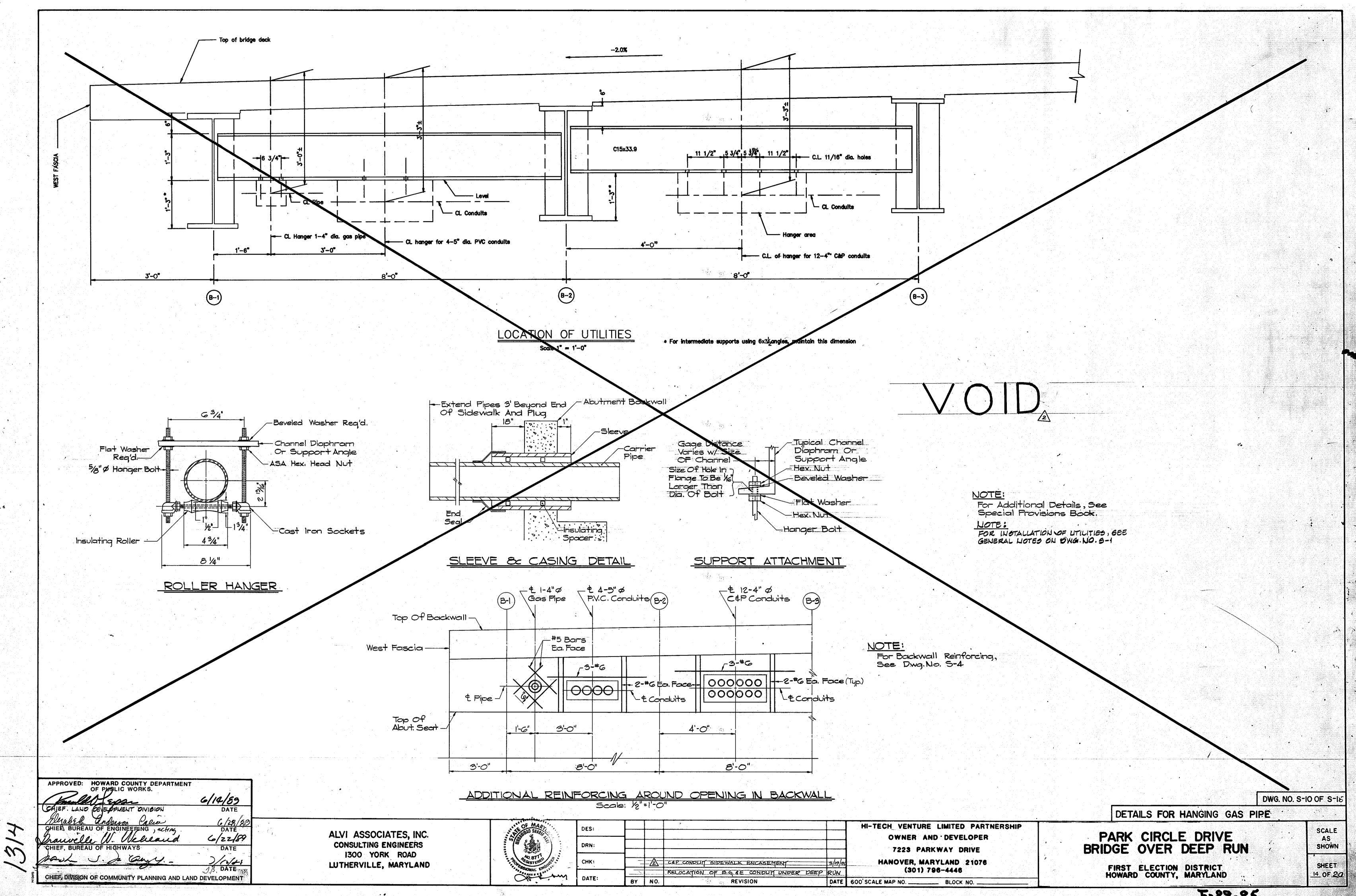
2) 5= Blows Per Ft. On Standard 2" O.D. Sampling Spoon By 140 lb. Weight Freely Falling 30"

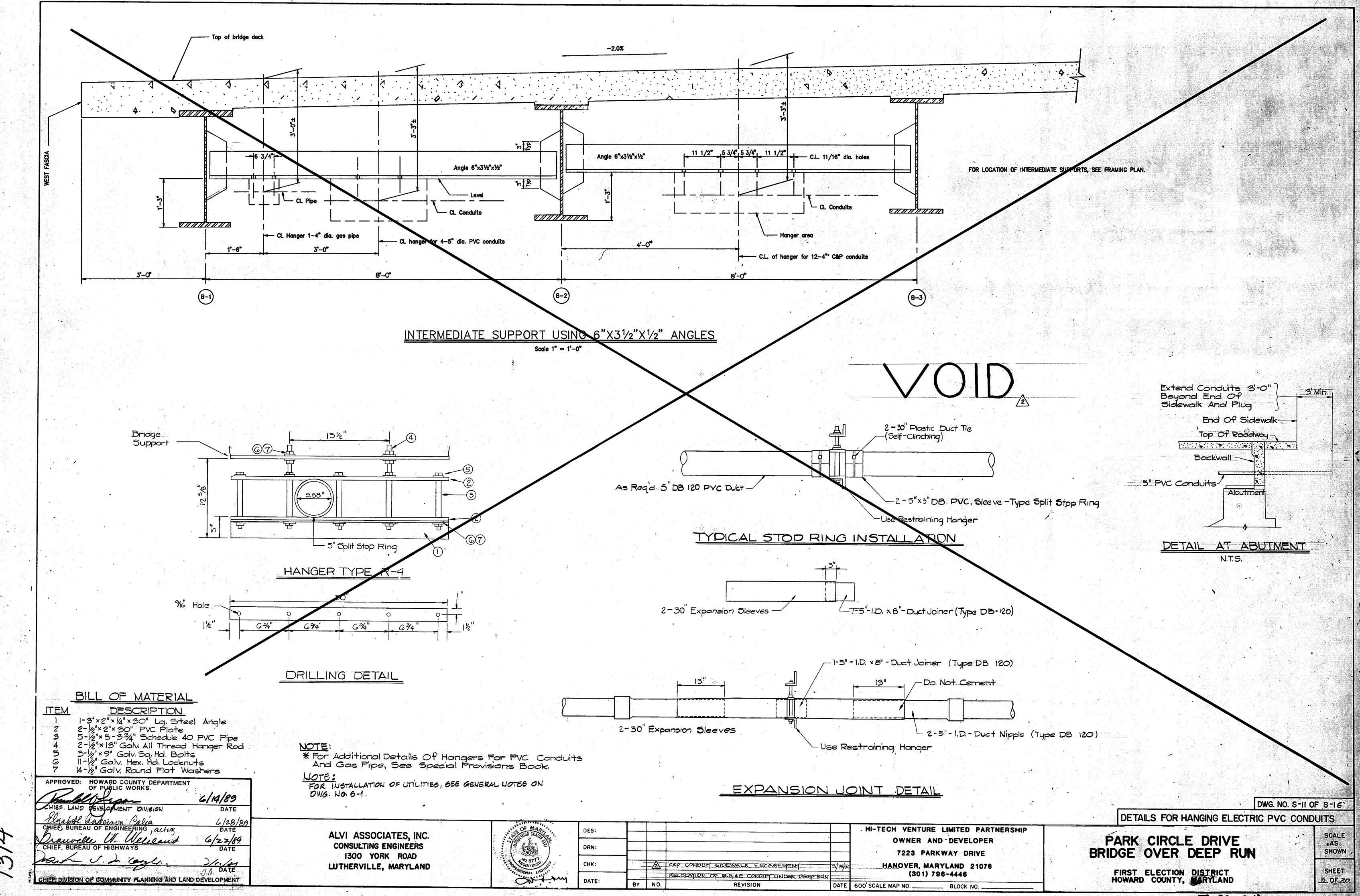
WL(H)= Water Table Level. (Figure In Parenthesis indicates Reading In Hours After Completion Of Boring.)

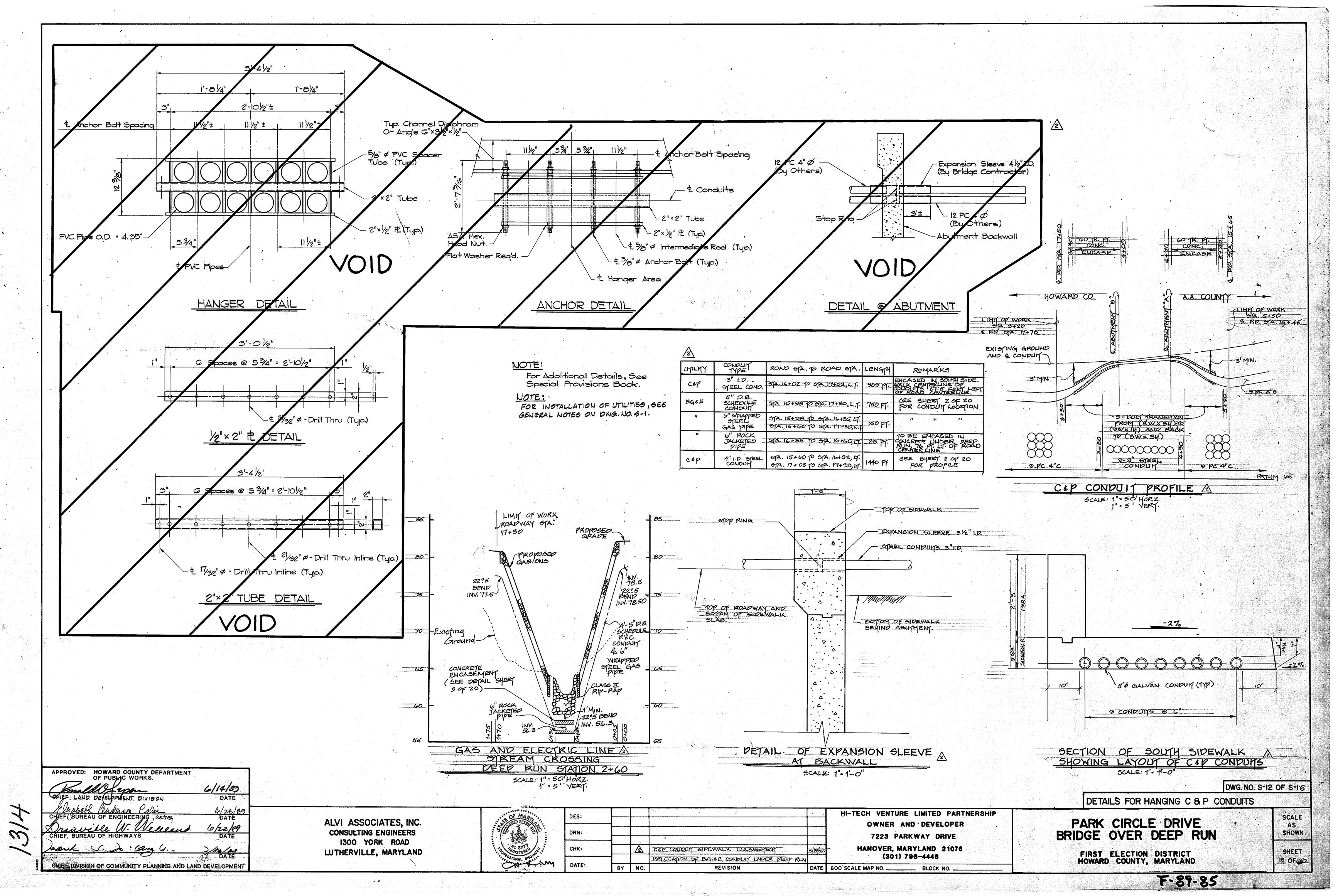
3) For Boring Location Plan, See General Plan & Elevation Dwg No.5-1

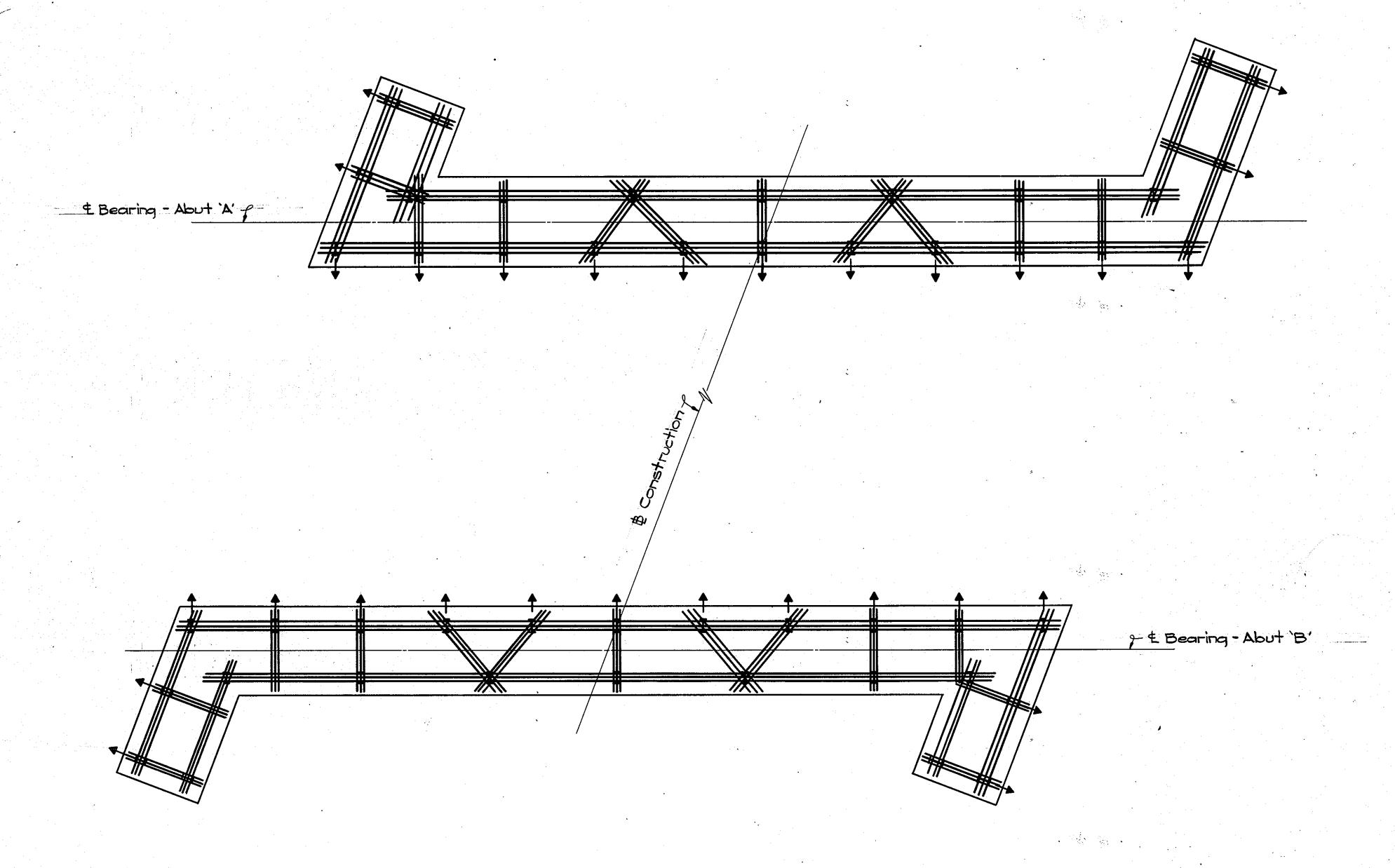
F-87-85

SHEET 13 OF 20









LAYOUT OF REINFORCING STEEL OVER PILES

Scale: 3/6"=1'-0"

JOTE

1) All Rebars Shall Be 3-*6@4"c/c.

2) Lower Mat Of Bars Shall Be 3" (Vertical) —
Above Top Of Centerline Of Pile

3) Shop Plans Shall Show How Rebars Are To Be Tied As Well As How They Will Be Held In Place Above Piling While Pour is Being Made.

APPROVED: HOWARD COUNTY DEPARTMENT
OF PUBLIC WORKS.

C/14/89

CHIEF. LAND DEVELOPMENT DIVISION

CHIEF, BUREAU OF ENGINEERING Lifens

CHIEF, BUREAU OF HIGHWAYS

DATE

ALVI ASSOCIATES, INC.
CONSULTING ENGINEERS
1300 YORK ROAD
LUTHERVILLE, MARYLAND

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HI-TECH VENTURE LIMITED PARTNERSHIP

OWNER AND DEVELOPER

7223 PARKWAY DRIVE

HANOVER, MARYLAND 21076

(301) 796-4446

PARK CIRCLE DRIVE BRIDGE OVER DEEP RUN

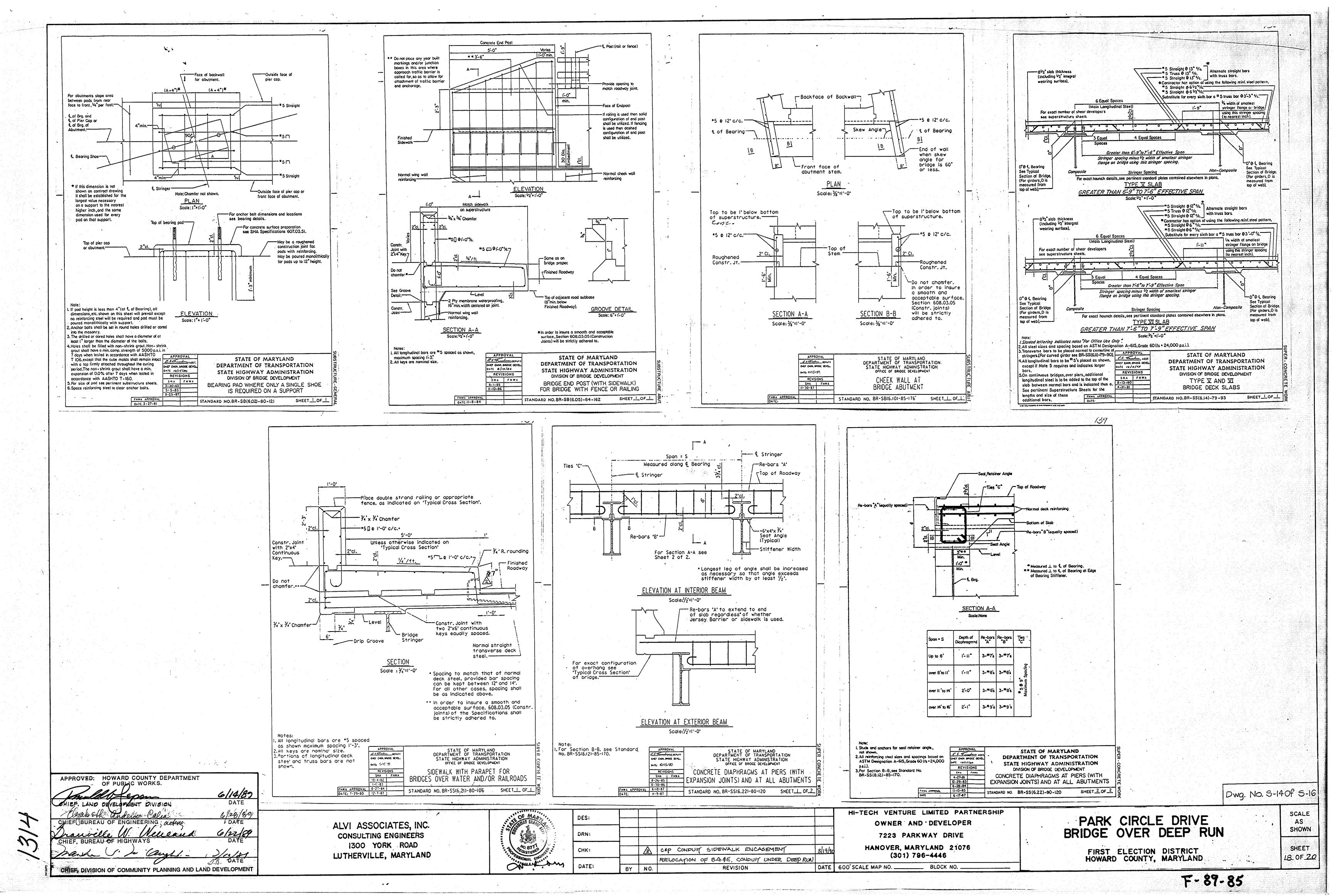
FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND

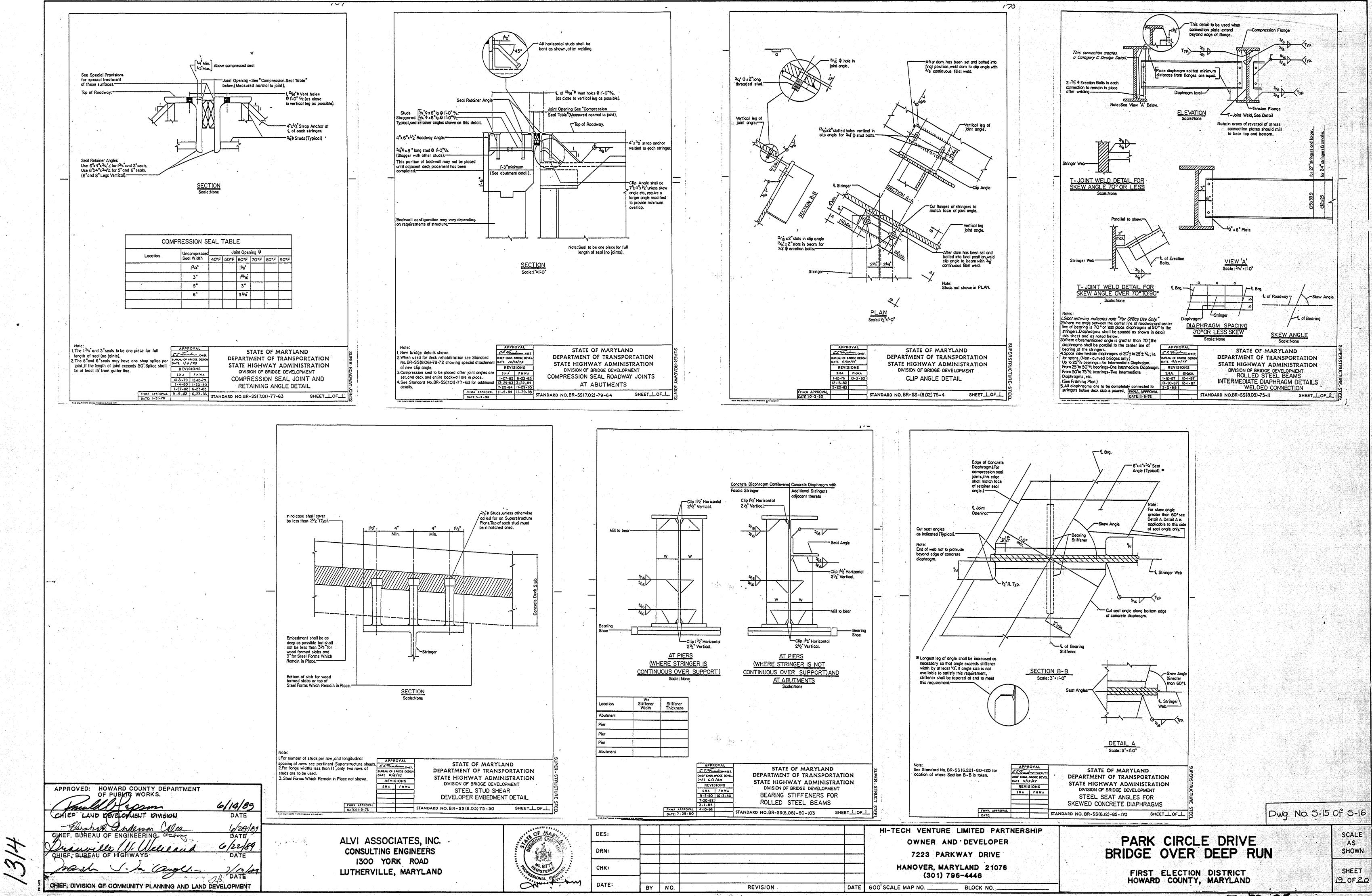
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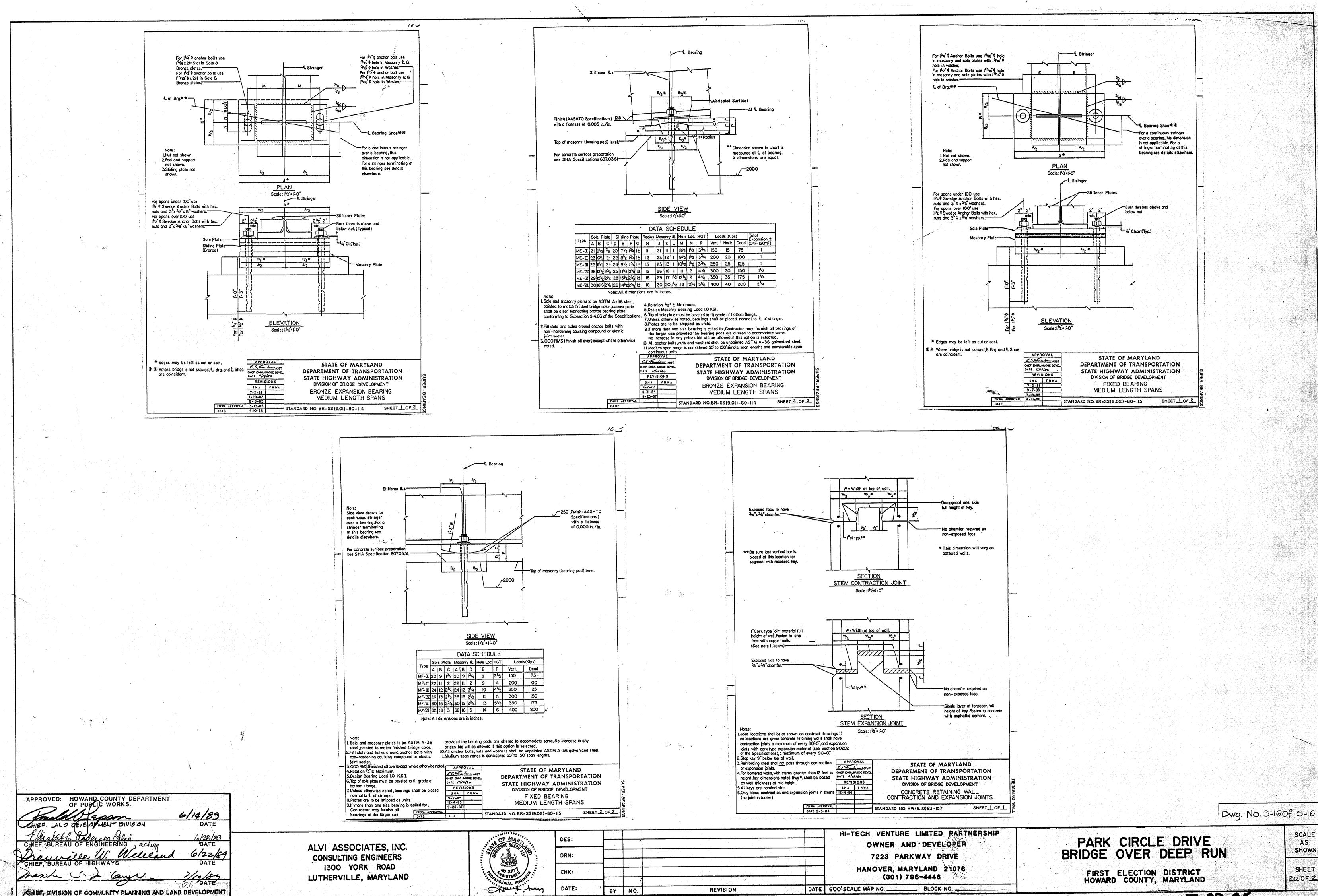
DWG. NO. 5-13 Of 5-16.

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