

N 567,250
E 1,333,000

N 566,750
E 1,333,000

N 566,750
E 1,333,000

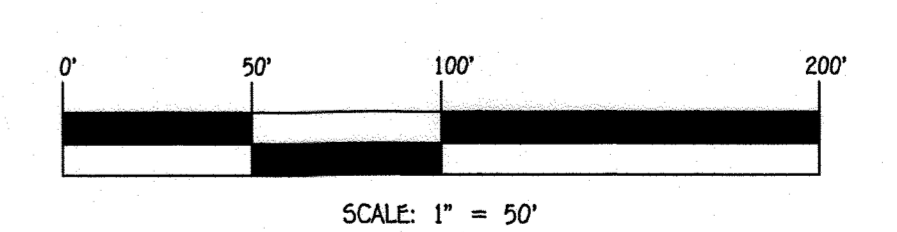
PLAN
SCALE: 1" = 50'

DAILY STABILIZATION NOTE:
THIS NOTE SHOULD BE USED FOR MINIMAL AREAS WITHIN THE LIMITS OF DISTURBANCE THAT DO NOT OBTAIN TO A SEDIMENT CONTROL MEASURE AND/OR WHERE THE INSTALLATION OF CONTROLS IS NOT FEASIBLE. (LPSS INSTALLATION)

CONTRACTOR SHALL ONLY DISTURB THAT AREA WHICH CAN BE COMPLETED AND STABILIZED BY THE END OF EACH WORKING DAY. STABILIZATION SHALL BE AS FOLLOWS:

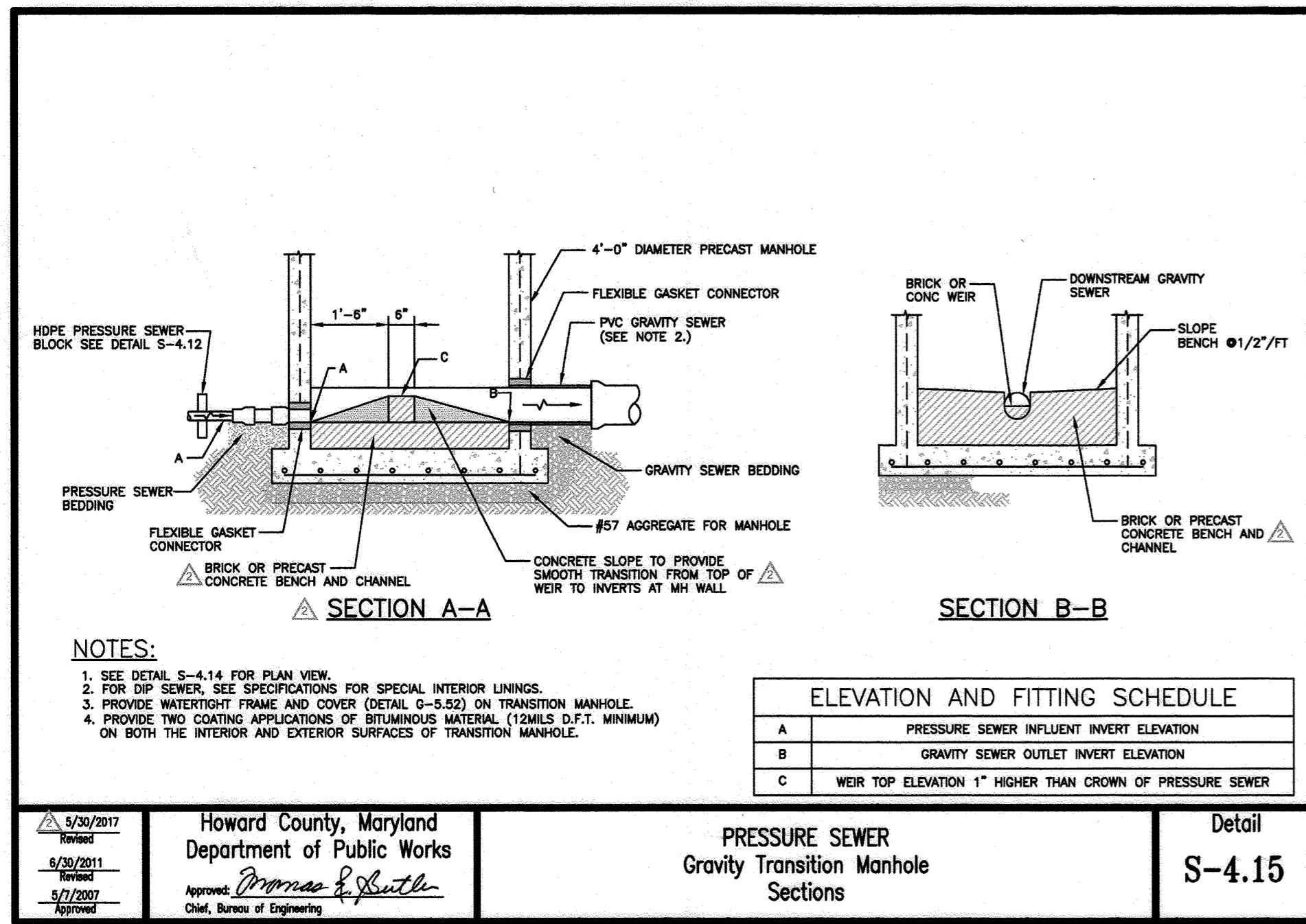
- FOR AREAS TO BE PAVED, THE APPLICATION OF STONE BASE.
- FOR AREAS TO BE VEGETATIVELY STABILIZED:
 - PERMANENT SEED AND SOIL STABILIZATION MATTING OR 500 FOR ALL STEEP SLOPES, CHANNELS OR SWALE.
 - PERMANENT SEED AND MULCH FOR ALL OTHER AREAS.

ANY AREAS WHICH CAN NOT BE STABILIZED BY THE END OF EACH WORKING DAY MUST HAVE SILT FENCE INSTALLED ON THE DOWNSLOPE SIDE.



CONTRACT NO. 24-5215-D
LEE PROPERTY
LOW PRESSURE SEWER MAIN EXTENSION
HOWARD COUNTY, MARYLAND

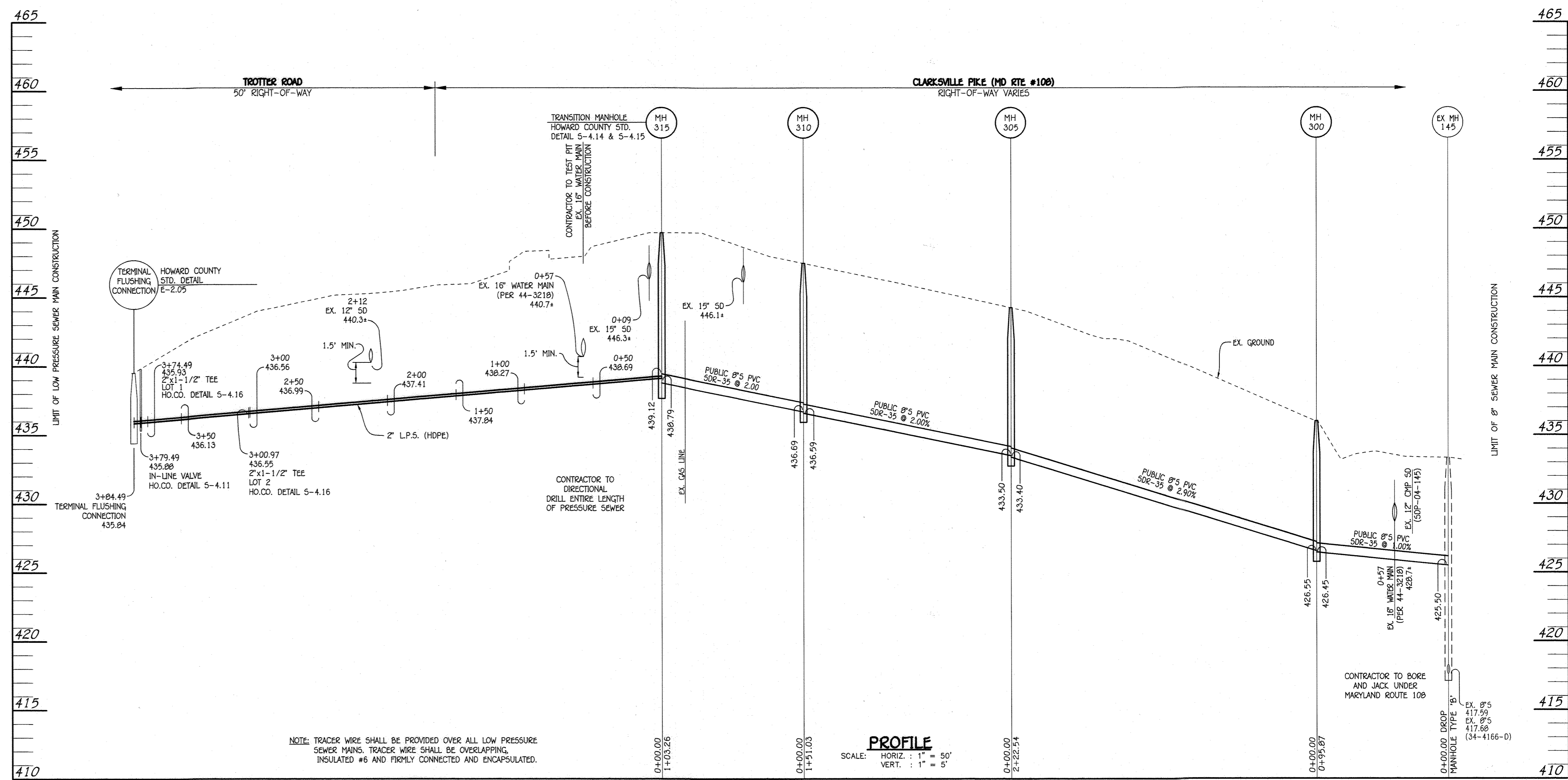
DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND CHIEF, BUREAU OF UTILITIES	DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND CHIEF, DEVELOPMENT ENGINEERING DIVISION	I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 27020 EXPIRATION DATE IS 1/25/26. FISHER, COLLINS & CARTER, INC. CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE ELICOTT CITY, MARYLAND 21042 (410) 461-2895 PAUL GERARD CAVANAUGH	DESIGNED BY: L.A.G.	PRELIMINARY LOW PRESSURE SEWER MAIN EXTENSION PLAN	SCALE: AS SHOWN SHEET 2 OF 3
			DRAWN BY: T.L.		



ELEVATION AND FITTING SCHEDULE	
A	PRESSURE SEWER INFLUENT INVERT ELEVATION
B	GRAVITY SEWER OUTLET INVERT ELEVATION
C	WEIR TOP ELEVATION 1" HIGHER THAN CROWN OF PRESSURE SEWER

Howard County, Maryland
Department of Public Works
Approved: *Thomas & Smith*
Chief, Bureau of Engineering

Detail
S-4.15



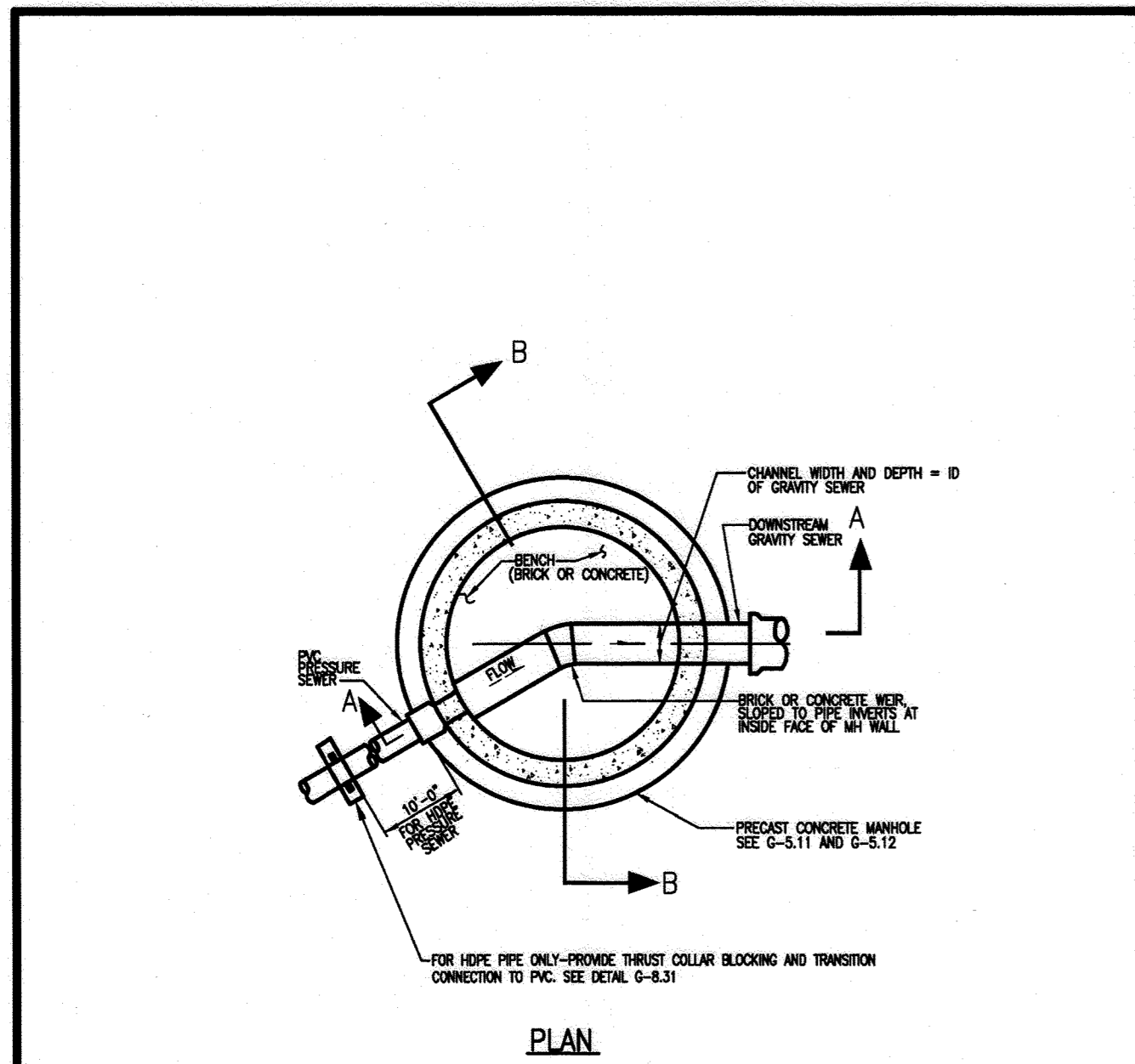
NOTE: TRACER WIRE SHALL BE PROVIDED OVER ALL LOW PRESSURE SEWER MAINS. TRACER WIRE SHALL BE OVERLAPPING, INSULATED #6 AND FIRMLY CONNECTED AND ENCAPSULATED.

8" SEWER MAIN AND 2" L.P.S.

L.P.S. STA.	APPURTENANCE	NORTHING	EASTING	RIM ELEVATION
LOW PRESSURE SEWER MAIN: TRANSITION MANHOLE TO LOT 1				
0+00.00	TRANSITION MANHOLE	566,930.89	1,333,370.75	449.80
0+73.77	PC (CRIMP RADIUS 15')	566,884.98	1,333,428.48	
0+82.13	PT (CRIMP RADIUS 15')	566,878.26	1,333,433.28	
3+00.97	2" X 1 1/2" TEE	566,672.06	1,333,506.59	
3+01.31	PC (CRIMP RADIUS 300')	566,671.74	1,333,506.71	
3+35.41	PC (CRIMP RADIUS 300')	566,640.49	1,333,520.27	
3+69.49	PT (CRIMP RADIUS 300')	566,609.24	1,333,533.84	
3+74.49	2" X 1 1/2" TEE	566,604.54	1,333,535.53	
3+79.49	PRESSURE SEWER IN-LINE VALVE	566,599.83	1,333,537.23	439.81
3+84.49	TERMINAL FLUSHING CONNECTION	566,595.13	1,333,538.93	439.52

NO.	NORTHING	EASTING	RIM ELEVATION
300 (PUBLIC)	567,231.22	1,333,736.90	436.0
305 (PUBLIC)	567,106.59	1,333,552.53	444.2
310 (PUBLIC)	567,011.71	1,333,435.02	447.8
315 (PUBLIC)	566,930.89	1,333,370.75	449.8

NOTE: SET MH RIMS FLUSH W/EXISTING GRADE AND SLOPE.



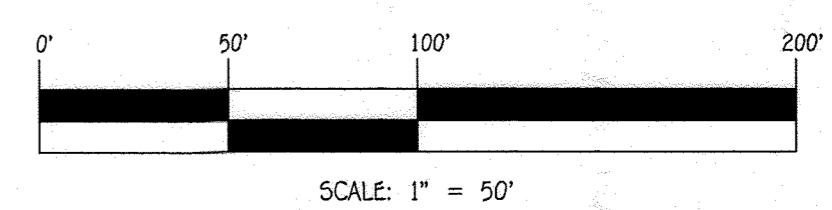
NOTES:

- FOR SECTION A-A, SEE DETAIL S-4.15
- FOR SECTION B-B, SEE DETAIL S-4.15

Howard County, Maryland
Department of Public Works
Approved: *Thomas & Smith*
Chief, Bureau of Engineering

Detail
S-4.14

OWNER/DEVELOPER
SANGJAE LEE
5765 WESTERN SEA RUN
CLARKSVILLE, MD 21029
410-302-8356



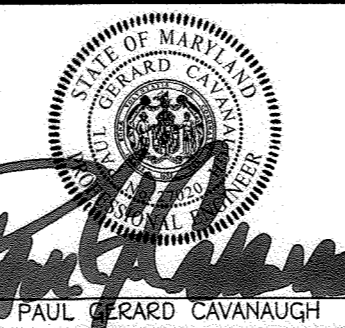
CONTRACT NO. 24-5215-D
LEE PROPERTY
LOW PRESSURE SEWER MAIN EXTENSION
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
Paul Cavanaugh
CHIEF, BUREAU OF UTILITIES

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND
Paul Cavanaugh
CHIEF, DEVELOPMENT ENGINEERING DIVISION

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. 27020 EXPIRATION DATE IS 1/25/26.

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLSWORTH CITY, MARYLAND 21042
(410) 461-2895



DESIGNED BY: L.A.G.
DRAWN BY: T.L.
CHECKED BY: P.G.C.
DATE: 1/10/24

FINAL
LOW PRESSURE SEWER MAIN EXTENSION
PROFILE SHEET
600' SCALE MAP NO. 29 BLOCK NO. 20
F.C.C. WORK ORDER NO. 20221-6001
FILE NAME: LOW PRESSURE SEWER MAIN EXTENSION PLAN

LEE PROPERTY
LOW PRESSURE SEWER MAIN EXTENSION
CONTRACT NO. 24-5215-D
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: AS SHOWN
SHEET 3 OF 3