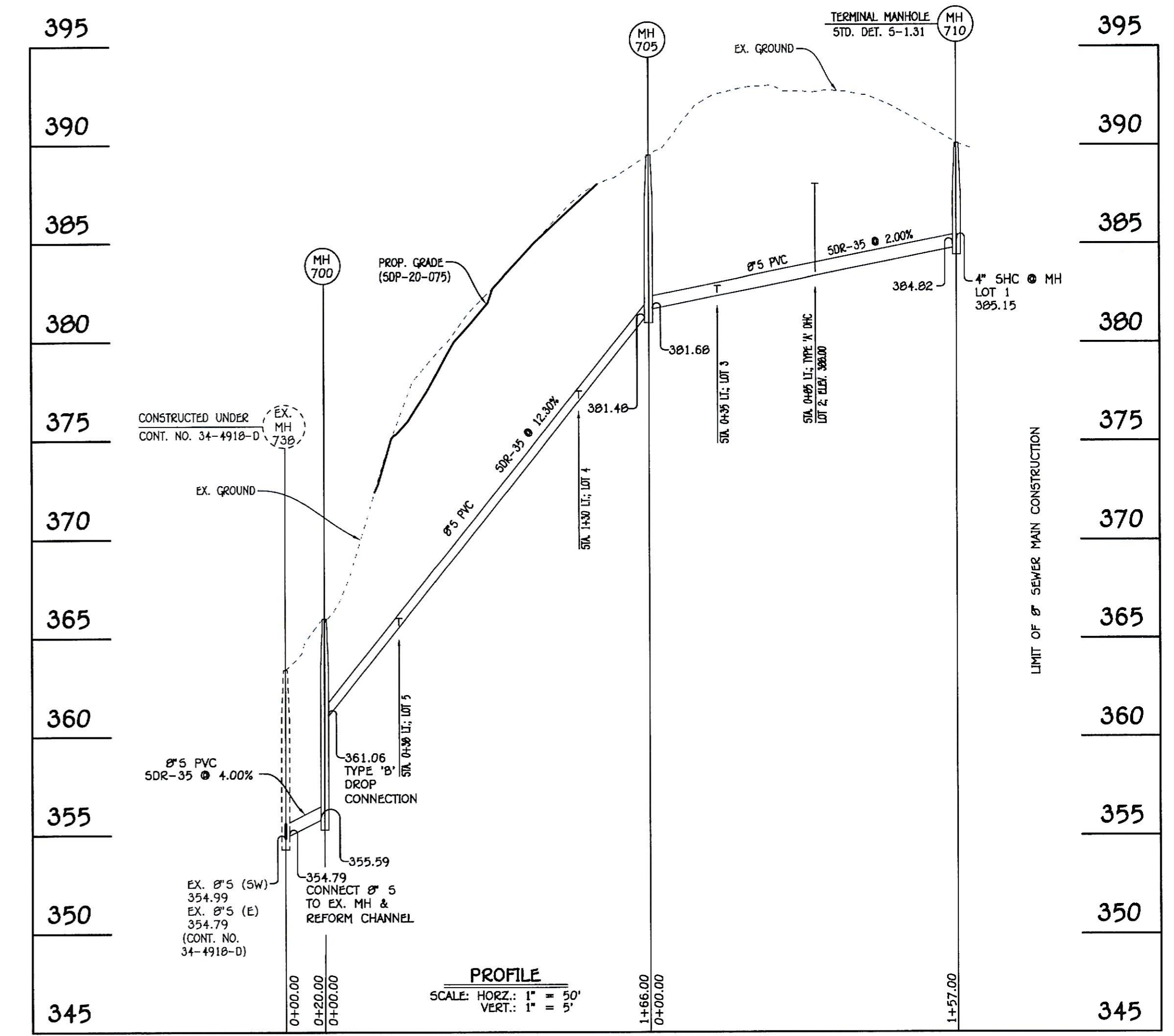


WATER HOUSE CONNECTION AS-BUILT LOCATION TABLE			
LOT NUMBER	ADDRESS	LOCATION DIMENSION 1	LOCATION DIMENSION 2
1			
2			
3			
4			
5			

SEWER HOUSE CONNECTION AS-BUILT LOCATION TABLE			
LOT NUMBER	ADDRESS	LOCATION DIMENSION 1	LOCATION DIMENSION 2
1			
2			
3			
4			
5			



6" WATER MAIN: LOTS 1 THRU 5

8" SEWER MAIN: EX. MH 738 TO MH 710

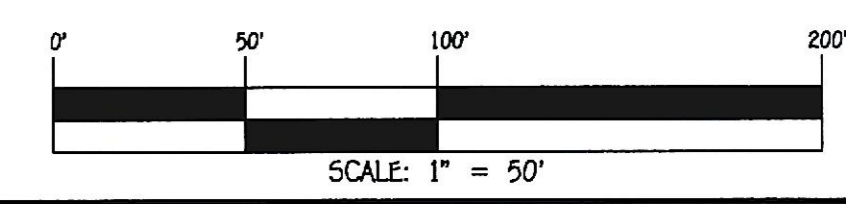
WATER MAIN TABULATION CHART			
W.M. STA.	APPURTENANCE	NORTHING	EASTING
6" WATER MAIN: LOTS 1 THRU 5			
0+00.00	CONNECT TO EX. 12" W w/ 12"x6" TAPPING SLEEVE	556812.23	1330397.69
0+03.00	6" TAPPING VALVE	556813.55	1330400.38
0+05.00	3" DEFLECTION COUPLING (UP)	556814.44	1330402.17
0+15.00	3" DEFLECTION COUPLING (UP)	556818.86	1330411.14
0+25.00	3" DEFLECTION COUPLING (UP)	556823.29	1330420.11
0+38.00	1/16 H.B.	556829.05	1330431.79
1+29.50	3" DEFLECTION COUPLING (DOWN)	556898.49	1330491.35
1+45.74	1/32 H.B.	556910.81	1330501.91
2+26.20	2" DEFLECTION COUPLING (DOWN)	556981.98	1330539.45
2+33.80	1/32 H.B.	556988.63	1330542.84
2+47.00	6"x6" F.H. TEE	556998.78	1330550.96
2+73.00	6" PLUG & BUTTRESS	557019.35	1330567.44

- WATER MAIN NOTES:**
1. ALL WATER MAINS SHALL BE AWWA C900 PVC PIPE; DR-14.
  2. ALL PIPE BEDDING, TRACER WIRE, LOCATING TAPE AND OTHER APPURTENANCES SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV - WATER AND SEWER STANDARDS FOR AWWA C900 PVC WATER PIPE INSTALLATION.
  3. DEFLECTION COUPLINGS SHALL BE CERTAIN-TEED PVC HIGH DEFLECTION COUPLINGS.
  4. ALL WATER HOUSE CONNECTIONS AND TAPS SHALL BE PERFORMED USING A SADDLE.

MANHOLE TABULATION CHART			
NO.	NORTHING	EASTING	RIM ELEVATION
700	556723.81	1330500.15	366.00
705	556841.16	1330617.62	389.50
710	556952.09	1330728.66	390.00

NOTE: SET MH RIMS FLUSH W/PROPOSED GRADE OR EXISTING GROUND AS APPLICABLE.

SEWER HOUSE CONNECTION CHART						
STATION	LOT	ELEVATION AT MAIN	ELEVATION AT EDGE OF EASEMENT	M.C.E.	BASEMENT ELEV.	1ST. FLOOR ELEV.
MH 700 TO MH 705						
0+38 LT.	5	365.90	366.10	370.80	373.84	383.07
1+30 LT.	4	377.22	377.42	382.22	383.57	392.80
MH 705 TO MH 710						
0+35 LT.	3	382.38	382.58	387.58	391.57	400.80
0+85 LT.	2 DHC	388.00	388.20	393.00	394.37	403.60
MH 710 LT.	1 SHC @ MH	385.15	385.99	392.09	396.98	406.21

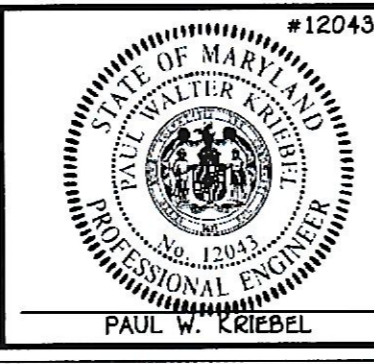


DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND

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. 12043 EXPIRATION DATE IS 7/16/22.

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
ELKLOTT CITY, MARYLAND 21042  
(410) 461-2999



DESIGNED BY: J.C.L.  
DRAWN BY: J.C.L.  
CHECKED BY: P.W.K.  
DATE: SEPTEMBER, 2020

SEWER & WATER MAIN EXTENSIONS  
PROFILES, CHARTS & TABLES

600' SCALE MAP NO. 35 BLOCK NO. 13  
F.C.C. WORK ORDER NO. 11059-3002  
DATE: \_\_\_\_\_ FILE NAME: SEWER & WATER MAIN EXTENSION PLAN

LUTFI PROPERTY  
LOTS 1 THRU 5  
SEWER & WATER MAIN EXTENSIONS  
CONTRACT NO. 34-5076-D  
FIFTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN  
SHEET 3 OF 4