

**FITTING CHART**

STATION	FITTING	NAD '83/'91 COORDINATES
WATERLINE 'A'		
0+00	12" x 8" T.S.&V.	N 564821.42 E 1346268.33
1+49	8" x 6" F.H.T.	N 564832.57 E 1346119.71
1+69	8" x 5" SNEEP	N 564834.07 E 1346099.67
3+94	8" x 8" T.	N 564834.83 E 1345875.16
4+44	8" x 1/2" H.B.	N 564835.05 E 1345822.00
5+28	8" x 6" F.H.T.	N 564865.47 E 1345147.24
5+32	8" x 6" CAP	N 564861.24 E 1345143.00
WATERLINE 'B'		
0+00	12" x 8" T.S.&V.	N 564500.00 E 1345111.60
0+45	8" x 5" SNEEP	N 564544.53 E 1345114.03
1+02	8" x 1/2" H.B.	N 564602.35 E 1345113.97
1+72	8" x 1/2" H.B.	N 564651.27 E 1345162.74
2+66	8" x 1/2" H.B.	N 564681.24 E 1345044.84
3+01	8" x 1/2" H.B.	N 564711.77 E 1345074.58
3+19	8" x 6" T.	N 564730.25 E 1345074.81
3+62	8" x 6" F.H.T.	N 564712.86 E 1345074.96
4+24	8" x 8" T.	N 564834.83 E 1345075.16

**FIRE HYDRANT CHART**

FH	NAD '83/'91 COORDINATES
A	N 5648014.25 E 1346118.71
B	N 564855.69 E 1345143.15
C	N 564712.83 E 1345084.35

**CONTINUITY TEST STATION CHART**

STR.	WATERLINE STATION	OFFSET	REMARKS
WATERLINE 'A'			
1	1+41	1' LEFT	HO. CO. STD. DETAIL W-115
2	5+28	10' LEFT	HO. CO. STD. DETAIL W-115
WATERMAIN 'B'			
3	3+62	9' RIGHT	HO. CO. STD. DETAIL W-115

NOTE: IN AN EMAIL FROM DPW DATED 12/13/22, THE PLAY EQUIPMENT ENCROACHMENTS INTO THE WATER EASEMENT WERE ALLOWED. THE NECESSARY APPROVALS AND AGREEMENTS TO ALLOW SUCH WILL BE INCORPORATED INTO THE DEVELOPMENT AGREEMENT PROCESS BY REAL ESTATE SERVICES

L:\CADD\DRAWINGS\2023\PLANS BY QMW\WSP\FINAL\W&S\21111-FW-2.dwg, PLOTTED: 1/12/2023 10:21 AM, LAST SAVED: 1/12/2023 9:53 AM, PLOTTED BY: Waymond Joyner

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND  
1/23/23  
DATE

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND  
2.6.23  
DATE

**GLW**  
PLANNING ENGINEERING SURVEYING  
3900 NATIONAL DRIVE | SUITE 250 | BURTONSVILLE, MD 20886 | QMW@P.COM  
PHONE: 301-421-4024 | BALT: 410-980-1820 | DC&VA: 301-989-2624 | FAX: 301-421-4186

DESIGNED BY: Wsj  
DRAWN BY: Wsj  
CHECKED BY: DDS  
DATE: JAN, 2023  
G.L.W. No. 21111

PROFESSIONAL CERTIFICATION  
I HEREBY CERTIFY THAT THESE PLANS 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. 12975  
EXP. DATE: MAY 28, 2024  
1-12-23

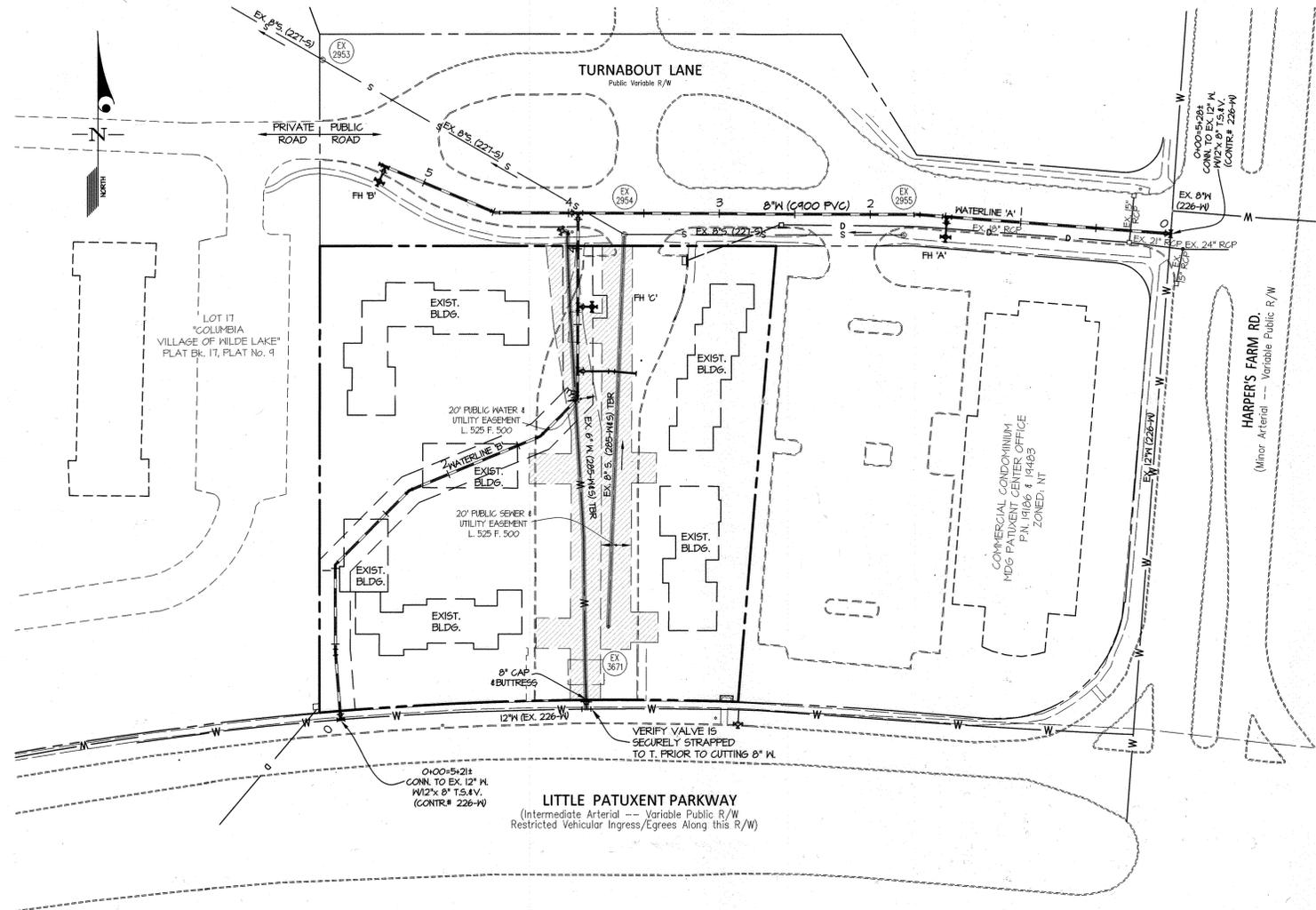
BY	NO	REVISION	DATE

FINAL WATER & SEWER PLAN and PROFILE  
600' SCALE MAP NO. 36 BLOCK NO. 2

PREPARED FOR:  
**Enterprise**  
Enterprise Community Homes Housing LLC (Owner)  
Enterprise Community Development, Inc. (Developer)  
875 Hollin Street, Suite 202, Baltimore, MD 21201  
410-332-7400

**Ranleigh Court Apartment**  
CONTRACT No. 24-5203-D  
Village of Harper's Choice, Section 3, Area 2  
Lot 18, Plat Book 13 Pg. 89  
Howard County, Maryland  
Election District No. 5

SCALE  
1" = 50'  
SHEET  
2 OF 3



**NOTES:**

1. WATERLINES 'A' AND 'B' MAY BE INSTALLED CONCURRENTLY PROVIDED THE PROPER COVER CAN BE PROVIDED OVER WATERLINE 'B' AND THE EXISTING FIRE HYDRANT ON TURNABOUT LANE IS NOT OUT OF SERVICE FOR AN EXTENDED PERIOD OF TIME PRIOR TO PLACING THE NEW HYDRANTS INTO SERVICE. CONTACT HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS FOR ALLOWABLE HYDRANT SHUTDOWN. WATERLINE 'A' AND 'B' MAY BE TESTED, SERIALIZED, AND DISINFECTED AT THE SAME TIME IN THIS SCENARIO.

**SEQUENCE OF CONSTRUCTION:**

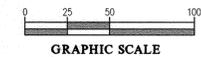
(SEE SDP-22-51 FOR ADDITIONAL INFORMATION)

1. DISCONNECT ALL EXISTING STRUCTURES FROM PUBLIC WATER AND SEWER MAINS.
2. OBTAIN A DEMOLITION PERMIT(S) AND DEMOLISH ALL EXISTING STRUCTURES.
3. INSTALL WATERLINE A, AND HYDRANTS A & B. INSTALL VALVE JUST BEYOND TEE @ 3414. CLOSE VALVE AND INSTALL TEMP. 8" CAP. TEST, STERILIZE, AND DISINFECT INSTALLED WATER MAIN IN ACCORDANCE WITH HOWARD COUNTY STANDARDS AND SPECIFICATIONS. SEE NOTE 1.
4. CLOSE EX VALVE @ CONNECTION TO 12" W. VERIFY VALVE IS SECURELY STRAPPED TO EXISTING 'T'. INSTALL 8" CAP JUST BEYOND VALVE.
5. REMOVE OR ABANDON ALL EXISTING WATER AND SEWER ON SITE, INCLUDING THE MODIFICATION TO EX. MH 2454 TO REMOVE THE EXISTING DROP CONNECTION. ANY ABANDONMENT MUST BE DONE IN ACCORDANCE WITH DESIGN MANUAL VOLUME 2. EXISTING WATERLINE WITHIN PROPOSED PUBLIC WATER EASEMENT MUST BE REMOVED.
6. ONCE SITE IS GRADED, INSTALL WATERLINE B AND ANY REMAINING PUBLIC WATER. MODIFY EXISTING SEWER MANHOLE 2454 AND INSTALL PUBLIC SEWER. TEST, STERILIZE, AND DISINFECT REMAINING WATER MAIN IN ACCORDANCE WITH HOWARD COUNTY STANDARDS AND SPECIFICATIONS. TIE WATERLINE 'B' INTO WATERLINE 'A'.

**LEGEND**

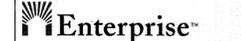
-  EXISTING WATER MAIN (TO BE REMOVED)
-  EXISTING SEWER MAIN (TO BE REMOVED)
-  EASEMENTS (TO BE ABANDONED)

L:\CADD\DRAWINGS\2011\PLANS BY BLM\WKS\FINAL WKS\241111-FW-5.dwg, PLOTTED: 1/12/2023 10:27 AM, LAST SAVED: 1/11/2023 2:18 PM, PLOTTED BY: Waymond Joyner



GRAPHIC SCALE

PREPARED FOR:



Enterprise Community Homes Housing LLC (Owner)  
Enterprise Community Development, Inc. (Developer)  
875 Hollis Street, Suite 202, Baltimore, MD 21201  
410-332-7400

DEPARTMENT OF  
PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*Rosalee Smith* 1/23/23  
CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF  
PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND

*Chad Edmister* 2-6-23  
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE



3909 NATIONAL DRIVE | SUITE 250 | BURTONSVILLE, MD 20986 | GLWPA.CCM  
PHONE: 301-421-4024 | BALT: 410-880-1520 | DC&VA: 301-989-2524 | FAX: 301-421-4186

DESIGNED BY: Wsj  
DRAWN BY: Wsj  
CHECKED BY: DDS  
DATE: JAN., 2023  
G.L.W. No.: 21111

**PROFESSIONAL CERTIFICATION**

I HEREBY CERTIFY THAT THESE PLANS 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. 12975  
EXP. DATE: MAY 26, 2024



BY	NO	REVISION	DATE

**FINAL WATER & SEWER  
DEMOLITION PLAN**

600' SCALE MAP NO. 36 BLOCK NO. 2

**Ranleigh Court Apartment  
CONTRACT No. 24-5203-D**

Village of Harper's Choice, Section 3, Area 2  
Lot 18, Plat Book 13 Pg. 89  
Howard County, Maryland  
Election District No. 5

SCALE

1" = 50'

SHEET

3 OF 3