

QUANTITIES				
ITEM	ESTIMATED	AS-BUILT		SUPPLIER
		QUANTITIES	TYPE	
8" S; PVC; SDR-35	240 L.F.	236 L.F.		J.M. Eagle
4" S; PVC; SDR-35	44 L.F.	34 L.F.		J.M. Eagle
MANHOLES	1 EACH			Concrete Pipe & Precast
CLEAN-OUTS	3 EACH	3		Prism Precast
4" M CS90 PVC; DR-18	425 L.F.	411 L.F.		J.M. Eagle
1-1/2" VHC	37 L.F.	40		Cambridge Lee
8" X 4" TAPPING SLEEVE	1 EACH	1		Ford Meter Box
4" TAPPING VALVE	1 EACH	1		American Flow Cont.
2 H.O.C.	1 EACH	1		Tyler Union
1/8 H.B.	4 EACH	4		Tyler Union
4" PLUG & BUTTRESS	1 EACH	1		Tyler Union
SINGLE OUTSIDE METER SETTING	3 EACH	3		A.V. McDonald
1-1/2" DRAIN	1 EACH	1		Apollo Valves
1/16 VB		2		Tyler Union

NAME OF UTILITY CONTRACTOR: **Gaines and Company Inc.**
 SURVEY & DRAFTING DIVISION AS-BUILT DATE:

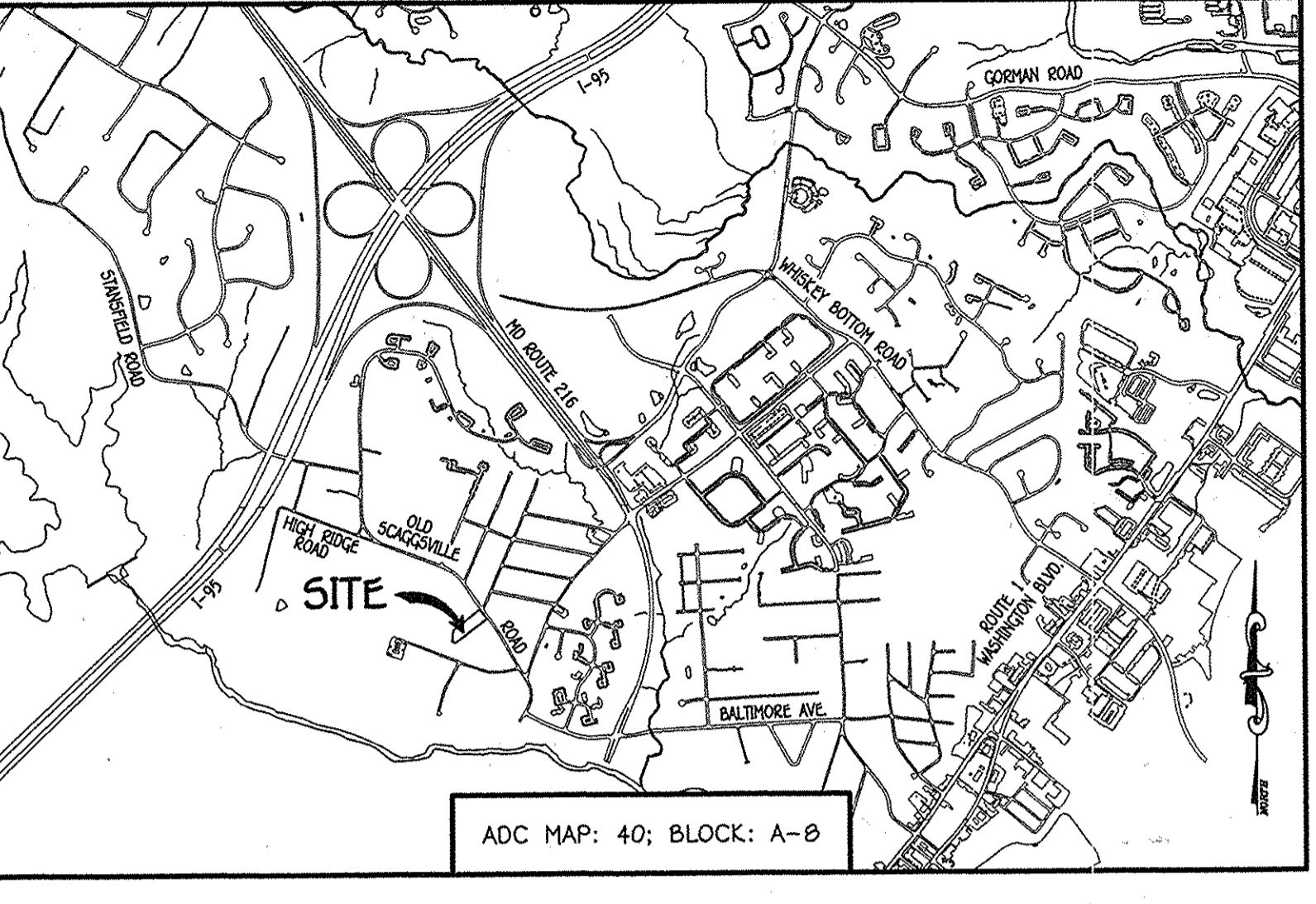
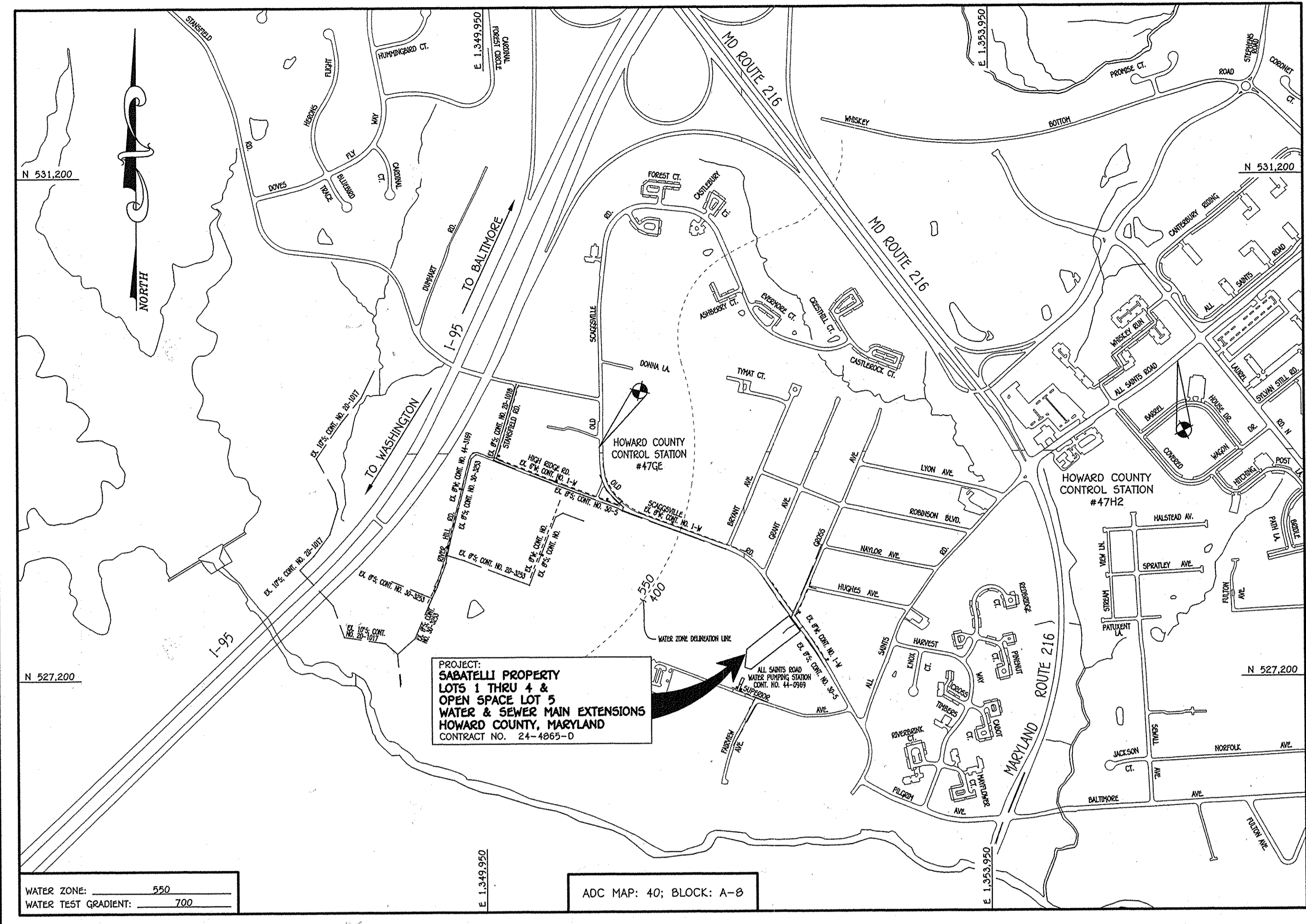
BENCHMARK INFORMATION

B.M.#1 - HOWARD COUNTY CONTROL STATION #47H2 - HORIZONTAL - NAD '83
 (LOCATED ALONG ALL SAINTS ROAD, APPROX. 1/4 MILE EAST OF ROUTE 216;
 ROUGHLY 2.08' OFF THE EDGE OF PAVING)
 N 529,706.429
 E 1,392,445.341
 ELEVATION = 256.093 - VERTICAL - (NAVD '88)

B.M.#2 - HOWARD COUNTY CONTROL STATION #47GE - HORIZONTAL - (NAD '83)
 (LOCATED ALONG OLD SCAGGSVILLE ROAD, BETWEEN POWER POLES, #375251 & #31000, APPROX.
 2.5' OFF EDGE OF PAVING, IN FRONT OF HOUSE #9160.
 N 529,044.984
 E 1,390,894.953
 ELEVATION = 335.756 - VERTICAL - (NAVD '88)

TYPE OF BUILDING:	RESIDENTIAL: SINGLE FAMILY DETACHED
NUMBER OF PARCELS:	4
NO. OF WATER HOUSE CONNECTIONS:	3
NO. OF SEWER HOUSE CONNECTIONS:	3
SEWER SHED:	LITTLE PATUXENT
TREATMENT PLANT:	LITTLE PATUXENT WATER RECLAMATION PLANT SAVAGE, MARYLAND

LOCATION MAP
SCALE: 1" = 600'



GENERAL NOTES
SCALE: 1" = 2000'

- PART A:**
- APPROXIMATE LOCATIONS OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING MAINS AND SERVICES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
 - TOPOGRAPHIC FIELD SURVEYS WERE PERFORMED ON OR ABOUT JANUARY, 2014 BY FISHER, COLLINS & CARTER, INC.
 - HORIZONTAL AND VERTICAL SURVEY CONTROLS:
 - THE COORDINATES SHOWN ON THE DRAWINGS ARE BASED ON MARYLAND STATE REFERENCE SYSTEM NAD '83/91 AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 47GE & NO. 47H2.
 - ALL VERTICAL CONTROLS ARE BASED ON NAVD '88 VERTICAL CONTROLS PROVIDED ON THE DRAWINGS.
 - ALL PIPE ELEVATIONS SHOWN ARE BRICK ELEVATIONS UNLESS OTHERWISE NOTED ON THE PLANS.
 - CLEAR ALL UTILITIES BY A MINIMUM OF 12 INCHES. CLEAR ALL POLES BY 5'-0" MINIMUM OR TUNNEL AS REQUIRED UNLESS OTHERWISE NOTED. THE OWNER HAS CONTACTED THE UTILITY COMPANIES AND HAS MADE ARRANGEMENTS FOR BRACING OF POLES AS SHOWN ON THE DRAWINGS. IN THE EVENT THE CONTRACTOR'S WORK REQUIRES BRACING OF ADDITIONAL POLES, ANY COST INCURRED BY THE OWNER FOR THE BRACING OF THE ADDITIONAL POLES OR DAMAGES SHALL BE DEDUCTED FROM MONIES OWED THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE BRACING OF THE POLES.
 - FOR DETAILS NOT SHOWN ON THE DRAWINGS, AND FOR MATERIALS AND CONSTRUCTION METHODS, USE HOWARD COUNTY DESIGN MANUAL VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (LATEST EDITION). THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV ON THE JOB SITE.
 - WHERE TEST PITS HAVE BEEN MADE ON EXISTING UTILITIES, THEY ARE NOTED BY THE SYMBOL. AT THE LOCATIONS OF THE TEST PITS, A NOTE OR NOTES CONTAINING THE RESULTS OF THE TEST PIT OR PITS IS INCLUDED ON THE DRAWINGS. EXISTING UTILITIES IN THE VICINITY OF THE PROPOSED WORK FOR WHICH TEST PITS HAVE NOT BEEN DUG SHALL BE LOCATED BY THE CONTRACTOR TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS AT HIS OWN EXPENSE.
 - THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:
- | | |
|------------------------------|-------------------------------|
| ATA | 1-800-252-1133 |
| BGE (CONTRACTOR SERVICES) | 410-637-8713 |
| BGE (EMERGENCY) | 410-665-0123 |
| BUREAU OF UTILITIES | 410-513-4900 |
| COLONIAL PIPELINE CO. | 410-795-1390 |
| MISS UTILITY | 1-800-257-7777 |
| STATE HIGHWAY ADMINISTRATION | 410-531-5553 |
| VERIZON | 1-800-743-0033 / 410-224-9210 |
- TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO THE MAXIMUM EXTENT. TREES AND SHRUBS LOCATED WITHIN THE CONSTRUCTION STRIP ARE NOT TO BE REMOVED OR DAMAGED BY THE CONTRACTOR.
 - CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG THE LINE OF EXCAVATION. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE CONSTRUCTION OF THE MAIN.
 - THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT (410)-513-7490 AT LEAST FIVE WORKING DAYS BEFORE OPEN CUTTING OR SOBBING/GRADING OF ANY COUNTY ROAD FOR LAYING WATER/SEWER MAINS OR HOUSE CONNECTIONS. THE APPROVAL OF THESE DRAWINGS WILL CONSTITUTE COMPLIANCE WITH DPW REQUIREMENTS PER SECTION 18.114(a) OF THE HOWARD COUNTY CODE.
- PART B: WATER MAIN GENERAL NOTES**
- ALL WATER MAINS SHALL BE AMCA C900 PVC, DR-18.
 - TOPS OF ALL WATER MAINS SHALL HAVE A MINIMUM OF 3'-6" OF COVER UNLESS OTHERWISE NOTED.
 - VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
 - ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.
 - FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATIONS SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD DETAILS. THE SOIL AROUND THE FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1009 OF THE STANDARD SPECIFICATIONS.
 - THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.
 - TRACER WIRE AND CONTINUITY TEST STATIONS SHALL BE INSTALLED ON ALL D.I.P. AND PVC WATER MAINS IN ACCORDANCE WITH HOWARD COUNTY DESIGN MANUAL.
 - FOR PVC WATER MAINS, ALL RECORDS FOR THE QUALITY CONTROL AND QUALIFICATION TEST REQUIREMENTS NOTED IN SECTION 5.1 OF THE AMCA STANDARD C900 FOR PVC PRESSURE PIPE SHALL BE SUBMITTED WITH THE PIPE MATERIAL CERTIFICATIONS OR SHOP DRAWINGS PRIOR TO APPROVAL OF THE MATERIAL FOR USE. THE TEST RECORDS SHALL BE FOR THE PIPE TO BE INSTALLED UNDER THIS CONTRACT. ALL PVC PIPE SHALL CONTAIN MARKINGS TO ALLOW CROSS REFERENCING OF THE PIPE SUPPLIED TO THE TEST RECORDS RECEIVED.
 - UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIFICATIONS, SEVENTEEN (17) POUND SACRIFICIAL ANODES SHALL BE INSTALLED ON ALL VALVES AND METALLIC FITTINGS USED WITH PVC WATER MAINS IN ACCORDANCE WITH VOLUME IV, STANDARD SPECIFICATIONS, AND DETAILS FOR CONSTRUCTION. MAGNESIUM ANODES SHALL BE INSTALLED ON ALL VALVES AND DUCTILE IRON FITTINGS INCLUDING RESTRAINTS AND HARNESSSES. ZINC ANODES SHALL BE INSTALLED ON ALL STAINLESS STEEL FITTINGS AND SADDLES USED WITH PVC MAINS. ALL "TEES" USED WITH PVC MAINS SHALL BE DUCTILE IRON.
 - PROPER ASSEMBLY OF GASKETED PVC PIPE JOINTS: THE MANUFACTURER'S INSERTION LINE OF GASKETED PVC PIPE JOINTS INDICATES THE MAXIMUM DEPTH OF INSERTION OF THE SPIGOT INTO THE BELL. AFTER ASSEMBLY OF THE JOINT, THE INSERTION LINE SHALL REMAIN VISIBLE. DUAL INSERTION LINES ON GASKETED PVC PIPE INDICATE THE MAXIMUM AND MINIMUM DEPTH OF INSERTION OF THE SPIGOT INTO THE BELL. THE CONTRACTOR SHALL NOT OVER INSERT OR UNDER INSERT THE SPIGOT INTO THE BELL OF PVC PIPE.
 - ALL CHANGES IN HORIZONTAL OR VERTICAL DIRECTION OF PVC WATER PIPE SHALL BE MADE WITH STANDARD BENDS, 5-DEGREE SWEEPS OR HIGH DEFLECTION COUPLINGS. NO BENDING OF THE PIPE OR DEFLECTING OF PVC PIPE JOINTS IS PERMITTED, WHERE HIGH DEFLECTION COUPLINGS OR 5-DEGREE SWEEPS ARE PERMITTED, THE CONTRACTOR SHALL PROVIDE ONE FULL PIPE LENGTH (20 FOOT LONG) ON EITHER SIDE OF THE HIGH DEFLECTION COUPLING OR 5-DEGREE SWEEP, TAKING CARE NOT TO USE COMPACTION EQUIPMENT DIRECTLY OVER THE FITTING.
 - PVC HIGH DEFLECTION COUPLINGS SHALL BE LIMITED TO A TOTAL OF 3-DEGREES (1 1/2-DEGREE ON EITHER END OF THE COUPLING). SHALL BE RATED FOR A MINIMUM 225 PSI MEETING THE REQUIREMENTS OF AMCA C900. SHALL HAVE A MINIMUM LAY LENGTH OF 9-INCHES AND SHALL HAVE CENTER STOPS. PVC HIGH DEFLECTION COUPLINGS SHALL BE CERTAINTY PVC HIGH DEFLECTION (HD) STOP COUPLINGS OR EQUAL.
 - FIVE DEGREE SWEEPS SHALL BE BELL BY SPIGOT, RATED FOR A MINIMUM 225 PSI, DR-18 MEETING THE REQUIREMENTS OF AMCA C900 AND SHALL BE MULTI FITTINGS (IFEX) BLUE BRUTE DR-18 OR EQUAL.
 - WHEN PVC HIGH DEFLECTION COUPLINGS OR PVC 5-DEGREE SWEEPS ARE USED TO FACILITATE CHANGES IN HORIZONTAL OR VERTICAL ALIGNMENTS OF AMCA C900 PVC PIPELINES, THE CONTRACTOR SHALL INSERT DEVICES FOR THE PREVENTION OF OVER-INSERTION OF THE PVC PIPE SPIGOTS OR PLAIN ENDS INTO THE PUSH ON BELL JOINT ON BOTH SIDES OF THE HIGH DEFLECTION COUPLINGS AND 5-DEGREE SWEEPS. BELL STOPS SHALL BE PLACED AT THE PROPER INSERTION LINE FOR THE FITTING. THE BELL STOP SHALL BE MANUFACTURED OF DUCTILE IRON AND INCORPORATE AN EXPANSION RESTRAINT SPIGOT TO ALLOW FOR PIPE EXPANSION AND CONTRACTION. THE BELL STOPS SHALL BE SERIES 5000 MEGA-STOP AS MANUFACTURED BY EDAA INC. OR APPROVED EQUAL.
 - TO ACCOMMODATE A SPRINKLER SYSTEM, ALL RESIDENTIAL DWELLING UNITS SHALL HAVE A 1-1/2" WATER HOUSE CONNECTION WITH A 1" OUTSIDE METER SETTING, STD. DET. W-3.28.
- PART C: SEWER MAIN GENERAL NOTES**
- ALL SEWER MAINS SHALL BE D.I.P. OR P.V.C. UNLESS OTHERWISE NOTED.
 - ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
 - FORCE MAINS SHALL BE D.I.P. ONLY.
 - MANHOLES SHOWN WITH 12" AND 18" WALLS ARE FOR BRICK MANHOLES ONLY.
 - MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATERTIGHT FRAME AND COVER, STANDARD DETAIL G5.52. WHERE WATERTIGHT MANHOLE FRAMES AND COVERS ARE USED, SET TOP OF FRAME 1'-0" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
 - HOUSE(S) WITH THE SYMBOL "C.N.S." INDICATES THAT CELLAR CANNOT BE SERVED.

DEVELOPER'S CERTIFICATION

I HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT THE DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

Paul W. Koebel, FOR:
 MR. RICHARD SABATELLI
 SIGNATURE OF DEVELOPER
 11-04-14
 DATE

ENGINEER'S CERTIFICATION

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.

Paul W. Koebel, FOR:
 MR. RICHARD SABATELLI
 SIGNATURE OF ENGINEER
 11-04-14
 DATE

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 509 OF THE HOWARD COUNTY DESIGN MANUAL - VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION AND AS SHOWN ON THESE PLANS.

Paul W. Koebel, FOR:
 MR. RICHARD SABATELLI
 SIGNATURE OF DEVELOPER
 11/04/14
 DATE

GP-15-011

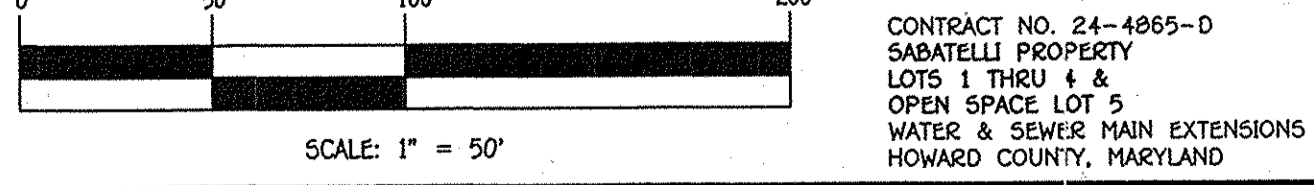
THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY HOWARD SOIL CONSERVATION DISTRICT

APPROVE:
 [Signature]
 11/20/14
 DATE

LEGEND	
SYMBOL	DESCRIPTION
---	EX. WATER MAIN
---	EX. SEWER MAIN
○	EX. SEWER MANHOLE
---	EX. WATER, SEWER & UTILITY EASEMENT
⊙	EX. FIRE HYDRANT
◇	EX. VALVE
---	PROP. WATER MAIN
---	PROP. SEWER MAIN
○	PROP. SEWER MANHOLE
---	PROP. WATER, SEWER & UTILITY EASEMENT
---	PROP. VHC
---	PROP. SHC
⊙	PROP. FIRE HYDRANT
◇	PROP. VALVE

CONTRACT NO. 24-4865-D
SABATELLI PROPERTY
LOTS 1 THRU 4 &
OPEN SPACE LOT 5
WATER & SEWER MAIN EXTENSIONS
HOWARD COUNTY, MARYLAND

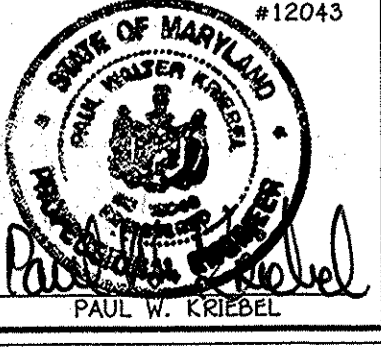
DEVELOPER/OWNER
 MR. RICHARD SCOTT SABATELLI
 9300 OLD SCAGGSVILLE ROAD
 LAUREL MD, 20723
 PHONE: 301-864-4043



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 9/7/16/16



DESIGNED BY:	B.C.R.
DRAWN BY:	B.C.R.
CHECKED BY:	P.W.K.
DATE:	NOVEMBER, 2014
BY NO.	
REVISION	
DATE	

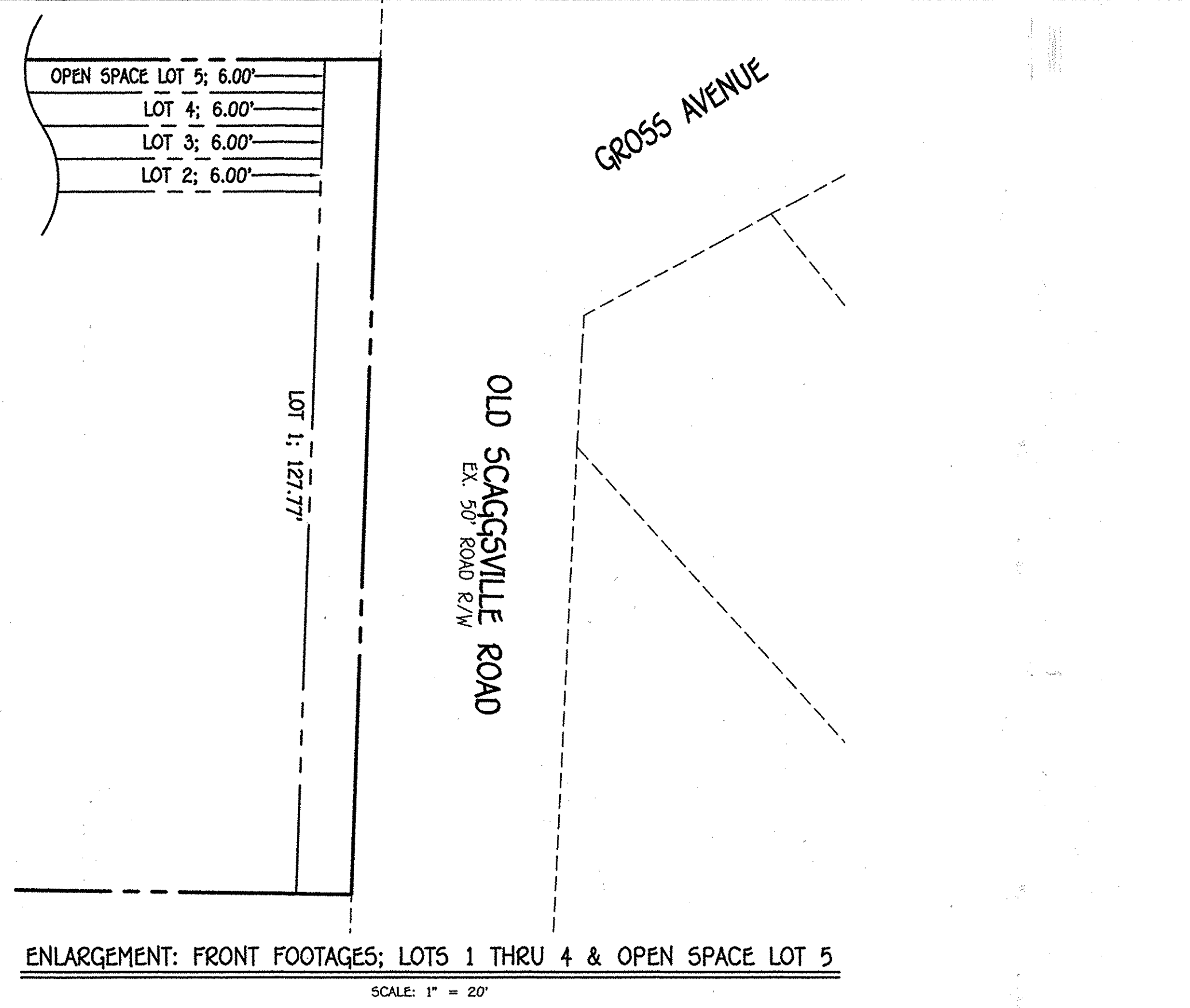
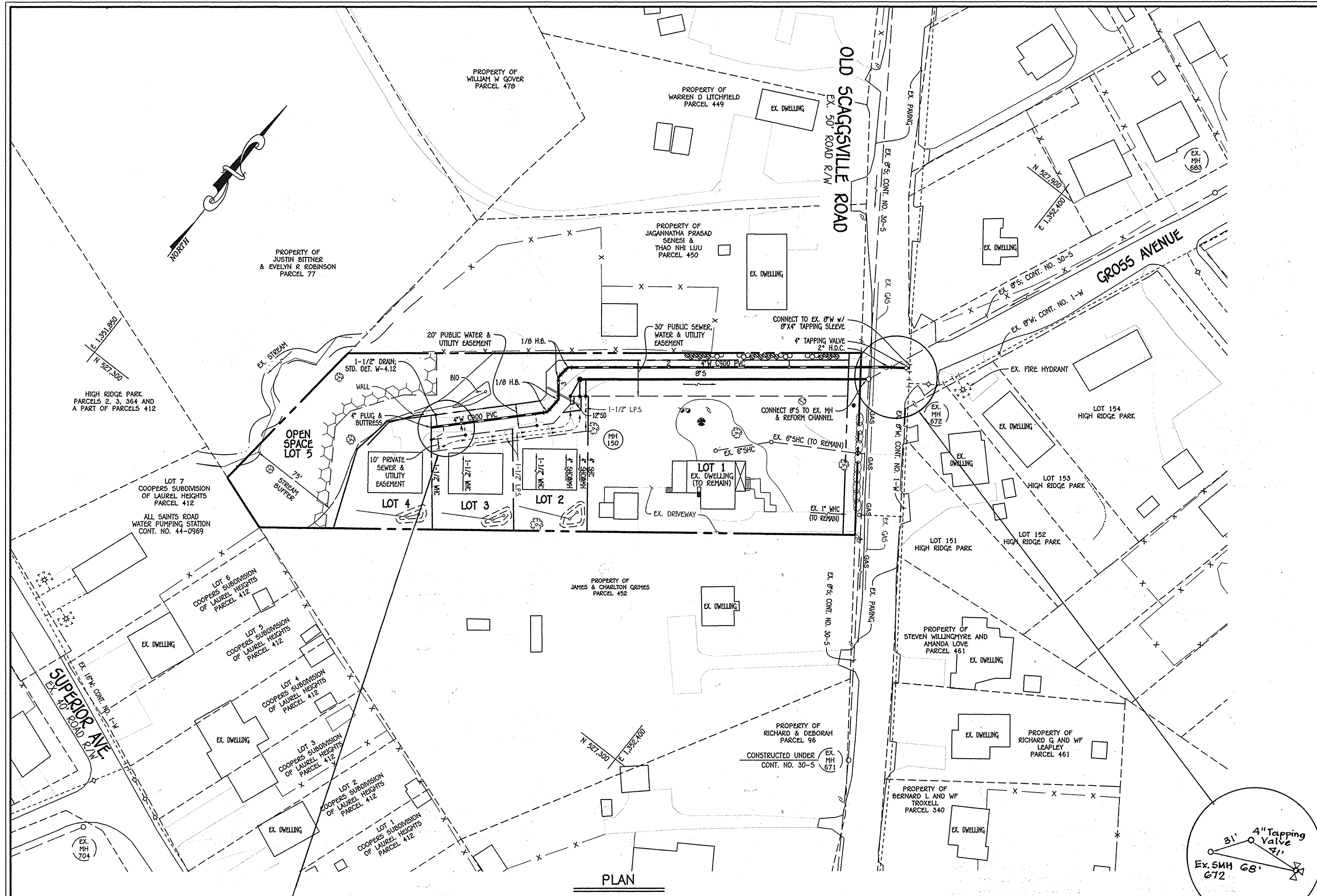
WATER & SEWER MAIN EXTENSIONS
TITLE SHEET

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 F.C.C. WORK ORDER NO. 08024-3002
 FILE NAME: WATER & SEWER MAIN EXTENSION PLAN

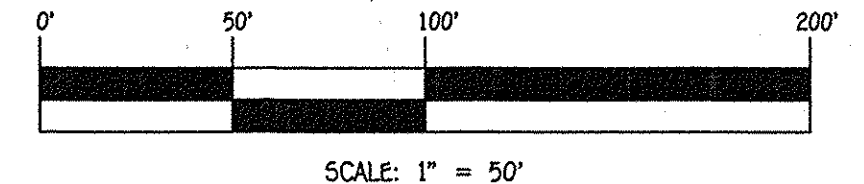
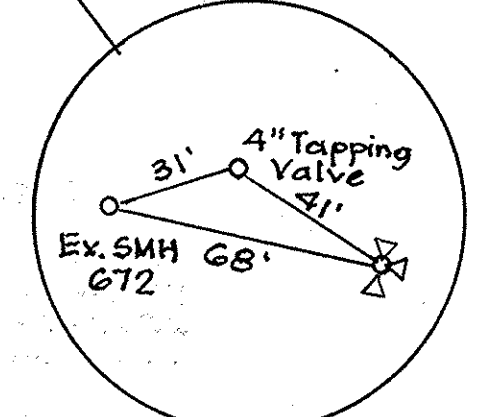
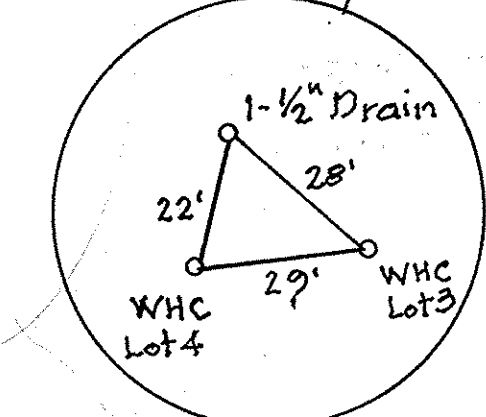
SABATELLI PROPERTY
LOTS 1 THRU 4 &
OPEN SPACE LOT 5
WATER & SEWER MAIN EXTENSIONS
 CONTRACT NO. 24-4865-D
 SIXTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
 SHEET 1 OF 4

As-Built



PLAN
SCALE: 1" = 50'



CONTRACT NO. 24-4865-D
SABATELLI PROPERTY
LOTS 1 THRU 4 &
OPEN SPACE LOT 5
WATER & SEWER MAIN EXTENSIONS
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

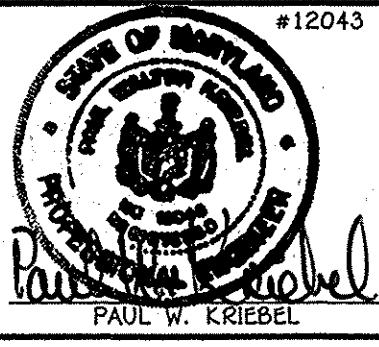
[Signature]
CHIEF, BUREAU OF UTILITIES

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

[Signature]
CHIEF, DEVELOPMENT ENGINEERING DIVISION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO. 12043 EXPIRATION DATE IS 7/16/18.

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING, CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELKLOTT CITY, MARYLAND 21042
(410) 461-2099



DESIGNED BY : B.C.R.
DRAWN BY : B.C.R.
CHECKED BY : P.W.K.
DATE : NOVEMBER, 2014

WATER & SEWER MAIN EXTENSIONS & ENLARGEMENT: FRONT FOOTAGES PLAN

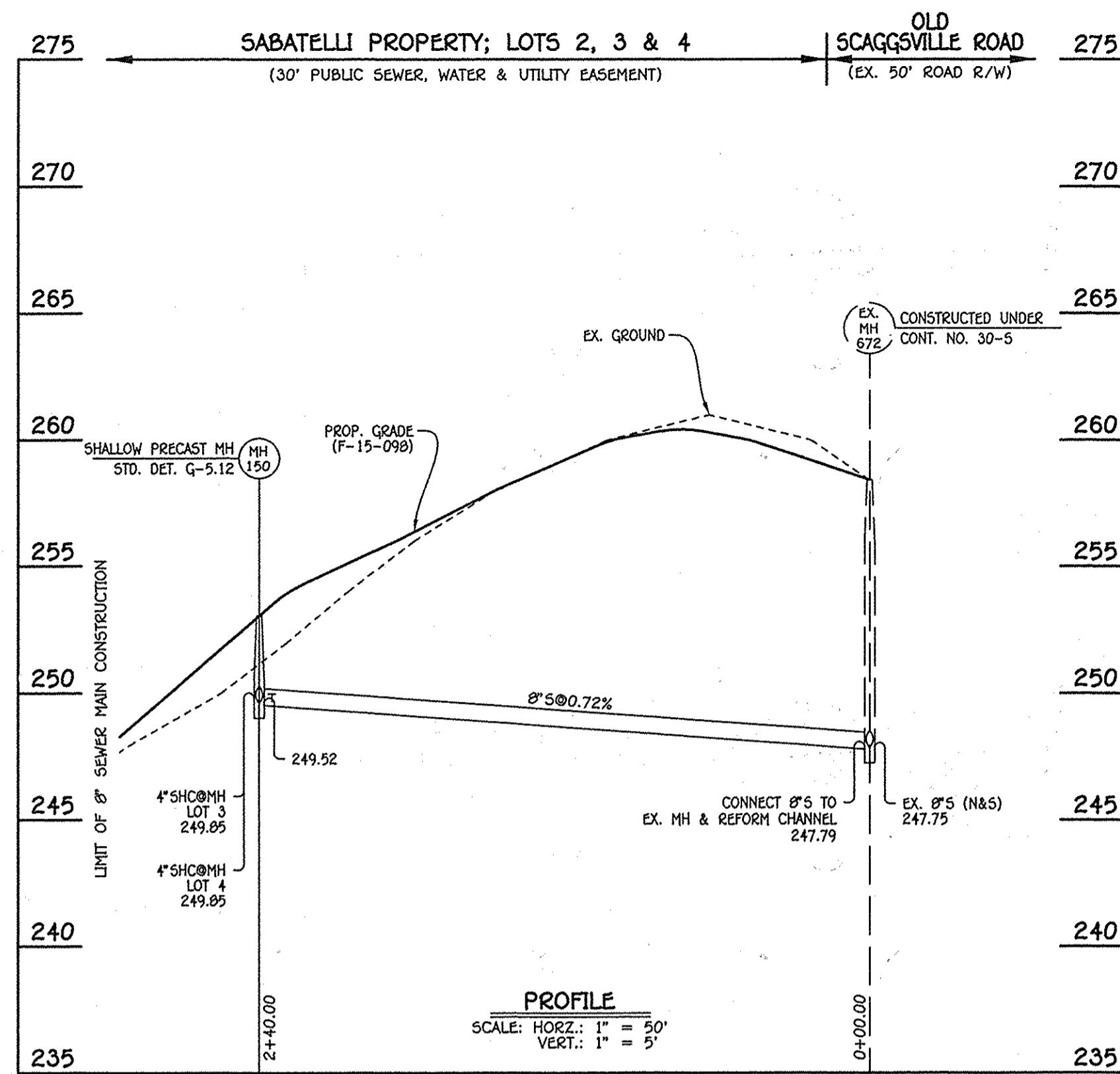
600' SCALE MAP NO. 50 BLOCK NO. 2
F.C.C. WORK ORDER NO. 05024-3002

DATE: FILE NAME: WATER & SEWER MAIN EXTENSION PLAN

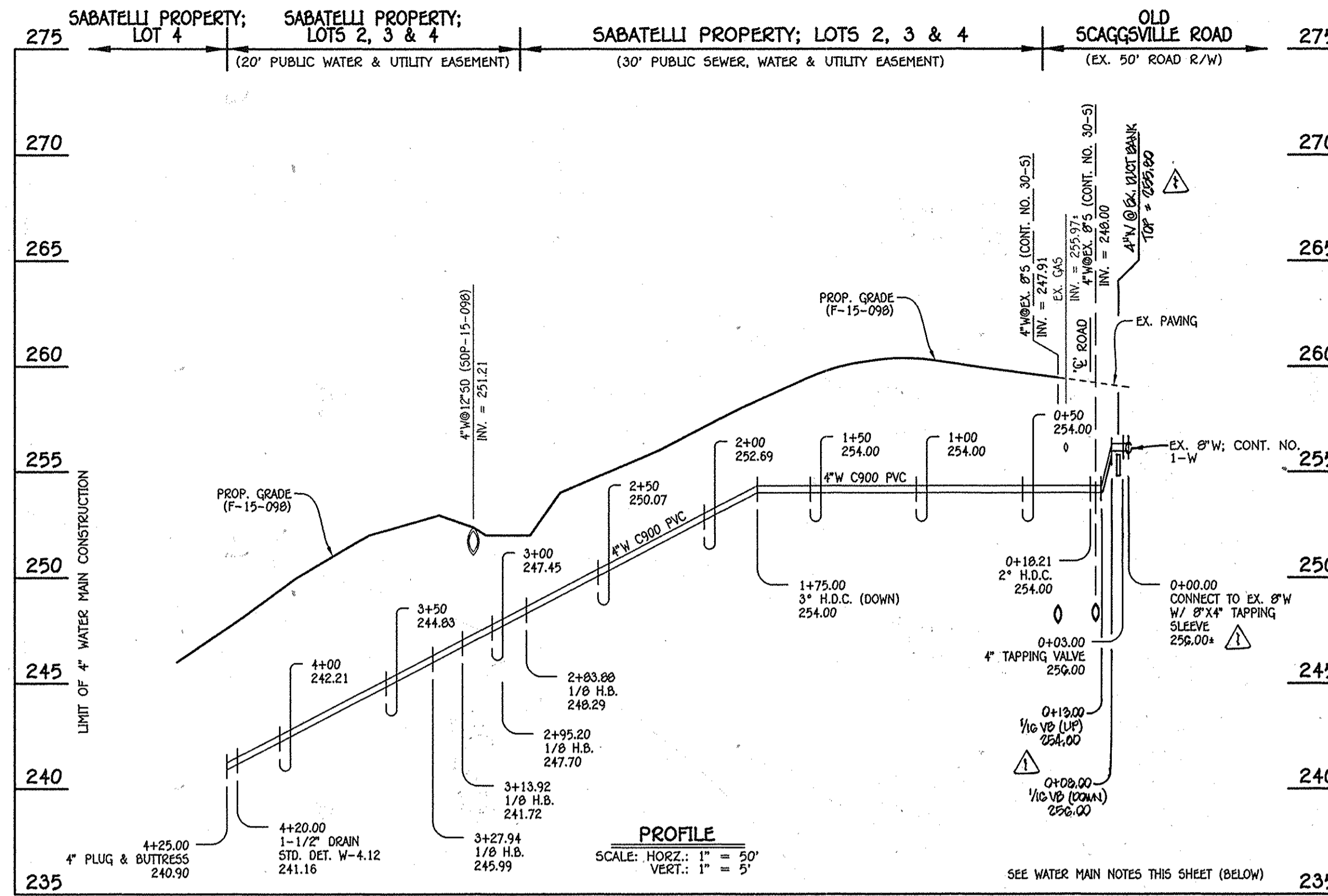
SABATELLI PROPERTY
LOTS 1 THRU 4 & OPEN SPACE LOT 5
WATER & SEWER MAIN EXTENSIONS
CONTRACT NO. 24-4865-D
SIXTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
SHEET 2 OF 4

A.S. BUILT



8" SEWER MAIN: LOTS 2, 3 & 4



4" WATER MAIN: LOTS 2, 3 & 4

- WATER MAIN NOTES:**
1. ALL WATER MAINS SHALL BE AWWA C900 PVC PIPE; DR-18.
 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-TIED 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
150	527531.02	1352181.02	253.04

NOTE: SET MH RIM FLUSH W/PROPOSED GRADE.

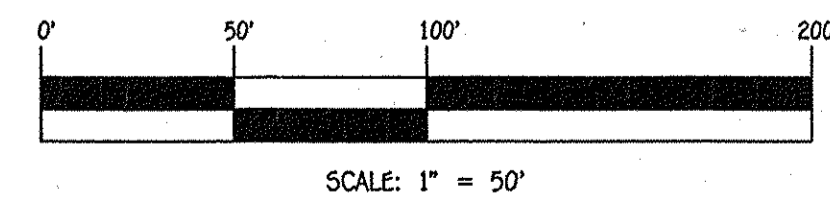
SEWER HOUSE CONNECTION CHART						
STATION	LOT	ELEVATION AT MAIN	ELEVATION AT EASEMENT	M.C.E.	B.E.	F.F.
EX. MH 672 TO MH 150						
2+35 LT.	* 2	249.65	249.79	253.59	248.00	258.00
@MH 150 LT.	** 3	249.85	249.99	254.29	245.00	255.00
@MH 150 LT.	** 4	249.85	250.01	254.76	237.80	247.80

* MINIMUM SEWER SERVICE ELEVATION: FIRST FLOOR SEWER SERVICE ONLY
 ** MINIMUM SEWER SERVICE ELEVATION: NO GRAVITY SEWER SERVICE AVAILABLE

WATER MAIN TABULATION CHART			
W.M. STA.	APPURTENANCE	NORTHING	EASTING
4" WATER MAIN: LOTS 2, 3 & 4			
0+00.00	8"X4" TAPPING SLEEVE	527707.52	1352390.82
0+03.00	4" TAPPING VALVE	527705.77	1352388.38
0+18.21	2" H.D.C.	527696.91	1352376.00
2+83.88	1/8" H.B.	527532.75	1352167.13
2+95.20	1/8" H.B.	527521.52	1352165.78
3+13.92	1/8" H.B.	527506.80	1352177.35
3+27.94	1/8" H.B.	527492.79	1352176.60
4+20.00	1-1/2" DRAIN	527426.90	1352112.30
4+25.00	4" PLUG & BUTTRESS	527423.32	1352108.81

WATER HOUSE CONNECTION AS-BUILT LOCATION TABLE				
LOT NUMBER	ADDRESS	WHC	LOCATION DIMENSION 1	LOCATION DIMENSION 2
2		10'	WHC To SMH-150 = 52'	WHC To WHC-3 = 50'
3		8'	WHC To 1/2" Drain = 29'	WHC To WHC-2 = 50'
4		22'	WHC To 1/2" Drain = 22'	WHC To WHC-3 = 29'

SEWER HOUSE CONNECTION AS-BUILT LOCATION TABLE				
LOT NUMBER	ADDRESS	SHC	LOCATION DIMENSION 1	LOCATION DIMENSION 2
2		12	SHC To SMH-150 = 15'	SHC To WHC-3 = 47'
3		9	SHC To SHC-2 = 5'	SHC To WHC-2 = 43'
4		12	SHC To SHC-2 = 14'	SHC To WHC-2 = 36'



CONTRACT NO. 24-4865-D
 SABATELLI PROPERTY
 LOTS 1 THRU 4 &
 OPEN SPACE LOT 5
 WATER & SEWER MAIN EXTENSIONS
 HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING
 HOWARD COUNTY, MARYLAND

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DESIGNED BY :
 B.C.R.
 DRAWN BY :
 B.C.R.
 CHECKED BY :
 P.W.K.
 DATE :
 NOVEMBER, 2014

WATER & SEWER MAIN EXTENSIONS
 PROFILES, NOTES, CHARTS & TABLES

600' SCALE MAP NO. 50 BLOCK NO. 2
 F.C.C. WORK ORDER NO. 06024-3002
 FILE NAME : WATER & SEWER MAIN EXTENSION PLAN

SABATELLI PROPERTY
 LOTS 1 THRU 4 &
 OPEN SPACE LOT 5
 WATER & SEWER MAIN EXTENSIONS
 CONTRACT NO. 24-4865-D
 SIXTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE AS SHOWN

SHEET 3 OF 4

As-Built

