

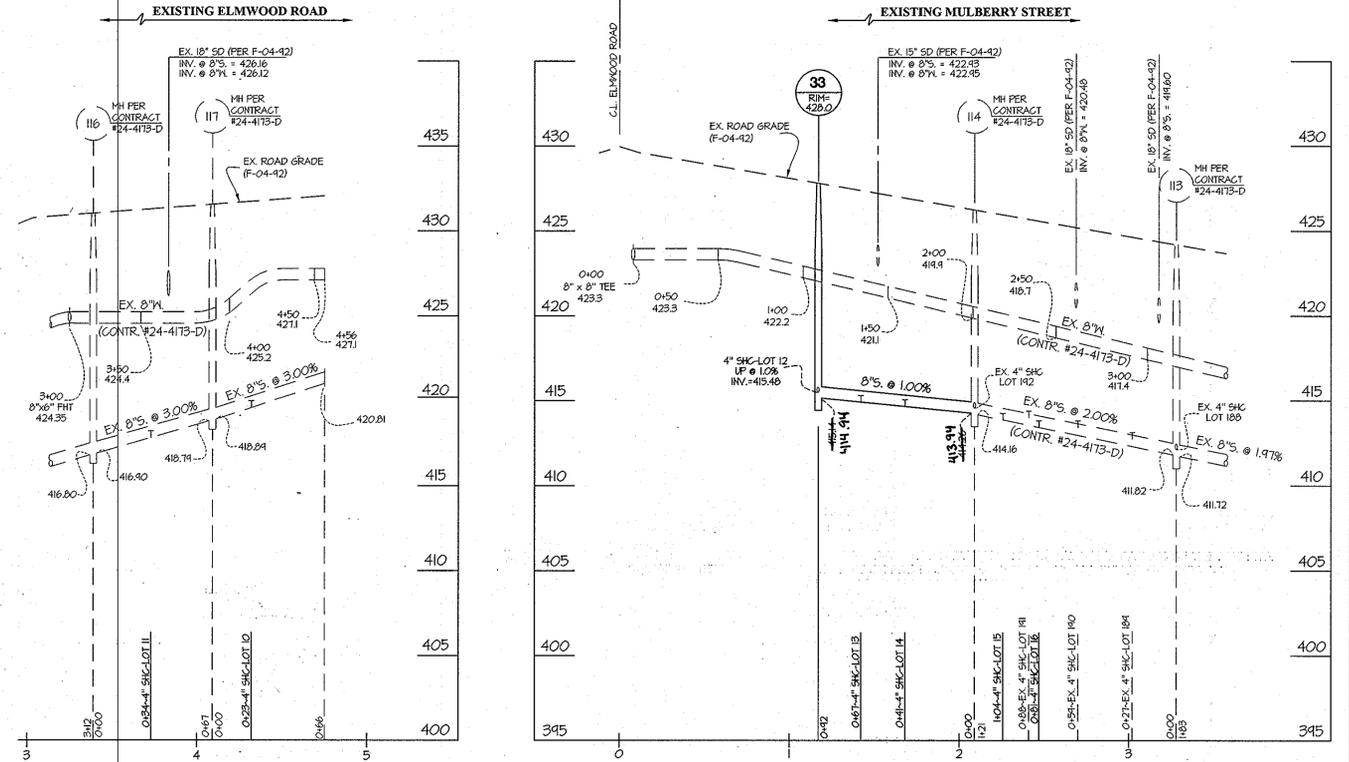
PLAN VIEW SCALE: 1" = 50'

MINIMUM CELLAR ELEVATIONS (M.C.E.)			
LOT	INV. @ MAIN MH	INV. @ R/W	M.C.E.
10*	419.64	419.05	423.20
11*	418.03	418.34	421.64
12*	415.48	415.66	414.01
13*	415.08	415.24	418.54
14*	414.82	414.48	418.33
15*	414.03	414.14	417.54
16*	413.57	413.73	417.08

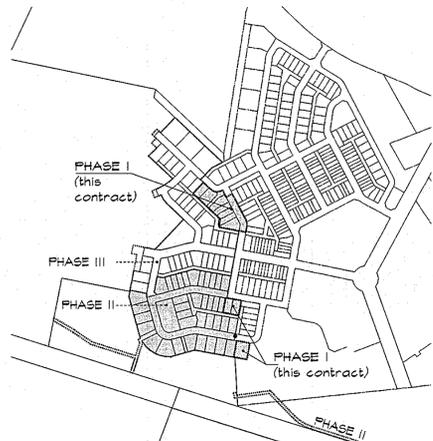
* DENOTES SHC'S WHICH NEED TO BE RUN AT 1.0%. ALL OTHER SHC'S TO BE RUN AT 2.0%

SEWER MANHOLE INFORMATION	
MH	LOCATION
EX. 113	N 543,585.7 E 1,338,581.1
EX. 114	N 543,670.4 E 1,338,535.4
EX. 116	N 543,843.5 E 1,338,401.8
EX. 117	N 543,867.8 E 1,338,334.0
33	N 543,751.5 E 1,338,442.9

- NOTES:
- ALL SHC'S SHOWN SERVING NUMBERED LOTS ARE 4" AND RUN AT 1.0%, EXCEPT FOR LOTS 50-51 AND LOT 66 WHICH ARE RUN AT 2.0%.
 - ALL MANHOLES WILL BE STANDARD 4'-0" (6 5/12).
 - OUTSIDE METERS WILL BE PER HOWARD COUNTY DETAIL N 3.32 FOR TWIN CONNECTIONS AND DETAIL N 3.20 FOR SINGLE CONNECTIONS.
 - ALL WHC'S SHOWN SERVING NUMBERED LOTS ARE 1 1/2".
 - EXISTING VALVE TO BE CLOSED BY DPM FOR CONSTRUCTION.
 - SHC'S TO LOTS 50 & 51 AND MHG TO LOT 50 ARE EXISTING. THEY WERE INSTALLED UNDER CONT. # 24-4173-D.



PROFILES SCALE: 1" = 50' VERT. 1" = 5' HORIZ.

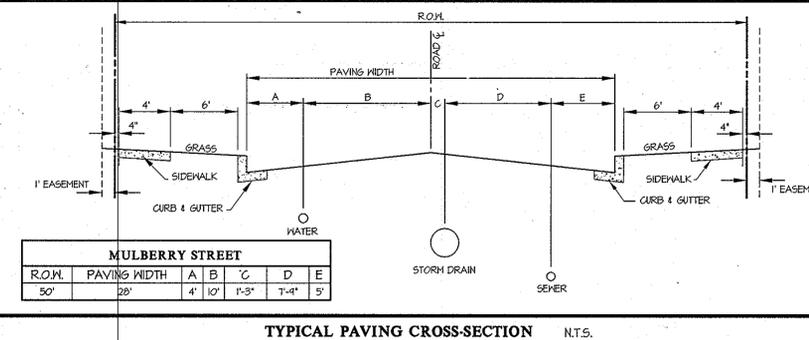


- PHASING MAP SCALE: 1" = 600'
- PHASE I (THIS CONTRACT)
 - PHASE II (SEE CONTRACT #24-4702-D)
 - PHASE III (SEE CONTRACT #24-4704-D)

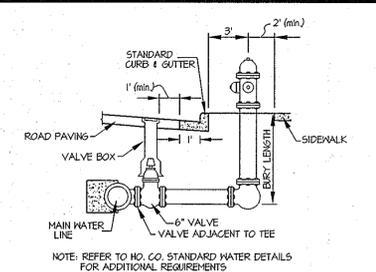
AS-BUILT INFORMATION COMPLETED 4-11-12					
LOT #	ADDRESS	WATER HOUSE CONNECTION AS BUILT		SEWER HOUSE CONNECTION AS BUILT	
		LOCATION DIM. 1	LOCATION DIM. 2	LOCATION DIM. 1	LOCATION DIM. 2
10	ELMWOOD ROAD	8" TO WM = 22'	SMH-117 TO WM = 24'	8" TO CO = 15'	SMH-117 TO SHC = 23'
11	ELMWOOD ROAD	8" TO WM = 23'	SMH-117 TO WM = 16'	8" TO CO = 30'	SMH-116 TO SHC = 41'
12	MULBERRY STREET	8" TO WM = 25'	SMH-33 TO WM = 20'	SMH-33 TO CO = 17'	FHT TO SHC = 92'
13		8" TO WM = 26'	SMH-33 TO WM = 17'	8" TO CO = 16'	SMH-33 TO SHC = 21'
14		8" TO WM = 25'	SMH-114 TO WM = 11'	8" TO CO = 16'	SMH-114 TO SHC = 45'
15		8" TO WM = 25'	SMH-114 TO WM = 11'	8" TO CO = 16'	SMH-114 TO SHC = 24'
16		8" TO WM = 6'	SMH-113 TO WM = 32'	8" TO CO = 16'	SMH-114 TO SHC = 44'
50	ELLINGTON STREET				
51	ELLINGTON STREET	8" TO WM = 8'	SMH-109 TO WM = 21'		
66	EARLY MORNING STREET	12" TO WM = 13'	SMH-105 TO WM = 14'	SMH-103 TO CO = 7'	SMH-104 TO SHC = 91'

LOCATION OF WATER FITTINGS		
NO.	TYPE	COORDINATE
1	8" CAP & BUTTRESS	N 543,924 E 1,338,301
2	1/8" HB	N 543,831 E 1,338,349
3	8"x8" TEE	N 543,856 E 1,338,450
4	1/32" HB	N 543,665 E 1,338,551
5	1/32" HB	N 543,570 E 1,338,574

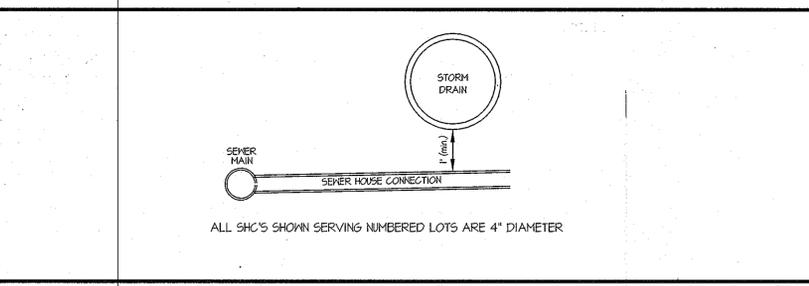
PREPARED FOR:
GREENBAUM DEVELOPMENT, INC.
SUITE 300 WOODHOLME CENTER
1829 REISTERSTOWN ROAD
BALTIMORE, MD 21208
ATTN: MARK BENNETT
410-484-8400



TYPICAL PAVING CROSS-SECTION N.T.S.



TYPICAL ON-SITE FIRE HYDRANT SETTING N.T.S.



SERVICE CONNECTION DETAIL N.T.S.

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

GLWGUTSCHICK LITTLE & WEBER, P.A.
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
BURTONSVILLE, MARYLAND 20886
TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

DATE SEPT., 2011
G.L.W. No. 09001

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, 2012



BY	NO.	REVISION	DATE
AS-BUILT			4-11-12

WATER & SEWER EXTENSION
PLAN, PROFILES and DETAILS
600' SCALE MAP NO. 41 BLOCK NO. 15 & 21

MAPLE LAWN FARMS
CONTRACT No. 24-4703-D
MIDTOWN WEST DISTRICT - AREA I (PHASE I)
LOTS 10 thru 16, 50 thru 51, LOT 66 and OPEN SPACE LOT 82
HOWARD COUNTY, MARYLAND
ELECTION DISTRICT No. 5

SCALE AS SHOWN
SHEET 2 OF 3