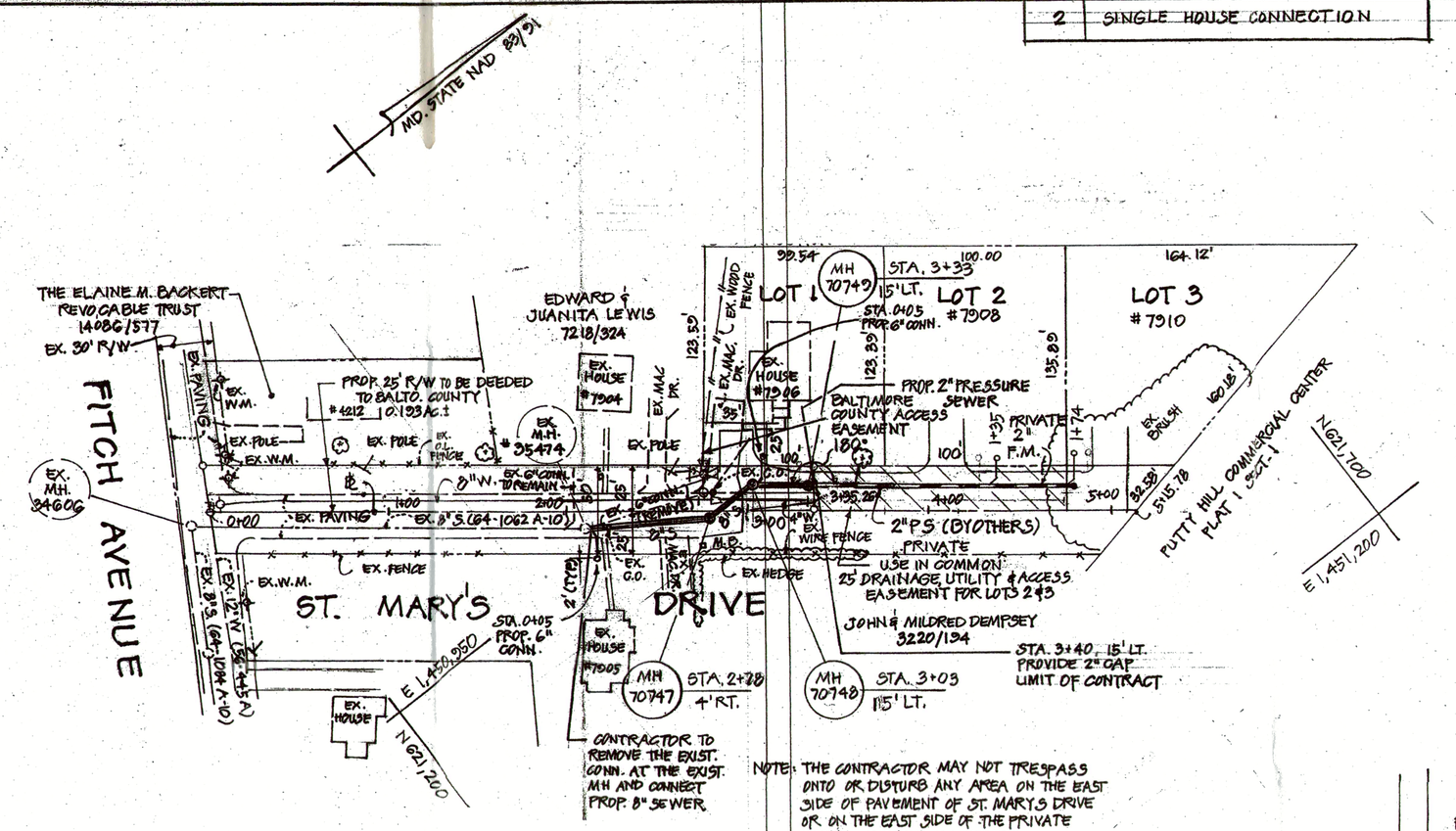
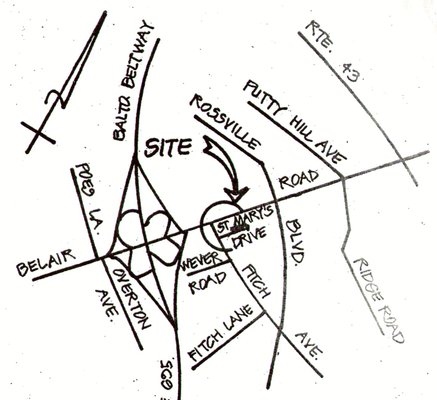
SANITARY SEWER STANDARD NOTES:

1. THE CONTRACTOR WILL MAINTAIN, REPAIR, AND/OR REPLACE ANY EXISTING SEDIMENT CONTROL DEVICES ENCOUNTERED AND DISTURBED DURING THE COURSE OF CONSTRUCTION UNDER THIS CONTRACT, AND AS SHOWN ON THE APPROVED SEDIMENT CONTROL PLAN AS PART OF THE CONTRACT DOCUMENTS. AT THE END OF EACH DAY, ALL SUCH DISTURBED DEVICES WILL BE REPAIRED OR REPLACED BEFORE LEAVING THE WORK SITE. THE COST OF PERFORMING THE WORK, INCLUDING MATERIALS, WILL BE PAID FOR BY A LUMP SUM BID FOR MAINTENANCE AND REPAIR OF SEDIMENT CONTROL DEVICES.
2. ALL WORK UNDER THIS CONTRACT WILL BE PERFORMED BY THE CONTRACTOR IN ACCORDANCE WITH BALTIMORE COUNTY SOIL CONSERVATION DISTRICT PERMIT NUMBER 281. COUNTY-07
3. ALL CONSTRUCTION WILL BE ACCOMPLISHED IN ACCORDANCE WITH BALTIMORE COUNTY STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (FEBRUARY 2000, AS AMENDED).
4. UNLESS OTHERWISE NOTED, THE BID LINE FOR EXCAVATION WILL BE SUB-GRADE UNDER PROPOSED ROADS, ESTABLISHED GRADE UNDER TURF AREAS, AND EXISTING GRADE ALONG EXISTING PAVEMENT.
5. THE DEVELOPER WILL ACCOMPLISH ALL GRADING WITHIN EASEMENT AREAS WHERE UTILITIES ARE TO BE INSTALLED BEFORE THE NOTICE TO PROCEED WILL BE ISSUED.
6. THE DEVELOPER WILL PLACE ROADS TO SUB-GRADE FOR THE FULL WIDTH OF THE RIGHT-OF-WAY BEFORE INSTALLATION OF UTILITIES.
7. THE CONTRACTOR WILL EXTEND ALL HOUSE CONNECTIONS 5' INSIDE OF THE PROPERTY LINE, SEE STANDARD DETAIL S-12A.
8. THE CONTRACTOR WILL NOTIFY MISS UTILITY AT (800) 257-7777 AT LEAST 48 HOURS PRIOR TO STARTING EXCAVATION.
9. FULL TRENCH COMPACTION IS REQUIRED FOR A MINIMUM DISTANCE OF 20' ON EACH SIDE OF ALL CROSSINGS AND WITHIN ALL EXISTING ROAD RIGHT-OF-WAYS AND WHERE SHOWN ON THE PLANS.
10. ALL TOPS OF MANHOLES, INLETS AND VALVES LOCATED WITHIN THE ROAD METAL SHALL BE BUILT TO AN ELEVATION 0.2' LOWER THAN PROPOSED FINAL GRADE. THIS INTERIM GRADE WILL BE ADJUSTED TO A FINAL GRADE UNDER THE ROAD CONTRACT. UNLESS OTHERWISE NOTED)
11. TRENCH REPAIR AS PER STANDARD DETAIL R-38.
12. THE CONTRACTOR SHALL MAINTAIN TRAFFIC AT ALL TIMES.
13. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING UTILITIES SHOWN HEREON BEFORE STARTING ANY WORK SHOWN ON THESE PLANS.
14. CONTRACTOR IS TO TEST PIT FOR LOCATION AND DEPTH OF EXISTING UTILITIES PRIOR TO LAYING PIPE.
15. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ENGINEER OF ANY DEVIATION FROM THE PLANS PRIOR TO ANY CHANGES BEING MADE. ANY DEVIATION OF THE PLAN WITHOUT WRITTEN AUTHORIZATION FROM THE ENGINEER WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
16. OBSTRUCTIONS SHOWN ON THESE DRAWINGS ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. CENTURY ENGINEERING AND THE OWNER DO NOT WARRANT OR GUARANTEE THE CORRECTNESS OR THE COMPLETENESS OF THE INFORMATION GIVEN. THE CONTRACTOR MUST VERIFY ALL SUCH INFORMATION TO HIS OWN SATISFACTION.
17. SHOULD THE CONTRACTOR DISCOVER DISCREPANCIES BETWEEN THE PLANS AND FIELD CONDITIONS, THE ENGINEER IS TO BE NOTIFIED IMMEDIATELY TO RESOLVE THE SITUATION. SHOULD THE CONTRACTOR MAKE FIELD CORRECTIONS WITHOUT NOTIFYING THE ENGINEER, THEN THE CONTRACTOR ASSUMES ALL RESPONSIBILITY FOR THOSE CHANGES.
18. THE CONTRACTOR WILL USE EXTREME CAUTION DURING EXCAVATION AND/OR INSTALLATION OF ALL WORK SHOWN ON THESE PLANS. ALL UTILITIES WILL BE FULLY PROTECTED FROM DAMAGE OR INTERRUPTION.

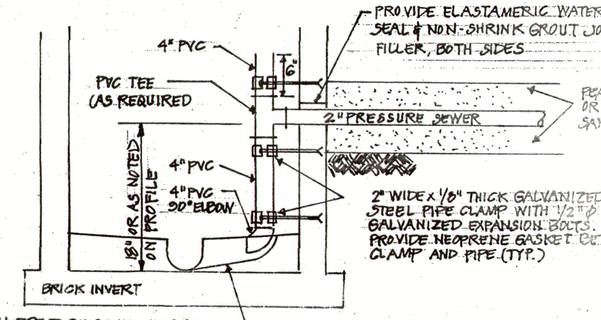
2	SINGLE HOUSE CONNECTION





VICINITY MAP
SCALE: 1" = 2000'

BENCH MARK
THE COORDINATES DISTANCES AND ELEVATIONS SHOWN HEREON ARE REFERRED TO THE MARYLAND STATE PLANE SYSTEM (NAD 83/91 & NAVD) AND TIED TO BALTIMORE COUNTY TRAVERSE CONTROL POINTS.
BCO #433A N 613365.20 E 1454165.55 ELEV. 209.17
BCO # 440A N 613925.50 E 1454324.39 ELEV. 244.20



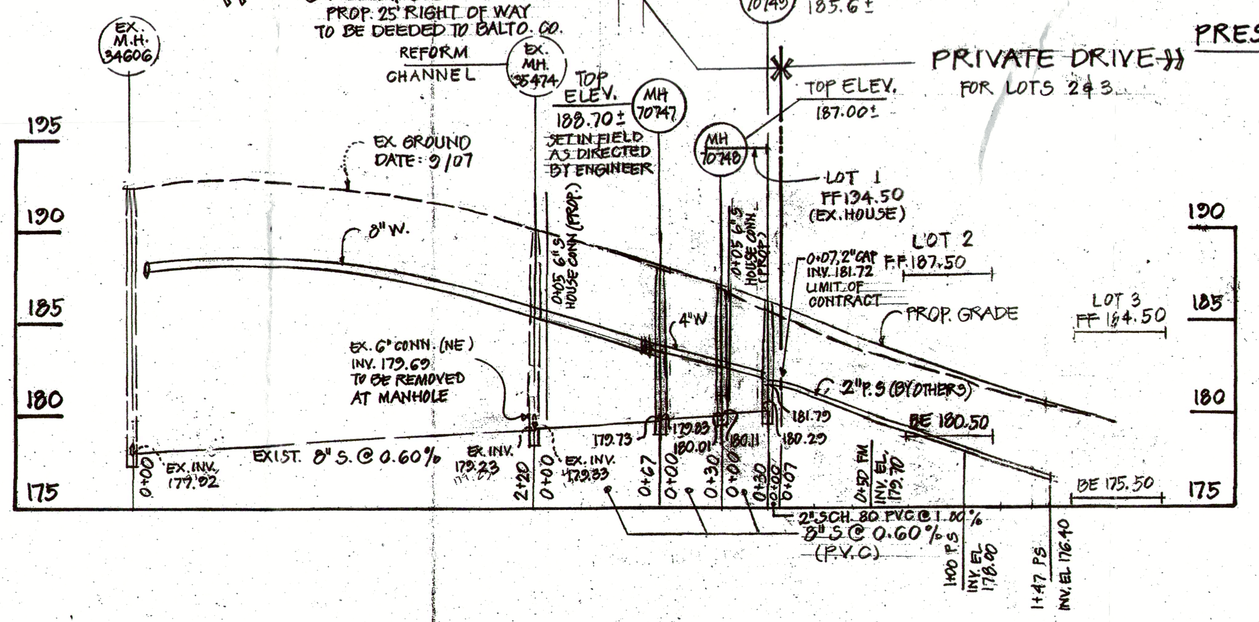
NOTE: ALL PIPE TO BE SCHEDULE 80 PVC. ALL FITTINGS TO BE SCHEDULE 80 PVC AND TO BE SOLVENT WELD JOINTS

PRESSURE SEWER MANHOLE CONNECTION
NOT TO SCALE

MANHOLE SCHEDULE

NO.	TYPE	SIZE	INV. OUT	TOP ELEV.
70747	STD.	48"	179.73	188.70 ±
70748	STD.	48"	180.01	187.00 ±
70749	STD.	48"	180.29	185.60 ±

NOTE: MH # 70749 WILL HAVE A PRESSURE SEWER CONN. PER DETAIL THIS SHEET



GRINDER PUMP, ELECTRICAL PANELS AND WIRING, AND ALL PIPING FROM MH # 70749 TO THE BUILDING SHALL BE INSTALLED AND MAINTAINED BY THE PROPERTY OWNER, DEVELOPER, OR HIS AGENTS, AND WILL NOT BE SERVICED OR MAINTAINED BY BALTIMORE COUNTY.

IN MY PROFESSIONAL OPINION, THIS PLAN IS SEALED AND CERTIFIED THAT THE RIGHT OF WAY AND EASEMENTS SHOWN HEREON CONFORM IN ALL MATERIAL RESPECTS TO THE RIGHT OF WAY EASEMENTS SHOWN ON THE RECORDS OF BALTIMORE COUNTY IN PLAT BOOK POLO , WHICH PLAT WAS PREPARED IN COMPLIANCE WITH BALTIMORE COUNTY DEPARTMENT PERMITS AND DEVELOPMENT MANAGEMENT, BUREAU OF LAND ACQUISITION, DRAFTING SECTION MANUAL DATED JAN. 1997

PROFESSIONAL CERTIFICATION. 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. 4047 EXPIRATION DATE: 6-31-08

NOTE: THE CONTRACTOR MAY NOT TRESPASS ONTO OR DISTURB ANY AREA ON THE EAST SIDE OF PAVEMENT OF ST. MARY'S DRIVE OR ON THE EAST SIDE OF THE PRIVATE USE-IN-COMMON EASEMENT.

STATE OF MARYLAND PAUL E. LEE 4047 PROFESSIONAL ENGINEER SEAL

AS-BUILT PER RECORD PRINT		REVISION	DATE	BY	P. W. A. NO.	KEY SHEETS	POSITION SHEETS	DRAWING SCALE
DRAFTSMAN	DATE							PLAN : 1"=50'
					RIGHT OF WAY	N-SE	27 NE 20	PROFILE 1"=50' HORZ. 1"=5' VERT.
		ADDED GRINDER PUMP NOTE	6-30-08					

DEPARTMENT OF PUBLIC WORKS
APPROVED _____ DIRECTOR
DATE 6/3/08

CENTURY ENGINEERING	DSGN BY: J.R.	BUREAU OF ENGINEERING AND CONSTRUCTION	BUILDINGS	HIGHWAYS	STRUCTURES	STORM DRAINS	SEWER	WATER	FIELD INSPECTION
ENGINEER: Paul Lee	DWN BY: J.R.	REVIEWED				Dennis A. Kennedy			
DATE: 10-18-07 LIC. NO. 4047	CHKD BY: P.L.	DATE				5/30/08			

BUR. OF ENGINEERING & CONSTRUCTION
APPROVED _____ CHIEF
DATE _____

DAD

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING & CONSTRUCTION

8" SEWER, 2" PRESSURE SEWER CONNECTION
ST. MARY'S DRIVE
210'± FROM INTERSECTION OF FITCH AVE. NORTHEASTERLY 130'± THEREFROM

SUBDIVISION: S&S PROPERTIES
ELECT. DISTRICT NO. 14CG

RECEIVED

DESIGN AND DRAWING BASED ON MARYLAND COORDINATE SYSTEM NAD 83/91 HORIZONTAL AND NAVD 1988 VERTICAL DATUM AND BOAD

SHEET DESIGNATION	CONTRACT NO.
JOB ORDER NO.	201-0111-1369
SHEET 1 OF 1	
DRAWING NO.	2007-3097
FILE NO.	