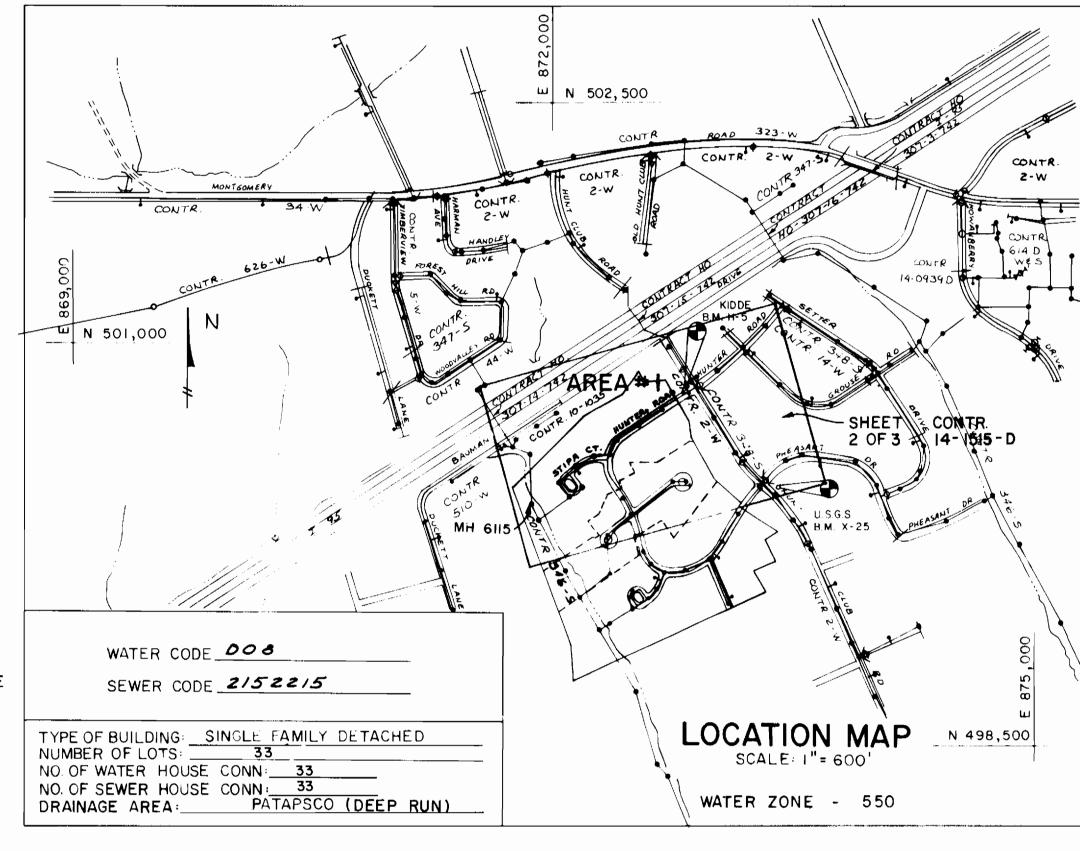
QUANTITIES :			
!TEM:	DESIGN:	AS BUILT:	MAT'L/SUPPLIER
8" SEWER	1265 LF		
6" SHC	564 LF		
MANHOLES	8		i i
BLOWOFF	1		
8" WATER	934 LF		
6" WATER	570 LF		
FIRE HYDRANTS	3		
I" WHC	329 LF		
3/4" WHC	335 LF		
8 VALVES			
6 VALVES	2		
6" F.H. VALVES	3		
TAPPING SLEEVE AND VALVE (8"×8")			

SEDIMENT CONTROL NOTES

- IT FOR SEDIMENT CONTROL FOR THIS CONTRACT, SEE THE APPROVED ROAD CONSTRUCTION PLANS. 2 - MATERIA'S FROM TRENCH EXCAVATION TO BE PLACED ON UPHILL SIDE OF TRENCH.
- 3 CONTRACTOR TO BACKFILL, COMPACT AND STABILIZE IMMEDIATELY AFTER INSTALLATION OF PIPE. NO TRENCHES WILL BE LEFT OPEN AT THE END OF EACH LAY, EXCEPT THAT PORTION WHERE WORK HAS STOPPED
- 4 ANY SEDIMENT CONTROL FACILITIES ENCOUNTERED DURING PIPE CONSTRUCTION TO BE RETURNED TO ORIGINAL CONDITION IMMEDIATELY UPON COMPLETION OF THAT PORTION OF
- 5 SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH ARTICLE 15 OF THE HOWARD COUNTY STANDARDS SPECIFICATIONS AND AS PER ROAD CONSTRUCTION PLANS (F-87-42)



GENERAL NOTES

- I APPROXIMATE LOCATION OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING MAINS AND SERVICES AND MAINTAIN UNINTERRUPTED SUPPLY. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTORS EXPENSE.
- 2 ALL HORIZONTAL CONTROLS ARE BASED ON MARYLAND STATE COORDINATES.

3 - ALL VERTICAL CONTROLS ARE BASED ON USGS DATA.

4 - ALL PIPE ELEVATIONS SHOWN ARE INVERTELEVATIONS 5 - CLEAR ALL UTILITIES BY A MINIMUM OF 6". CLEAR ALL POLES 2'-0" MINIMUM OR TUNNEL AS REQUIRED. ANY COST INCURRED TO THE CONTRACTOR FOR TUNNELING OR BRACING AT POLES SHALL BE INCLUDED IN UNIT PRICES BID FOR CONSTRUCTION OF THE MAIN.

6 - FOR ALL STANDARD DETAILS, SEE STANDARDS BOUND IN SPECIFICATIONS.
7 - CONTRACTOR SHALL LOCATE EXISTING UTILITIES IN ADVANCE OF CONSTRUCTION OPERATIONS IN THE VICINITY OF PROPOSED UTILITIES AT HIS OWN EXPENSE.

8 - CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:

- STATE HIGHWAY ADMINISTRATION - 531-5533.
- BALTIMORE GAS & ELECTRIC CO. UNDER GROUND DAMAGE CONTROL - 234-5621
- BALTIMORE GAS & ELECTRIC CO. CONTRACTOR SERVICES - 561- 2585
- BALTIMORE GAS & ELECTRIC CO. TROUBLE SHOOTING - 298-9013

- MISS UTILITY - 1 - 559 - 0100

- COLONIAL PIPELINE CO. - 795 - 1390.
- BUREAU OF UTILITIES, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS - 992-2366.
9 - TREES ARE TO BE PROTECTED FROM DAMAGE TO MAXIMUM EXTENT. TREES LOCATED WITHIN THE CONSTRUCTION STRIP ARE NOT TO BE REMOVED OR DAMAGED BY THE CONTRACTOR.

10 - CONTRACTOR SHALL REMOVE TREES, STUMPS & ROOTS ALONG LINE OF EXCAVATION AS DIRECTED BY THE ENGINEER. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR

EXCAVATION AND BACK FILL FOR WATER AND SEWER MAINS. II - PLACE REGULATION "MEN WORKING "AND WARNING SIGNS AS REQUIRED TO COMPLY WITH MARYLAND

STATE HIGHWAY ADMINISTRATION MANUAL OF TRAFFIC CONTROL FOR HIGHWAY CONSTRUCTION AND

12 - ALL WATER MAINS TO BE DIP CLASS 52 UNLESS OTHERWISE NOTED. 13 - TOP OF ALL WATER MAINS TO HAVE A MINIMUM OF 3'-6" COVER UNLESS OTHERWISE NOTED.

14 - ALL VALVES SHALL BE STRAPPED TO TEES IN ACCORDANCE WITH STANDARD DETAILS.
15 - BLOCK ALL FITTINGS WITH CONCRETE, SEE STANDARDS BOUND IN SPECIFICATIONS.

16 - BURY LINE ELEVATIONS ON FIRE HYDRANTS SHALL BE SET TO THE ELEVATION ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE STRAPPED AND BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS, SOIL AROUND THE FIRE HYDRANT TO BE COMPACTED IN ACCORDANCE WITH SECTIONS 1003 & 1008 OF STANDARD SPECIFICATIONS

17 - ALL WATER HOUSE CONNECTIONS SHALL BE FOR AN INSIDE METER SETTING.

18 - ALL SEWER MAINS SHALL CSPX, VCPX, ACP CLASS 2400 OR PVC UNLESS OTHERWISE NOTED.

19 - THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALL.

20 - ALL MANHOLES SHALL BE 4'=0" INSIDE DIA. UNLESS OTHERWISE NOTED.

21 - FOR MATERIAL AND CONSTRUCTION METHODS, USE HOWARD CO. STANDARD SPECS.

22 - VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.

23 - THE CONTRACTOR SHALL NOT OPERATE ANY MAIN WATER VALVES ON THE EXISTING SYSTEM.
24 - WATER MAINS AND WATER HOUSE CONNECTION LINES MUST BE PLACED SO AS TO HAVE AT LEAST ONE(1)

FOOT SEPARATION FROM THE SEWER MAIN OR SEWER HOUSE CONNECTION AS THEY PASS ABOVE IT. 25 - MANHOLES LOCATED WITHIN PROPOSED ROADWAY SHALL HAVE STANDARD HEAVY TRAFFIC MANHOLE

FRAME AND COVER STANDARD DETAIL G 5.51

26- MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATERTIGHT FRAME AND COVERS, STANDARD DETAIL G5.52. WHERE WATERTIGHT MANHOLE FRAME AND COVER IS USED, SET TOP OF FRAME 1'-6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.

BENCHMARKS: (SEE LOCATION MAP)

@ NORTHERN ENTRANCE WAY, MH#6140

BRONZE DISK, SOUTHEAST CORNER OF THE INTERSECTION OF HUNT CLUB RD. & PHEASANT DR

U.S.G.S BM# X-25

SAN. SEWER MANHOLE, EAST CORNER OF PROPERTY

ELEV. 253.5

ELEV. 236.49

HUNT CLUB ESTATES

SECTION 5

AREA

ELECTION DISTRICT

TAX MAP 38

HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS

SHEET SCHEDULE SHEET # SHEET TITLES LOCATION PLAN / TITLE SHEET SECTION 5 AREA I PLAN

CONTRACT NO. 14 - 1515 - D

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT TECHNICAL REQUIREMENTS. CONTROL BY THE HOWARD COUNTY CONSERVATION DISTRIC: 11-2-117 4-2-87 SIGNATURE U.S. SOIL CONSERVATION SERVICE HOWARD S.C.D. DATE

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

KIDDE CONSULTANTS INC. ENGINEERS, PLANNERS & SURVEYORS 1100 WEST STREET/SUITE 100 LAUREL, MD 20707 (301) 792-8086 (301) 953-1821 JOHN E.C. PATMORE MD. PE.NO.8978

DES: M.S.S. DRN: M.W.G. DATE 600'SCALE MAP NO. 38 BLOCK NO. 7

LOCATION MAP 6" AND 8" WATER 8" SANITARY SEWER PLAN AND PROFILES

HUNT CLUB ESTATES SECTION 5 TAX MAP NO. 38

AREA I PARCEL 515 IST ELECTION DISTRICT HOWARD CO, MD

SHOWN

SHEET

<u>l</u>of 3

AS BUILT 4-5-00

AREA I WATER AND SEWER PROFILES

