

WATER & SEWER CODE
COUNTY USE
WATER: E09
SEWER: 548000

TYPE OF BUILDINGS: SINGLE-FAMILY DETACHED DWELLINGS
NO. OF LOTS: 5 HILL PROPERTY INCLUDED THIS CONTRACT
NO. OF SEWER HOUSE CONNECTIONS: 36
DRAINAGE AREA: 3.6 AC
NO. OF WATER HOUSE CONNECTIONS: 36

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SEC. 14 OF THE SPEC'S AND DETAILS SHOWN ON THIS PLAN.

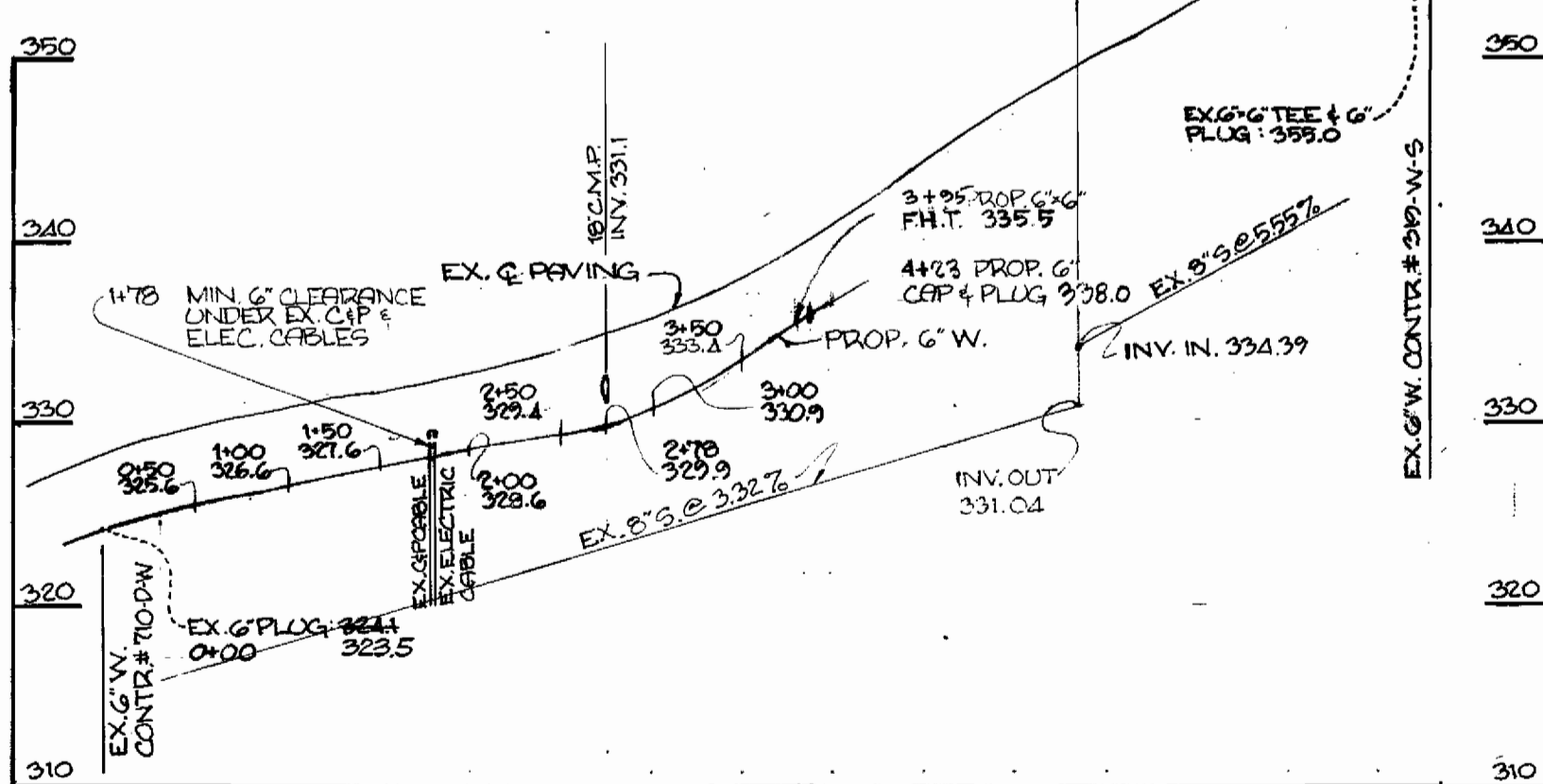
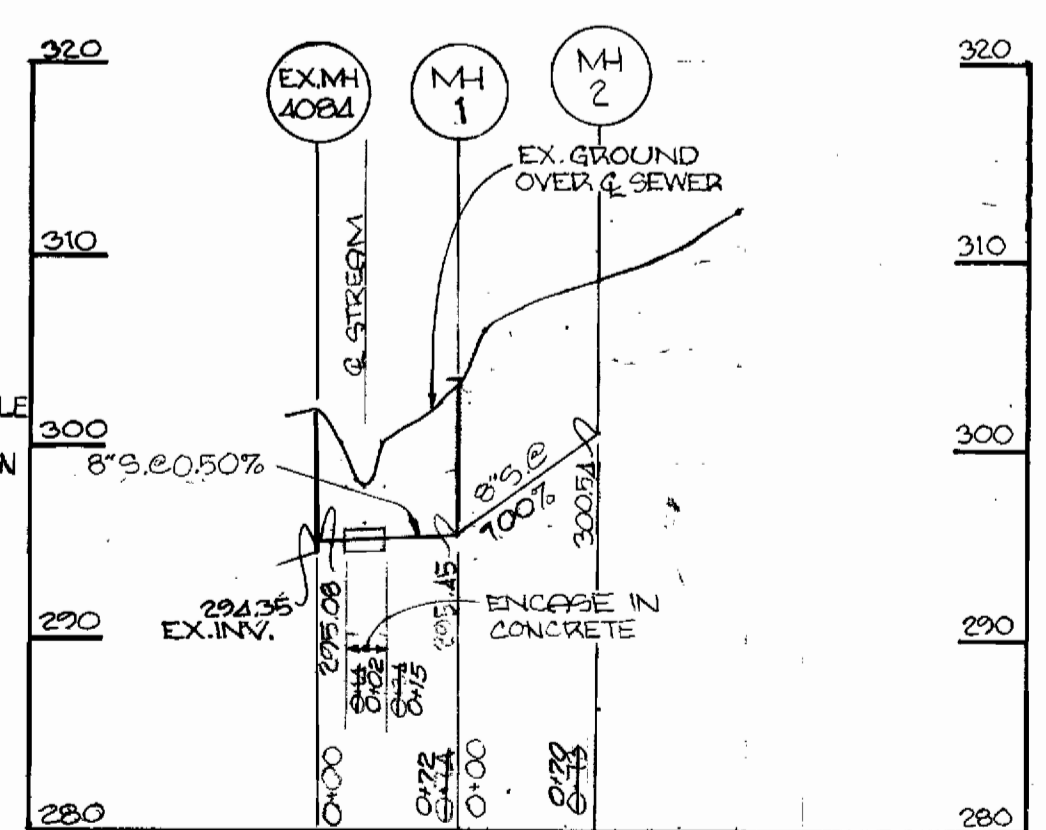
REVIEWED FOR HOWARD S.C.D. & MEETS TECHNICAL REQUIREMENTS APPROVED:
Day R. Pugh 12-30-80
SIGNATURE DATE
U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION & SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
APPROVED:
William J. Rine 12-30-80
HOWARD S.C.D. DATE

- GENERAL NOTES**
- APPROXIMATE LOCATIONS OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING MAINS & SERVICES & MAINTAIN UNINTERRUPTED SUPPLY. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY.
 - ALL HORIZONTAL CONTROLS ARE BASED ON MD STATE COORDINATES.
 - ALL VERTICAL CONTROLS ARE BASED ON U.S.G.S. DATUM.
 - ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
 - CLEAR ALL UTILITIES BY MIN. 6". CLEAR ALL POLES 2'-0" MIN. OR TUNNEL AS REQUIRED.
 - FOR ALL STANDARD DETAILS SEE STANDARDS BOUND IN SPEC'S.
 - CONTRACTOR SHALL LOCATE EXISTING UTILITIES IN ADVANCE OF CONSTRUCTION OPERATIONS IN VICINITY OF PROPOSED UTILITIES.
 - CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:
 - STATE HIGHWAY ADMIN. - 531-5533
 - BALTO. GAS & ELEC. CO., UNDERGROUND ELEC. DISTRIBUTION ENGINEERING, "DAMAGE CONTROL" - 234-5691
 - BALTO. GAS & ELEC. CO., UNDERGROUND GAS DISTRIBUTION ENGINEERING - 589-0100
 - CHESAPEAKE & POTOMAC TELEPHONE CO. - 725-9976
 - AMERICAN TELEPHONE & TELEGRAPH, CABLE LOCATION DIVISION - 301-393-3593
 - COLONIAL PIPELINE CO. - 781-4641
 - TREES ARE TO BE PROTECTED FROM DAMAGE TO MAXIMUM EXTENT. TREES LOCATED WITHIN CONSTRUCTION STRIPS ARE NOT TO BE REMOVED OR DAMAGED BY THE CONTRACTOR.
 - 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 & BACKFILL FOR WATER & SEWER MAINS.
 - PLACE REGULATION "MEN WORKING" & WARNING SIGNS AS REQUIRED TO COMPLY WITH MD. STATE HIGHWAY ADMIN. MANUAL OF TRAFFIC CONTROL FOR HIGHWAY CONSTRUCTION & MAINTENANCE OPERATIONS.
 - ALL SEWER MAINS SHALL BE C.P.P., V.C.P.X., OR A.C.P. CLASS 2400 UNLESS OTHERWISE NOTED.
 - THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALL.
 - ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
 - ALL WATER MAINS TO BE C.I.P. UNLESS OTHERWISE NOTED.
 - TOP OF ALL WATER MAINS TO HAVE MIN. 3'-6" COVER UNLESS OTHERWISE NOTED.
 - ALL VALVES SHALL BE STRAPPED TO TREES IN ACCORDANCE WITH STD. DETAILS.
 - BLOCK ALL FITTINGS WITH CONCRETE, SEE STANDARDS BOUND IN SPEC'S.

19 BURY LINE ELEV'S ON ALL FIRE HYDRANTS SHALL BE SET TO THE ELEV'S SHOWN ON DRAWINGS. ALL FIRE HYDRANTS SHALL BE STRAPPED & BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH STD. DETAILS. SOIL AROUND THE FIRE HYDRANT TO BE COMPACTED IN ACCORDANCE WITH SECTION 5-15 OF THE STD. SPEC'S.

20. ALL WATER HOUSE CONNECTIONS SHALL BE METER SETTING FOR INSIDE.

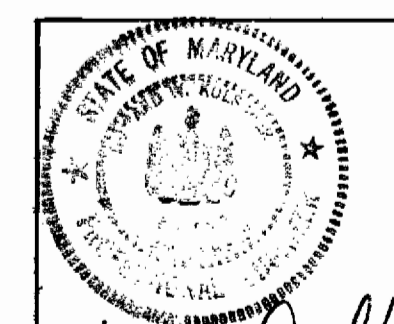


CHANGES: AUG. 14, 1981
ADDITIONS: 7-8-1981
REV. 5-22-80, 9/29/80, 12/12/80

QUANTITIES

ITEM	PROPOSED	AS BUILT	MATERIAL SUPPLIER
6" G. TEES	1	1 EA	US FIRE DWP
6" VALVES	1	1 EA	MH DRESSER
6" WATER	308 LF. C.I.P.	437 LF	US FIRE DWP
FIRE HYDRANT	1	1	MH DRESSER 6"
MANHOLE	2	2	ATLANTIC PRECAST
8" SEWER	147 LF	142 LF	ACP: JOHNS MANVILLE
6" SEWER	270 LF	64 LF	ACP: JOHNS MANVILLE

BENCHMARKS:
1. TOP OF F.H. SE. SIDE OF OWEN BROWN RD., 5' N.E. OF LOT 4 PIPESTEM. ELEV. 329.84
2. RIM OF SANITARY MANHOLE #4099 ELEV. 322.93



Howard W. Kolescher 3/17/80
HOWARD W. KOLESCHER DATE
P.E.

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY

CHIEF, BUREAU OF UTILITIES DATE 11/2/81
William J. Rine

CHIEF, BUREAU OF ENGINEERING DATE 11/5/81
William J. Rine

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY

DATE 1-5-81
CHIEF, LAND DEVELOPMENT DIVISION DATE 1-5-81
William J. Rine

CONTRACT NO. 24-0934-D

PLAN AND PROFILE
OF SEWER MAIN
& WATER MAIN

CUNDY SUBDIVISION
S. SIDE OWEN BROWN ROAD
ELECTION DISTRICT NO. 6.

CONTRACT NO. 24-0934-D
CUNDY PROPERTY?

DRAWING NO. 1 OF 1

SCALE: PLAN: 1" = 60' PROFILE: H: 1" = 100' V: 1" = 10'

OCTOBER 29, 1980