

VICINITY MAP
SCALE: 1" = 600'

GENERAL NOTES

1. Approximate location of existing utilities is shown. The contractor shall take all necessary precautions to protect existing utilities and maintain uninterrupted service. Any damage incurred shall be repaired immediately at the contractor's expense.
2. All pipe elevations shown are invert elevations.
3. The contractor shall notify Miss. Utilities @ 559-0100 at least 3 days prior to beginning any construction shown hereon.
4. All work performed shall be in accordance with the latest revised edition of the HOWARD COUNTY DESIGN MANUAL VOL. II "Standard Specifications and Details for Construction".
5. For details see standard details bound in specifications.
6. Clear all utilities by a minimum of 6'. Clear all poles by 2'-0" minimum or tunnel as required. Any costs incurred by the Contractor shall be included in the unit price bid for construction of the mains.
7. All Water House Connections shall be for inside meter settings.
8. The contractor shall not operate any water main valves - Contact HOWARD COUNTY D.P.W. BUREAU OF UTILITIES 292-2366.
9. All horizontal controls are based on the Maryland State Plane Co-ordinate System.
10. All vertical controls are based on U.S.G.S. Datum.
11. The contractor shall locate existing utilities in advance of construction in the vicinity of proposed utilities.
12. Place regulation men working signs and warning signs as required to comply with M.S.H.A. Manual of Traffic Control for Highway Construction and Maintenance Operations.
13. All sewer mains shall be C.P.P., V.C.P., A.C.P. or P.V.C. unless otherwise noted.
14. Provide joint within 2'-0" of exterior M.H. wall on all sewer mains.
15. All Manholes to be 4'-0" inside diameter, unless otherwise noted.
16. CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST 5 WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS.
BALTIMORE GAS & ELECTRIC CO. UNDERGROUND ELECTRIC DISTRIBUTION CUSTOMER SERVICE - 685-0123
B.G. & E. CO. UNDERGROUND GAS DISTRIBUTION CUSTOMER SERVICE - 685-0123
ENGINEERING DAMAGE CONTROL - 234-5621
MISS UTILITY @ 1-559-0100
CHESAPEAKE & POTOMAC TELEPHONE CO. 723-9976
BUREAU OF UTILITIES OF HOWARD COUNTY @ 292-2366
17. FOR ALL COPPER WATER HOUSE CONNECTIONS, UTILIZE FLARED TYPE FITTINGS ONLY.

Existing MH#213 built under Contr. 2738-B-C - CAP PROJ. 5-4-6067 - Remove Cone Add riser section to meet finished grade.
Top Elev 424.84

SEDIMENT CONTROL/CONSTRUCTION SEQUENCE
1. INSTALL SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH ARTICLE 15 & THIS PLAN OF CONSTRUCTION AND THE MOST RECENT S.C.S. STANDARDS & DETAILS.
2. EXCAVATE TRENCH - USE EXCAVATION TO FORM PERIMETER DIKE
3. INSTALL PROP 8" SEWER & 6" SHC.
4. BACKFILL TRENCH
5. STABILIZE
6. REMOVE SEDIMENT CONTROL MEASURES

BENCH MARKS
B.M. #1 ELEV. 443.42
Roadside bonnet bolt of fire hydrant in front of house No 2501 McKenzie Rd.
B.M. #2 ELEV. 444.87
S.W. Corner of conc. slab over inlet in front of house No 2517 McKenzie Rd.

NOTE: SEDIMENT CONTROL MEASURES FOR THIS CONTRACT SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE GRADING & SEDIMENT CONTROL PLAN FOR F-78-138 AND ARTICLE 15 OF THE STANDARD SPECIFICATIONS.

HOWARD SOIL CONSERVATION DISTRICT
REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

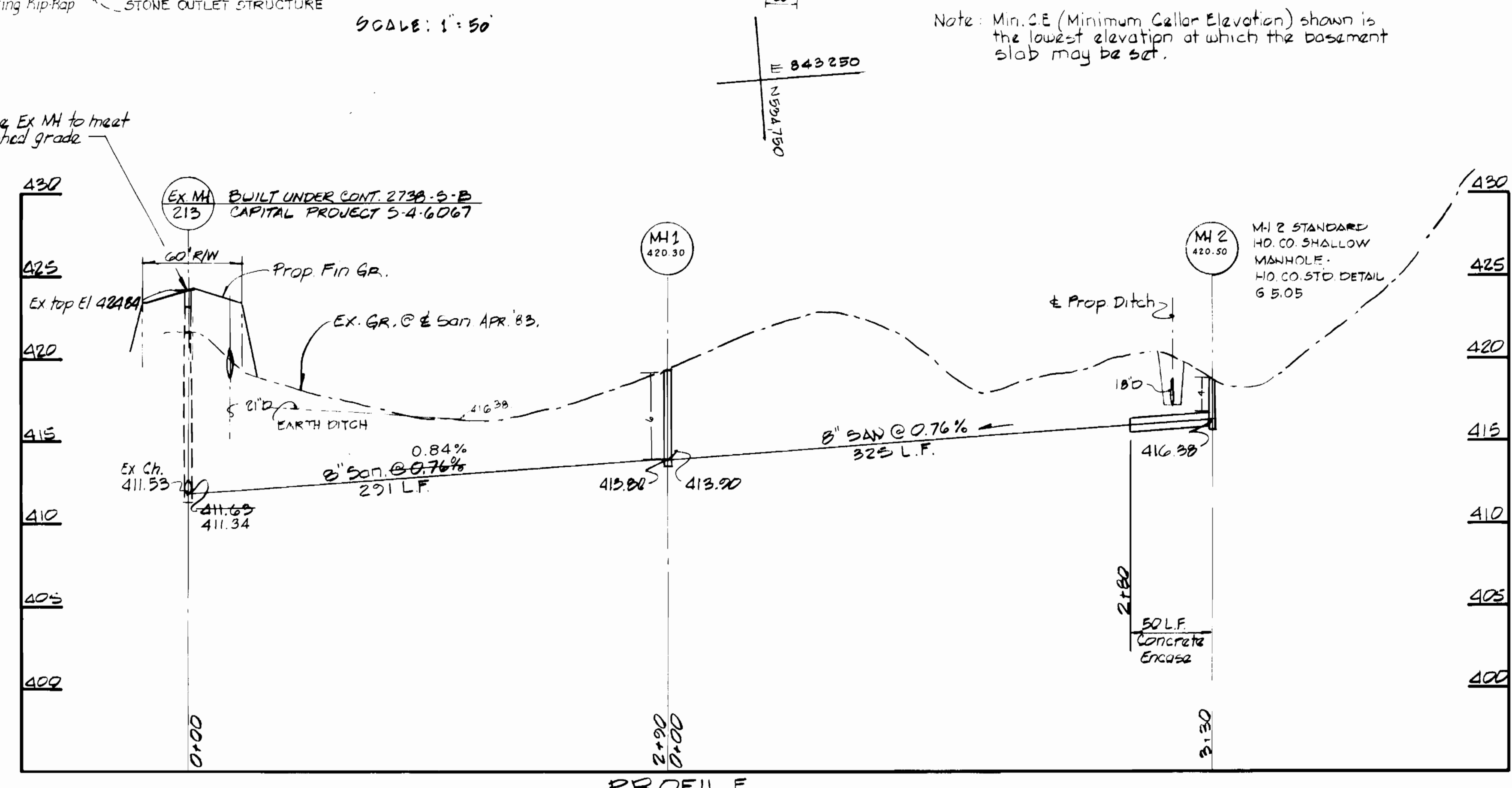
Janna M. Halperin 10-28-83
SOIL CONSERVATION SERVICE DATE

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

[Signature] 10-24-83
HOWARD SOIL CONSERVATION DISTRICT DATE

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH ARTICLE 15 OF THE SPECIFICATIONS AND A.C.P.S. PLAN

10/1/83



DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

[Signature] 10-28-83
DIRECTOR OF PUBLIC WORKS DATE

[Signature] 10-28-83
CHIEF - BUREAU OF ENGINEERING DATE

[Signature] 10-28-83
CHIEF - BUREAU OF UTILITIES DATE

[Signature] 10/1/83
CHIEF - LAND DEVELOPMENT DIVISION DATE

PROFILE
SCALE: HOR. 1" = 50'
VERT. 1" = 5'

HUDKINS ASSOCIATES INC.
231 JOSEPH SQUARE
COLUMBIA MARYLAND 21044
301-730-3060

PLAN AND PROFILE OF
SEWER MAIN

McKENZIE MEADOWS PART II
SECTION ONE CONTR. 24-1106-D
ELECTION DISTRICT NO. 2. ELLICOTT CITY, MARYLAND

DRAWING NO. 1 OF 1
SCALE AS SHOWN

QUANTITY SCHEDULE

ITEM	PROPOSED	AS-BUILT	SUPPLIER
8" SEWER	612 L.F.	612 L.F.	CERTAIN TEED
6" SEWER	43 L.F.	43 L.F.	CERTAIN TEED
1" WATER	20 L.F.	20 L.F.	HALSTEAD
3/4" WATER	610 L.F.	510 L.F.	HALSTEAD
5" MANHOLES	6 V.F.	6 V.F.	CONCRETE PIPE & PROD.
SHALL MANHOLE	3 V.F.	3 V.F.	CONCRETE PIPE & PROD.

SITE ANALYSIS

TYPE OF BUILDING	ANALYSIS
TYPE OF BUILDING	SINGLE FAMILY RESIDENTIAL
NUMBER OF LOTS	14
NUMBER OF WHCS	3/4" SINGLE - 7
NUMBER OF WHCS	1" DOUBLE - 2
NUMBER OF SHCS	5
DRAINAGE AREA	PATAPSCO

CONTRACT NO. 24-1106-D
McKENZIE MEADOWS SEC. I
GUDEL DRIVE PART II
SEWER MAIN EXTENSION

AS-BUILT JULY 25, 1984