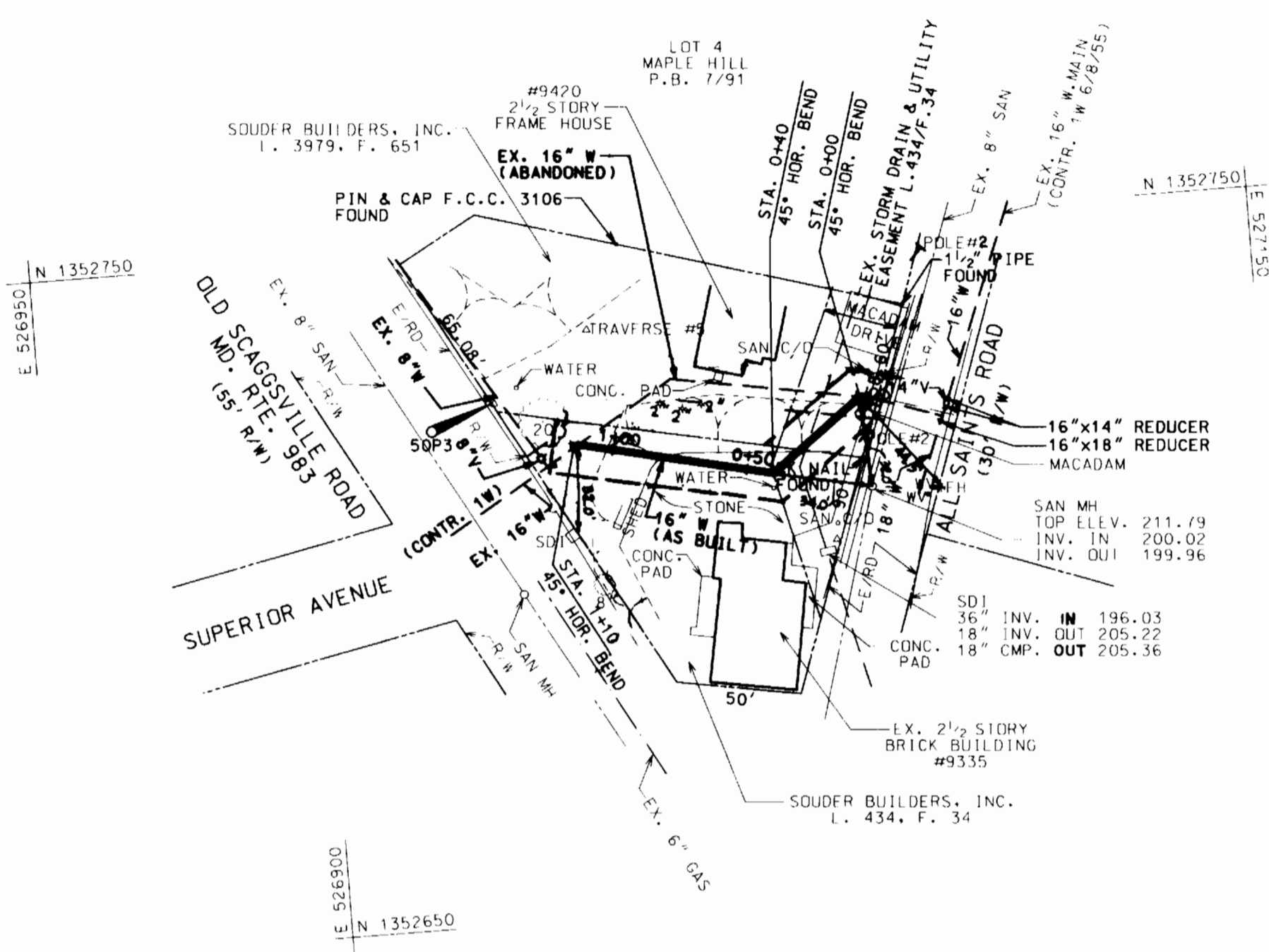


AS-BUILT SEPT. 1998

QUANTITIES				
ITEM	UNIT	ESTIMATE	AS-BUILT	SUPPLIER
16" WATER MAIN	L.F.	110		
D.I.P. C.L. 52	E.A.	3		



PLAN
SCALE: 1"=50'

SURVEY CONTROL

B.M. #1 - HOWARD COUNTY SURVEY CONTROL NO. 50 P372 ROAD W/CAP 4' EAST OF EDGE ROAD (SCAGGSVILLE ROAD) AND APPROX. 54' N.W. OF S.D.I. AT N.E. EDGE OF SCAGGSVILLE ROAD
N 526989.1229 ELEV. 209.70
E 1352018.26

B.M. #2 - HOWARD COUNTY CONTROL NO. 50P1 PK W/TL IN PAVING NEAR INTERSECTION OF SUPERIOR AVE. & FAIRVIEW AVE.
N 527030.6562 ELEV. 244.20
E 1352070.841

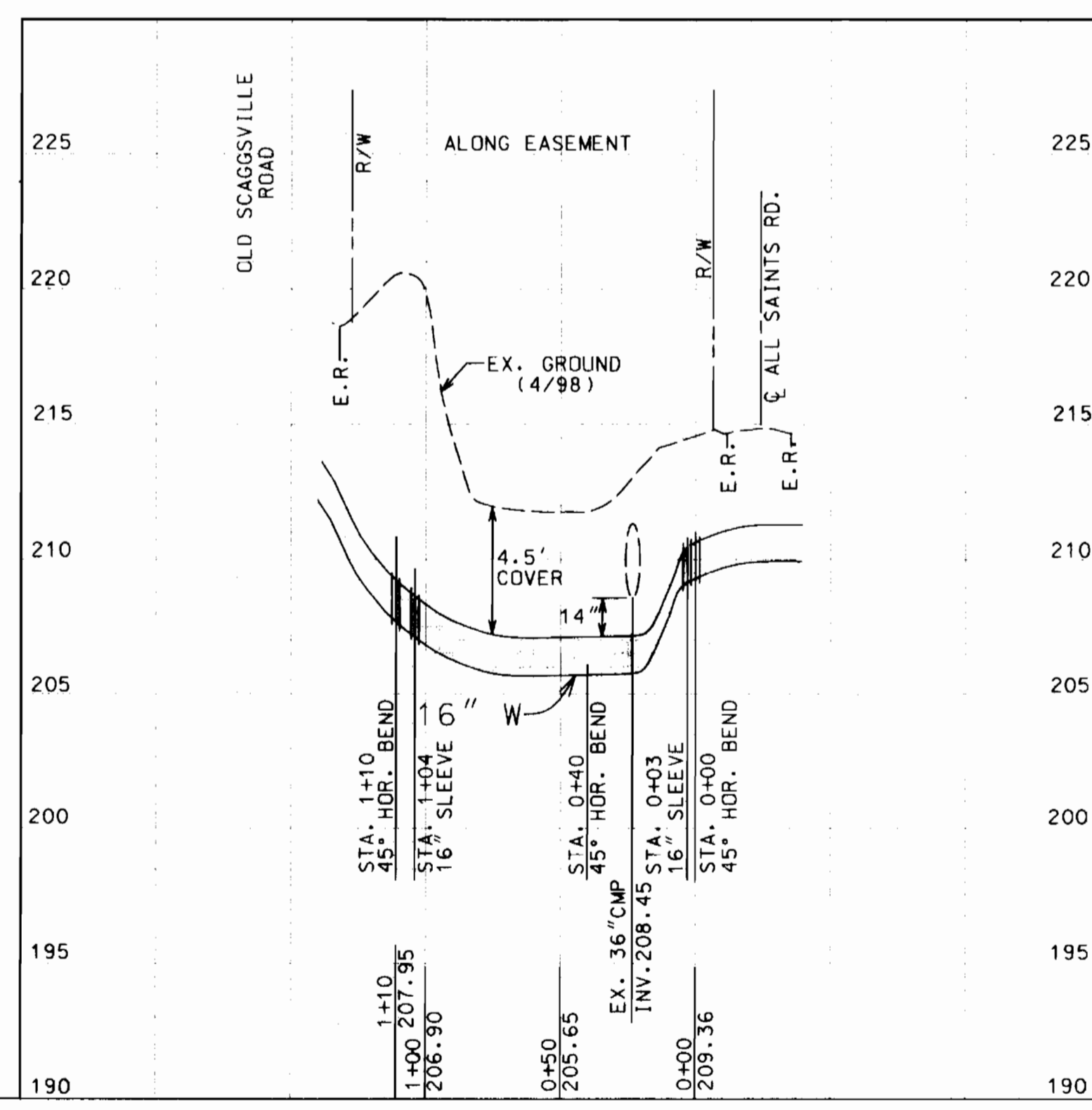


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THE MAP PEOPLE
PERMITTED USE NO. 20197515

TYPE OF BUILDINGS:
NO. OF PARCELS:
NO. OF SEWER HOUSE CONN.: 0
NO. OF WATER HOUSE CONN.: 0
SEWER CODE: N/A
WATER CODE: C06
DRAINAGE AREA: PATUXENT RIVER

VICINITY MAP
SCALE: 1"=600'

- GENERAL NOTES**
- 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 CONTRACTOR'S EXPENSE.
 - ALL HORIZONTAL CONTROLS SHOWN ARE BASED ON MARYLAND STATE COORDINATES.
 - ALL VERTICAL CONTROLS ARE BASED ON U.S.G.S. DATUM.
 - ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
 - CLEAR ALL UTILITIES BY A MINIMUM OF 6". CLEAR ALL POLES BY 2'-0" MINIMUM OR TUNNELS AS REQUIRED.
 - FOR DETAILS NOT SHOWN ON THE DRAWINGS, AND FOR MATERIALS AND CONSTRUCTION METHODS, USE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATION AND DETAILS FOR CONSTRUCTION. THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV ON THE JOB.
 - WHERE TEST PITS HAVE BEEN MADE ON EXISTING UTILITIES, THEY ARE NOTED BY THE SYMBOL AT LOCATION OF TEST PITS. A NOTE OR NOTES CONTAINING THE RESULT OF THE TEST PITS IS INCLUDED ON THE DRAWINGS. EXISTING UTILITIES IN THE VICINITY OF THE PROPOSED WORK FOR WHICH TESTS HAVE NOT BEEN DUG SHALL BE LOCATED BY THE CONTRACTOR TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS AT THE CONTRACTOR'S EXPENSE.
 - THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE WORKING DAYS PRIOR TO STARTING WORK SHOWN ON THE PLAN:
 - BELL ATLANTIC-NO. 410-597-8585
 - STATE HIGHWAY ADMINISTRATION 410-531-5533
 - BALTIMORE GAS ELECTRIC CO. CONDUIT SERVICES 410-950-4620
 - BALTIMORE GAS ELECTRIC CO. UNDERGROUND DAMAGE CONTROL 410-181-9088
 - BALTIMORE GAS ELECTRIC CO. TROUBLE SHOOTING 410-298-9001
 - MISS UTILITY 1-800-257-7777
 - COLONIAL PIPELINE 410-795-1390
 - BUREAU OF UTILITIES, HOWARD NO. DEPT. OF PUBLIC WORKS 410-313-4900
 - TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO THE MAXIMUM EXTENT. TREES AND SHRUBS LOCATED WITHIN THE CONSTRUCTION STRIP ARE NOT TO BE REMOVED OR DAMAGED BY THE CONTRACTOR.
 - CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG LINE OF EXCAVATION. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE FOR CONSTRUCTION OF THE MAIN AND SERVICE CONNECTIONS.
 - ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
 - TRENCH REPAIRS TO BE IN ACCORDANCE WITH HOWARD COUNTY STANDARD DETAILS.
 - ALL WORK WILL BE IN ACCORDANCE WITH HOWARD COUNTY STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL SECTION 219.
 - LENGTH OF OPEN TRENCH WILL BE LIMITED TO THAT WHICH MUST BE FILLED AND STABILIZED WITHIN ONE WORKING DAY.
 - ALL WATER MAINS SHALL BE D.I.P., CLASS 52 UNLESS OTHERWISE NOTED.
 - TOP OF WATER MAIN PIPE TO HAVE A MINIMUM OF 3.5' OF COVER UNLESS OTHERWISE NOTED.
 - VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
 - ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR IN THE DRAWING.
 - FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATIONS SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE STRAPPED AND BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS. SOIL AROUND THE FIRE HYDRANTS SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1003 OF THE STANDARD SPECIFICATIONS.
 - THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM. CALL HOWARD COUNTY BUREAU OF UTILITIES AT 410-313-4900. COORDINATE THE TIE-IN TO THE EXISTING WATER AT LEAST FIVE WORKING DAYS PRIOR TO SCHEDULING.
 - THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY AT 410-313-2450 AT LEAST 5 WORKING DAYS BEFORE ANY OPEN CUT OF ANY COUNTY ROAD OR BORING / JACKING OPERATION IN COUNTY ROADS FOR LAYING WATER MAINS AND HOUSE CONNECTIONS.
 - SOIL BORING LOCATIONS ARE SHOWN THUS B-1.
 - TO PROTECT IMPORTANT AQUATIC SPECIES, IN-STREAM WORK IS PROHIBITED AS DETERMINED BY THE CLASSIFICATION OF THE STREAM AS FOLLOWS:
USE 1 WATERS IN-STREAM WORK MAY NOT BE CONDUCTED DURING PERIOD MARCH 1 THROUGH JUNE 15, INCLUSIVE, DURING ANY YEAR.



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

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

James J. Shaw 12/1/98
DIRECTOR OF PUBLIC WORKS (DATE)

Paul H. Jenson 11/30/98
CHIEF, BUREAU OF ENGINEERING (DATE)

Robert Baunier 12-1-98
CHIEF, BUREAU OF UTILITIES (DATE)

Q. D. ... 11-25-98
CHIEF, UTILITY DESIGN DIVISION (DATE)

HICKS ENGINEERING CO., INC.
ENGINEERS, SURVEYORS & PLANNERS
200 EAST JOPPA ROAD, SUITE 102
TOWSON, MARYLAND 21286-3160
(410) 494-0001

[Signature]
REGISTERED PROFESSIONAL ENGINEER

DES:	
DRN:	DAR
CHK:	DEH
DATE:	10/9/98
BY:	NO.
REVISION:	
DATE:	600' SCALE MAP NO. 50
BLOCK NO.:	2

PLAN & PROFILE
16" WATER MAIN

ALL SAINTS ROAD
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
CAPITAL PROJECT NO. W-8222
CONTRACT NO. 24-3726

SCALE AS SHOWN
SHEET 1 OF 1