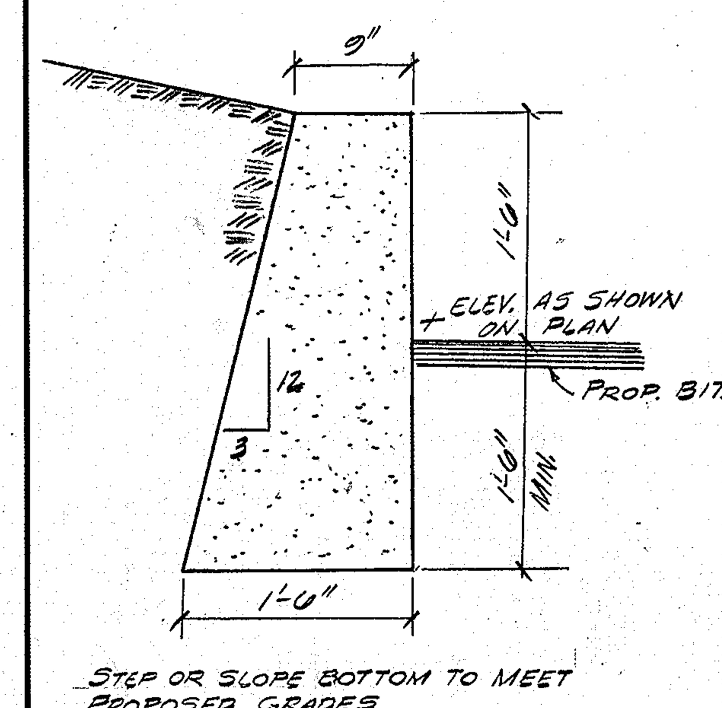


WALL DETAIL

SCALE: 1" = 1'-0"

6-10-04
- ADDED 1½" WATER HOUSE CONNECTION / SERVICE TO SITE.

FOR REDLINE REVISION #3
PREPARED BY BOHLER ENGINEERING, P.C.

GENERAL NOTES

1. CONTRACTOR TO NOTIFY THE UTILITY COMPANIES AT LEAST THREE (3) DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS.
2. INSTALLATION OF TRAFFIC CONTROL DEVICES, MARKING, AND SIGNING SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES 1971 EDITION.
3. ALL REINFORCED CONCRETE SHALL HAVE A MINIMUM 28 DAYS STRENGTH OF 3500 PSI.
4. ALL DISTURBED SLOPE AREA TO BE STABILIZED AS SOON AS GRADING IS COMPLETED.
5. ANY DAMAGE TO PUBLIC RIGHT-OF-WAYS OR PAVING WILL BE CORRECTED AT THE DEVELOPER'S EXPENSE.

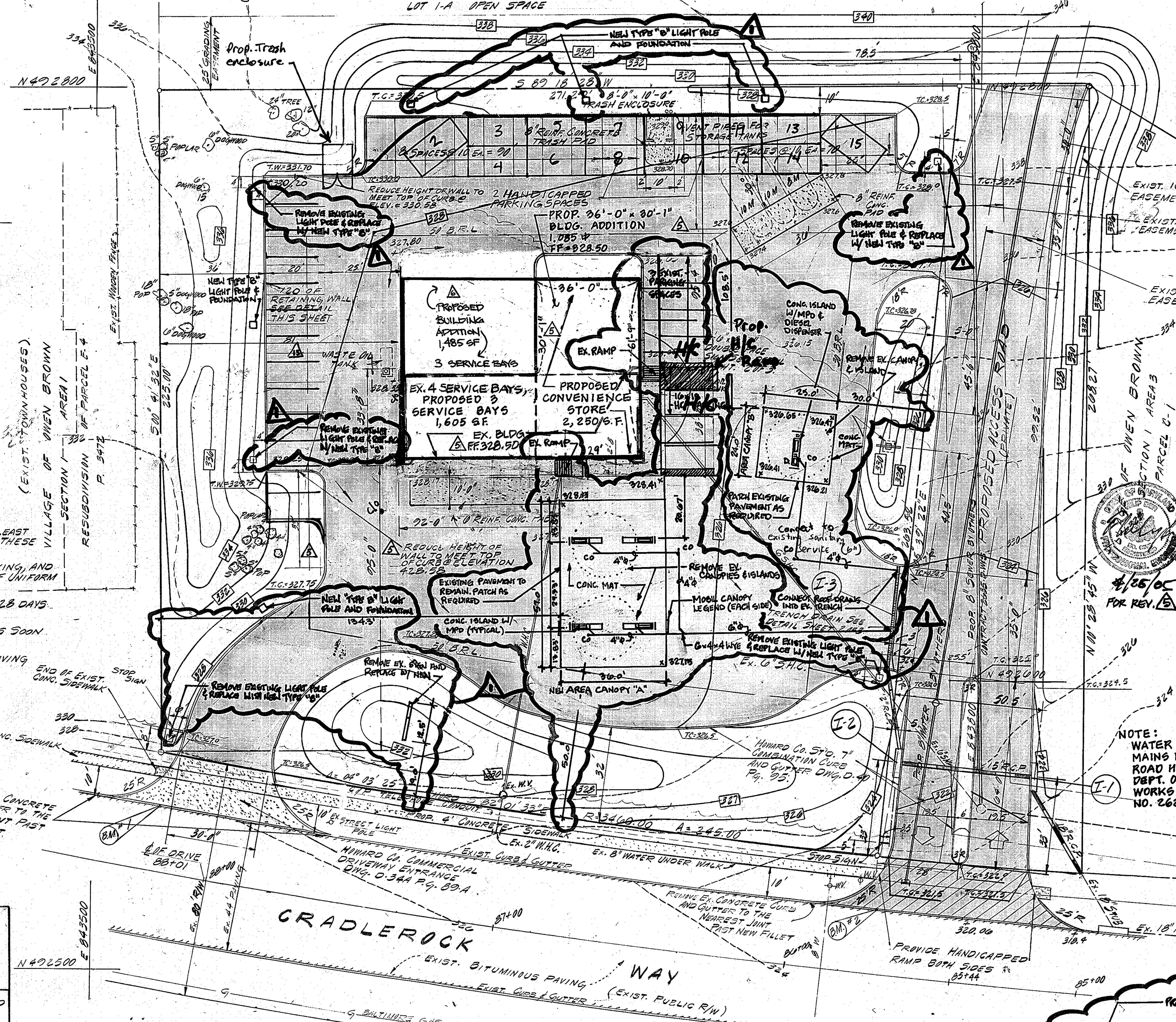
Parking Required: 5 6

A. Gasoline Service station with service bays = 3 spaces
B. Three (3) spaces per service bay = 18 spaces
C. Two (2) spaces per 1,000 sf of Convenience Store floor area = 4.5 spaces ≈ 5 Spaces

Total Required: TWENTY-SIX (26)

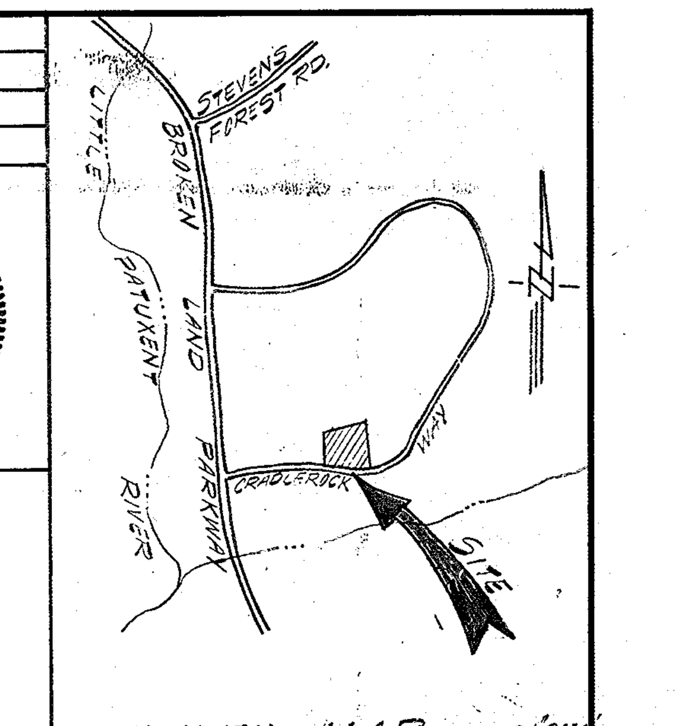
Parking Provided:

THIRTY (30) spaces including two (2) Handicap spaces



DATE	NO.	REVISION
10-31-11	6	ADD BUILDING ADDITION

FOR REVISION 6



VICINITY MAP SCALE: 1" = 2000'

7-15-04
Added carwash reclaim tanks, 4" sanitary service across the building. Rev #4

Note
See Electrical Plans for light base foundations

REVISION 5 4/4/05

1) REVISED BLDG. ADDITION. REMOVED CAR WASH BLDG. AND RECONFIGURED EX. BLDG.
2) SHOW GRASS AREA TO REMAIN. REMOVE FUTURE UTILITIES.
3) REVISED SITE ANALYSIS AND PARKING CALCULATION.
4) ALL SITE IMPROVEMENTS EXIST UNLESS NOTED.
5) THIS PLAN REDUCES BUILDING COVERAGE ON SITE.

BY: WHITNEY, BAILEY, COX & MAGNANI, LLC
849 FAIRMOUNT AVE. SUIT 100
BALTIMORE, MD. 21086
(410) 512-4500

4/25/05
FOR REV. 5

LEGEND

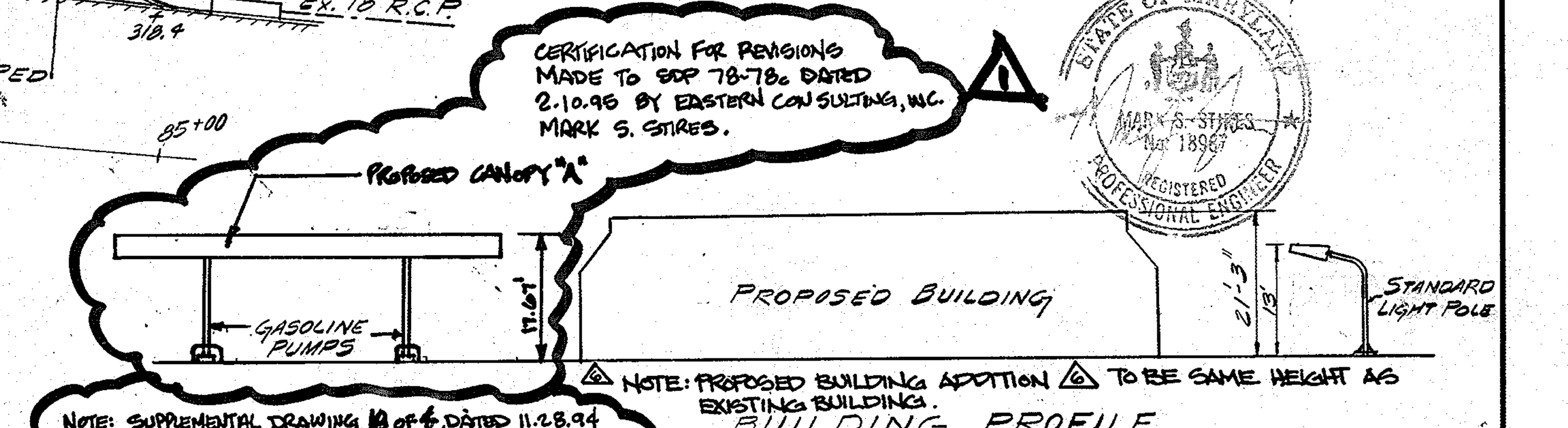
326	EXISTING CONTOURS
330	PROPOSED CONTOURS
	PROP. BITUMINOUS PAVING
	PROP. BITUMINOUS APRON
	PROP. CONCRETE PAVING
	PROP. CONCRETE CURB
	PROP. BITUMINOUS CURB
	PROP. 4" CONC. WALK HOWARD CO. STD. D-14 PG. 09

SITE ANALYSIS

PARCEL A-1 SECT. 1 AREA 3 VILLAGE OF OWEN BROWN PLAT 3718
Tax Map 36
TOTAL LOT AREA - 1.449 Ac.
ZONING - New Town, Employment Center - Commerical. FDP 150-A, SEE PLANNING BOARD CASE NO. 111
BUILDING COVERAGE - ~~2364 ±~~ ~~3,855 ±~~ 5,754 SF 5 6
GREEN SPACE - ~~...~~ 20,466 SF (32.4%)
~~PARKING PROVIDED - ...~~
~~PARKING REQUIRED SEE SECTION ... OF THE HOWARD CO. 1977 ZONING REG.~~

~~1. MAXIMUM NUMBER OF EMPLOYEES TO BE ON SITE. ONE PARKING SPACE REQUIRED FOR EACH EMPLOYEE.~~
~~2. MAXIMUM NUMBER OF ACCESSORY VEHICLES (TOW AND REPAIR VEHICLES) ... ONE PARKING SPACE REQUIRED FOR EACH ACCESSORY VEHICLE.~~
~~3. NUMBER OF SERVICE BAYS. THREE PARKING SPACES REQUIRED FOR EACH BAY~~

CERTIFICATION FOR REVISIONS MADE TO SDP 78-78c DATED 2.10.95 BY EASTERN CONSULTING, INC. MARK S. STIRES. 1



6 NOTE: PROPOSED BUILDING ADDITION 6 TO BE SAME HEIGHT AS EXISTING BUILDING.

NOTE: SUPPLEMENTAL DRAWING 1A OF 4, DATED 11.28.94 BY EASTERN CONSULTING IS NOT PART OF ORIGINAL SDP 78-78c.

BUILDING PROFILE
SCALE: 1" = 20'

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT.		
[signature] COUNTY HEALTH OFFICER	6-5-78 DATE	
APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING.		
[signature] PLANNING DIRECTOR	6-7-78 DATE	
[signature] CHIEF DIVISION OF LAND DEVELOPMENT	6-6-78 DATE	
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.		
[signature] DIRECTOR	6/1/78 DATE	
[signature] CHIEF BUREAU OF ENGINEERING	6-1-78 DATE	

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N41043

6" = FULL SCALE

NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
2. STORM WATER MANAGEMENT FOR THIS SITE IS CONTROLLED BY EXISTING LAKE ELKHORN.
3. PROPOSED BUILDING TO BE CONSTRUCTED ON PARCEL A-1 PROPOSED PRIVATE DRIVE TO BE CONSTRUCTED ON PARCEL B-2 PROPOSED TEMPORARY SEDIMENT TRAP TO BE CONSTRUCTED ON PARCEL C-1, SEE PROPERTY OUTLINE, SHEET 2 OF 3.
4. ~~EXISTING TREES SHOWN TO REMAIN.~~
5. FOR BITUMINOUS PAVING SECTIONS SEE SHEET 2 OF 3.
6. ALL EXTERIOR LIGHTING TO BE DIRECTED INWARD.

PLAN

SCALE: 1" = 20'

BENCH MARK SCHEDULE

B.M. #1 X CUT ON CONCRETE CURB ELEV. = 320.05
B.M. #2 X CUT ON CONCRETE CURB ELEV. = 321.08

For redline revision No. 2
Prepared by Bohler Engineering, P.C.

TOPOGRAPHIC SURVEY WAS FURNISHED BY MOBIL OIL CORPORATION

OWNER: HOWARD RESEARCH AND DEVELOPMENT CORP.

CONTRACT PURCHASER / DEVELOPER:
MOBIL OIL CORPORATION
NORTH AMERICAN DIVISION
EASTERN REGION P.O. BOX 839
VALLEY FORGE, PA. 19482

MACRIS - FOWLER
ASSOCIATES
CIVIL - STRUCTURAL ENGINEERS; SURVEYORS, PLANNERS
27 W. JEFFERSON ST. ROCKVILLE, MD. 20850
(301) 340-8705 (301) 762-3858

NO.	REVISIONS	DATE	BY	CHKD.	MF
1	REMOVE EX. CANOPIES AND REPLACE W/ NEW. REPLACE CONC. ISLANDS, LIGHTS.	2.10.95	BJ	MSS	
	APPROVED PLANNING BOARD OF HOWARD COUNTY DATE 4-26-78				
3	Expand existing building and reconstruct parking area to provide the required parking	11/03	AJV	MG	

Mobil Oil Corporation
NORTH AMERICAN DIVISION
EASTERN REGION
VALLEY FORGE, PA 19482

SITE DEVELOPMENT PLAN
VILLAGE OF OWEN BROWN
SECTION-1 AREA-3 PARCEL A-1 PLAT 3718
6TH ELECTION DISTRICT
COLUMBIA, MARYLAND

DRAWN D.C.	DRAWING NUMBER	REV. 1
CHECKED J.C.G.		
SCALE 1" = 20'	SHEET NUMBER	
DATE NOV. 77	1 OF 4	

SDP-78-78c

MOBIL OIL CORPORATION STANDARD "GS" SIGNAGE

REF #	REFERENCE	LOCATION	AREA PER FACE (S.F.)	QTY.	TOT. AREA (S.F.)	COMMENTS
	FREESTANDING SIGNAGE					
1	MOBIL MONUMENT ID SIGN	ALONG CRADLEROCK WAY	23.80	1 SIDE	23.80	ILLUMINATED
2	MOBIL MONUMENT PRICE SIGN	ALONG CRADLEROCK WAY	19.80	1 SIDE	19.80	ILLUMINATED
3	EX. MOBIL MONUMENT ID SIGN	ALONG ACCESS ROAD	28.66	1 SIDE	28.66	ILLUMINATED
	** SUB-TOTAL **				**52.46**	
	** BUILDING MOUNTED SIGNAGE ** FOR MOBIL GS BUILDING					
4	EX. 4' DIA. PEGASUS DISK	RIGHT SIDE OF BUILDING	12.56	1	12.56	ILLUMINATED
5	SNAP-LOCK SIGNS	FRONT OF BUILDING	8.0	2	16.0	NON-ILLUMINATED
	** SUB-TOTAL **				**28.56**	
6	FOR CANOPY "MOBIL" CANOPY LEGEND	CANOPY FASCIA	17.0	2	34.0	ILLUMINATED
	** SUB-TOTAL **				**34.0**	

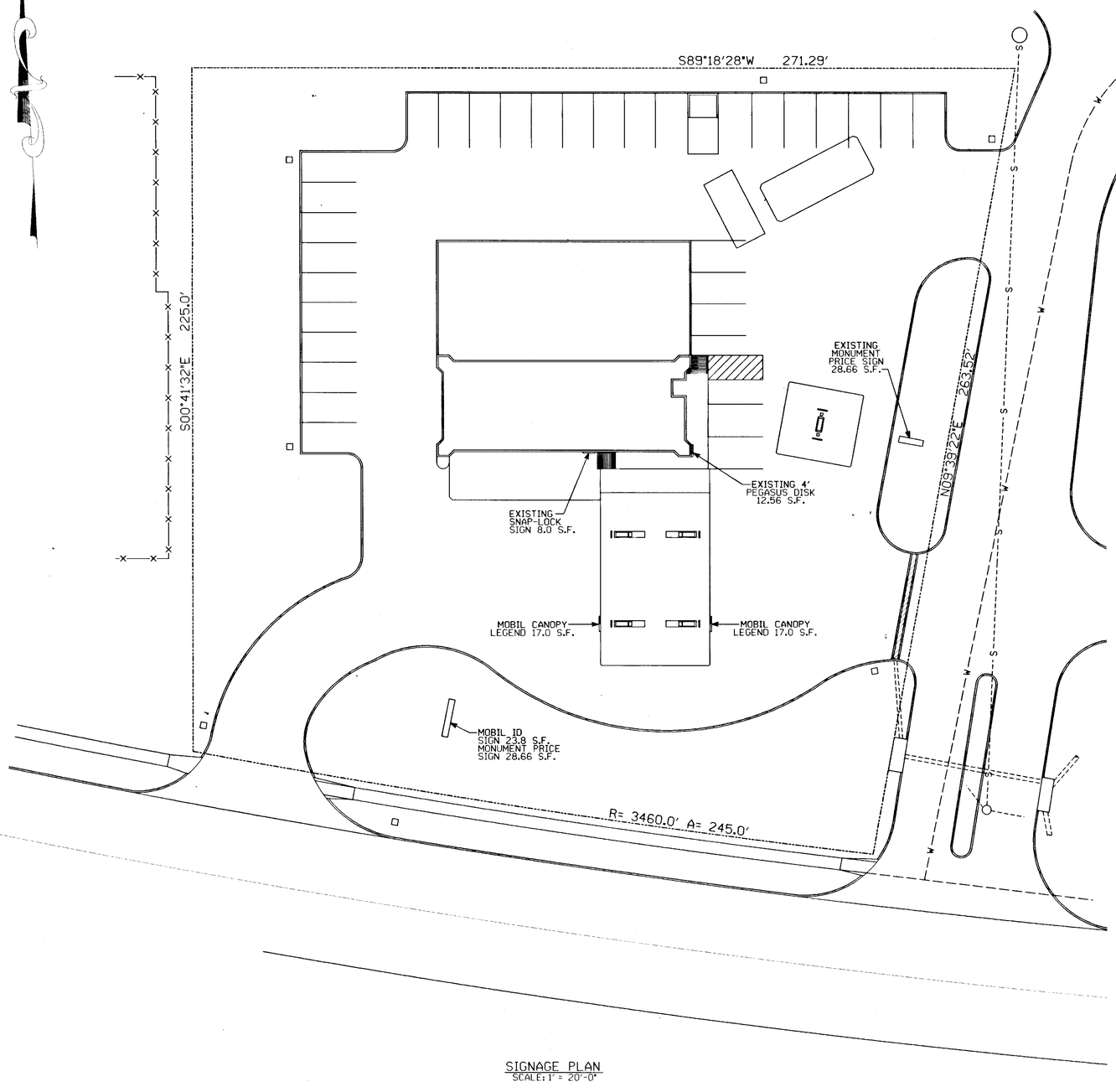
GRAND TOTAL 115.02 < 201 S.F. (MAX. ALLOWED)

COMPUTATIONS/REQUIREMENTS PER "HOWARD COUNTY, MARYLAND - 'THE SIGN CODE' SUBTITLE 5"
PRICE SIGN NOT COMPUTED INTO MAXIMUM ALLOWABLE SIGN AREA (SECT. 3.501.C.2.C)

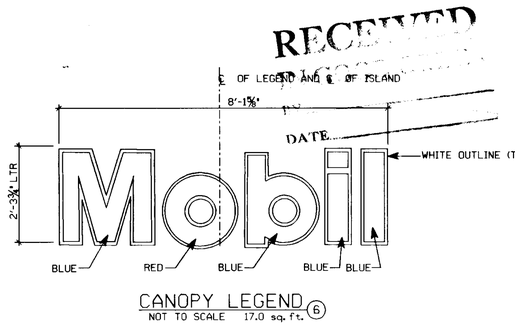
TOTAL SIGN AREA = 2 SQ. FT. / 1 LINEAL FOOT OF BUILDING FRONTAGE = 84' × 2 = 168 SQ. FT.
1 SQ. FT. / 1 LINEAL FOOT OF BUILDING (SIDE) FRONTAGE = 33' × 1 = 33 SQ. FT.
(SECT. 3.501.C.2.C) 201 SQ. FT. TOTAL SIGN AREA ALLOWED

FREESTANDING SIGN MAX AREA ALLOWED: 1 SQ. FT. FOR EACH 1FT. THE SIGN IS SET BACK FROM THE ROAD RIGHT-OF-WAY, = FRONT = 24' × 1' = 24 SQ. FT. MAX. ALLOWED
23.8 SQ. FT. PROPOSED SIGN AREA (INCLUDE IN TOTAL SIGN AREA ALLOWED)

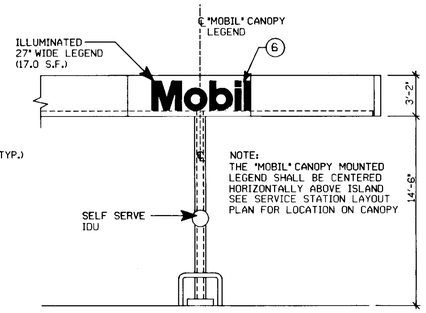
THE MAXIMUM ALLOWABLE AREA FOR A FREESTANDING SIGN SHALL BE 1 SQUARE FOOT FOR EACH 1 FOOT THE SIGN IS SET BACK FROM THE ROAD RIGHT-OF-WAY.



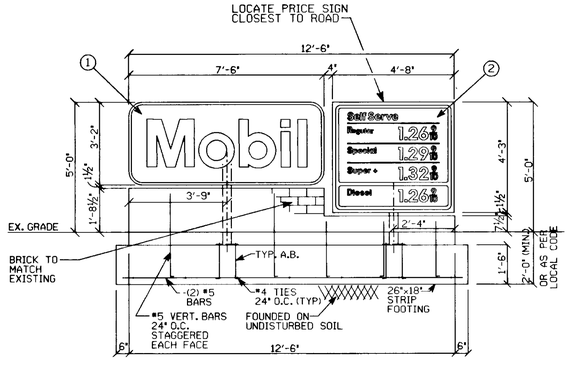
SIGNAGE PLAN
SCALE: 1" = 20'-0"



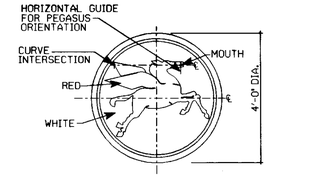
CANOPY LEGEND ⑥
NOT TO SCALE 17.0 sq. ft.



CANOPY
FRONT ELEVATION
SCALE: NO SCALE



MONUMENT SIGN
SCALE: ⅜" = 1'-0"
① 7'-6" ID SIGN = 23.8 S.F./SIDE
② TYPE "B" PRICE SIGN = 19.8 S.F./SIDE



EXISTING 4' PEGASUS DISK ③
NOT TO SCALE 12.56 sq. ft.

RECEIVED

STATE OF MARYLAND — MARK S. STIRES No. 18987 — REGISTERED PROFESSIONAL ENGINEER

SUPPLEMENTAL DRAWING TO SDP 78-78C
AMMENDED 01/95 MARK S. STIRES

MARK S. STIRES P.E.
PROFESSIONAL ENGINEER
MARYLAND LICENSE No. 18987

EASTERN CONSULTING INC.
•CIVIL & CONSULTING ENGINEERS •PROJECT MANAGERS
•ENVIRONMENTAL & SITE PLAN •PERMIT EXPEDITORS

EASTERN CONSULTING INC.
15 Douglas Court
Sterling, Va. 20166
PHONE:(703) 904-8350 FAX:(703) 904-8358

MOBIL SERVICE STATION
7248 CRADLEROCK WAY
COLUMBIA, MARYLAND

Proj. No. S93028
SS# 16-J9Q

DRAWING NUMBER S93028SG
SHEET NUMBER 1A of 4

REV | NO | REVISIONS | DATE | BY | CHKD

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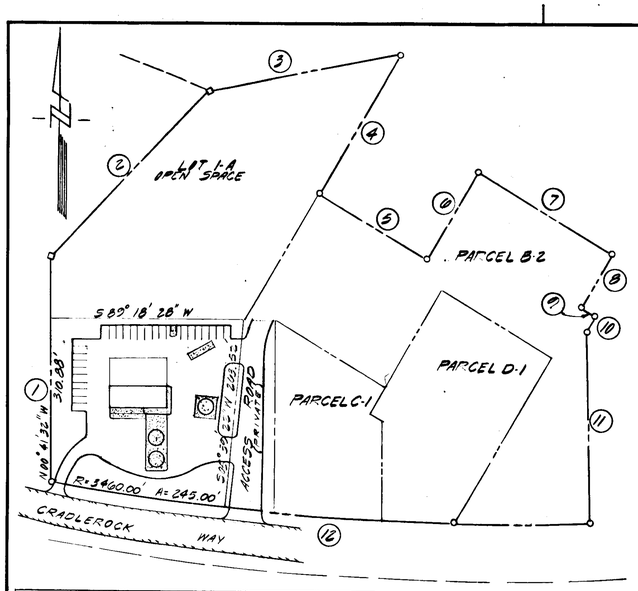
DRAWN KPF
CHECKED BJ
SCALE AS NOTED
DATE 11/28/94

PROPOSED SIGNAGE PLAN & ELEVATIONS

Mobil Oil Corporation
U.S. Marketing & Refining Division Engineering Department
Marketing Operations
Fairfax, Virginia 22037

DESIGN FILE NAME: S93028SG.DGN;2



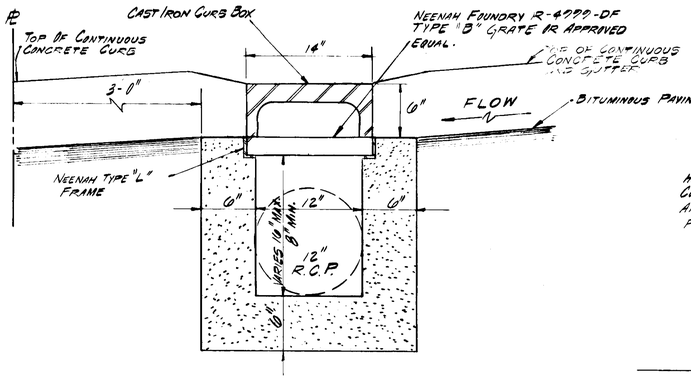
PROPERTY OUTLINE

SCALE: 1" = 100'

PROPERTY BOUNDARY OUTLINE			
1	N 0° 41' 32" W 318.88	7	N 59° 29' 23" W 220.90
2	N 43° 34' 11" E 318.52	8	S 30° 30' 37" W 85.00
3	N 79° 04' 10" E 272.88	9	S 59° 29' 23" E 20.00
4	S 30° 30' 37" W 223.20	10	S 30° 30' 37" W 23.85
5	N 59° 29' 23" W 175.00	11	S 02° 50' 05" E 226.15
6	S 30° 30' 37" W 140.00	12	R=3400.00 A=701.27

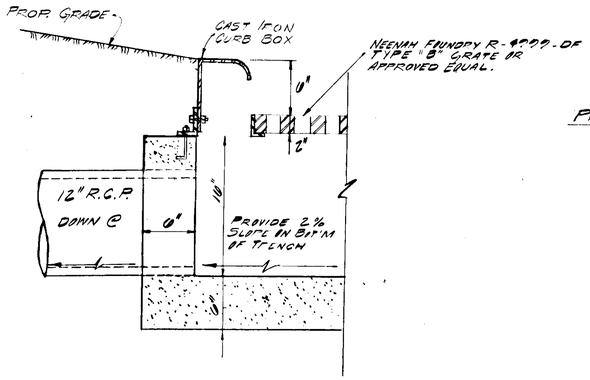
STRUCTURE SCHEDULE						
NO	TYPE	ELEVATION LOWER	ELEVATION UPPER	REMARKS	INV. IN	INV. OUT
I-1	A-10 W = 2'-0"	322.24	322.46	HOWARD CO. STD DWG. U-4-A PG. 119-A	316.14	315.64
I-2	A-10 W = 2'-0"	322.24	322.46	HOWARD CO. STD. DWG. U-4-A PG. 119-A	319.90	318.60
I-3	SPECIAL STRUCTURE	324.00		SEE DETAIL THIS SHEET	323.33	322.67

PIPE SCHEDULE		
SIZE	TYPE	LENGTH
12"	R.C.P. CL-III	27'
15"	R.C.P. CL-II	45'
18"	R.C.P. CL-II	33'



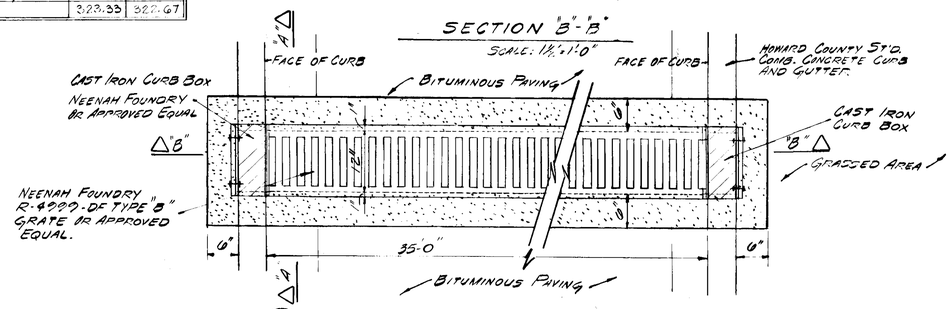
SECTION "A"-"A"

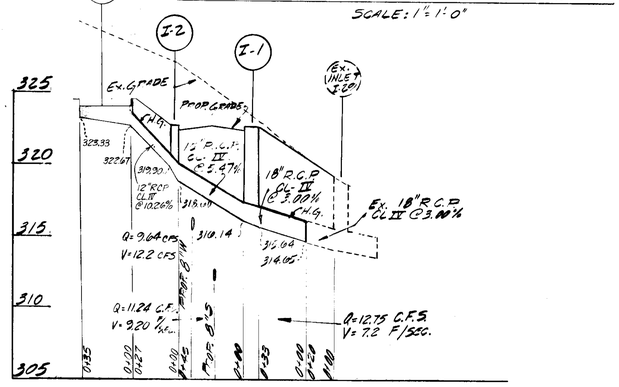
SCALE: 1½" = 1'-0"



SECTION "B"-"B"

SCALE: 1½" = 1'-0"



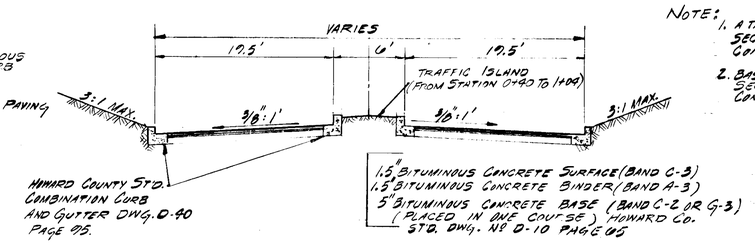


PLAN VIEW STRUCTURE I-3

SCALE: 1" = 1'-0"

STORM DRAIN PROFILE

SCALE: 1" = 5' VERT.
1" = 50' HORIZ.

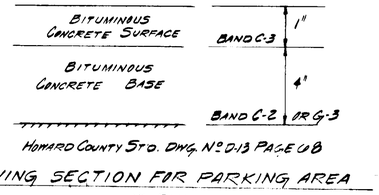


TYPICAL SECTION PRIVATE ACCESS ROAD

NO SCALE

NOTE:

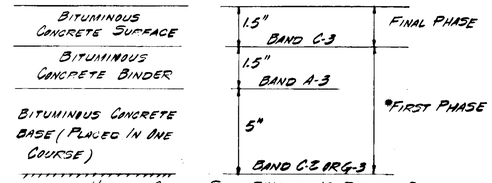
1. A TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-31-4 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS.
2. BASE WILL BE PRIMED IN ACCORDANCE WITH SECTION C-30-3 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS.



HOWARD COUNTY STD. DWG. NO. D-13 PAGE 98

PAVING SECTION FOR PARKING AREA

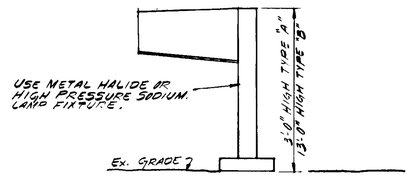
NO SCALE



HOWARD COUNTY STD DWG. D-10 PAGE 95

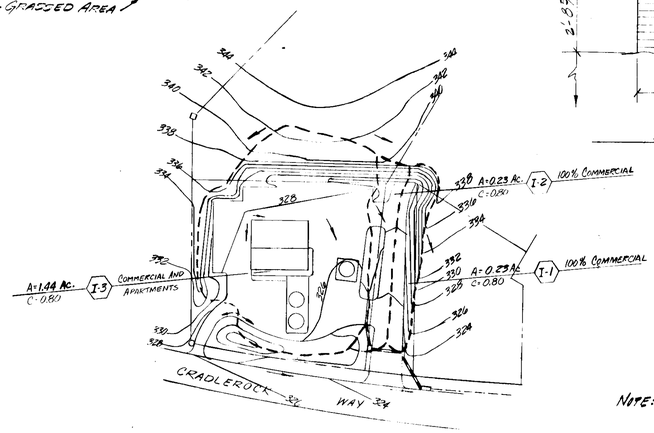
PAVING SECTION FOR PRIVATE ACCESS ROAD APRON

NO SCALE



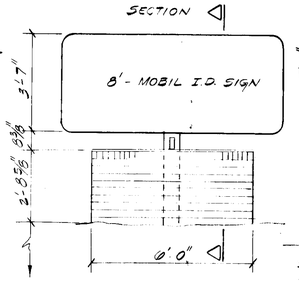
TYPICAL LIGHTING DETAIL

NO SCALE



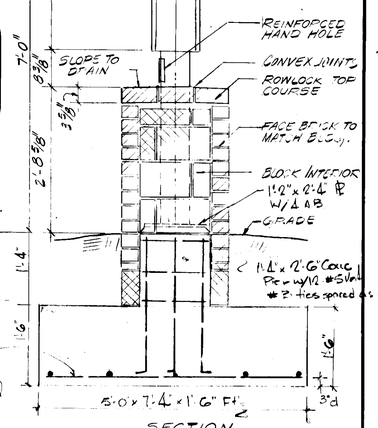
DRAINAGE AREA MAP

SCALE: 1" = 100'



ELEVATION

3/8" = 1'-0"



NOTE: ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT.

COUNTY HEALTH OFFICER — 6-5-78 DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR — 6-7-78 DATE

CHIEF, DIVISION OF LAND DEVELOPMENT — 6-6-78 DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

DIRECTOR — 6/1/78 DATE

CHIEF BUREAU OF ENGINEERING — 6-1-78 DATE

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N41042

8" = FULL SCALE

NO.	REVISIONS	DATE	BY	CHKD.	MF
	APPROVED PLANNING BOARD OF HOWARD COUNTY DATE 4-26-78				

MACRIS - FOWLER ASSOCIATES
CIVIL - STRUCTURAL ENGINEERS SURVEYORS, PLANNERS
27 W. JEFFERSON ST. ROCKVILLE MD. 20850
(301) 340-8705 (301) 762-3858

Mobil Oil Corporation
NORTH AMERICAN DIVISION
EASTERN REGION
VALLEY FORGE, PA 19482

SITE DEVELOPMENT PLAN
VILLAGE OF OWEN BROWN
SECTION-1 AREA-3 PARCEL A-1 PLAT 5978
6TH ELECTION DISTRICT
COLUMBIA, MARYLAND

DRAWN	DRAWING NUMBER	REV.
CHECKED J.C.G.		
SCALE AS NOTED	SHEET NUMBER	
DATE NOV. 77	2 OF 4	

SDP-78-78c

Soil Erosion and Sediment Control Notes

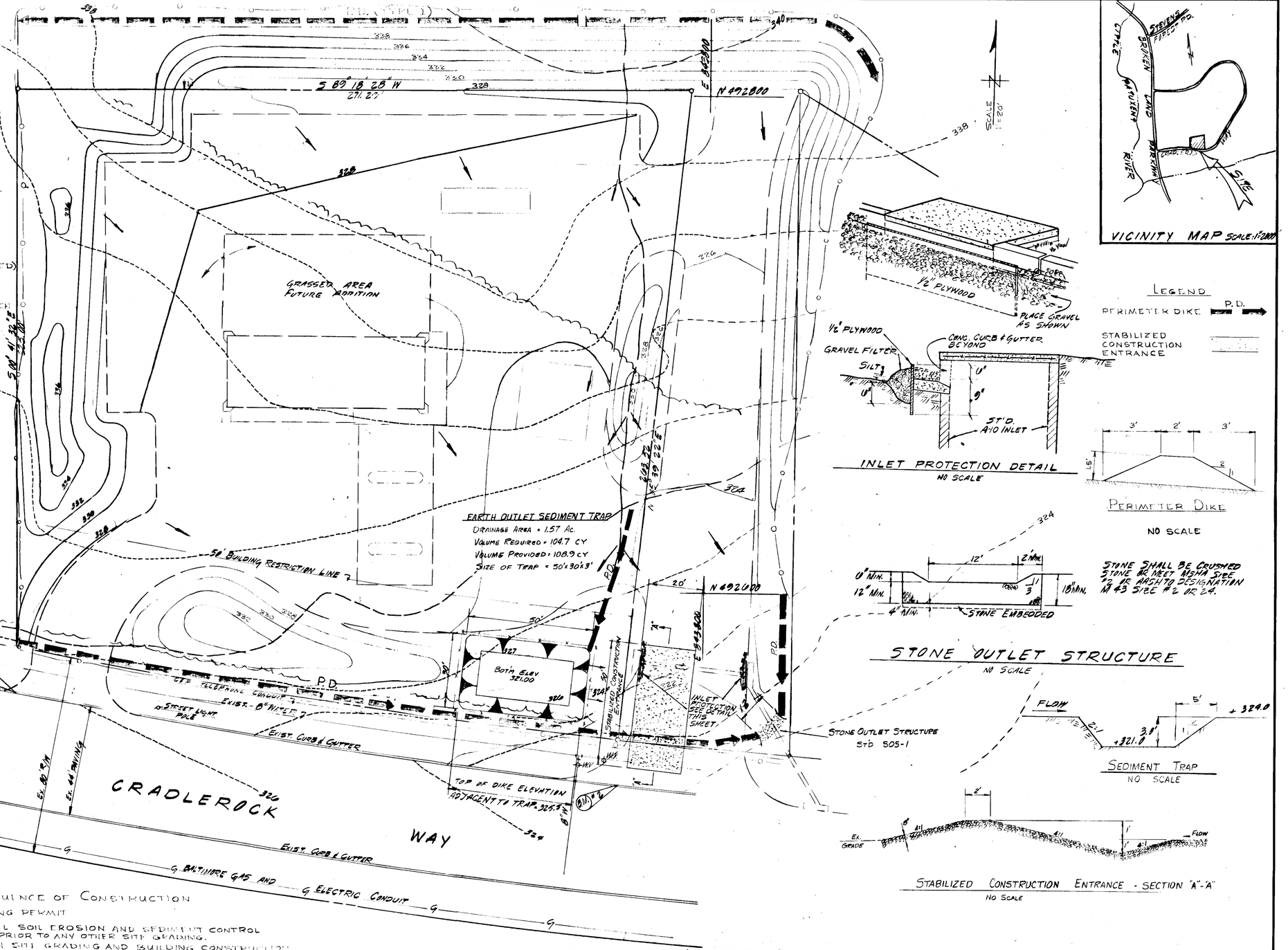
1) ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED PRIOR TO ANY GRADING OF THE SITE.
2) ALL SEDIMENT CONTROL MEASURES ARE TO REMAIN IN PLACE UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE BUREAU OF INSPECTIONS AND PERMITS, PHONE 992-2455.
3) NOTIFY THE HOWARD SOIL CONSERVATION DISTRICT AT LEAST 24 HOURS BEFORE STARTING ANY WORK, PHONE 465-3180.
4) CONTINUED INSPECTION AND MAINTENANCE WILL BE THE RESPONSIBILITY OF THE DEVELOPER.
5) ALL SEDIMENT CONTROL MEASURES SHALL CONFORM TO THE STD'S AND SPEC'S IN "URBANIZING AREAS" AND AS SHOWN AND DETAILED ON THIS PLAN.
6) SEED OR SOD ALL EXPOSED SOIL IN GRASS AREAS WITHIN 72 HRS. OF GRADING TO FINISHED GRADE IN ACCORDANCE WITH H.S.C.D. STANDARDS AND SPECIFICATIONS AND THESE NOTES. LAY BASE COURSE IN PAVED AREAS OR PROTECT WITH BITUMINOUS MULCH OR OTHER METHODS APPROVED BY THE ENGINEER WITHIN 72 HOURS OF FINE GRADING.
7) TEMPORARY SEEDING

GROUND LIMESTONE	- 3500 LBS/AC. WORK INTO TOP 3" OF SOIL
FERTILIZER	- 1300 LBS/AC. 10-10-10
MULCH	- 3000 LBS/AC. STRAW (WHEAT PREFERRED)
SEED	- 40 LBS/AC. RYE GRASS
BINDER	- ASPHALT SPRAY OF MULCH @ RATE OF 1 GAL. PER 1000 SQ. FT.
ALTERNATE	- HYDROSEED FERTILIZER, SEED AND MULCH

8) PERMANENT SEEDING
GROUND LIMESTONE - 2000 LBS./AC. WORK INTO TOP 3" OF SOIL
FERTILIZER - 1300 LBS/AC 10-10-10
SEED - 90% KENTUCKY 31 TALL FESCUE
5% RYE GRASS
5% MERION BLUEGRASS
SEEDING RATE - 150 LBS/Ac.
BINDER - HYDROSEED FERTILIZER, SEED. USE STRAW MULCH WITH ASPHALT BINDER
9) FOR ALL SLOPES STEEPER THAN 3:1 USE CROWN VETCH @ 15 LBS/AC. AND KENTUCKY 31 @ 40LBS/AC.

Sodding Notes

1) APPLY 10-10-10 FERTILIZER @ 1000 LBS/AC. (25LBS/1000 SQ. FT.)
2) APPLY GROUND AGRICULTURAL LIMESTONE @ 2000 LBS/AC. 50LBS/1000 SQ. FT.
3) INCORPORATE BOTH LIME AND FERTILIZER INTO SOIL BY DISCING. TIRM UP AFTER INCORPORATION.
4) LAY SOD TO A TIGHT FIT ROLL TO ENSURE CONTACT WITH UNDER LYING SOIL. WATER AS NECESSARY FOR FIRST TWO WEEKS (IN SUMMER) TO ENSURE ESTABLISHMENT.



VICINITY MAP SCALE: 1" = 2000'

INLET PROTECTION DETAIL
NO SCALE

Legend

PERIMETER DIKE P.D.
STABILIZED CONSTRUCTION ENTRANCE

PERIMETER DIKE
NO SCALE

STONE SHALL BE CRUSHED STONE OR MEET MSHA SIZE #2 OR AASHTO DESIGNATION M 43 SIZE #2 OR 24.

STONE OUTLET STRUCTURE
NO SCALE

SEDIMENT TRAP
NO SCALE

STABILIZED CONSTRUCTION ENTRANCE - SECTION "A"-"A"
No Scale

Sequence of Construction

1) OBTAIN GRADING PERMIT
2) CONSTRUCT ALL SOIL EROSION AND SEDIMENT CONTROL STRUCTURES PRIOR TO ANY OTHER SITE GRADING.
3) PROCEED WITH SITE GRADING AND BUILDING CONSTRUCTION
4) AS VARIOUS AREAS ARE BROUGHT TO FINAL GRADE, PLACE TOP SOIL, SEED/SOD GRASSED AREAS AND PAVE PARKING AREAS, ALL IN CONFORMANCE WITH THESE PLANS AND THE SOIL EROSION AND SEDIMENT CONTROL NOTES.
5) UPON COMPLETION OF FINE GRADING AND STABILIZATION OF SITE, ALL SEDIMENT CONTROL STRUCTURES SHALL BE REMOVED.
6) AT THE END OF TWO DAYS, WHERE AN UNFINISHED STORM DRAIN SHALL BE BLOCKED WITH PLYWOOD OR OTHER APPROVED MATERIAL.

Engineer's Certification

"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

J.C.W. for
SIGNATURE OF ENGINEER — 1-31-78 DATE

Developer's Certification

"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE IN ACCORDANCE WITH THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY. ANY DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT."

Roger P. Lemon
SIGNATURE OF DEVELOPER — 03/31/78 DATE

NOTE: STORM WATER MANAGEMENT FOR THIS SITE IS CONTROLLED BY EXISTING LAKE ELKHORN.

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS

C. Wayne Ray — 5-23-78
SIGNATURE, U.S. SOIL CONSERVATION SERVICE — DATE

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

APPROVED Wm. Ford — 5-24-78
SIGNATURE, HOWARD S.C.D. — DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT.

Joseph Bowers — 6-5-78
COUNTY HEALTH OFFICER — DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

Thomas H. Harris — 6-7-78
PLANNING DIRECTOR — DATE

John W. Mumaham — 6-6-78
CHIEF, DIVISION OF LAND DEVELOPMENT — DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

Richard E. Lauderberger — 6/1/78
DIRECTOR — DATE

W. O. Talbert — 6-1-78
CHIEF, BUREAU OF ENGINEERING — DATE

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NO.	REVISIONS	DATE	BY	CHKD.	MF

APPROVED
PLANNING BOARD OF HOWARD COUNTY
DATE 4-26-78

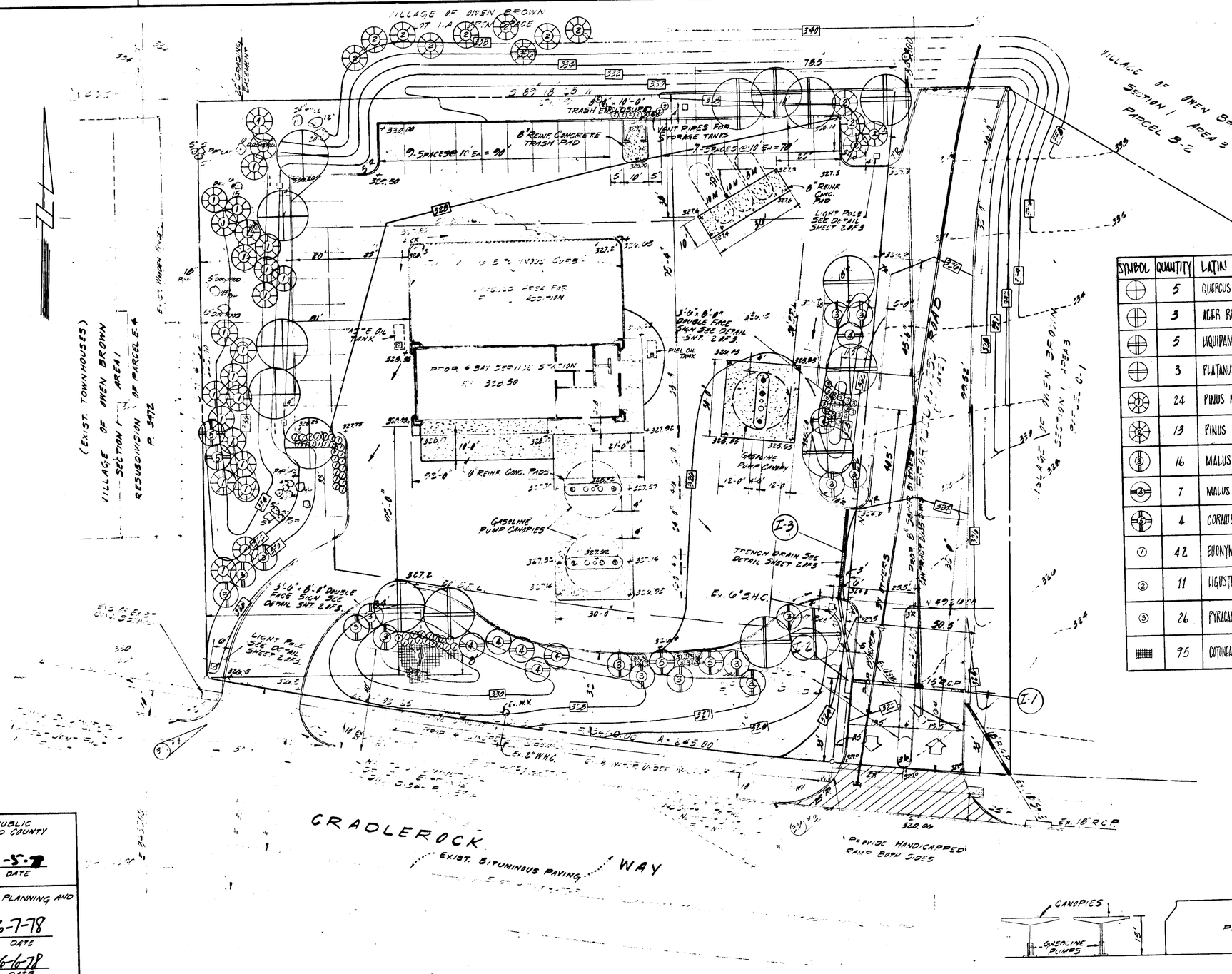
Mobil Oil Corporation
NORTH AMERICAN DIVISION
EASTERN REGION
VALLEY FORGE, PA 19482

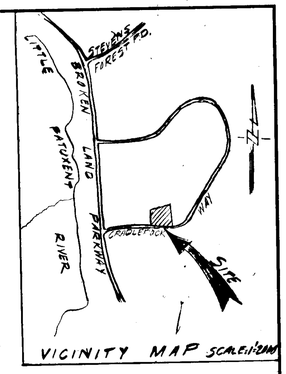
S. & E. C. IN AND SEDIMENT CONTROL
VILLAGE OF OWEN BROWN
SECTION 1 AREA 3 PARCEL A-1 PLAT 3718
6TH ELECTION DISTRICT
COLUMBIA, MARYLAND

MACRIS - FOWLER ASSOCIATES
CIVIL-STRUCTURAL ENGINEERS; SURVEYORS; PLANNERS
27 W. JEFFERSON ST. ROCKVILLE, MD. 20850
(301) 340-8705 (301) 762-3858

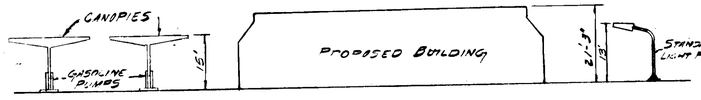
DRAWN D.G. | CHECKED J.C.G. | SCALE 1" = 20' | DATE NOV 77
DRAWING NUMBER | REV.
SHEET NUMBER 3 OF 4

SDP-78-78c





SYMBOL	QUANTITY	LATIN NAME	COMMON NAME	REMARKS
⊕	5	QUERCUS PALUSTRIS	PIN OAK	2¾"-3" MIN CALIP., 12'-14' MIN HIGH, FULL HEADS, B/B, WRAPPED TRUNK
⊕	3	ACER RUBRUM	RED MAPLE	2½"-3" MIN. C. AL., 12'-14' MIN HIGH, FULL HEADS, B/B, WRAPPED TRUNK
⊕	5	LIQUIDAMBAR STYRACIFLUS	SWEET GUM	2½"-3" MIN CAL 12'-14' MIN HIGH, FULL HEAD, B/B WRAPPED
⊕	3	PLATANUS ORIENTALIS	LONDON PLANETREE	2½"-3" MIN. CAL, 12'-14' MIN HIGH, FULL HEAD, B/B, WRAPPED TRUNK
⊕	24	PINUS NIGRA	AUSTRIAN PINE	2½" MIN. CAL, 6'-8' MIN. HIGH, WELL BRANCHED, B/B
⊕	13	PINUS STROBUS	WHITE PINE	2½" MIN. CAL., 6'-8' MIN. HIGH, WELL BRANCHED, B/B
⊕	16	MALUS ARNOLDIANA	ARNOLD CRABAPPLE	2½" MIN. CAL, 8'-10' MIN. HIGH, WELL BRANCHED, B/B WRAPPED TRUNK
⊕	7	MALUS VAR. SNOWCLOUD	SNOWCLOUD CRABAPPLE	2½" MIN. CAL, 8'-10' MIN. HIGH, WELL BRANCHED, B/B, WRAPPED TRUNK
⊕	4	CORNUS FLORIDA	FLOWERING DOGWOOD	2½" MIN. CAL, 8'-10' MIN. HIGH, WELL BRANCHED, B/B WRAPPED TRUNK
①	42	EUONYMUS ALATUS COMPACTUS	DWARF WINGED EUONYMUS	24"-30", B/B OR POTTED, WELL BRANCHED, COMPACT, 3' O.C.
②	11	LIGUSTRUM LUCIDUM	WAXLEAF PRIVET	36"-48", B/B, WELL BRANCHED, 3' O. C.
③	26	PYRACANTHA COCCINEA LOWBOY	PYRACAN	24"-30", B/B OR POTTED 3' O.C.
▦	95	COTONEASTER RAMMERI SCOUSHOMEN	COTONEASTER	18"-24", POTTED, 2' O.C.



BUILDING PROFILE
SCALE: 1"=20'

LANDSCAPE PLAN
SCALE: 1"=20'

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT.
COUNTY HEALTH OFFICER — DATE 6-5-78

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
PLANNING DIRECTOR — DATE 6-7-78
CHIEF DIVISION OF LAND DEVELOPMENT — DATE 6-6-78

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
DIRECTOR — DATE 6/1/78
CHIEF BUREAU OF ENGINEERING — DATE 6-1-78

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STATE OF MARYLAND — DONALD L. MACRIS — No. 4049 — REGISTERED PROFESSIONAL ENGINEER

TOPOGRAPHIC SURVEY WAS FURNISHED BY MOBIL OIL CORPORATION

land plan associates
landscape architects urban planners
(301) 997 0810
SUITE 719, AMERICAN CITY BLDG., COLUMBIA, MD 21044

MACRIS - FOWLER ASSOCIATES
CIVIL - STRUCTURAL ENGINEERS; SURVEYORS; PLANNERS
27 W. JEFFERSON ST. ROCKVILLE, MD. 20850
(301) 340-8705 (301) 762-3858

SHEET TOTAL 1 OF 1

NO.	REVISIONS	DATE	BY	CHKD.	MF

APPROVED
PLANNING BOARD OF HOWARD COUNTY
DATE 4-26-78

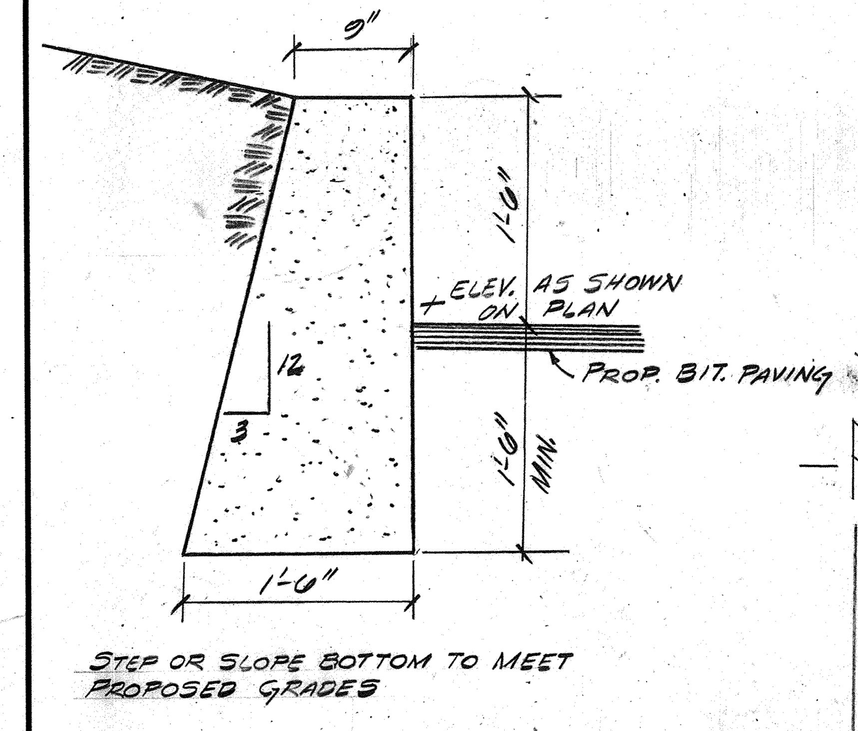
Mobil Oil Corporation
NORTH AMERICAN DIVISION
EASTERN REGION
VALLEY FORGE, PA 19482

SITE DEVELOPMENT PLAN
VILLAGE OF OWEN BROWN
SECTION-1 AREA 3 PARCELS A-1, B-2 PLAT 3718
6TH ELECTION DISTRICT
COLUMBIA MARYLAND

DRAWN —
CHECKED —
SCALE 1"=20'
DATE NOV. 77
DRAWING NUMBER —
REV.
SHEET NUMBER 4 OF 4

SDP-78-78c

8"= FULL SCALE



WALL DETAIL
SCALE: 1"=1'-0"

6-10-04 - ADDED 1½" WATER HOUSE CONNECTION / SERVICE TO SITE.

FOR REDLINE REVISION #3 PREPARED BY BOHLER ENGINEERING, P.C.

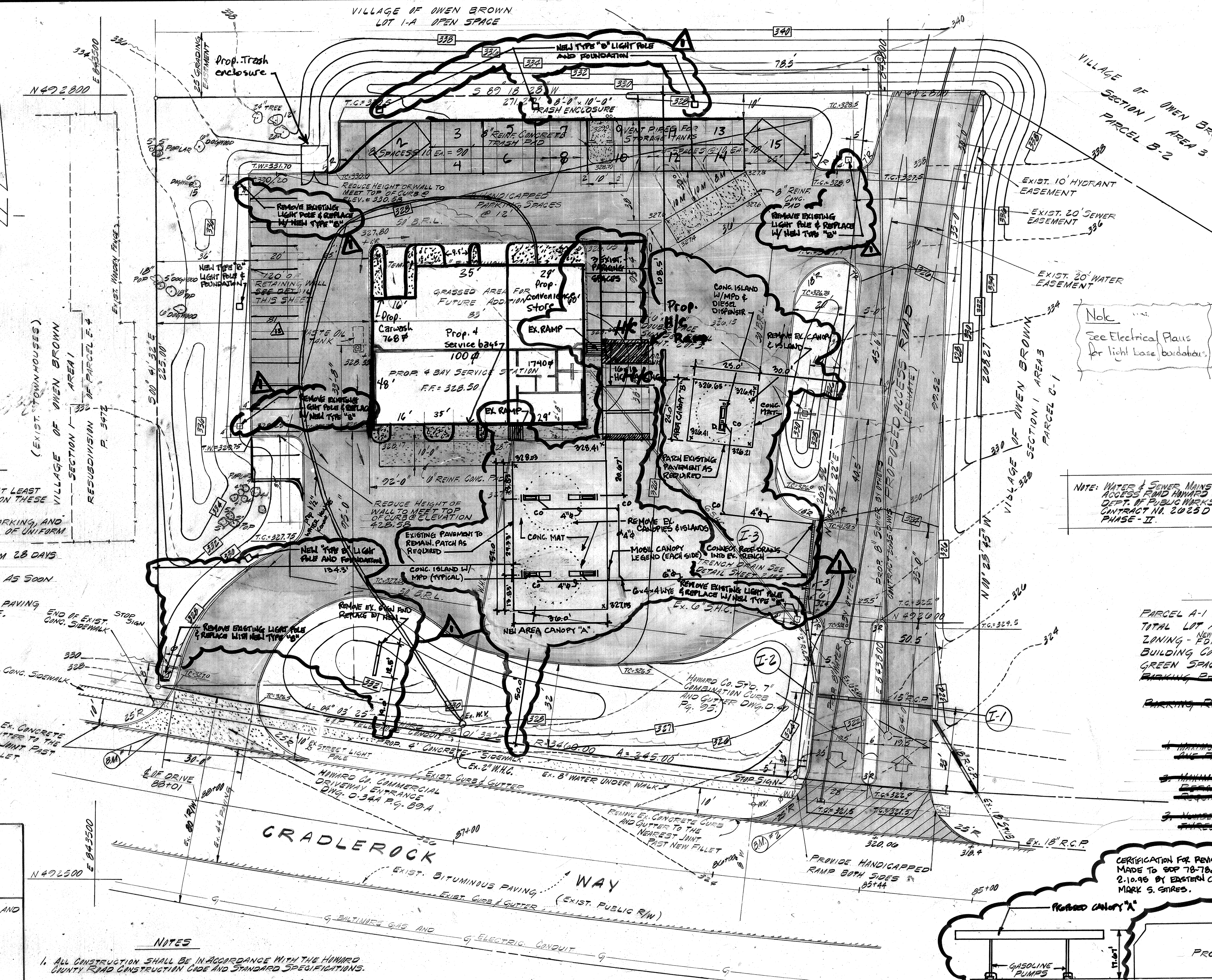
GENERAL NOTES

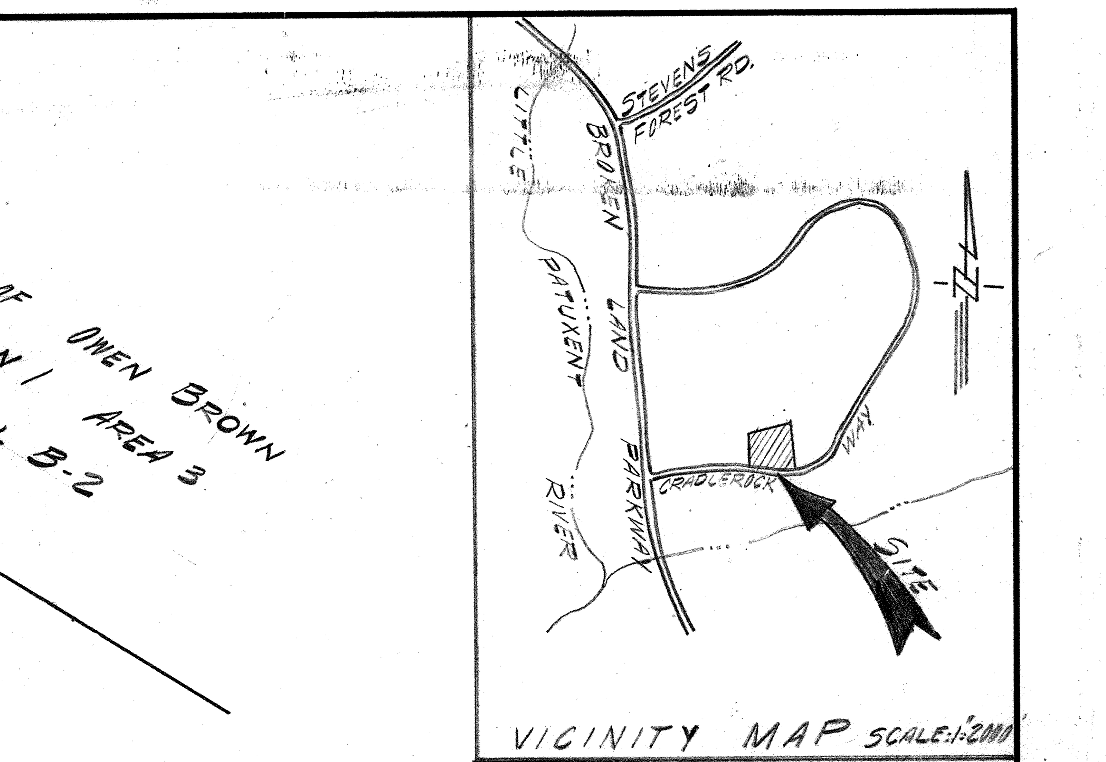
1. CONTRACTOR TO NOTIFY THE UTILITY COMPANIES AT LEAST THREE (3) DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS.
2. INSTALLATION OF TRAFFIC CONTROL DEVICES, MARKING, AND SIGNING SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES 1971 EDITION.
3. ALL REINFORCED CONCRETE SHALL HAVE A MINIMUM 28 DAYS STRENGTH OF 3500 PSI.
4. ALL DISTURBED SLOPE AREA TO BE STABILIZED AS SOON AS GRADING IS COMPLETED.
5. ANY DAMAGE TO PUBLIC RIGHT-OF-WAYS OR PAVING WILL BE CORRECTED AT THE DEVELOPER'S EXPENSE.

Parking Required:

A. Gasoline Service Station with service bays and a carwash = 4 spaces
B. Three (3) spaces per service bay = 12 spaces
C. Two (2) spaces per 1,000 sf of retail floor area = 4 spaces
Total Required: Twenty (20) spaces

Parking Provided:
Twenty (20) spaces including two (2) Handicap spaces





VICINITY MAP SCALE: 1"=2000'

Note
See Electrical Plans for light base foundations

NOTE: WATER & SEWER MAINS IN ACCESS ROAD HOWARD CO. DEPT. OF PUBLIC WORKS CONTRACT NO. 2025D PHASE-II.

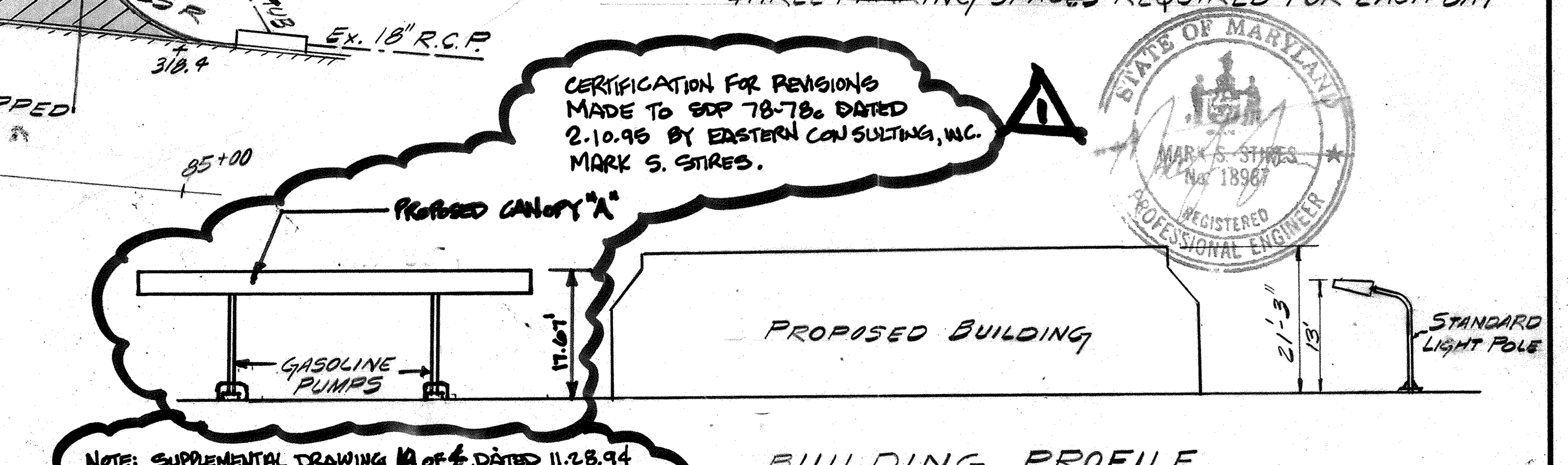
LEGEND

326	EXISTING CONTOURS
330	PROPOSED CONTOURS
	PROP. BITUMINOUS PAVING
	PROP. BITUMINOUS APRON
	PROP. CONCRETE PAVING
	PROP. CONCRETE CURB
	PROP. BITUMINOUS CURB
	PROP. 4" CONC. WALK HOWARD CO. STD. D-14 Pg. 09

SITE ANALYSIS

PARCEL A-1 SECT. 1 AREA 3 VILLAGE OF OWEN BROWN PLAT 3718 Tax Map 36
TOTAL LOT AREA - 1.449 Ac.
ZONING - NEW TOWN, EMPLOYMENT CENTER - COMMERICAL FDP 150-A, SEE PLANNING BOARD CASE NO. 111
BUILDING COVERAGE - ~~2364 sf~~ 4,608 sf
GREEN SPACE - ~~23,450 sf or 37%~~ 20,030 sf or 31.7%
~~PARKING PROVIDED - 25 SPACES @ 10'x20' EACH 2 SPACES FOR HANDICAPPED @ 12'x20'~~
~~PARKING REQUIRED - SEE SECTION 133 D.3 OF THE HOWARD CO. 1977 ZONING REG.~~
~~1. MAXIMUM NUMBER OF EMPLOYEES TO BE ON SITE. ONE PARKING SPACE REQUIRED FOR EACH EMPLOYEE.~~
~~2. MAXIMUM NUMBER OF ACCESSORY VEHICLES (TOW AND REPAIR VEHICLES) ONE PARKING SPACE REQUIRED FOR EACH ACCESSORY VEHICLE.~~
~~3. NUMBER OF SERVICE BAYS. THREE PARKING SPACES REQUIRED FOR EACH BAY~~

CERTIFICATION FOR REVISIONS MADE TO SDP 78-78c DATED 2.10.95 BY EASTERN CONSULTING, INC. MARK S. STIRES.



NOTE: SUPPLEMENTAL DRAWING 1A of 4, DATED 11.28.94 BY EASTERN CONSULTING IS NOT PART OF ORIGINAL SDP 78-78c.

BUILDING PROFILE
SCALE: 1"=20'

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT.	
COUNTY HEALTH OFFICER	6-5-78 DATE
APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING.	
PLANNING DIRECTOR	6-7-78 DATE
CHIEF DIVISION OF LAND DEVELOPMENT	6-6-78 DATE
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.	
Richard E. Freudenberger DIRECTOR	6/1/78 DATE
CHIEF BUREAU OF ENGINEERING	6-1-78 DATE

NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
2. STORM WATER MANAGEMENT FOR THIS SITE IS CONTROLLED BY EXISTING LAKE ELKHORN.
3. PROPOSED BUILDING TO BE CONSTRUCTED ON PARCEL A-1 PROPOSED PRIVATE DRIVE TO BE CONSTRUCTED ON PARCEL B-2 PROPOSED TEMPORARY SEDIMENT TRAP TO BE CONSTRUCTED ON PARCEL C-1, SEE PROPERTY OUTLINE, SHEET 2 OF 3.
4. EXISTING TREES SHOWN TO REMAIN.
5. FOR BITUMINOUS PAVING SECTIONS SEE SHEET 2 OF 3.
6. ALL EXTERIOR LIGHTING TO BE DIRECTED INWARD.

PLAN
SCALE: 1"=20'

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N41043

BENCH MARK SCHEDULE

B.M. #1 X CUT ON CONCRETE CURB ELEV. = 326.65
B.M. #2 X CUT ON CONCRETE CURB ELEV. = 321.08

For redline revision No. 2
Prepared by Bohler Engineering, P.C.

TOPOGRAPHIC SURVEY WAS FURNISHED BY MOBIL OIL CORPORATION

OWNER: HOWARD RESEARCH AND DEVELOPMENT CORP.

CONTRACT PURCHASER/DEVELOPER:
MOBIL OIL CORPORATION
NORTH AMERICAN DIVISION
EASTERN REGION P.O. BOX 839
VALLEY FORGE, PA. 19482

MACRIS - FOWLER ASSOCIATES
CIVIL - STRUCTURAL ENGINEERS; SURVEYORS, PLANNERS
27 W. JEFFERSON ST. ROCKVILLE, MD. 20850
(301) 340-8705 (301) 762-3858

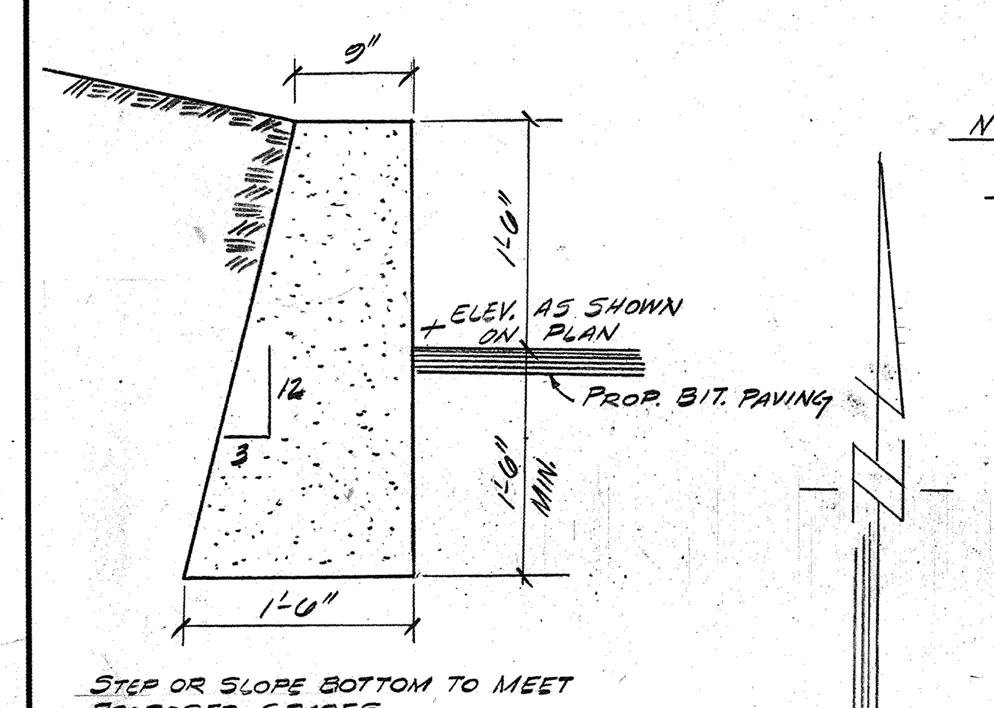
NO.	REVISIONS	DATE	BY	CHKD.	MF
1	REMOVE EX. CANOPIES AND REPLACE W/ NEW. REPLACE CONC. ISLANDS, LIGHTS.	2.10.95	BJ	MSS	
	APPROVED PLANNING BOARD OF HOWARD COUNTY DATE 4-26-78				
2	Expand existing building and reconstruct parking area to provide the required parking	11/03	AJV	MG	

Mobil Oil Corporation
NORTH AMERICAN DIVISION
EASTERN REGION
VALLEY FORGE, PA 19482

SITE DEVELOPMENT PLAN
VILLAGE OF OWEN BROWN
SECTION-1 AREA-3 PARCEL A-1 PLAT 3718
6TH ELECTION DISTRICT
COLUMBIA, MARYLAND

DRAWN D.C.	DRAWING NUMBER		REV.
CHECKED J.C.G.			1
SCALE 1"=20'	SHEET NUMBER		
DATE NOV. 77	1 of 4		

SDP-78-78c

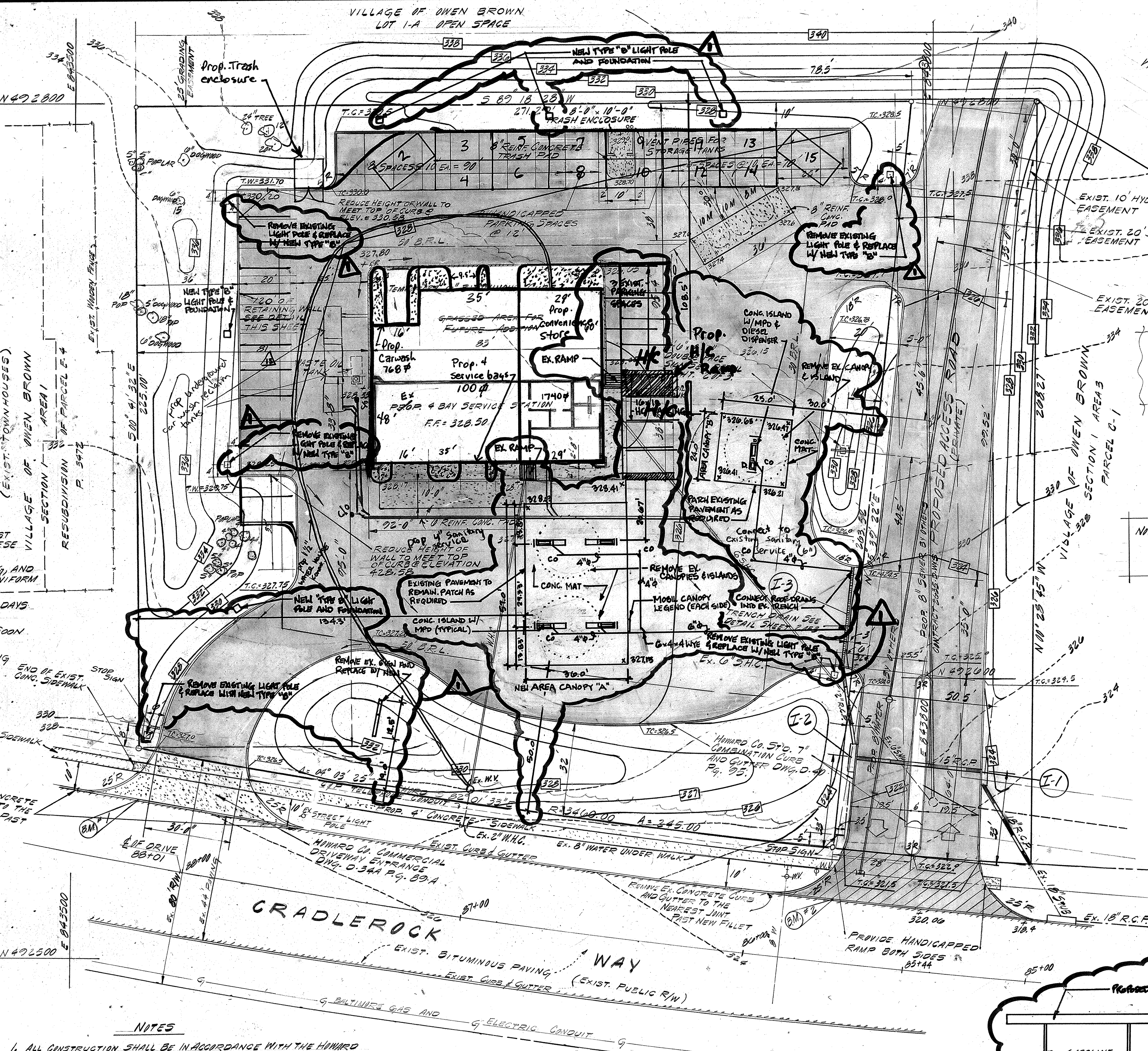


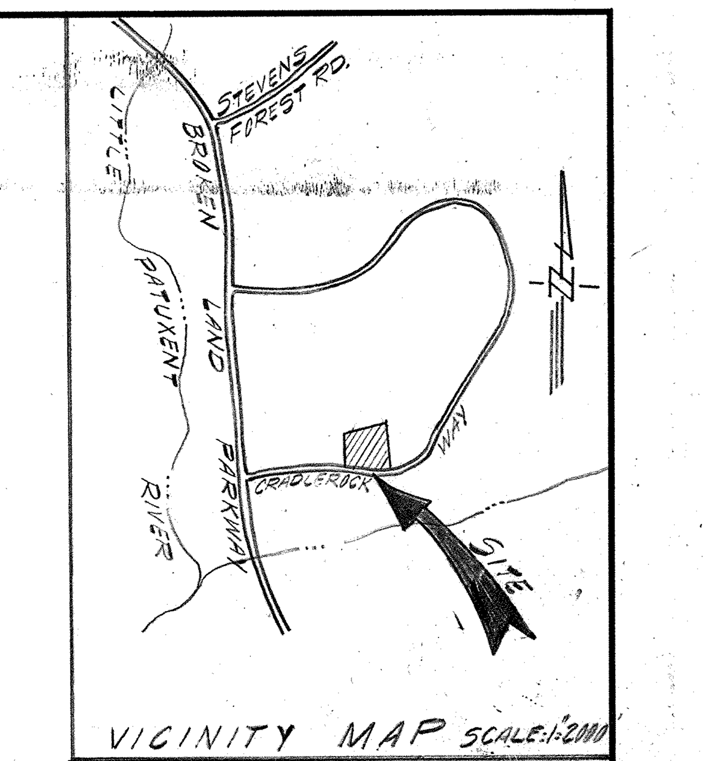
WALL DETAIL

SCALE: 1" = 1'-0"

6-10-04 - ADDED 1½" WATER HOUSE CONNECTION / SERVICE TO SITE.

FOR REDLINE REVISION #3 PREPARED BY BOHLER ENGINEERING, P.C.





7-15-04 Added carwash reclaim tanks, 4" sanitary service across the building. Rev #4

Note: See Electrical Plans for light base foundations

NOTE: WATER & SEWER MAINS IN ACCESS ROAD HOWARD CO. DEPT. OF PUBLIC WORKS CONTRACT NO. 2025D PHASE - II.

LEGEND

- 326 — EXISTING CONTOURS
- 330 — PROPOSED CONTOURS
- PROP. BITUMINOUS PAVING
- PROP. BITUMINOUS APRON
- PROP. CONCRETE PAVING
- PROP. CONCRETE CURB
- PROP. BITUMINOUS CURB
- PROP. 4" CONC. WALK HOWARD CO. STD. D-14 PG. 09

GENERAL NOTES

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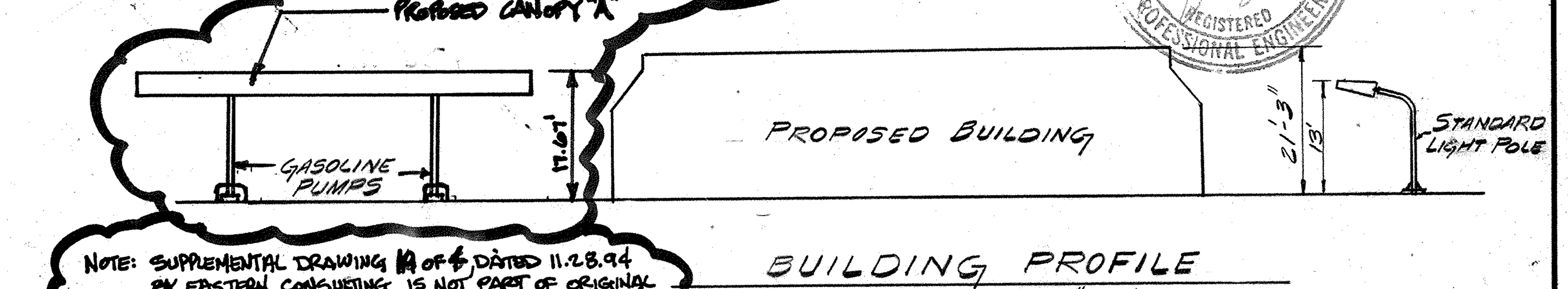
SITE ANALYSIS

PARCEL A-1 SECT. 1 AREA 3 VILLAGE OF OWEN BROWN PLAT 3718 Tax Map 36
TOTAL LOT AREA - 1.449 AC.
ZONING - NEW TOWN, EMPLOYMENT CENTER - COMMERICAL FDP 150-A, SEE PLANNING BOARD CASE NO. 111
BUILDING COVERAGE - ~~2364 ⌀~~ 4,608 ⌀
GREEN SPACE - ~~23,454 ⌀ or 37%~~ 20,030 ⌀ or 31.7%
~~PARKING PROVIDED - 25 SPACES @ 10'x20' EACH~~
~~2 SPACES FOR HANDICAPPED @ 12'x20'~~
~~PARKING REQUIRED SEE SECTION 133 D.8 OF THE HOWARD CO. 1977 ZONING REG.~~
~~1. MAXIMUM NUMBER OF EMPLOYEES TO BE ON SITE. ONE PARKING SPACE REQUIRED FOR EACH EMPLOYEE.~~
~~2. MAXIMUM NUMBER OF ACCESSORY VEHICLES (FOR AND REPAIR VEHICLES) ON SITE. ONE PARKING SPACE REQUIRED FOR EACH ACCESSORY VEHICLE.~~
~~3. NUMBER OF SERVICE BAYS. THREE PARKING SPACES REQUIRED FOR EACH BAY~~

CERTIFICATION FOR REVISIONS MADE TO SDP 78-78c DATED 2.10.95 BY EASTERN CONSULTING, INC. MARK S. STIRES.



NOTE: SUPPLEMENTAL DRAWING 1A of 4 DATED 11.28.94 BY EASTERN CONSULTING IS NOT PART OF ORIGINAL SDP 78-78c.

BUILDING PROFILE

SCALE: 1" = 20'

APPROVAL	SIGNATURE	DATE
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT.	Joycelin Brookins, COUNTY HEALTH OFFICER	6-5-78
APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING.	Thomas G. Harris Jr., PLANNING DIRECTOR	6-7-78
	John W. Musselman, CHIEF DIVISION OF LAND DEVELOPMENT	6-6-78
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.	Richard E. Freudenberger, DIRECTOR	6/1/78
	W O Talbert, CHIEF BUREAU OF ENGINEERING	6-1-78

6" = FULL SCALE

NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
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4. ~~EXISTING TREES SHOWN TO REMAIN.~~
5. FOR BITUMINOUS PAVING SECTIONS SEE SHEET 2 OF 3.
6. ALL EXTERIOR LIGHTING TO BE DIRECTED INWARD.

PLAN

SCALE: 1" = 20'

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N41043

BENCH MARK SCHEDULE

B.M. #1 X CUT ON CONCRETE CURB ELEV. = 326.05
B.M. #2 X CUT ON CONCRETE CURB ELEV. = 321.08

For redline revision No. 2
Prepared by Bohler Engineering, P.C.

TOPOGRAPHIC SURVEY WAS FURNISHED BY MOBIL OIL CORPORATION

OWNER: HOWARD RESEARCH AND DEVELOPMENT CORP.

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MOBIL OIL CORPORATION
NORTH AMERICAN DIVISION
EASTERN REGION P.O. BOX 839
VALLEY FORGE, PA. 19482

MACRIS - FOWLER
ASSOCIATES
CIVIL - STRUCTURAL ENGINEERS; SURVEYORS, PLANNERS
27 W. JEFFERSON ST. ROCKVILLE, MD. 20850
(301) 340-8705 (301) 762-3858

NO.	REVISIONS	DATE	BY	CHKD.	MF
1	REMOVE EX. CANOPIES AND REPLACE W/ NEW. REPLACE CONC. ISLANDS, LIGHTS.	2.10.95	BJ	MGS	
	APPROVED PLANNING BOARD OF HOWARD COUNTY DATE 4-26-78				
3	Expand existing building and reconstruct parking area to provide the required parking	11/03	AJV	MG	

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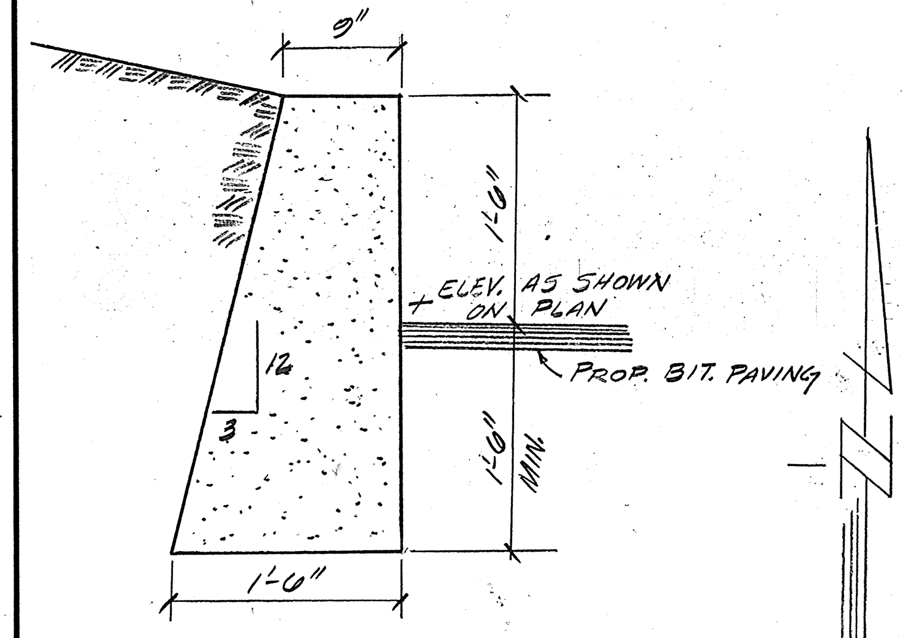
SITE DEVELOPMENT PLAN
VILLAGE OF OWEN BROWN
SECTION-1 AREA-3 PARCEL A-1 PLAT 3718
6TH ELECTION DISTRICT
COLUMBIA, MARYLAND

DRAWN	D.C.	DRAWING NUMBER	REV.
CHECKED	J.C.G.		1
SCALE	1" = 20'	SHEET NUMBER	
DATE	NOV. 77	1 OF 4	

SDP-78-78c



STEP OR SLOPE BOTTOM TO MEET PROPOSED GRADES

WALL DETAIL

SCALE: 1"=1'-0"

6-10-04
- ADDED 1 1/2" WATER HOUSE CONNECTION / SERVICE TO SITE.

FOR REDLINE REVISION #3 PREPARED BY BOHLER ENGINEERING, P.C.

GENERAL NOTES

1. CONTRACTOR TO NOTIFY THE UTILITY COMPANIES AT LEAST THREE (3) DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS.
2. INSTALLATION OF TRAFFIC CONTROL DEVICES, MARKING, AND SIGNING SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES 1971 EDITION.
3. ALL REINFORCED CONCRETE SHALL HAVE A MINIMUM 28 DAYS STRENGTH OF 3500 PSI.
4. ALL DISTURBED SLOPE AREA TO BE STABILIZED AS SOON AS GRADING IS COMPLETED.
5. ANY DAMAGE TO PUBLIC RIGHT-OF-WAYS OR PAVING WILL BE CORRECTED AT THE DEVELOPER'S EXPENSE.

Parking Required: 5

A. Gasoline Service Station with service bays =3 Spaces

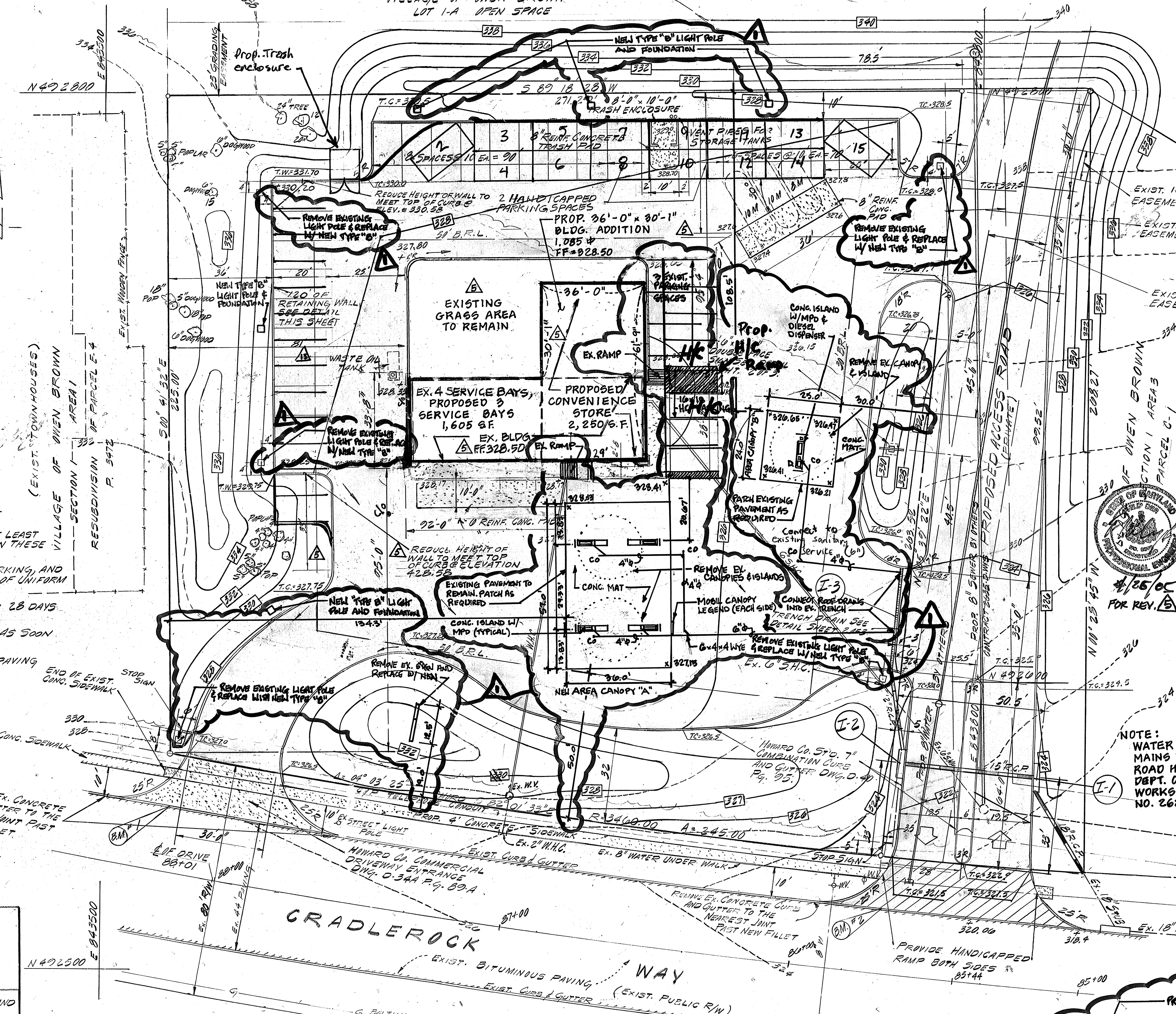
B. Three (3) spaces per service bay = 9 spaces

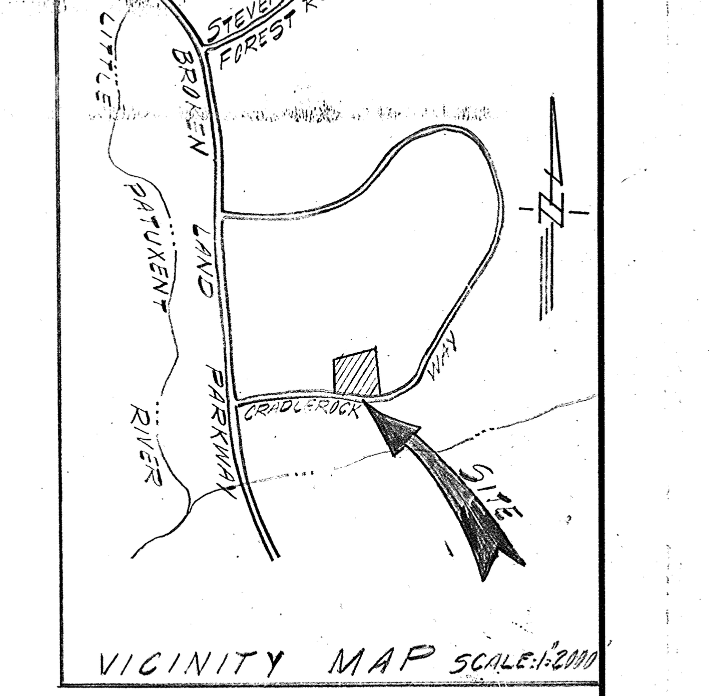
C. Two (2) spaces per 1,000 sf of Convenience Store floor area = 4.5 spaces ≈ 5 Spaces

Total Required: Seventeen (17)

Parking Provided:

Twenty (20) spaces including two (2) Handicap spaces





VICINITY MAP SCALE: 1"=2000'

7-15-04
Added carwash reclaim tanks, 4" sanitary service across the building. Rev #4

Note
See Electrical Plans for light base foundations.

REVISION 5 4/4/05

1) REVISED BLDG. ADDITION. REMOVED CAR WASH BLDG AND RECONFIGURED EX. BLDG.
2) SHOW GRASS AREA TO REMAIN. REMOVE FUTURE UTILITIES.
3) REVISED SITE ANALYSIS AND PARKING CALCULATION.
4) ALL SITE IMPROVEMENTS EXIST UNLESS NOTED.
5) THIS PLAN REDUCES BUILDING COVERAGE ON SITE.

BY: WHITNEY, BAILEY, COX & MAGNANI, LLC
849 FAIRMOUNT AVE. SUIT 100
BALTIMORE, MD. 21086
(410) 512-4500

4/25/05 FOR REV. 5

LEGEND

326 (dashed)	EXISTING CONTOURS
330 (solid)	PROPOSED CONTOURS
	PROP. BITUMINOUS PAVING
	PROP. BITUMINOUS APRON
	PROP. CONCRETE PAVING
	PROP. CONCRETE CURB
	PROP. BITUMINOUS CURB
	PROP. 4" CONC. WALK HOWARD CO. STD. D-14 PG. 09

SITE ANALYSIS

PARCEL A-1 SECT. 1 AREA 3 VILLAGE OF OWEN BROWN PLAT 3718 TAX MAP 36

TOTAL LOT AREA - 1.449 AC.

ZONING - NEW TOWN, EMPLOYMENT CENTER - COMMERICAL FDP 150-A, SEE PLANNING BOARD CASE NO. 111

BUILDING COVERAGE - ~~2364~~ 3,855 SF 5

GREEN SPACE - ~~[illegible]~~ 22,365 SF OR 35.4 %

~~PARKING PROVIDED - 25 SPACES @ 10'x20' EACH~~
~~2 SPACES FOR HANDICAPPED @ 13'x20'~~

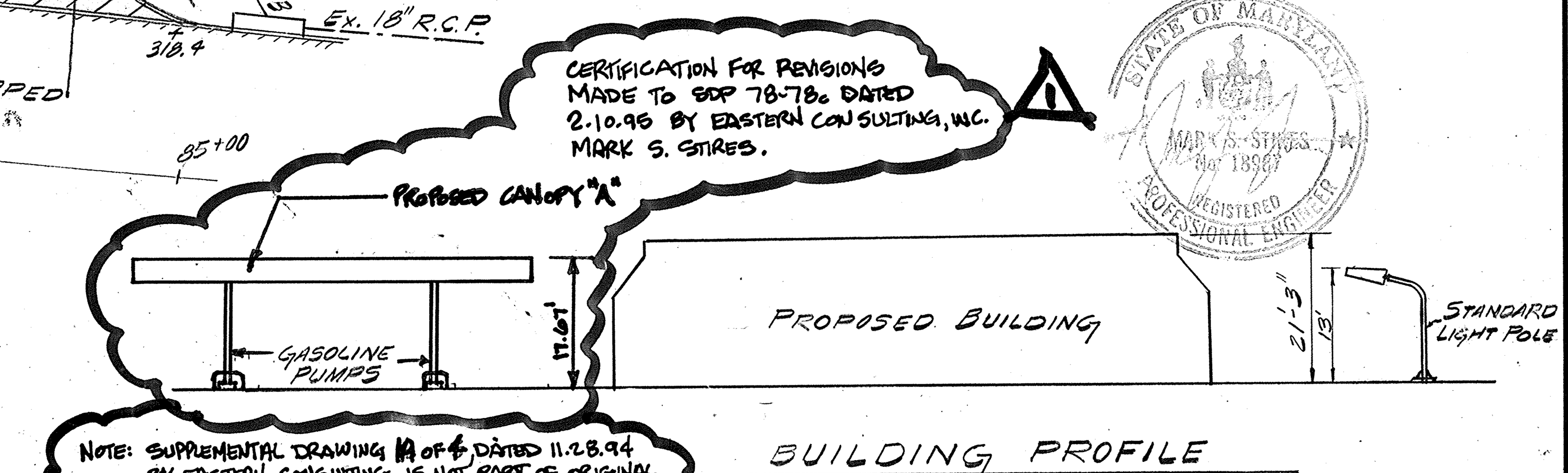
~~PARKING REQUIRED - SEE SECTION 133 D.3 OF THE HOWARD CO. 1977 ZONING REG.~~

~~1. MAXIMUM NUMBER OF EMPLOYEES TO BE ON SITE: ONE PARKING SPACE REQUIRED FOR EACH EMPLOYEE.~~

~~2. MAXIMUM NUMBER OF ACCESSORY VEHICLES (TOW AND REPAIR VEHICLES) ON SITE. ONE PARKING SPACE REQUIRED FOR EACH ACCESSORY VEHICLE.~~

~~3. NUMBER OF SERVICE BAYS: THREE PARKING SPACES REQUIRED FOR EACH BAY~~

CERTIFICATION FOR REVISIONS MADE TO SDP 78-78c DATED 2.10.95 BY EASTERN CONSULTING, INC. MARK S. STIRES. 1



NOTE: SUPPLEMENTAL DRAWING 1 OF 4, DATED 11.28.94 BY EASTERN CONSULTING IS NOT PART OF ORIGINAL SDP 78-78c.

BUILDING PROFILE

SCALE: 1"=20'

PLAN

SCALE: 1"=20'

NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
2. STORM WATER MANAGEMENT FOR THIS SITE IS CONTROLLED BY EXISTING LAKE ELKHORN.
3. PROPOSED BUILDING TO BE CONSTRUCTED ON PARCEL A-1 PROPOSED PRIVATE DRIVE TO BE CONSTRUCTED ON PARCEL B-2 PROPOSED TEMPORARY SEDIMENT TRAP TO BE CONSTRUCTED ON PARCEL C-1, SEE PROPERTY OUTLINE, SHEET 2 OF 3.
4. ~~EXISTING TREES SHOWN TO REMAIN.~~
5. FOR BITUMINOUS PAVING SECTIONS SEE SHEET 2 OF 3.
6. ALL EXTERIOR LIGHTING TO BE DIRECTED INWARD.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT.
[signature] 6-5-78
COUNTY HEALTH OFFICER — DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING.
[signature] 6-7-78
PLANNING DIRECTOR — DATE
[signature] 6-6-78
CHIEF DIVISION OF LAND DEVELOPMENT — DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
Richard E. Freudenberger 6/1/78
DIRECTOR — DATE
W O Talbert 6-1-78
CHIEF BUREAU OF ENGINEERING — DATE

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N41043

BENCH MARK SCHEDULE

B.M. #1 X CUT ON CONCRETE CURB ELEV. = 320.65

B.M. #2 X CUT ON CONCRETE CURB ELEV. = 321.08

For redline revision No. 2
Prepared by Bohler Engineering, P.C.

TOPOGRAPHIC SURVEY WAS FURNISHED BY MOBIL OIL CORPORATION

OWNER: HOWARD RESEARCH AND DEVELOPMENT CORP.

CONTRACT PURCHASER / DEVELOPER:
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6" = FULL SCALE