

DEVELOPER:

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

SIGNATURE OF DEVELOPER: *Ferdinand P. Kelly* DATE: 3/15/74

ENGINEER:

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 HOWARD SOIL CONSERVATION DISTRICT.

SIGNATURE OF ENGINEER: *John M. Nelson* DATE: 3-20-74

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

SIGNATURE US SOIL CONSERVATION SERVICE: *John M. Nelson* DATE: 3-20-74

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

APPROVED: *Robert Ziehm* DATE: 3-20-74
HOWARD SOIL CONSERVATION DISTRICT

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT. DATE: 3/28/74

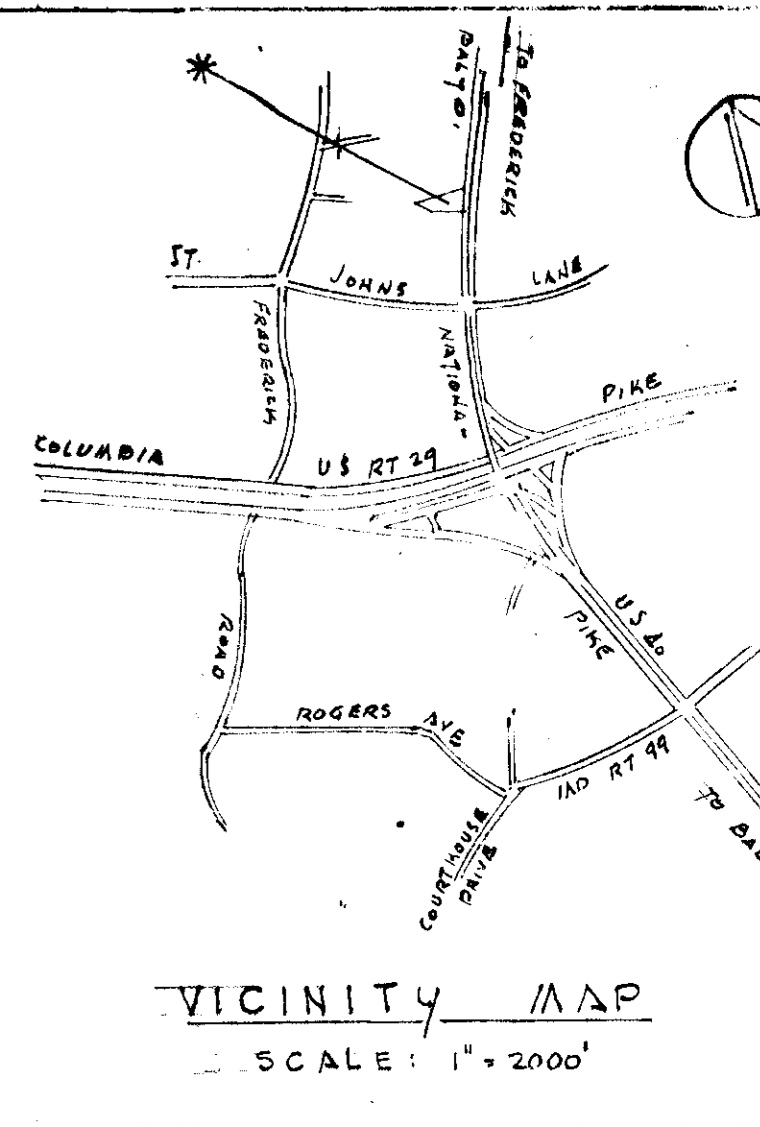
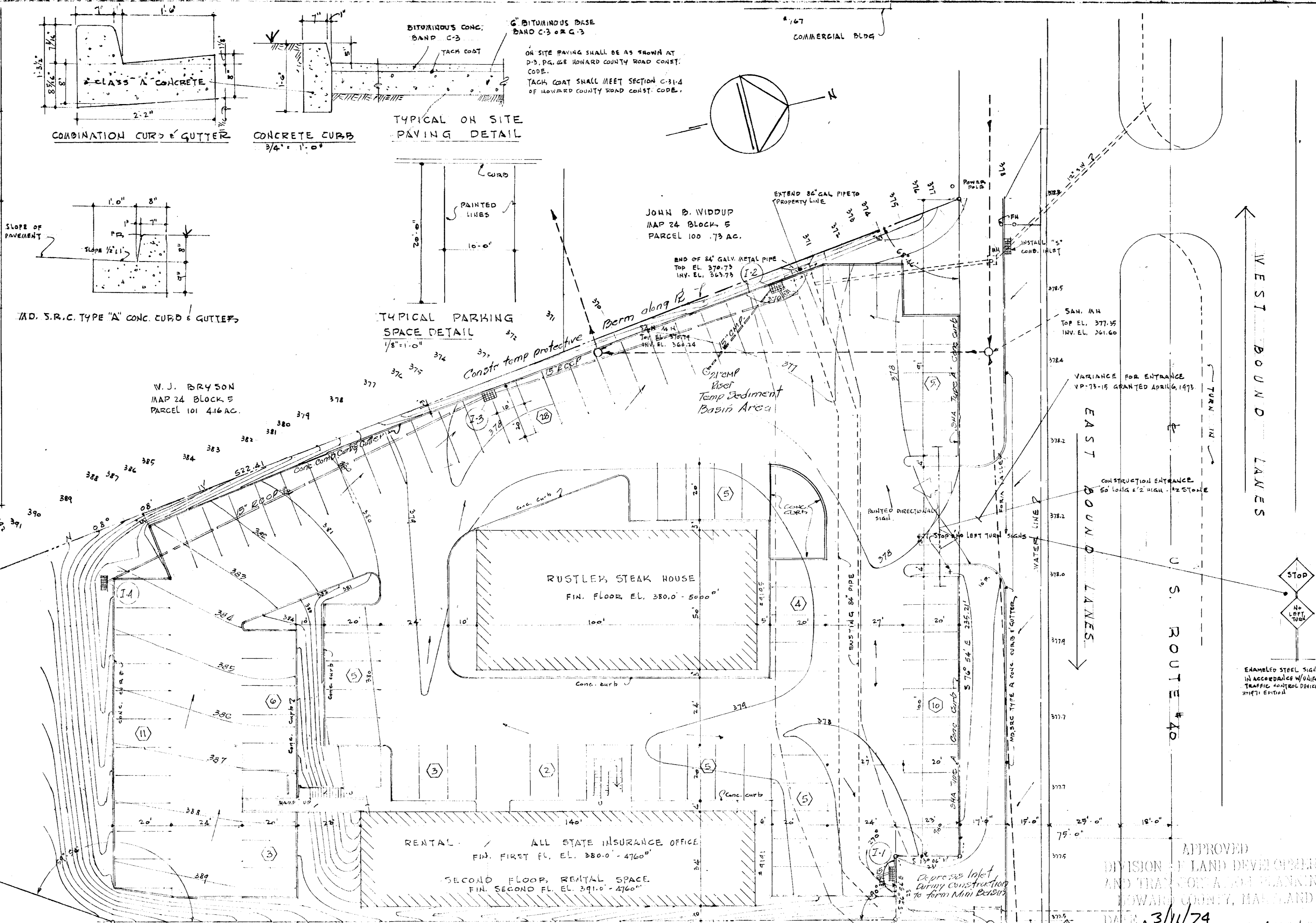
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING. DATE: 3-29-74

APPROVED: *John M. Nelson* DATE: 3/29/74
DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING

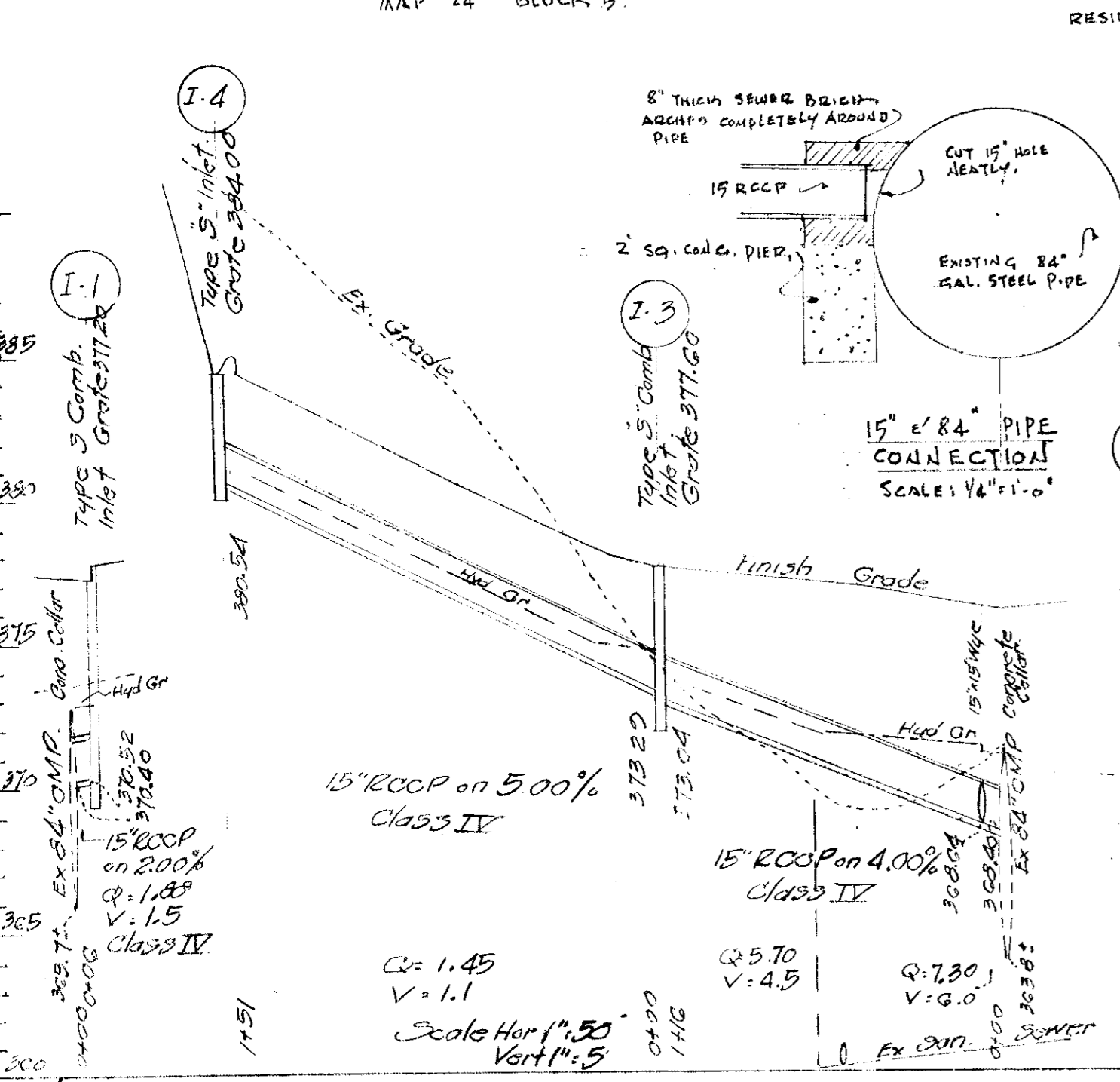
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS. DATE: 3/27/74

SIGNATURE: *G. M. McLeod* DATE: 3/26/74
CHIEF, BUREAU OF HIGHWAYS

"THE LOTS OR PARCELS SHOWN ON THIS PLAN ARE SUBJECT TO THE SUPPLEMENTAL SEVER, IN-AID-OF-CONSTRUCTION CHARGES CREATED BY SECTION 20.311 A OF THE HOWARD COUNTY CODE AND TO EXECUTIVE ORDER, NO. 72-9"



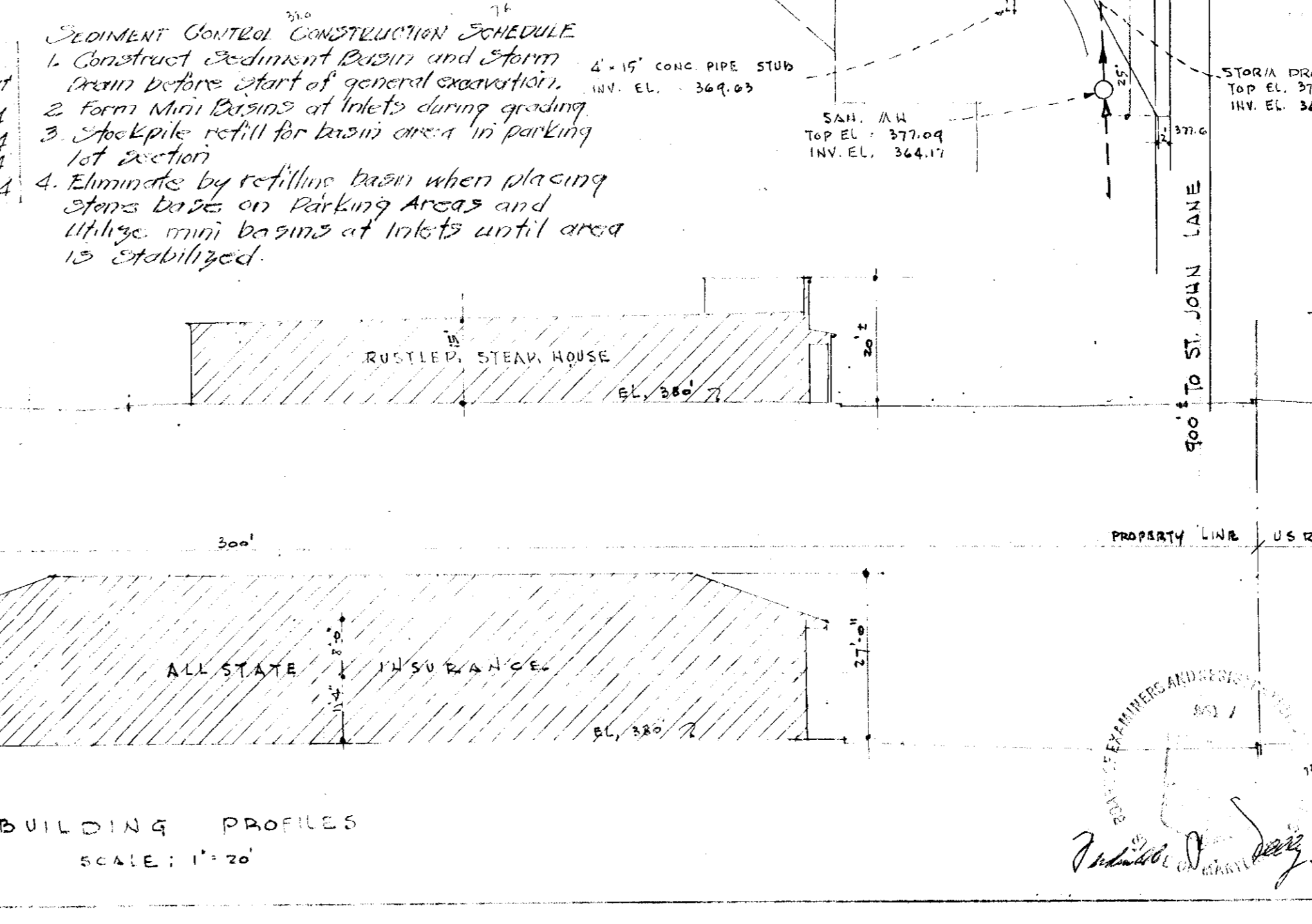
- EROSION & SEDIMENT CONTROL:
- DIVERSION BERMS TO BE CONSTRUCTED IN ACCORDANCE WITH THE EROSION & SEDIMENT CONTROL HANDBOOK AS PUBLISHED BY THE HOWARD SOIL CONSERVATION DISTRICT AND SHALL BE STABILIZED BY SEEDING WITH RYE GRASS & KENTUCKY 31 FESCUE AS SHOWN AS THEY ARE CONSTRUCTED.
 - SEMI-PERMANENT SEEDING SHALL CONFORM TO HOWARD SOIL CONSERVATION DISTRICT SPECIFICATIONS USING 2 LBS. TALL FESCUE (KY-31) & 2 LBS. WHITE CLOVER.
 - 1000 LBS. 10-10-10, 2000 LBS. GROUND LIMESTONE (INCLUDING 1/2 TON STRAW PER ACRE FOR PERMANENT SEEDING) ON ADVERSE SOIL CONDITIONS IT WILL BE DESIRABLE TO ADD 3 LBS. OF RETEPO TO THE ABOVE MIXTURE.
 - FOR PERMANENT AREAS THE FOLLOWING LAWN GRASS MIXTURE MAY BE SEED AT THE RATE OF 2 TO 2 1/2 PER 1000 SQ. FT. 15-25% MERION BLUE GRASS, 15-25% COMMON BLUEGRASS, 45-65% CREEPING RED FESCUE, 0-5% RETEPO.
 - FOR PERMANENT SLOPES STEEPER THAN 3% KEEP WITH EROSION CONTROL MATS PER 1000 SQ. FT. ON LIVED & FERTILIZED ACCORDING TO SOIL CONSERVATION DISTRICT REQUIREMENTS WITH WOOD FIBER & ADAPTED UNTIL GRASSING NEEDS.
 - ALL CONTROL FACILITIES TO REMAIN IN PLACE UNTIL REMOVED APPROVED BY HOWARD SOIL CONSERVATION DISTRICT.
- SITE ANALYSIS:
- GROSS AREA - 72,745' (1.67 ACRES)
 - PRESIDENT ZONING - COMMERCIAL D-2 - 59,441'
 - TOTAL FLOOR SPACE - 14,520'
- 4) PARKING DATA:
REQUIRED - 74 SPACES
PROVIDED - 92 SPACES (10' WIDE, 20' DEEP)
5) ALL EXISTING TREES SHALL REMAIN WHERE POSSIBLE
6) NO WALLS OR FENCES SHALL BE CONSTRUCTED ON THE SITE.
7) TOTAL EMPLOYEES - 20
- IMPROVEMENTS AT US RT 40:
- PAVING ON A SUB-BASE ACCEPTABLE TO THE SRC CHIEF ENGINEER OR HIS REPRESENTATIVE SHALL CONSIST OF:
 - CONTRACTED 1/2" SPEC. 10" BITUMINOUS CONCRETE (OR 3" SURFACE) BENCH COURSE TO BE THOROUGHLY COMPACTED WITH A ROAD ROLLER OF NOT LESS THAN 5 TONS IN NET OR AS DIRECTED BY THE ENGINEER. PAVING TO START THE EXISTING NORMAL EDGE OF PAVING AND CONTINUE TO THE NEW CORNING. GRADE OF PAVING TO MEET THE EXISTING NORMAL EDGE OF PAVING AND SLOPE AT THE OF 1/2" PER FOOT FOR 15', WHICH POINT WILL BE THE 1/2" BELOW THE AGREEMENTED EXISTING NORMAL EDGE. PAVEMENT THENCE INTO THE PROPERTY ON A SUITABLE GRADE NOT TO EXCEED 3%. THE AREA BETWEEN THE ENDS FROM THE EDGE OF EXISTING PAVEMENT TO THE FRONT MUST BE GRADED AND PAVED WITH THE ABOVE MENTIONED SPECIFICATIONS. THE AREA AROUND THE 10' CURB RADIUS SO GRADED TO INSURE POSITIVE DRAINAGE.
 - CURB AND GUTTER, ALONG RT 40 AND CONTINUING AT THE ENTRANCE TO THE PROPERTY LINE SHALL BE 18" HIGH.
- PROPERTIES PREVIOUSLY PAVED WITH 8" PIPE STORM



SEWAGE COLLECTION SCHEDULE

No.	Type	Acres	C	L ₀	Q	Top Grade	Inlet	Outlet
I-1	Comb.	0.24	0.03	0.05	1.88	377.20	370.54	
I-2	Comb.	0.24	0.03	0.05	2.18	378.50	369.14	
I-3	Pop. Comb.	0.70	0.03	0.05	2.80	377.00	373.04	
I-4	Inlet	0.00	0.00	0.05	1.48	384.00	380.54	

Total Drainage Area 2.84c
Disturbed Area 1.44c
Const. Flow 2.58 cfs @ 1.15 - 6.37 cfs
Reg'd Storage 2.58 x 7 - 18.07 cfs
Design Velg 4 ft. 1.0 cfs @ 3.5 L 4.0
Q pipe = 7.5 cfs
Q riser = 12.5 cfs



APPROVED

DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING

HOWARD COUNTY, MARYLAND

DATE: 3/11/74

J. W. Clawson

INDICATES EXISTING GRADE --- 379 ---
INDICATES NEW GRADE --- 379 ---

SITE DEVELOPMENT PLAN

SCALE: 1" = 20'

FROM SURVEY DATED JUNE 14, 1968 AND REVISED SEPTEMBER 30, 1972 BY KELLEN & KELLER, LAND SURVEYORS MD. REG. # 1500

2ND ELECTION DISTRICT OF HOWARD COUNTY
TAX MAP 24 BLOCK 5 - PARCEL 937
OWNER: FERDINAND P. KELLY - 215 OAK FOREST AVE. BALTIMORE, MD. 21228
ZONED: B2 300' DEEP FROM U.S. RT 40. REMAINDER R-20
PRIOR TO ANY WORK OF ANY KIND ON THIS SITE CHECK WITH BALTIMORE G & E CO. AT 670 HOWARD COUNTY & SAC FOR INFORMATION IN REFERENCE TO LOCATION OF UNDERGROUND UTILITY ROAD & CURB ALIGNMENT & OTHER PERTINENT INFORMATION.

KELLY PROPERTY
U.S. ROUTE 40 WEST OF ST. JOHN LANE
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

FERDINAND P. KELLY
& ASSOCIATES ARCHITECTS
2508 NORTH CALVERT STREET
BALTIMORE 18 MARYLAND
TELEPHONE TUXEDO 9-2613

STRUCTURAL ENGINEER MECHANICAL ENGINEER
J. REED PIERSON, JR. G. ROBERT DAVIDSON & ASSOCIATES

COMMISSION 74-02
DATE REVIEWED 2-11-74
NOVEMBER 2, 1973
SCALE AS SHOWN
DRAWING SDP-1

90P 74-45