

VICINITY MAP
Scale: 1" = 2000'

COORDINATES SHOWN HEREON ARE BASED ON PLANE COORDINATES MARYLAND STATE GRID SYSTEM "BERKE AZIMUTH MARK 1964" - N 477,803.34 E 854,187.53

GENERAL NOTES

1. CONTRACTOR SHALL STAKE OUT EXIST. WATER LINE AND 20' EASEMENT CONTACT HOWARD CO. BUREAU OF UTILITIES TO SCHEDULE INSPECTION BY COUNTY REPRESENTATIVE (313-AP00).
2. FINISHED GROUND OVER WATER MAIN SHALL NOT BE LOWER THAN EXISTING GROUND.
3. INSTALL SIGN (12" x 18") ON FENCE "UNDERGROUND PUBLIC WATER MAIN - MATERIALS SHALL NOT BE STORED BETWEEN WHITE LINES."
4. OWNER SHALL PROVIDE BUREAU OF UTILITIES A KEY TO GATE LOCK.
- PARKING AREA LANDSCAPING**
PARKING LOT AREA: 48,000 S.F.
PARKING ISLANDS: 3,275 S.F. (6.7%)

SITE ANALYSIS

A. PARCEL AREA: 11.066 AC.
B. PRESENT ZONING: M-2
C. PROPOSED USE: OFFICE & WAREHOUSING
D. BUILDING AREA: 3,522 AC. / 153,248 SF (82%)
E. PARKING: * (INCLUDES 6 HANDICAPPED SPACES)

USE	TOTAL AREA (Ft ²)	REQUIREMENT	SPACE REQ'D
OFFICE	15,325	15p./200 Ft. ²	77
WAREHOUSE	137,923	15p./2000 Ft. ²	67
TOTAL SPACES REQUIRED			146
TOTAL SPACES PROVIDED *			172

F. PROPOSED SITE COVERAGE:
PROP. BUILDING AREA = 153,248 SF (82%)
PROP. PAVED AREA = 181,019 SF (37%)
PROP. GREEN AREA = 147,268 SF (30%)
TOTAL PROPOSED SITE = 482,035 SF.

2. PUBLIC WATER & SEWER TO BE UTILIZED

3. CONSTRUCTION:
A. CALL "MISS UTILITY" 48 HOURS PRIOR TO STARTING CONSTRUCTION AT 555-0100.
B. ALL DAMAGES TO PUBLIC R/W AREA, PAVING, CURB & GUTTER SHALL BE REPAIRED AT OWNER'S EXPENSE.
C. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST HOWARD COUNTY STANDARD DETAILS AND SPECIFICATIONS.

INDEX OF PLANS

SHEET NO.	DESCRIPTION
1	SITE & GRADING PLAN
2	PAVING AREA MAP
3	SEWER & WATER MAINS
4	SEWER & WATER MAINS DETAILS & SPECIFICATIONS
5	SEWER & WATER MAINS DETAILS & SPECIFICATIONS
6	LANDSCAPE PLAN
7	

NOTE: NON-DOMESTIC WASTE DISCHARGE TO PUBLIC SEWERAGE SYSTEMS

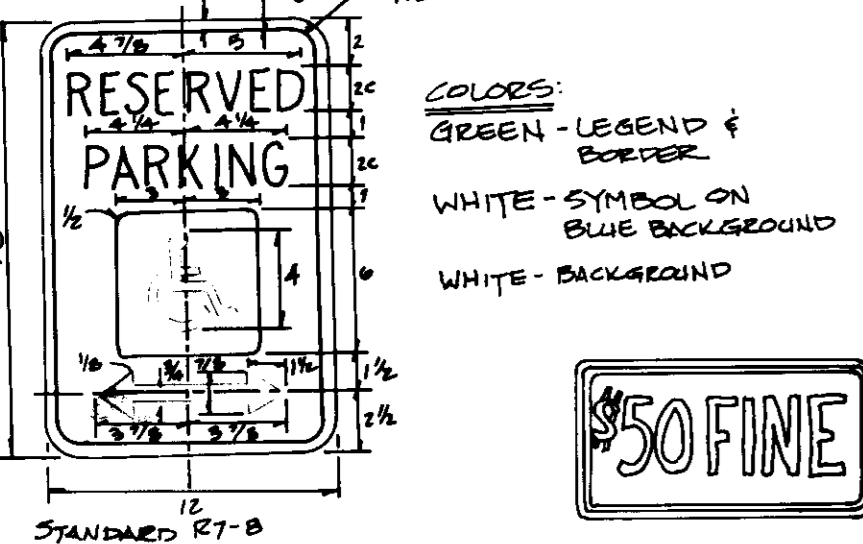
THE OWNER SHALL PROVIDE A SEPARATE AND INDEPENDENT SEWER CONNECTION FOR EACH TENANT OR OCCUPANT OF ANY BUILDING, SHOWN ON THIS SITE DEVELOPMENT PLAN, WHO WILL DISCHARGE NON-DOMESTIC WASTE TO THE PUBLIC SEWERAGE SYSTEM. IF THIS WASTE IS REGULATED UNDER SECTION 19.112.A OF THE HOWARD COUNTY CODE, EACH SEWERAGE AND INDEPENDENT SEWER CONNECTION SHALL INCLUDE A STANDARD MANHOLE AND OTHER WASTE PREVENTION DEVICES AS REQUIRED AND APPROVED BY HOWARD COUNTY. WASTE LINES ON THE INTERIOR OF THE BUILDING SHALL BE DESIGNED, CONSTRUCTED OR MODIFIED SUCH THAT NON-DOMESTIC WASTE WILL BE DISCHARGED TO THE SEWERAGE AND INDEPENDENT SEWER CONNECTION. NO TENANT OR OCCUPANT OF ANY BUILDING SHOWN ON THIS SITE DEVELOPMENT PLAN SHALL DISCHARGE REGULATED NON-DOMESTIC WASTE TO THE PUBLIC SEWERAGE SYSTEM PRIOR TO INSTALLATION OF THE SEWERAGE AND INDEPENDENT SEWER CONNECTION AND RELATED INTERIOR WASTE LINES. THE ABOVE REQUIREMENTS SHALL APPLY TO ALL INITIAL AND FUTURE OCCUPANTS OR TENANTS.

LEGEND

- ⊙ - NUMBER OF PARKING SPACES PER BAY
- ⊙ - HANDICAPPED PARKING
- - EX. CONTOURS
- (---) - PROP. CONTOURS
- ⊕ - EX. SEWER & MANHOLE
- - PROP. SEWER & MANHOLE
- - EX. WATER MAIN, VALVE & F.H.
- - PROP. WATER MAIN, VALVE & F.H.
- - EX. STORM DRAIN
- - PROP. STORM DRAIN

- NOTE:**
- BUILDING DIMENSIONS ARE TO OUTSIDE FACE OF WALL.
 - STORMWATER MANAGEMENT FOR THIS SITE PROVIDED BY REGIONAL FOND APPROVED 6-4-86. (GP-86-50), (F-BU-210)
 - PRESTON & DORSEY E/W RD. ARE PUBLIC ROADS.

HANDICAPPED SIGN DETAILS



RESERVED PARKING

COLOURS:
GREEN - LEGEND & BORDER
WHITE - SYMBOL ON BLUE BACKGROUND
WHITE - BACKGROUND

\$50 FINE

STANDARD R7-B RESERVED PARKING SIGN

\$50 FINE SIGN: SIGN TO UTILIZE AN ALUMINUM BLANK 6" x 12" x 0.080 INCH THICK WITH TWO (2) SINGLE POST MOUNTING HOLES. THE TEXT AND BORDER SHALL BE STAMPED GREEN TO MATCH THAT ON R7-B AND THE BACKGROUND SHALL BE REFLECTIVE WHITE. TEXT SHALL BE IN 3" CHARACTERS. SIGN SHALL BE MOUNTED DIRECTLY BELOW THE STANDARD R7-B RESERVED PARKING FOR HANDICAPPED SIGN. 1/2" BOTTOM EDGE SHALL BE NO LESS THAN 7 FEET ABOVE GROUND. ALL HANDICAPPED SIGNS SHALL BE PLACED 2'-0" (MIN) BEHIND CURBS AT EACH HANDICAPPED PARKING SPACE.

ELEV. BLDG. #1	ELEV. BLDG. #2
220.87	226.97
FF. BLDG. #1 226.20	FF. BLDG. #2 221.70

ELEVATION - BLDG. #1 & 2
N.T.S.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS AND PUBLIC WORKS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

11-6-86
DATE

11-6-86
DATE

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

11-10-86
DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

11-12-86
DATE

11-27-86
DATE

THE ARUNDEL CORPORATION
ARUNDEL CORPORATE CENTER, SUITE 100
110 WEST RD. TOWSON, MD 21284
(301) 296-6400
LAND PLANNERS, LAND SURVEYORS, CIVIL ENGINEERS



NO.	REVISION	DATE	OWNER/DEVELOPER
1	PRELIMINARY	8-22-84	JOSEPH J. HOOK, INC.
2	REVISED	8-22-84	5501 BELLECHUE RD. BALTIMORE, MD 21225 (301)-789-4400
3	ADDED STORAGE AREA	4-25-86	THE ARUNDEL CORPORATION 110 WEST RD. TOWSON, MD 21284 (301)-296-6400
4	WATER MAIN DETAILS	10-23-86	
5	SEWER MAIN DETAILS	10-23-86	

DEVELOPER

JOSEPH A. BURTON, CHAIRMAN, J.J. HOOK, INC.

6-27-86
DATE

ADDRESS CHART

BUILDING NUMBER	STREET ADDRESS
Bldg. #1	6530 PRESTON COURT
Bldg. #2	6240 PRESTON COURT

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL NO.
B.W.I.P.		
PLAT NO. 7+54	BLOCK NO. 2	ZONE M-2
TAX MAP 48	ELECT. DIST. 6	CENSUS - E. 6064
WATER CODE: 302	SEWER CODE: 3020000	

BALTIMORE WASHINGTON INDUSTRIAL PARK-SEC. II

LOT 'D'

SITE PLAN

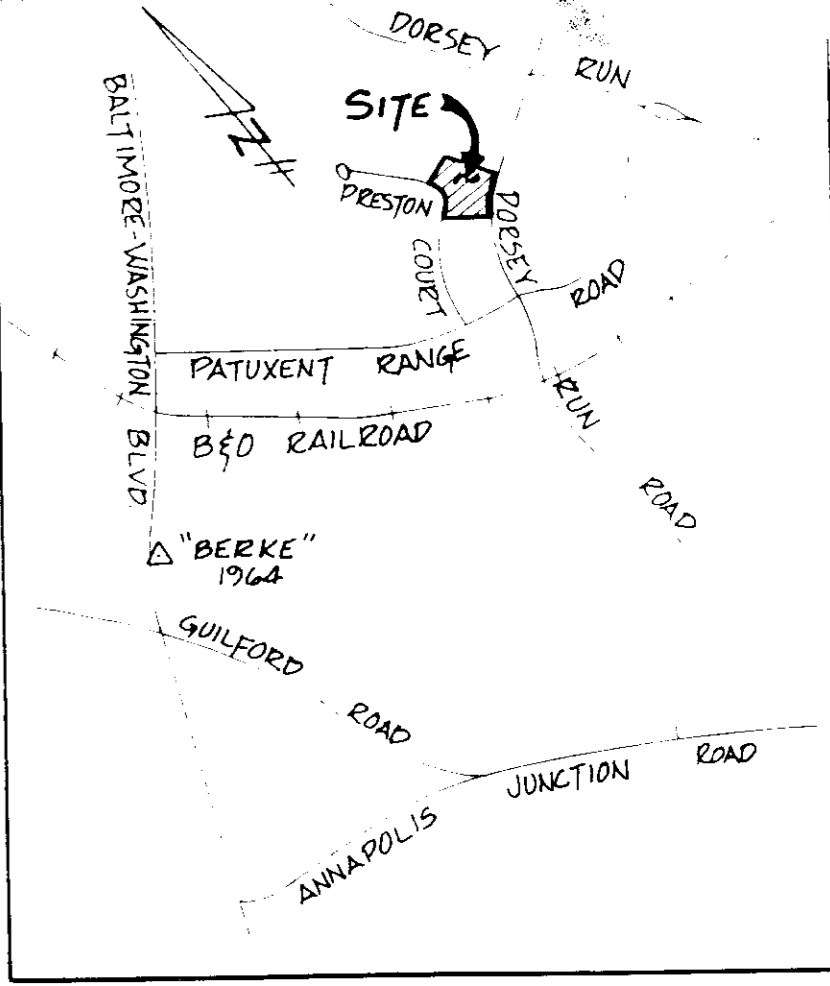
6th ELECTION DISTRICT
TAX MAP 130.48

HOWARD COUNTY, MD
JUNE 9, 1986

SDP-86-285

SCALE: 1" = 40'

SHEET NO. 1 OF 7



VICINITY MAP
 SCALE: 1" = 2,000'
 COORDINATES SHOWN HEREON ARE BASED ON PLANE COORDINATES MARYLAND STATE GRID SYSTEM "BERKE" AZIMUTH MARK 1964 - N 477,803.34 E 854,187.53

SITE ANALYSIS

- PARCEL NO. D-2 (PROPOSED)**
1. PARCEL D-2, BUILDING 2
 2. TOTAL AREA: 6,562.4 AC. OR 286,168,064 S.F.
 3. PROPOSED BUILDING USE: OFFICE + WAREHOUSE
 4. TOTAL AREA OF BUILDING: 80,100 S.F.
 OFFICE: 8,010 S.F.
 WAREHOUSE: 72,090 S.F.
 5. PARKING: OFFICE: 8,010 S.F. 1/200 S.F. = 41 SPACES
 WAREHOUSE: 72,090 S.F. 1/2,000 S.F. = 37 SPACES
 SPACES REQUIRED: 78 SPACES
 SPACES PROVIDED: 78 SPACES
 INCLUDING 3 H.C. SPACES
 6. SITE COVERAGE:
 BUILDING: 80,100 S.F. OR 28.0%
 PAVEMENT: 84,828 S.F. OR 22.6%
 GREEN AREA: 121,235 S.F. OR 42.4%
- PARCEL NO. D-1 (EXISTING)**
1. PARCEL D-1, BUILDING 1
 2. TOTAL AREA: 4,480.6 AC. OR 195,871,806 S.F.
 3. EXISTING BUILDING USE: OFFICE + WAREHOUSE
 4. TOTAL AREA OF BUILDING: 78,148 S.F.
 OFFICE: 7,318 S.F.
 WAREHOUSE: 66,833 S.F.
 5. PARKING: OFFICE: 7,318 S.F. 1/200 S.F. = 37 SPACES
 WAREHOUSE: 66,833 S.F. 1/2,000 S.F. = 33 SPACES
 SPACES REQUIRED: 70 SPACES
 SPACES PROVIDED: 70 SPACES
 INCLUDING 3 H.C. SPACES
 6. SITE COVERAGE:
 BUILDING: 78,148 S.F. OR 37.3%
 PAVEMENT: 50,007 S.F. OR 26.0%
 GREEN AREA: 71,722 S.F. OR 36.6%

B.W.I.P.
 Block 'E'
 Parcel 'P'
 Plat No. 6523

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE: 9-18-86

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

 DIRECTOR
 DATE: 11-6-86

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

 COUNTY HEALTH OFFICER
 DATE: 11-10-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

 DIRECTOR
 DATE: 11-12-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
 DATE: 11-12-86

THE ARUNDEL CORPORATION
 ARUNDEL CORPORATE CENTER, SUITE 100
 110 WEST RD. TOWSON, MD 21204
 (301) 296-6400
 LAND PLANNERS, LAND SURVEYORS, CIVIL ENGINEERS



NO.	REVISION	DATE
1	Issue Construction	8-23-86
2	Issue Final	9-11-86
3	Issue Final	10-22-86

OWNER / DEVELOPER
 JOSEPH J. HOCK, INC.
 5501 BELLE GROVE RD.
 BALTIMORE, MD 21205
 (301) 780-4400

THE ARUNDEL CORPORATION
 110 WEST RD.
 TOWSON, MD 21204
 (301) 296-6400

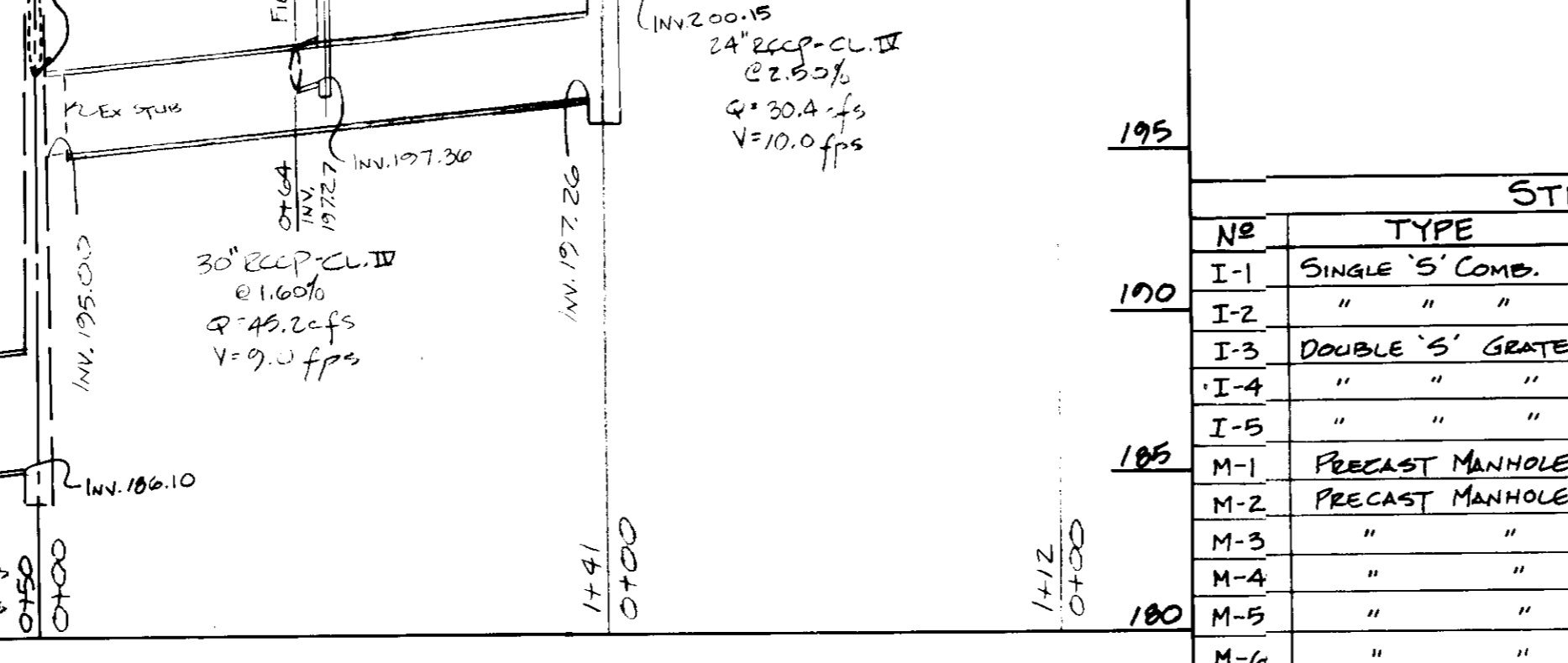
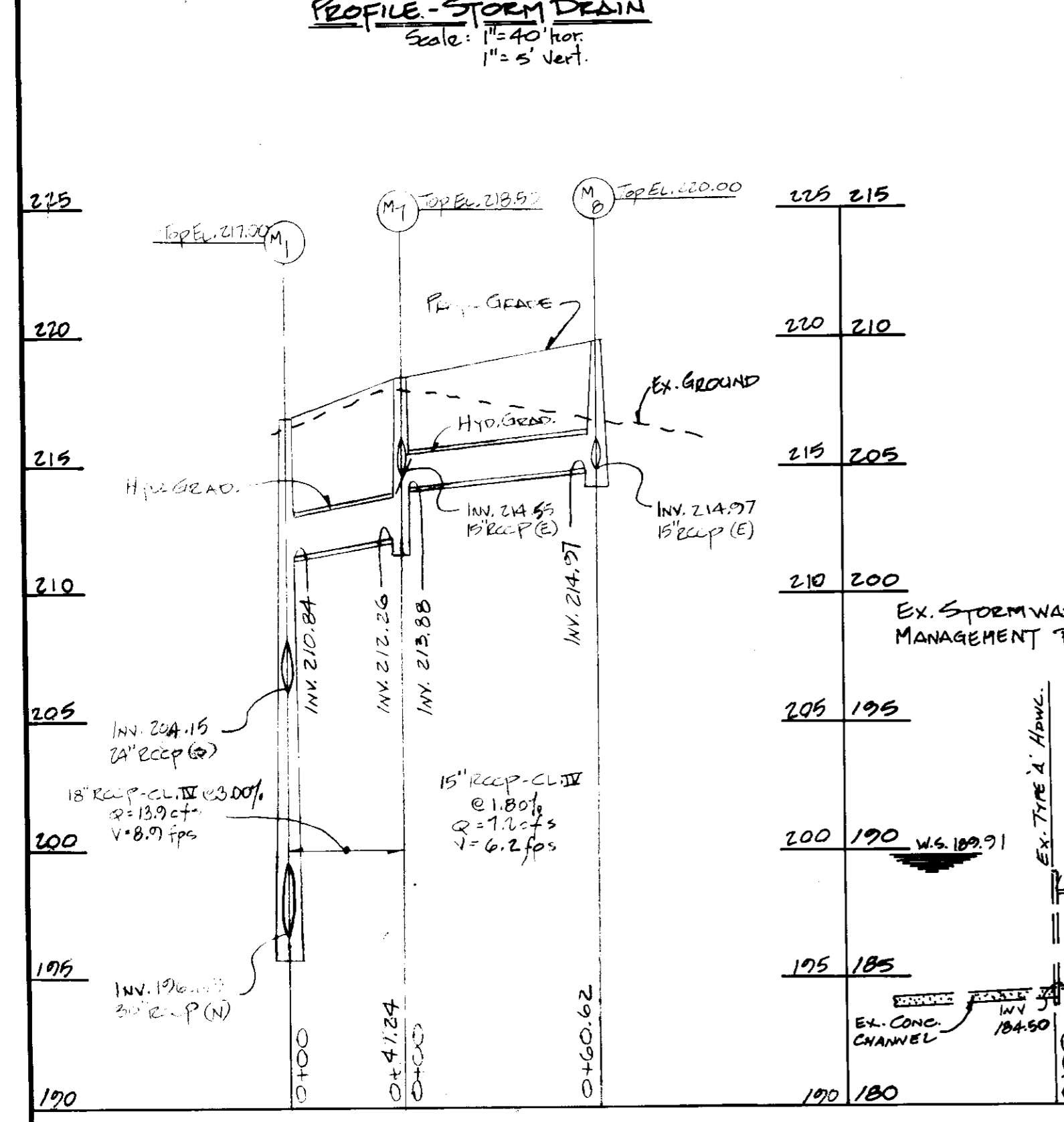
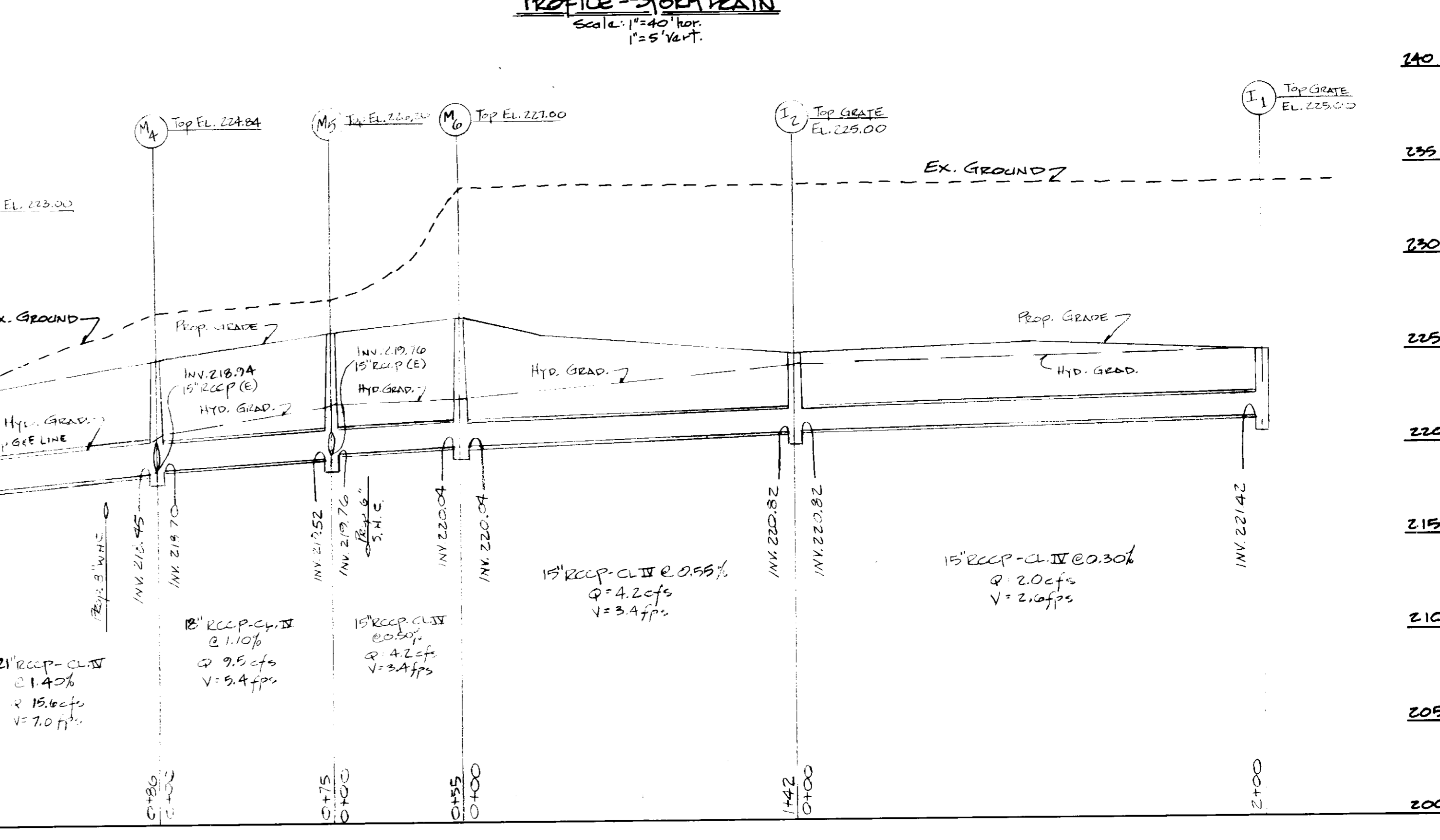
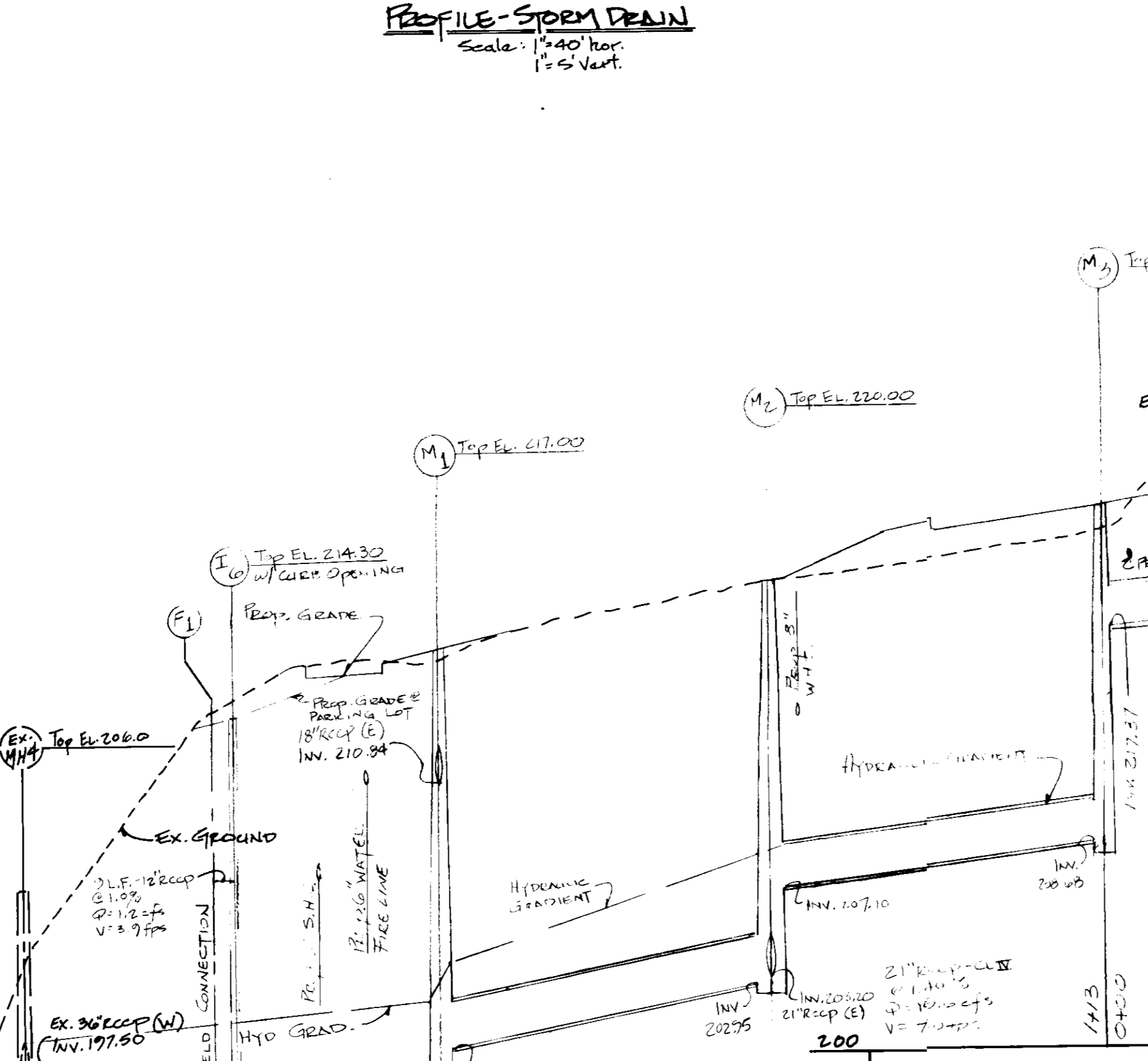
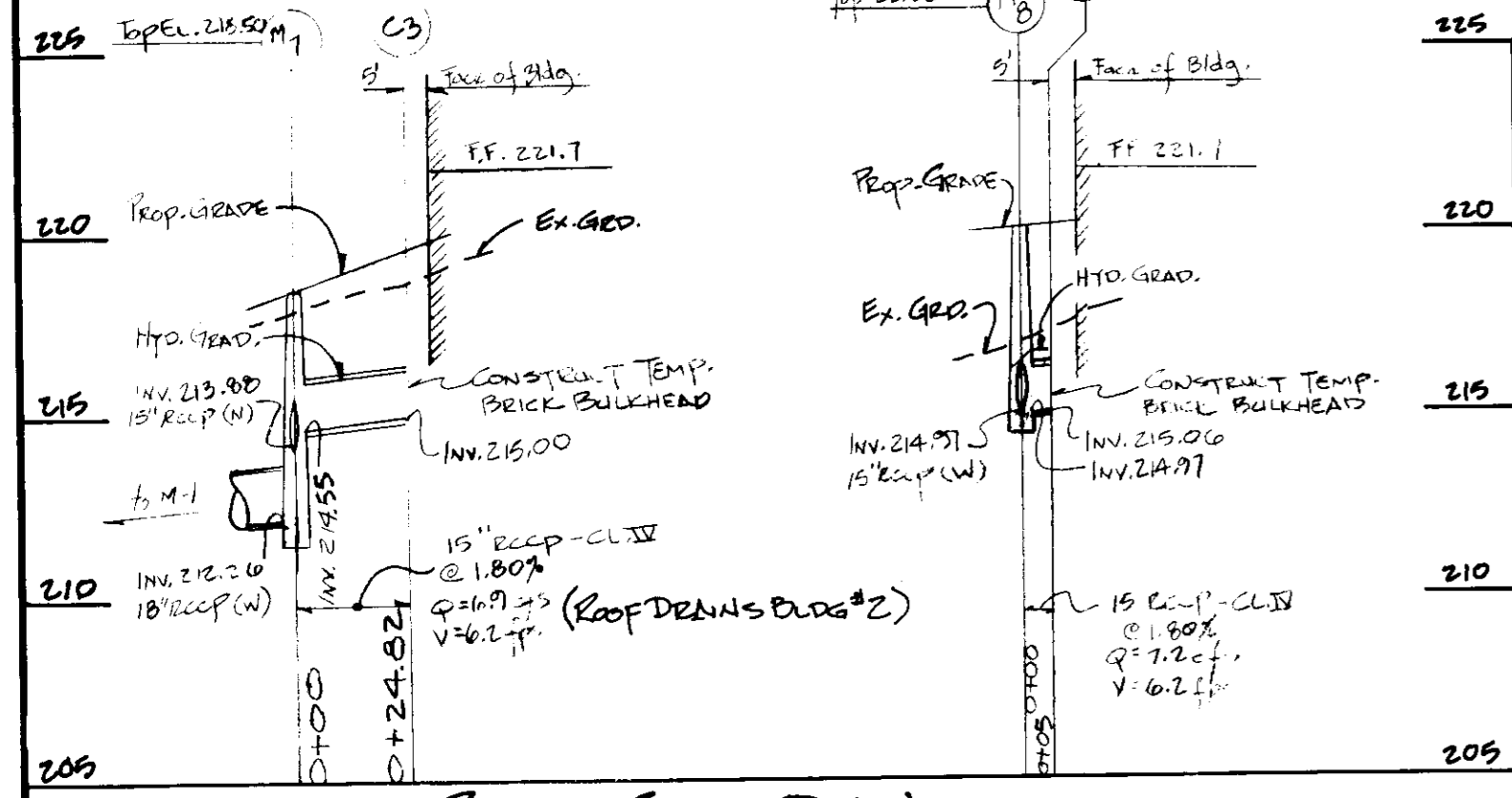
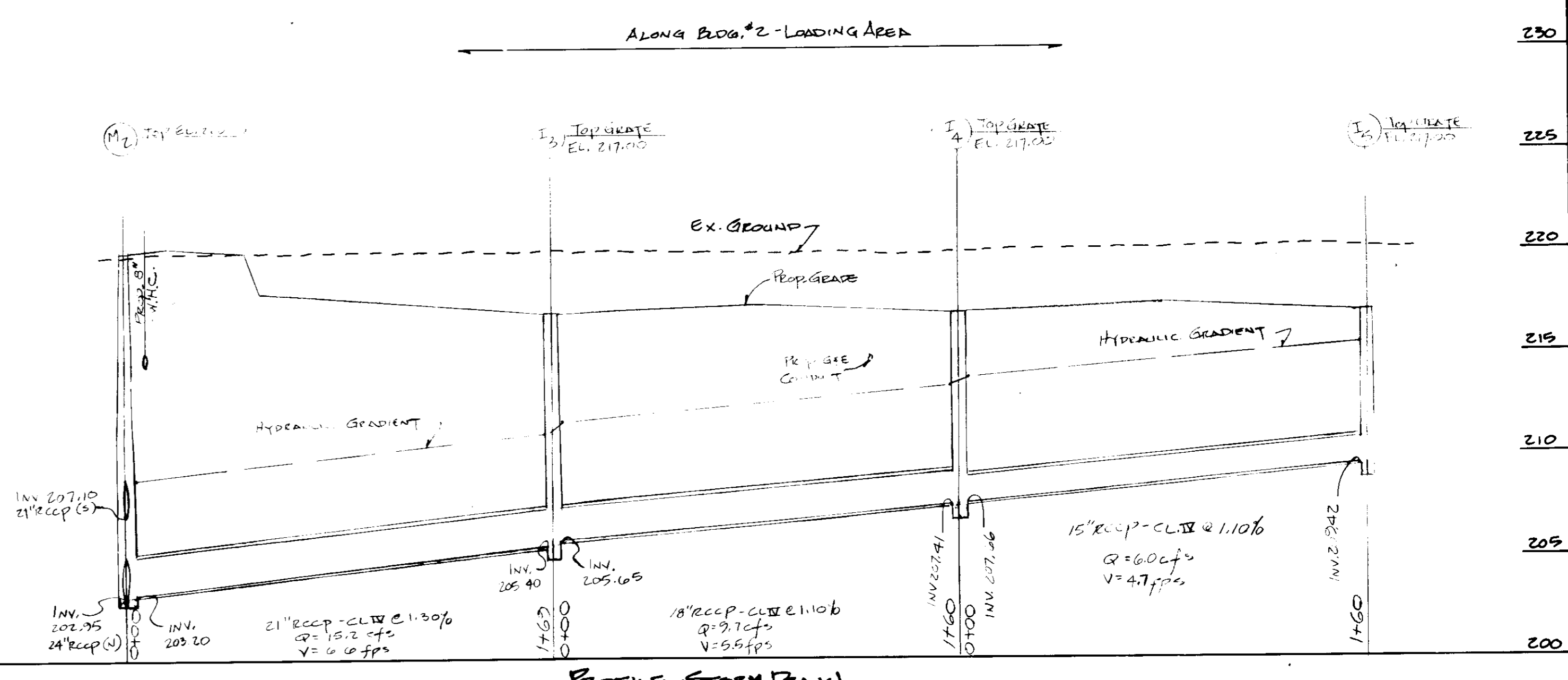
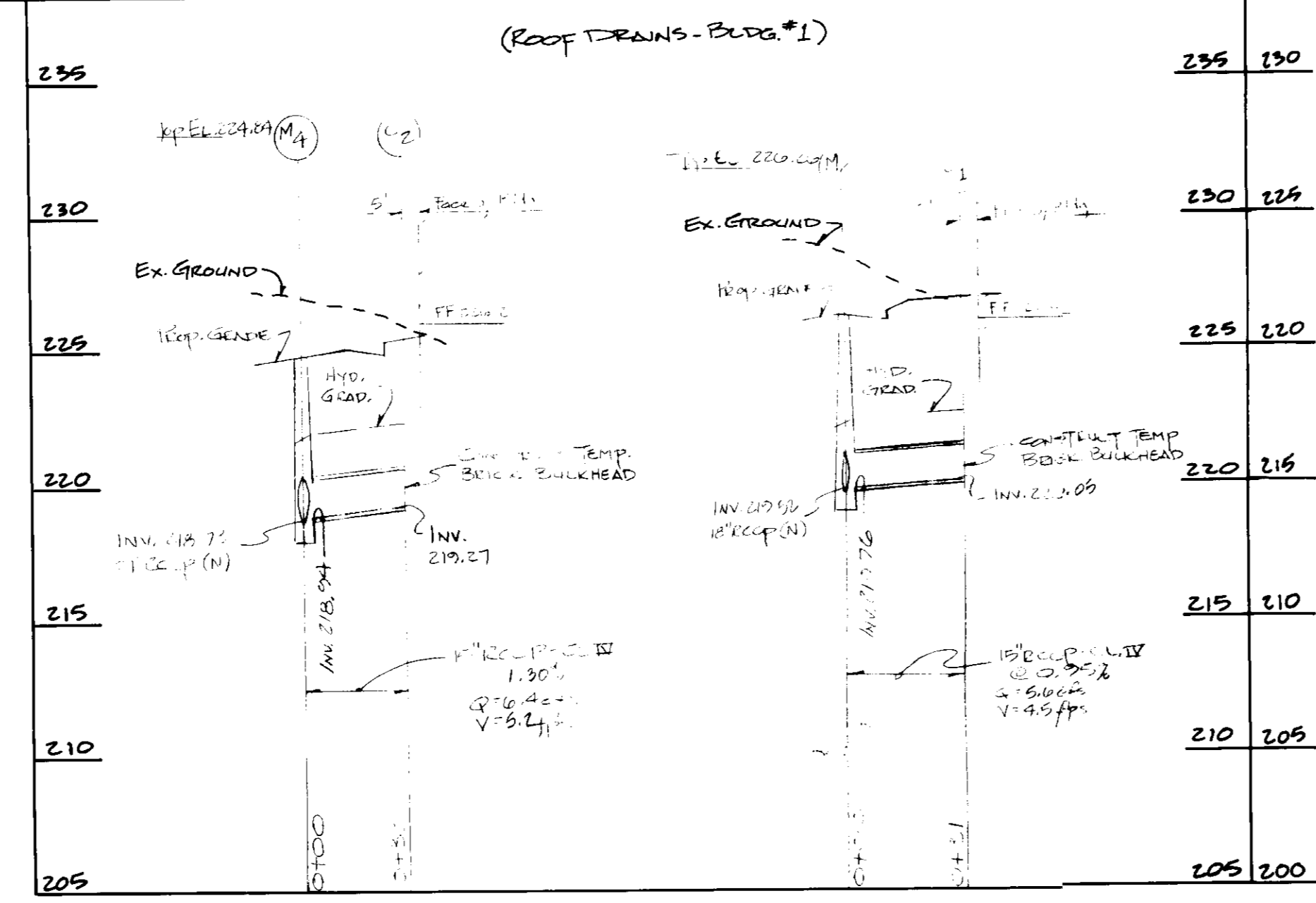
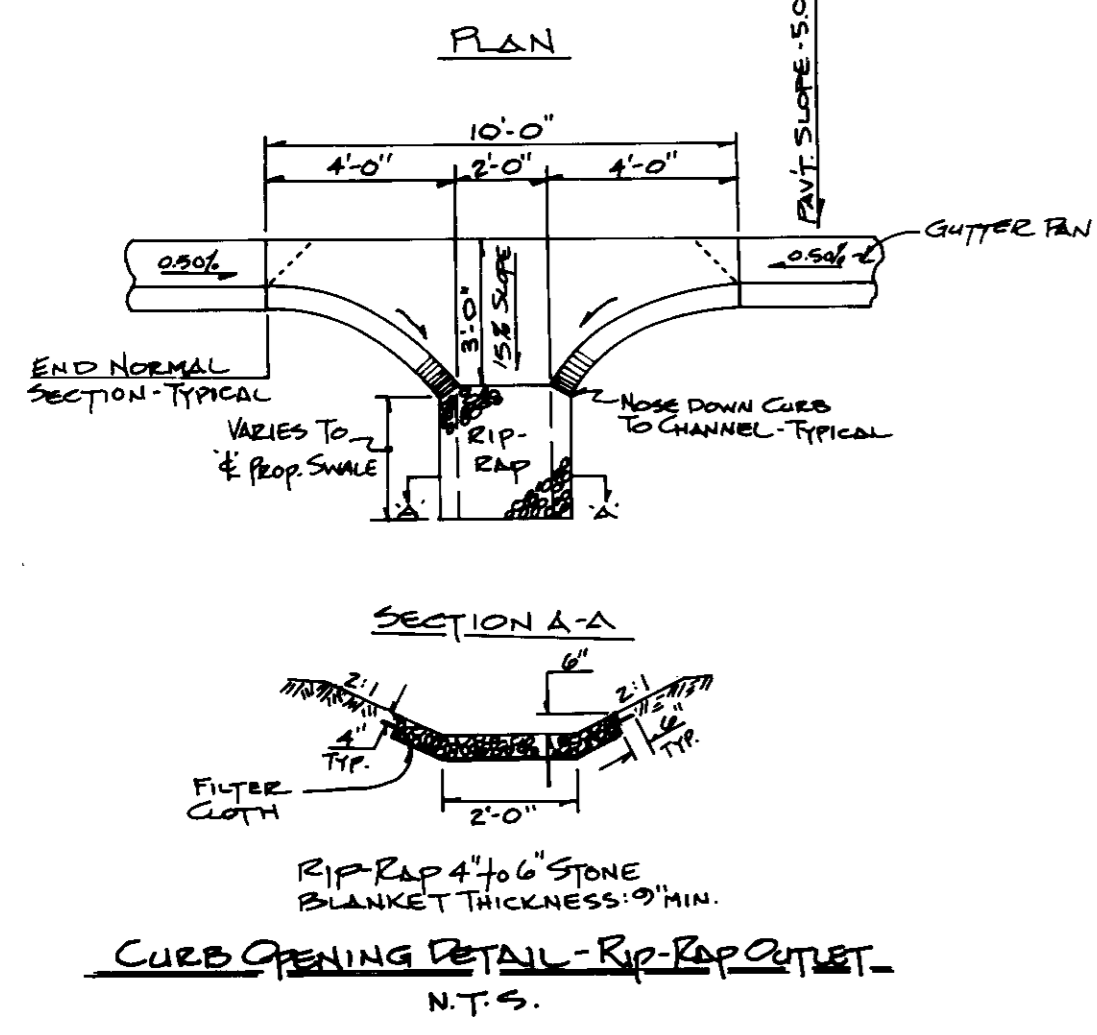
DEVELOPER

 JOSEPH A. BURTON, CIVIL ENGINEER, J.J. HOCK, INC.

BALTIMORE-WASHINGTON INDUSTRIAL PARK-SEC. II
 LOT 'D'
 "DRAINAGE AREA MAP"
 6TH ELECTION DISTRICT HOWARD COUNTY, MD
 TAX MAP NO. 48 JUNE 20, 1986

SCALE: 1" = 40'
 SHEET NO. 2 OF 7

SDP-86-285



STRUCTURE SCHEDULE			
NO	TYPE	LOCATION	STANDARD
I-1	SINGLE 'S' COMB.	S. BLDG. #1	Ho. Co. SD-4.32
I-2	" " "	" " "	" " "
I-3	DOUBLE 'S' GRATE	S. BLDG. #2	Ho. Co. SD-4.23
I-4	" " "	" " "	" " "
I-5	" " "	" " "	" " "
M-1	PRECAST MANHOLE	W. BLDG. #2	Ho. Co. G-5.13
M-2	PRECAST MANHOLE	S.W. BLDG. #2	Ho. Co. G-5.12
M-3	" " "	N.W. BLDG. #1	" " "
M-4	" " "	W. BLDG. #1	" " "
M-5	" " "	" " "	" " "
M-6	" " "	" " "	" " "
M-7	" " "	W. BLDG. #2	" " "
M-8	" " "	" " "	" " "
I-6	YARD INLET	W. BLDG. #2	Ho. Co. SD-4.14
F-1	FIELD CONNECTION	" " "	Ho. Co. SD-2.01

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

DIRECTOR: [Signature] DATE: 11-6-86

CHIEF BUREAU OF ENGINEERING: [Signature] DATE: 11-12-86

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

COUNTY HEALTH OFFICER: [Signature] DATE: 11-10-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING.

DIRECTOR: [Signature] DATE: 11-12-86

CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION: [Signature] DATE: 11-12-86

THE ARUNDEL CORPORATION
 ARUNDEL CORPORATE CENTER, SUITE 100
 110 WEST RD. TOWSON, MD. 21204
 (301) 296-6400
 LAND PLANNERS, LAND SURVEYORS, CIVIL ENGINEERS



NO.	REVISION	DATE	OWNER/DEVELOPER
1	REVISED	8-25-86	Joseph J. Hook, Inc.
2	REVISED	7-11-86	Joseph J. Hook, Inc.

OWNER/DEVELOPER: Joseph J. Hook, Inc., 9901 BELLE GROVE RD, BALTIMORE, MD. 21225 (301)-789-4400

THE ARUNDEL CORPORATION, 110 WEST RD., TOWSON, MD. 21204 (301)-296-6400

DEVELOPER: [Signature] DATE: 6-30-86

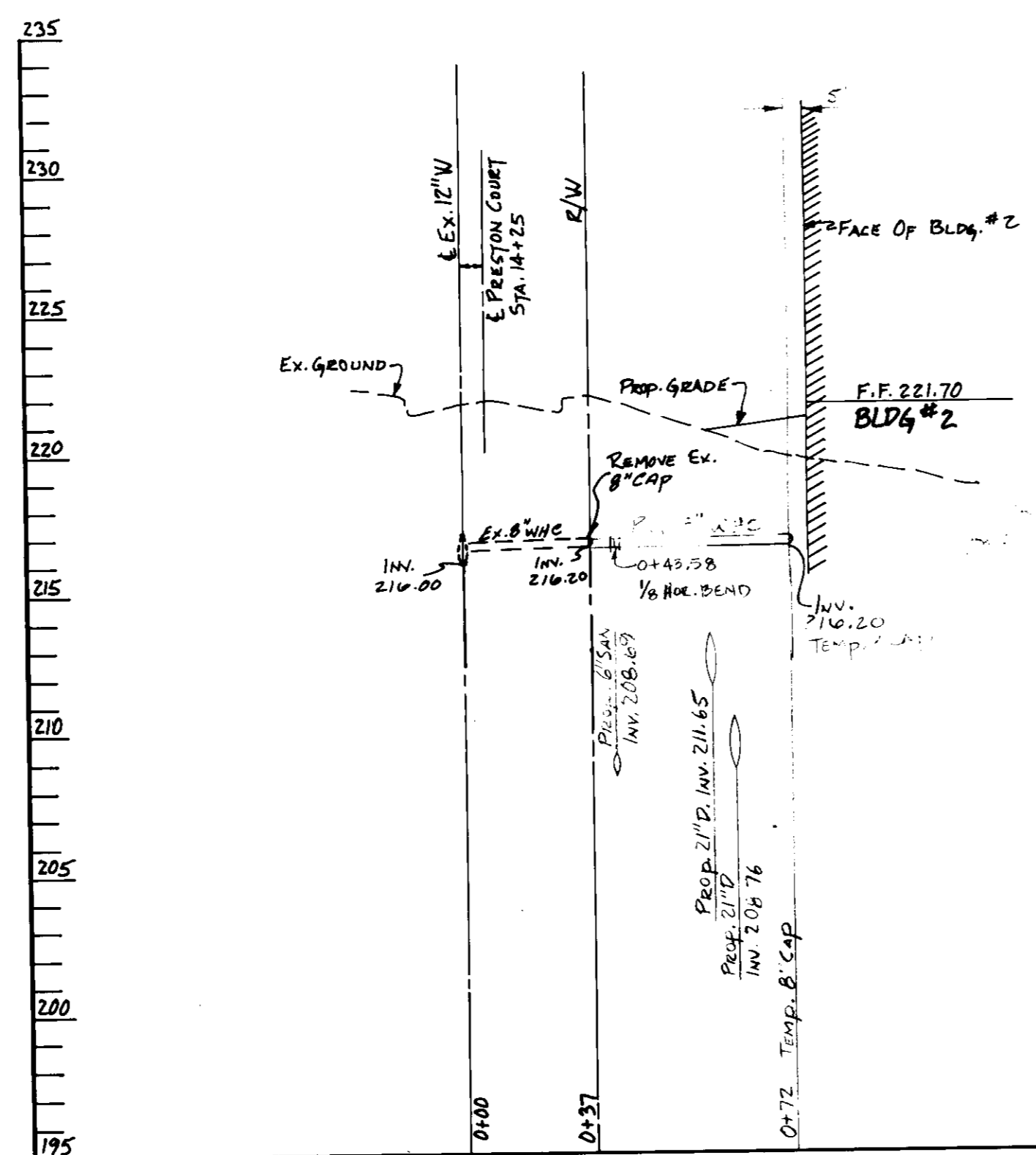
JOSEPH A. BURTON, CHAIRMAN, J.J. HOOK, INC.

BALTIMORE WASHINGTON INDUSTRIAL PARK-SEC. II LOT 'D' STORM DRAIN PROFILES

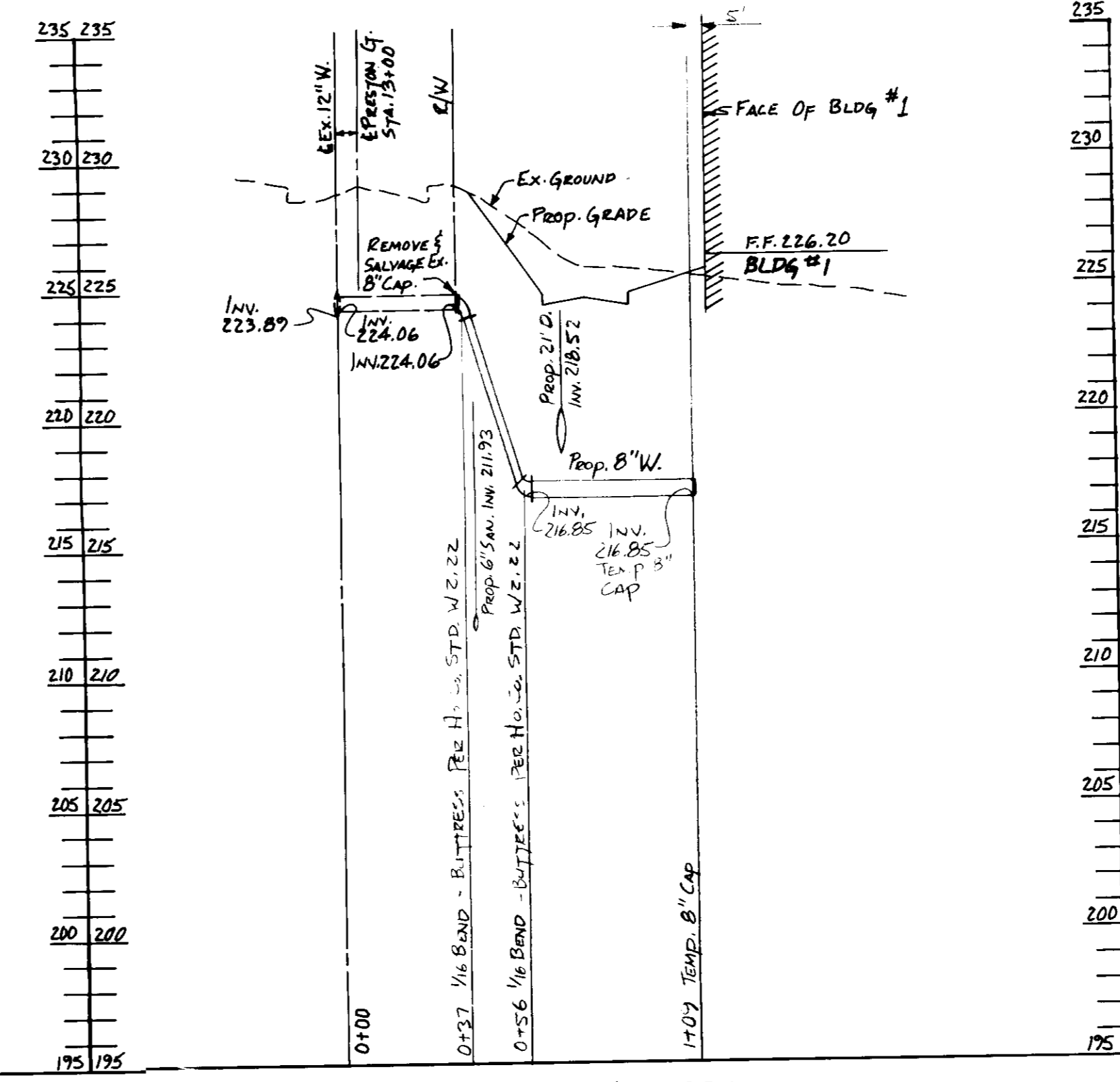
GMELECTION DISTRICT TAX MAP NO. 4B HOWARD COUNTY, MD. JUNE 12, 1986

SDP-86-285

SCALE: AS SHOWN
 SHEET NO. 3 OF 7

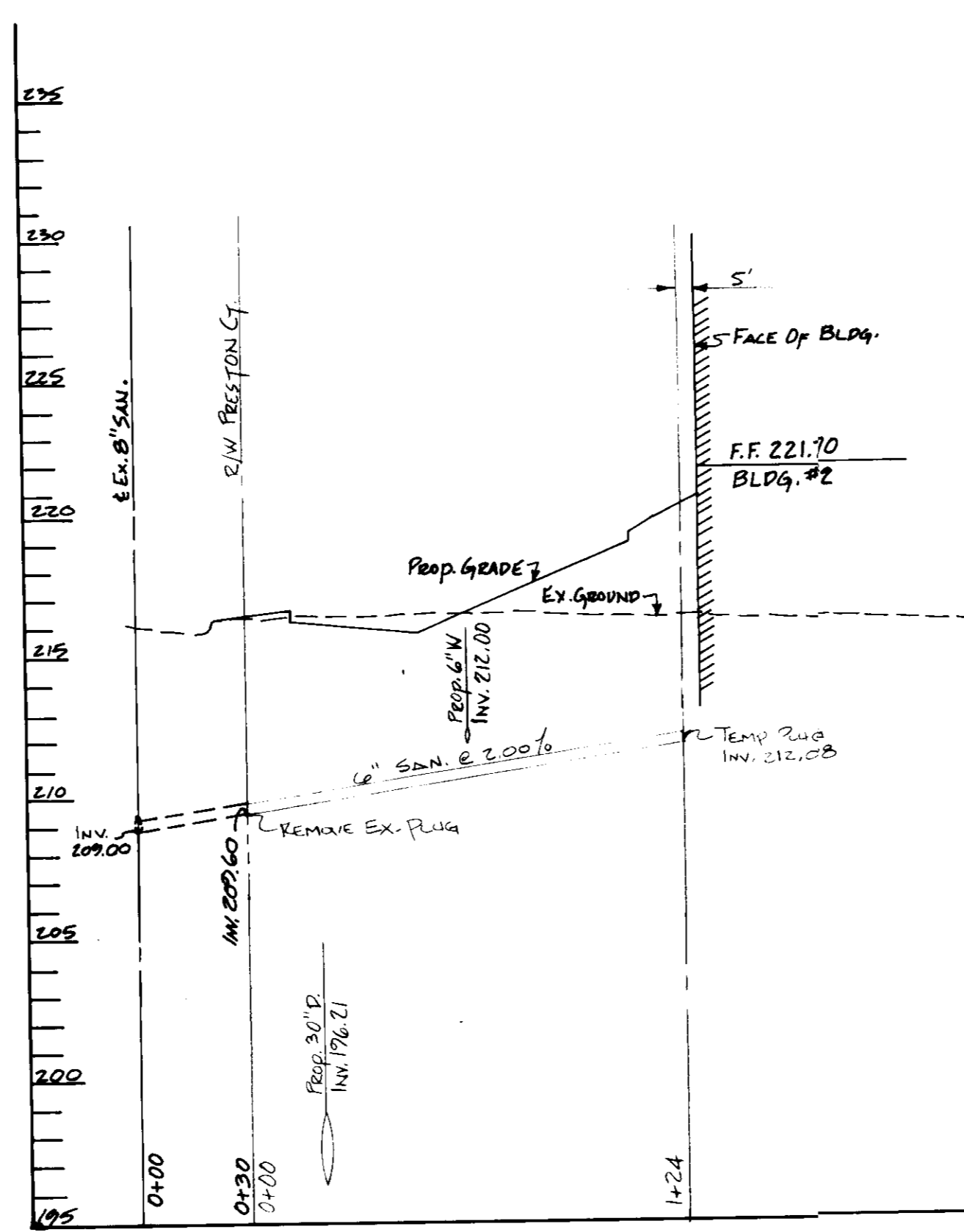


PROFILE-PROP 8" WATER
(Preston Ct. to Bldg. #2)

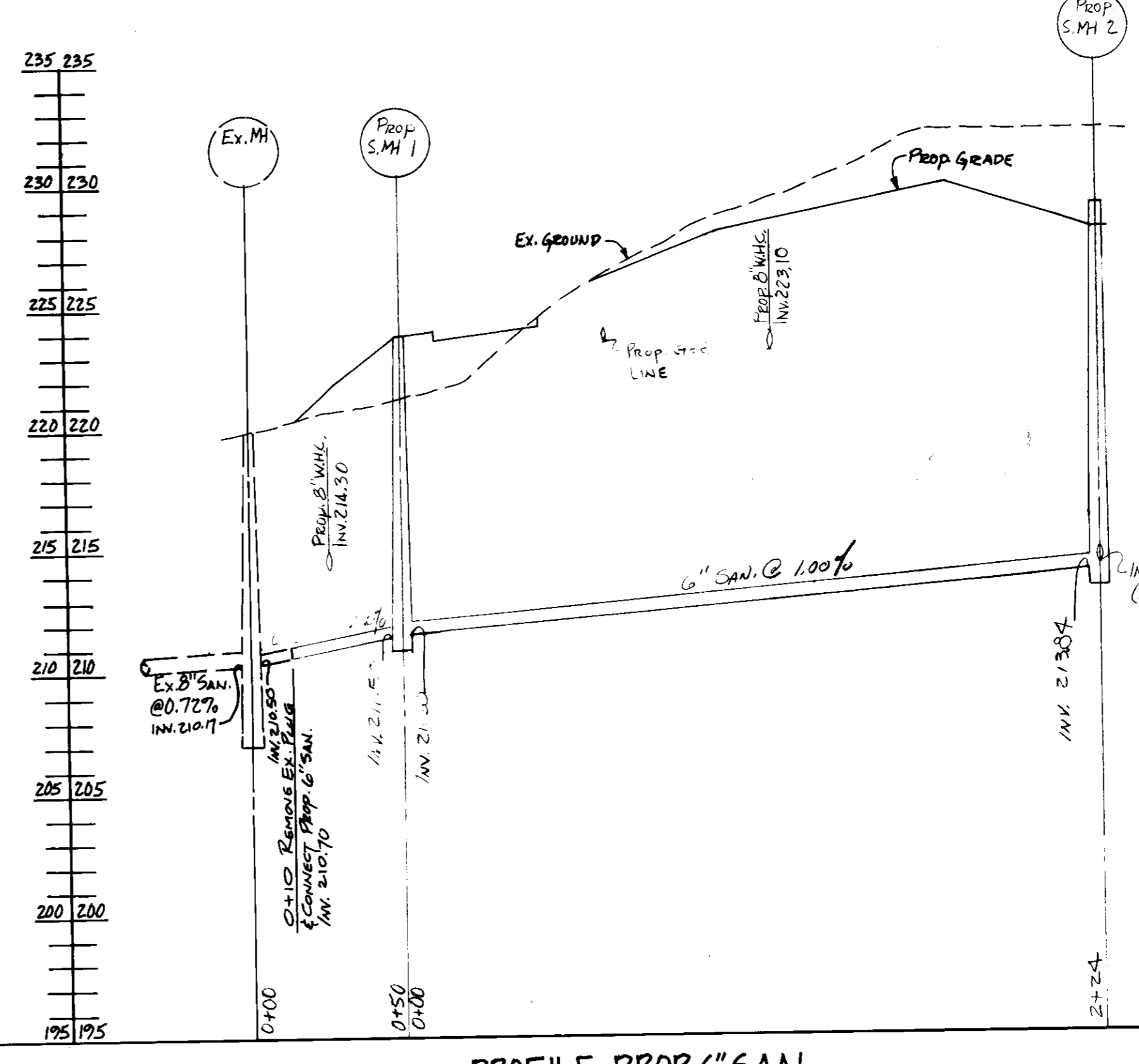


PROFILE-PROP 8" WATER
(Preston Ct. to Bldg. #1)

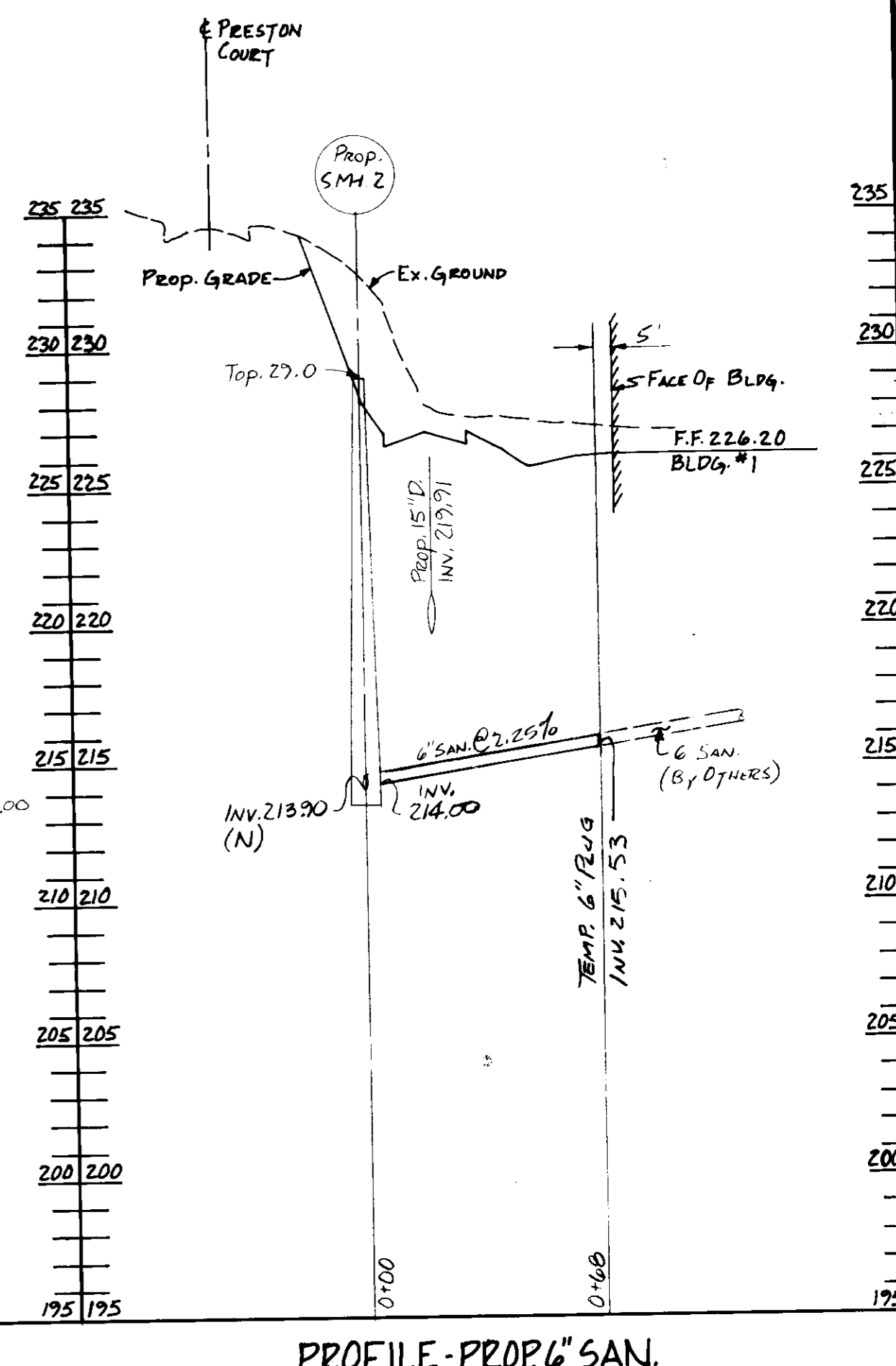
APPROVED
DIVISION OF LAND
ZONING ADMINISTRATION
HOWARD COUNTY
DATE 9-18-86
M. H. H.



PROFILE-PROP 6" SAN.
(To Bldg. #2)



PROFILE-PROP 6" SAN.
(To Bldg. #1)



PROFILE-PROP 6" SAN.
(To Bldg. #1)

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
DIRECTOR: [Signature]
DATE: 11-6-86

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
COUNTY HEALTH OFFICER: [Signature]
DATE: 11-16-86
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
DIRECTOR: [Signature]
DATE: 11-12-86
APPROVED: DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
DIRECTOR: [Signature]
DATE: 11-12-86

THE ARUNDEL CORPORATION
ARUNDEL CORPORATE CENTER, SUITE 100
110 WEST RD. TOWSON, MD. 21204
(301) 296-6400
LAND PLANNERS, LAND SURVEYORS, CIVIL ENGINEERS



NO.	REVISION	DATE
1	PER [Signature]	8-22-86
2	[Signature]	9-17-86

OWNER/DEVELOPER
JOSEPH J. HOOK, INC.
8501 BELLE GROVE RD.
Baltimore, MD. 21228
(301)-780-4400
THE ARUNDEL CORPORATION
110 WEST RD.
TOWSON, MD. 21204
(301)-296-6400

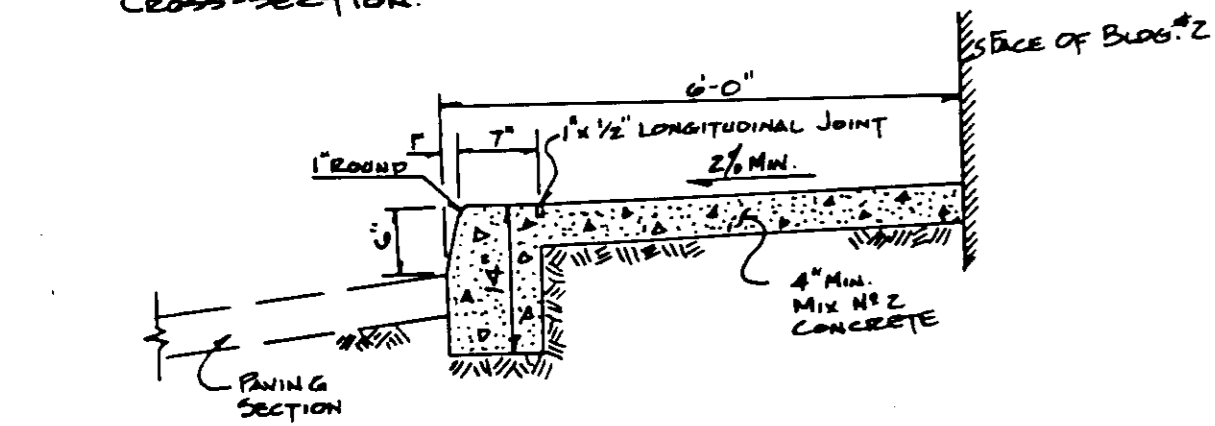
DEVELOPER
[Signature]
JOSEPH A. BURTAS, CHIEF ENGINEER, J.J. HOOK, INC.
6-26-86

BALTIMORE WASHINGTON INDUSTRIAL PARK-SEC. II
LOT 'D'
"WATER & SEWER PROFILES"
GNELECTION DISTRICT TAX MAP NO. 4B
HOWARD COUNTY, MD.
JUNE 16, 1986

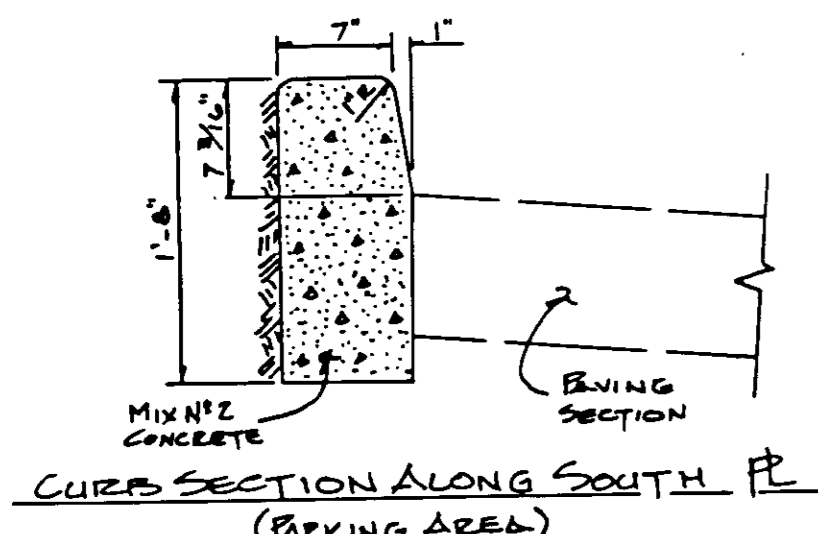
SCALE:
Hor: 1"=40'
Vert: 1"=5'
SHEET NO.
4 OF 7

SDP-86-285

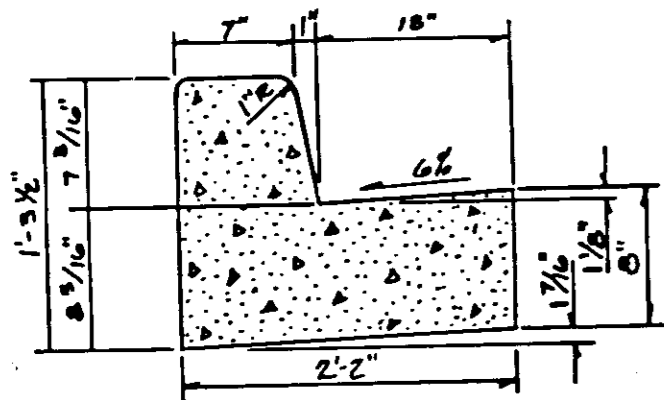
NOTE: PROVIDE 1/2" EXPANSION JOINTS AT 15' INTERVALS FOR FULL CROSS SECTION.



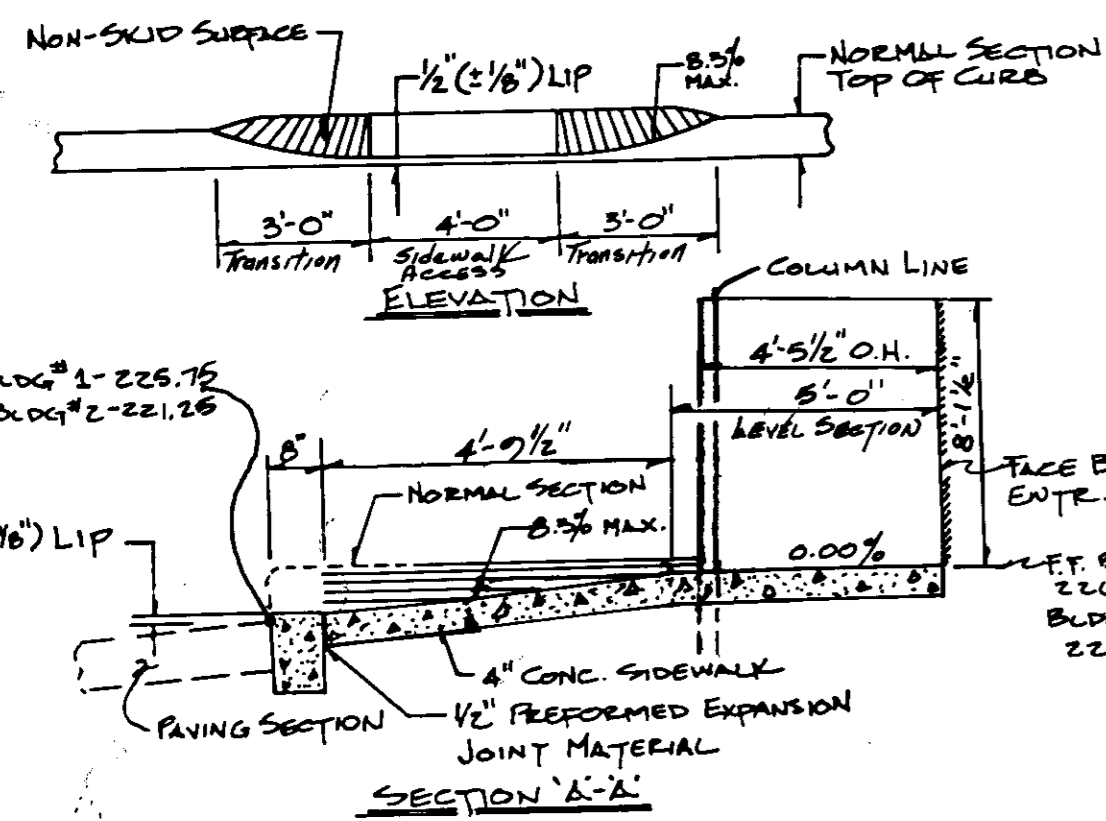
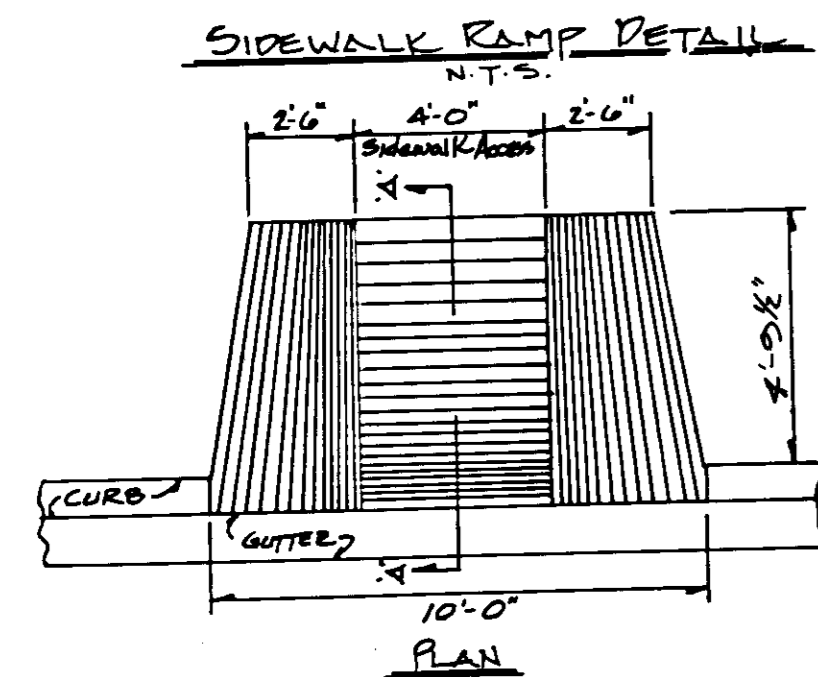
MONOLITHIC CURB & SIDEWALK DETAIL - NORTH SIDE
BUILDING NO. 2
N.T.S.



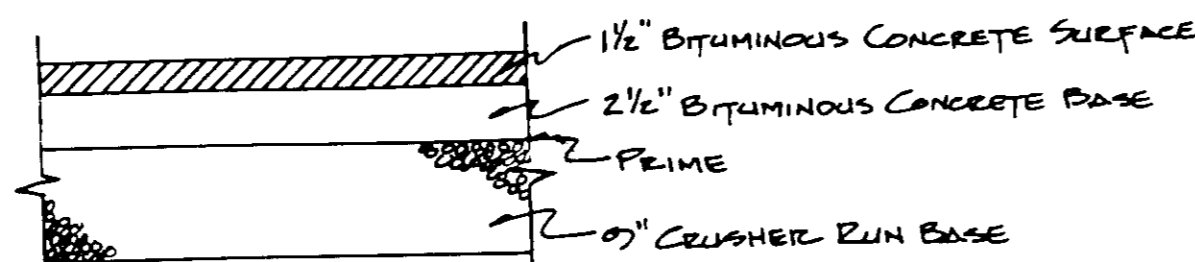
CURB SECTION ALONG SOUTH PL
(PARKING AREA)
N.T.S.



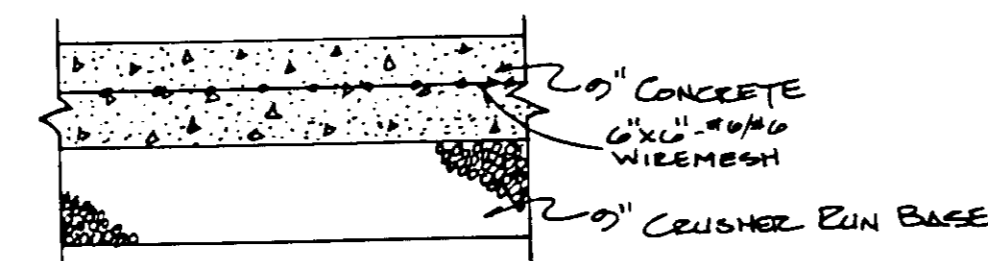
COMBINATION CONCRETE CURB & GUTTER
(PARKING AREAS EXCEPT S.F.)
N.T.S.



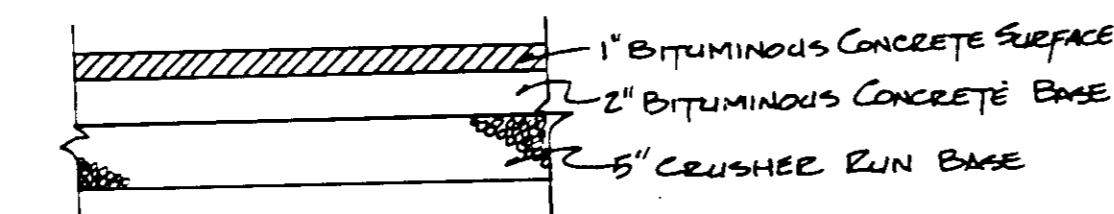
ON-SITE PAVING SECTIONS



PAVING SECTION - TRUCK LOADING AREA
N.T.S.

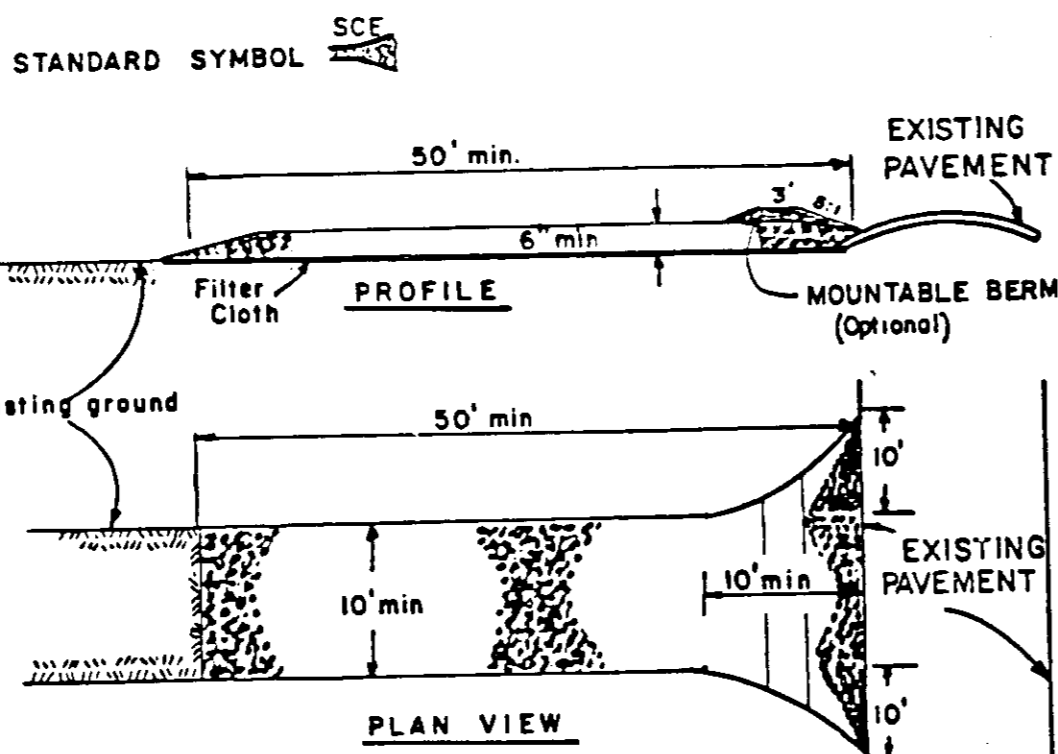


PAVING SECTION - CONCRETE LOADING PADS
N.T.S.



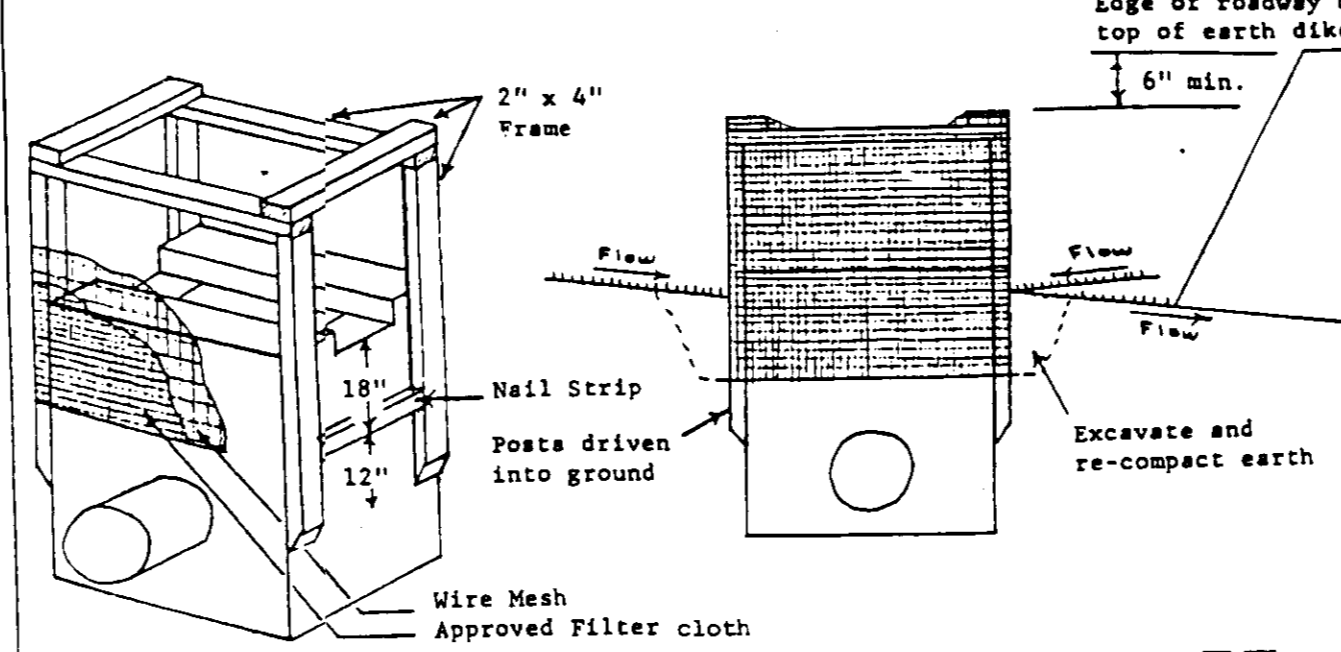
PAVING SECTION - PARKING AREAS & DRIVEWAYS
N.T.S.

STABILIZED CONSTRUCTION ENTRANCE
not to scale



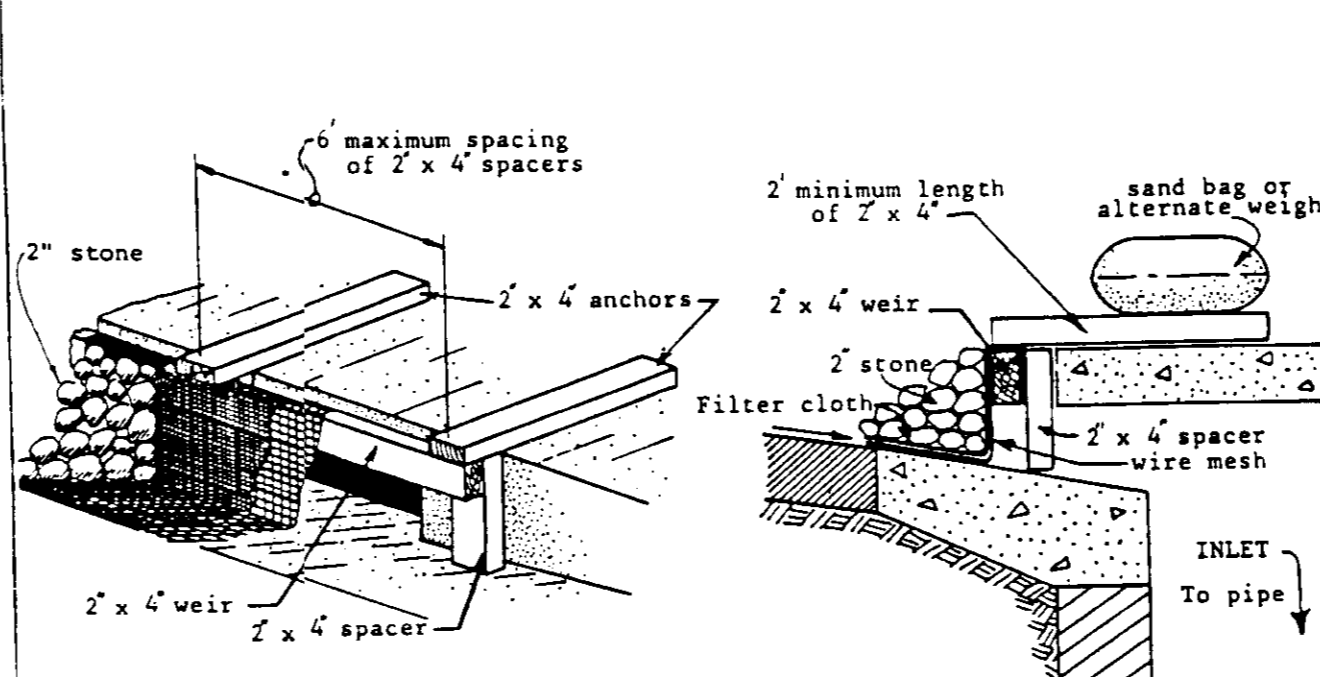
- CONSTRUCTION SPECIFICATIONS
- Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
 - Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
 - Thickness - Not less than six (6) inches.
 - Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
 - Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
 - Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable beam with 5:1 slopes will be permitted.
 - Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
 - Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
 - Periodic inspection and needed maintenance shall be provided after each rain.

SWALE INLET PROTECTION DETAIL



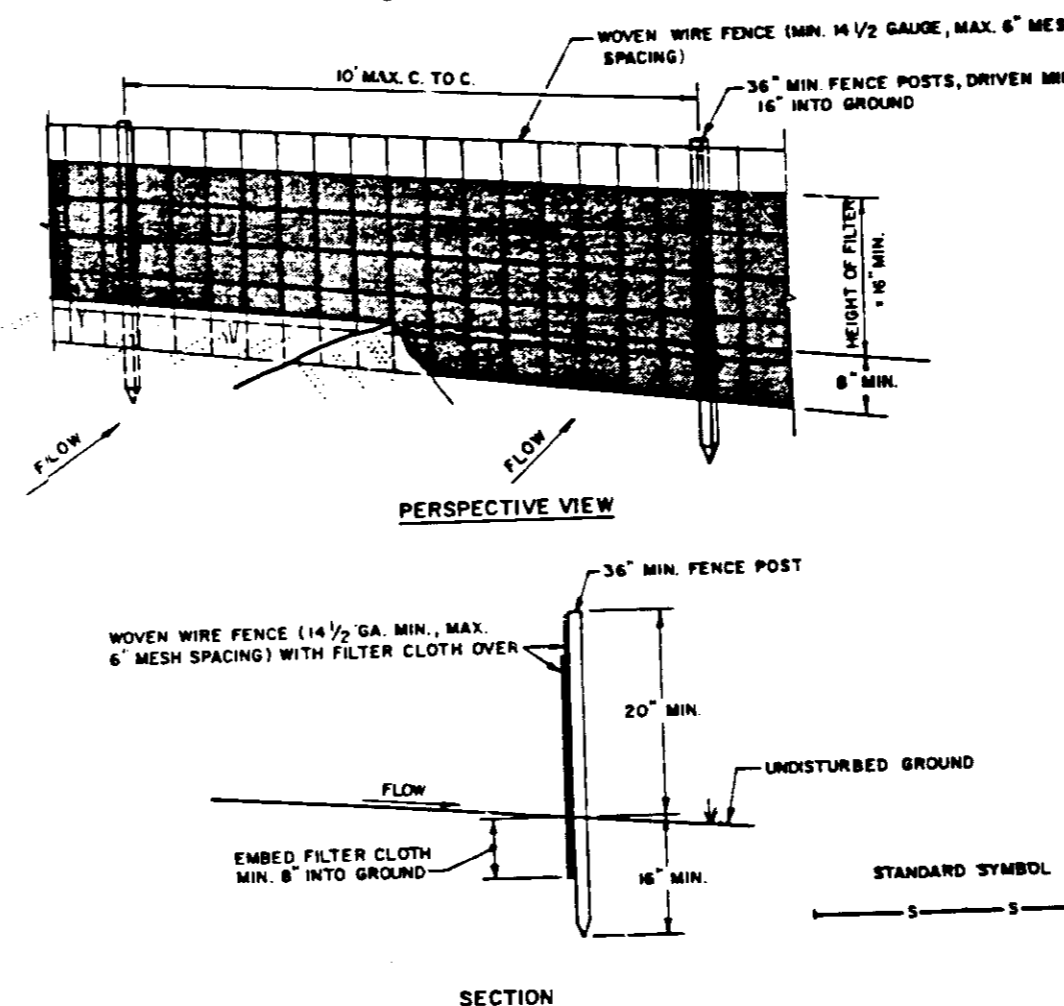
STANDARD SYMBOL

CURB INLET PROTECTION DETAIL



STANDARD SYMBOL

SILT FENCE



- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE
- Woven wire fence to be fastened securely to fence posts with wire ties or staples.
 - Filter cloth to be fastened securely to woven wire fence with ties spaced every 24" at top and mid section.
 - When two sections of filter cloth adjoin each other they shall be overlapped by six inches and folded.
 - Maintenance shall be performed as needed and material removed when 'bulges' develop in the silt fence.
- POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD
FENCE: WOVEN WIRE, 1 1/2" GA. 4" MAX. MESH OPENING
FILTER CLOTH: FILTER X, MIRAFLO, STABILINA, LUNA OR APPROVED EQUAL
PREFABRICATED UNIT: GEFAB, ENVIFENCE, OR APPROVED EQUAL

TEMPORARY SEEDING

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS: APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ. FT.)

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15. SEED WITH 2-1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS./1000 SQ. FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS. PER ACRE OF WEEPING LOVEGRASS (.07 LBS./1000 SQ. FT.) FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28. PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOO.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ. FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL. PER ACRE (5 GAL./1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FT. OR HIGHER, USE 348 GAL. PER ACRE (8 GAL./1000 SQ. FT.) FOR ANCHORING.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

PERMANENT SEEDING

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

- PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ. FT.) AND 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ. FT.) BEFORE SEEDING. BARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS./1000 SQ. FT.).
- ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ. FT.) AND 1000 LBS. PER ACRE 10-10-10 FERTILIZER (23 LBS./1000 SQ. FT.) BEFORE SEEDING. BARROW OR DISC INTO UPPER THREE INCHES OF SOIL.

SEEDING - FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS. PER ACRE (1.4 LBS./1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS. KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS. PER ACRE (.05 LBS./1000 SQ. FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY: OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOO. OPTION (3) SEED WITH 60 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.

MULCHING - APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ. FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL./1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FT. OR HIGHER, USE 348 GALS. PER ACRE (8 GAL./1000 SQ. FT.) FOR ANCHORING.

MAINTENANCE - INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

SEDIMENT CONTROL NOTES

- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (993-2-2437)
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1; b) 14 days as to all other disturbed or graded areas on the project site.
- All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 51) sod (Sec. 54), temporary seeding (Sec. 50) and mulching (Sec. 52.) Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
- All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector
- Site Analysis:
Total Area of Site: 11.066 Acres
Area Disturbed: 2.32 Acres
Area to be roofed or paved: 2.52 Acres
Area to be vegetatively stabilized: 1.80 Acres
Total Cut: 20,625 Cu. yds
Total Fill: 20,625 Cu. yds
Offsite waste/borrow area location: _____
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-18-86

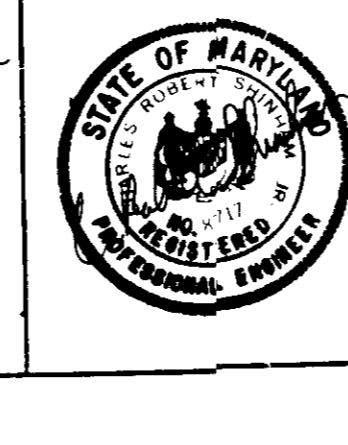
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
DIRECTOR: [Signature]
DATE: 11-6-86

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
COUNTY HEALTH OFFICER: [Signature]
DATE: 11-10-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
DIRECTOR: [Signature]
DATE: 11-12-86

CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
DATE: 11-12-86

ENGINEER'S CERTIFICATE
"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'."
C. ROBERT SHANNON
REG. NO. 8717
DATE: 10-16-86



NO.	REVISION	DATE	OWNER / DEVELOPER
1	See [Signature]	8-22-86	THE ARUNDEL CORPORATION 110 WEST 2200 TOWSON, MD. 21284 (301)-296-6400

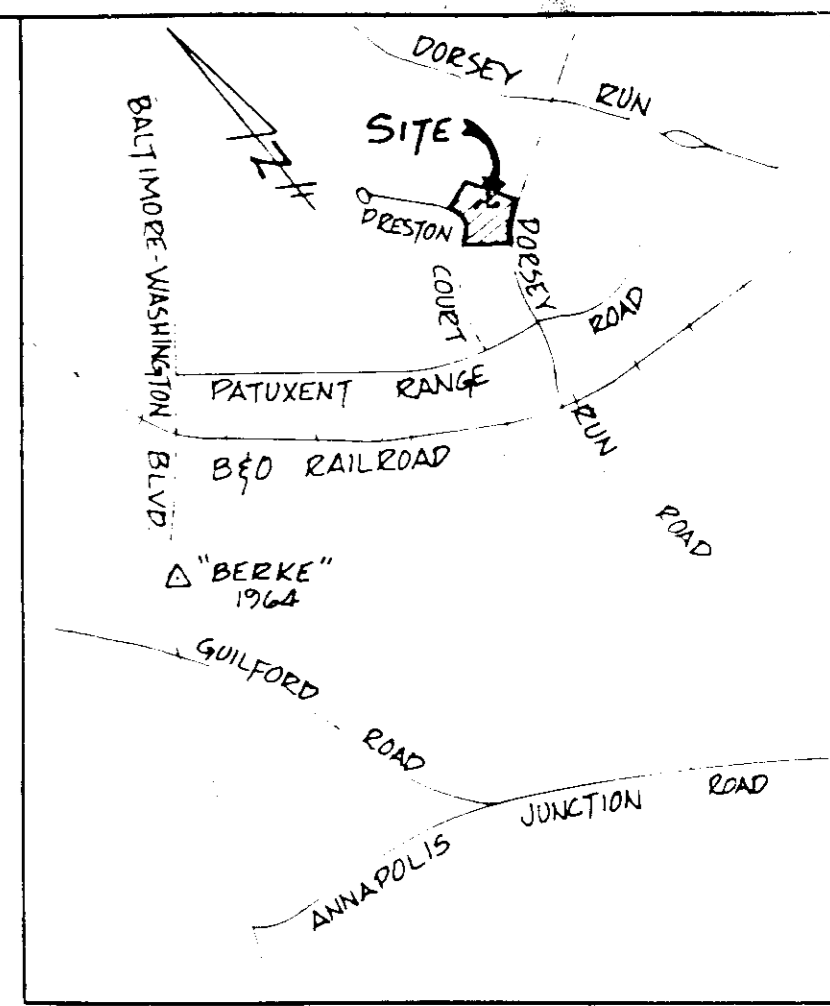
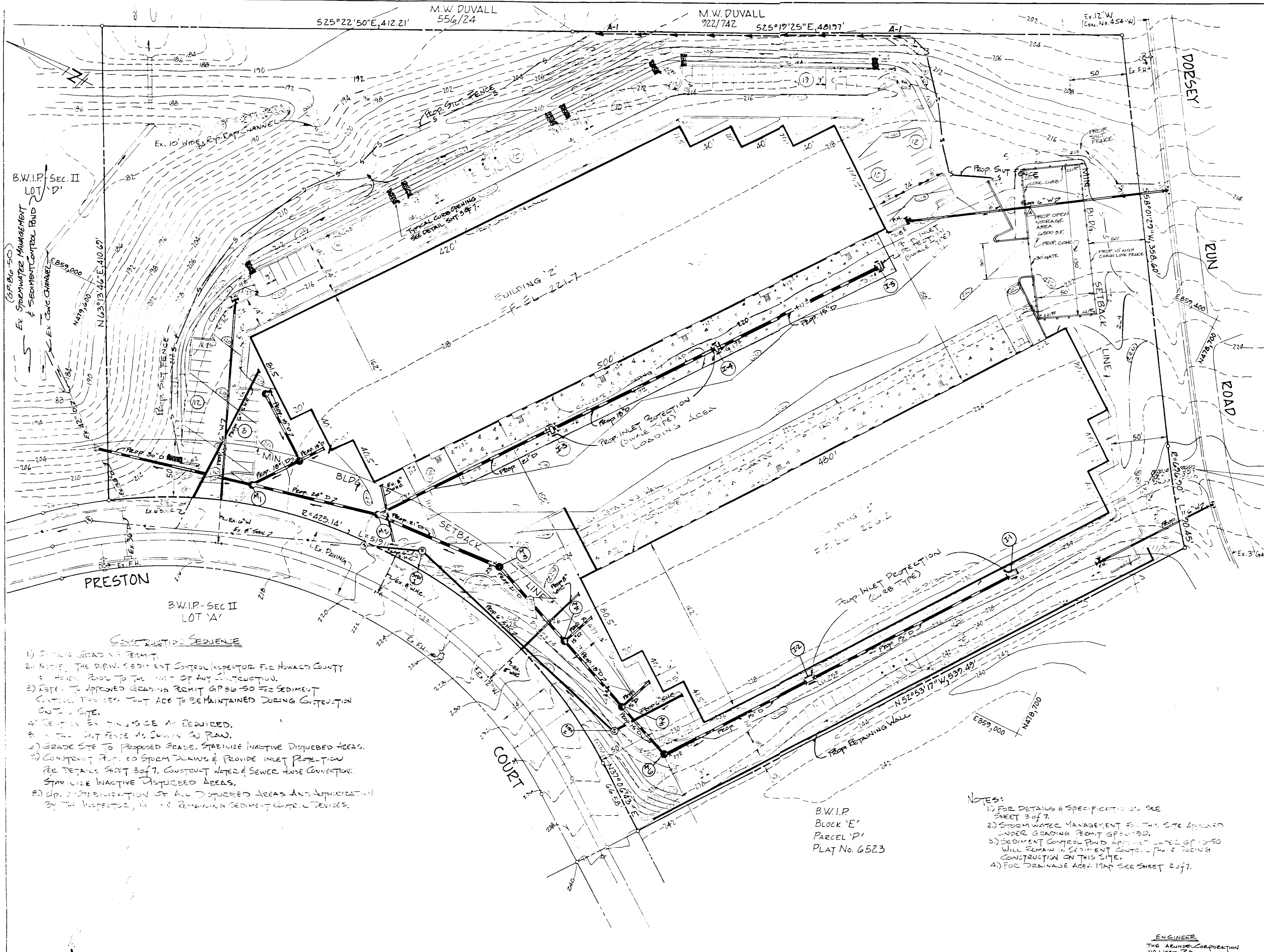
DEVELOPER'S CERTIFICATE
"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A 'DEPARTMENT OF AGRICULTURE APPROVED' TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. 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 APPROVED BY THE HOWARD SOIL CONSERVATION DISTRICT."
JOSEPH A. BUESTON, CHAIRMAN J.J. HOCK, INC.
DATE: 6-27-86

HOWARD SOIL CONSERVATION DISTRICT
THE DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
STEPHEN L. HUBER
APPROVED HOWARD SOIL CONSERVATION DISTRICT
DATE: 11-4-86

REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
JOSEPH A. BUESTON
THE UNITED STATES SOIL CONSERVATION SERVICE
DATE: 11-4-86

BALTIMORE WASHINGTON
INDUSTRIAL PARK-SEC II
LOT 'D'
"DETAILS & SPECIFICATIONS"
G7MELEON DISTRICT
TAX MAP NO. 48
HOWARD COUNTY, MD.
JUNE 25, 1986
SDP-86-285

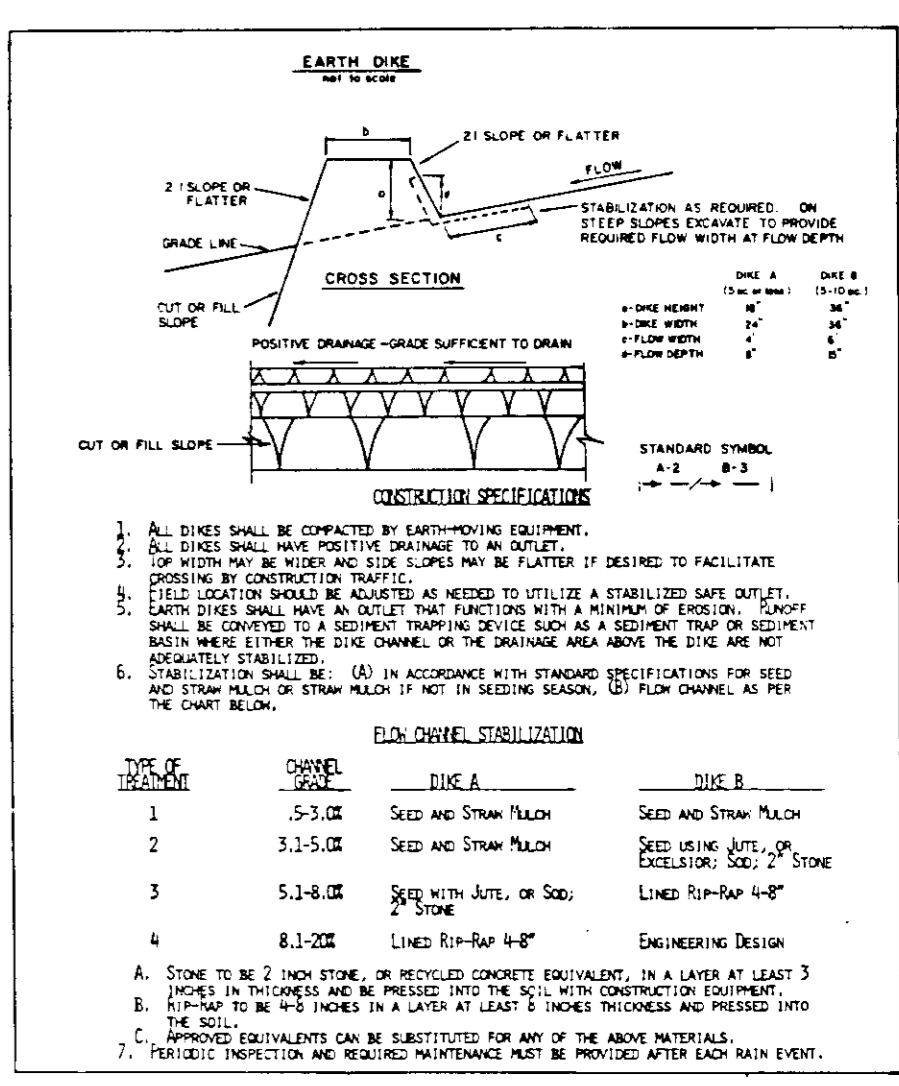
SCALE: NOT TO SCALE
SHEET NO. 5 OF 7



VICINITY MAP
SCALE: 1" = 2000'
COORDINATES SHOWN HEREON ARE BASED ON PLANE COORDINATES MARYLAND STATE GRID SYSTEM "BERKE" AZIMUTH MARK 1964" - N 477,803.34 E 854,187.53

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE **9-18-86**

EXISTING STABILIZED CONSTRUCTION ENTRANCE (SEE) APPROVED CHANGE LEADING TO SITE-50' SETBACK SEE TO BE MAINTAINED AT THE DISCRETION OF INSPECTOR



- CONSTRUCTION SEQUENCE**
- 1) STORM DRAIN PERMIT.
 - 2) NOTIFY THE DRAINAGE SEDIMENT CONTROL INSPECTOR FOR HOWARD COUNTY.
 - 3) REFER TO APPROVED GRADING PERMIT GP 86-50 FOR SEDIMENT CONTROL MEASURES THAT ARE TO BE MAINTAINED DURING CONSTRUCTION ON SITE.
 - 4) INSTALL EXISTING AS REQUIRED.
 - 5) INSTALL CUT FENCE AS SHOWN ON PLAN.
 - 6) GRADE SITE TO PROPOSED GRADE. STABILIZE INACTIVE DISTURBED AREAS.
 - 7) CONSTRUCT PROPOSED STORM DRAINS & PROVIDE INLET PROTECTION PER DETAILS SHEET 307.7. CONSTRUCT WATER & SEWER HOUSE CONNECTION. STABILIZE INACTIVE DISTURBED AREAS.
 - 8) DIP & STABILIZATION OF ALL DISTURBED AREAS AND AUTHORIZATION BY THE INSPECTOR TO REMOVE SEDIMENT CONTROL DEVICES.

B.W.I.P.
BLOCK 'E'
PARCEL 'P'
PLAT No. 6523

- NOTES:**
- 1) FOR DETAILS & SPECIFICATIONS SEE SHEET 307.7.
 - 2) STORM WATER MANAGEMENT FOR THIS SITE APPROVED UNDER GRADING PERMIT GP 86-50.
 - 3) SEDIMENT CONTROL POND APPROVED UNDER GP 86-50 WILL REMAIN AS SEDIMENT CONTROL POND DURING CONSTRUCTION ON THIS SITE.
 - 4) FOR DRAINAGE AREA MAP SEE SHEET 207.7.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
DATE: 11-6-86
11-6-86

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
DATE: 11-10-86
11-12-86
11-2-86

ENGINEER'S CERTIFICATE
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".
C. Robert Shinn
10-16-86

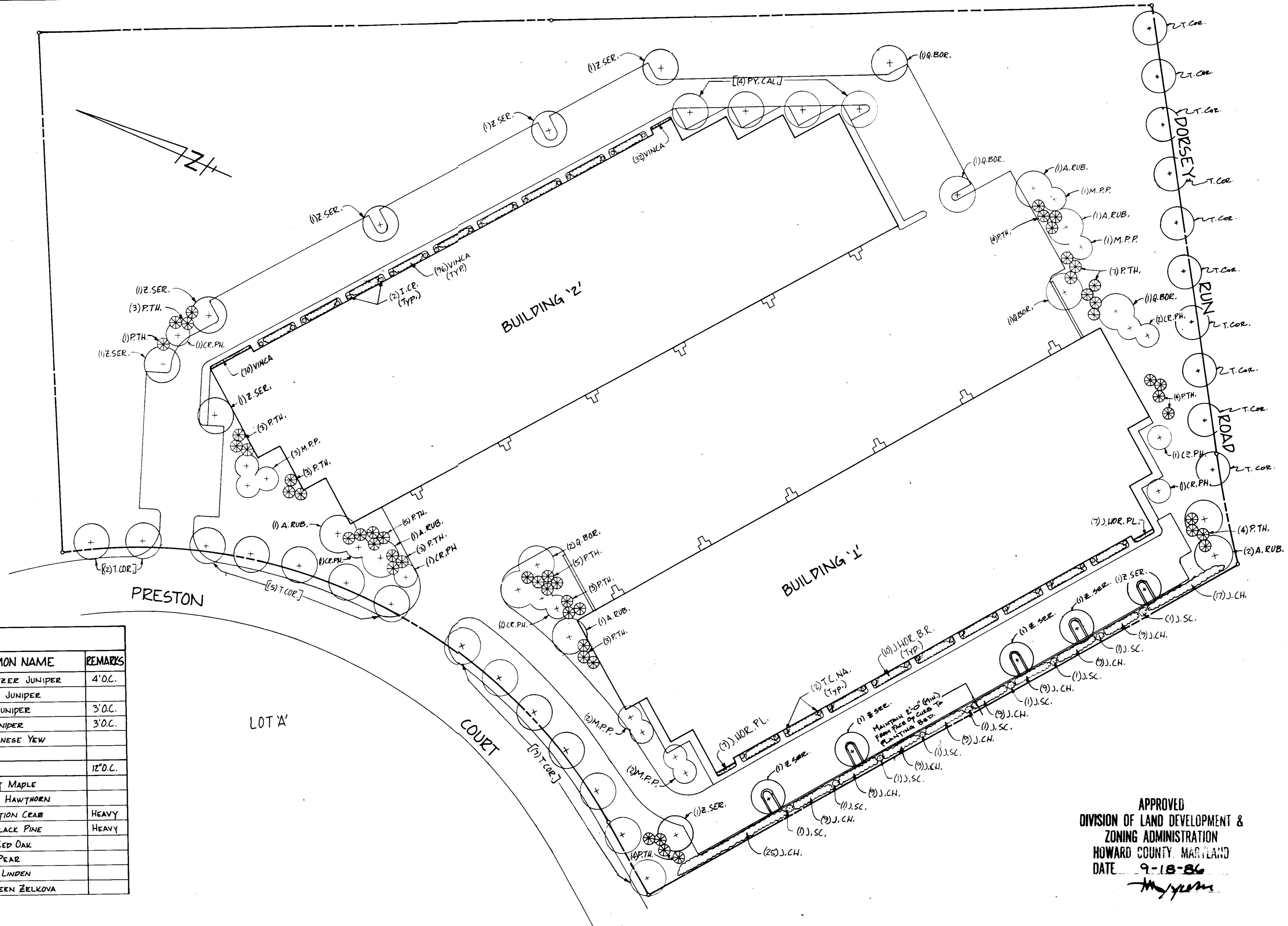


NO.	REVISION	DATE
1	AS PER STORAGE	4-25-84

OWNER / DEVELOPER
JOSEPH J. HOCK, INC.
5501 BELLE GROVE RD.
BALTIMORE, MD. 21225
(301)-789-1480
THE ARUNDEL CORPORATION
110 WEST ED.
TOWSON, MD. 21204
(301)-296-6400

PEVE LOPPE'S CERTIFICATE
I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. 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 UNTIL AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT.
6-27-86

SDP-86-285
HOWARD SOIL CONSERVATION DISTRICT
THE DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
Stephen L. Parker
APPROVED HOWARD SOIL CONSERVATION DISTRICT
DATE: 11-4-86
REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
James McVane
THE UNITED STATES SOIL CONSERVATION SERVICE
DATE: 11-4-86
BALTIMORE WASHINGTON INDUSTRIAL PARK-SEC II
LOT 'D'
"SEDIMENT & EROSION CONTROL PLAN"
SELECTION 2 SHEET
HOWARD COUNTY, MD
SDP-86-285
SCALE: 1" = 40'
SHEET NO. 6 OF 7



PLANT LIST

TYPE	ABBR.	QUANTITY	SIZE	BOTANICAL NAME	COMMON NAME	REMARKS
SHRUBS	J.CH.	114	18-24"	JUNIPERUS CH. PFITZER COMPACTA	COMPACT PFITZER JUNIPER	4'O.C.
	J.S.C.	9	4-5' B&B	JUNIPERUS SCOPULORUM BLUE HAVEN	BLUE HAVEN JUNIPER	
	J.HOR.B.R.	90	15-18"	JUNIPER HOR. 'BLUE RUG'	BLUE RUG JUNIPER	3'O.C.
	J.HOR.PL.	14	18-24"	JUNIPER HOR. 'PLUMOSA'	ANDORRA JUNIPER	3'O.C.
	T.C.NA.	18	15-18"	TAXUS CUSPIDATA 'NANA'	DWARF JAPANESE YEW	
	I.C.R.	18	18-24"	ILEX CRENATA HETZL	HETZL HOLLY	
	G.C.	VINCA	766	2" POT	VINCA MINOR	12'O.C.
TREES	A.RUB.	7	2 1/2" CAL. B&B	ACER RUBRUM 'RED SUNSET'	RED SUNSET MAPLE	
	CR.PH.	9	8-10" B&B	CRATAEGUS PHAENOPYRUM	WASHINGTON HAWTHORN	
	M.P.P.	9	8-10" B&B	MALUS 'PINK PERFECTION'	PINK PERFECTION CRAB	HEAVY
	P.TH.	52	6-7" B&B	PINUS THUNBERGI	JAPANESE BLACK PINE	HEAVY
	Q.BOR.	6	2 1/2" CAL. B&B	QUERCUS BOREALIS	NORTHERN RED OAK	
	PY.CAL.	4	2 1/2" CAL. B&B	PYRUS CALLERYANA 'BRADFORD'	BRADFORD PEAR	
	T.COR.	24	2 1/2" CAL. B&B	TILIA CORDATA 'GREENSPIRE'	GREENSPIRE LINDEN	
	Z.SER.	12	2 1/2" CAL. B&B	ZELKOVA SERRATA 'VILLAGE GREEN'	VILLAGE GREEN ZELKOVA	

* THIS PLAN WAS PREPARED FROM A DRAWING PREPARED BY: BLAIR GATES FARRAND LANDSCAPE ARCHITECT (REV. 8-22-86 per Ho.Co. Comments)

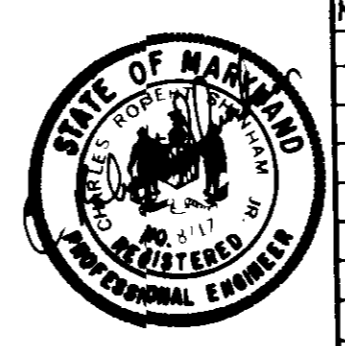
APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-18-86
Myerson

NOTE: 1. ALL DISTURBED AREAS NOT TO BE PAVED OR PLANTED SHALL BE SEEDED AS SPECIFIED.
2. ALL PLANTING SHALL COMPLY WITH 'LANDSCAPE SPECIFICATION GUIDELINES FOR METRO. BALTO. & WASH. AREAS' BY L.C.A.M.W. AND MD. A.S.L.A..
INCLUDE ONE YEAR PLANT GUARANTEE.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
James C. Nunn
DIRECTOR
11-6-86
DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
James C. Nunn
COUNTY HEALTH OFFICER
11-10-86
DATE
APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
James C. Nunn
DIRECTOR
11-12-86
DATE
APPROVED
James C. Nunn
CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
DATE

THE ARUNDEL CORPORATION
ARUNDEL CORPORATE CENTER, SUITE 100
110 WEST RD. TOWSON, MD 21204
(301) 296-6400
LAND PLANNERS, LAND SURVEYORS, CIVIL ENGINEERS



NO.	REVISION	DATE
1	Per Ho.Co. Comments	8-22-86
2		9-24-86

OWNER / DEVELOPER
JOSEPH J. HOCK, INC.
5501 BELLE GROVE RD
BALTIMORE, MD 21225
(301) 789-4400

THE ARUNDEL CORPORATION
110 WEST RD.
TOWSON, MD 21204
(301) 296-6400

DEVELOPER
Joseph A. Bueton
JOSEPH A. BUETON, CHAIRMAN, J.J. HOCK, INC.
6-27-86
DATE

BALTIMORE WASHINGTON INDUSTRIAL PARK-SEC II
LOT 'D'
LANDSCAPING PLAN
6" MELECTION DIS 2" ICT
TAX MAP NO. 48
HOWARD COUNTY, MD
JUNE 26, 1986
SDP-86-285

SCALE: 1" = 40'
SHEET NO. 7 OF 7