

LEGEND

- Ex. Contours --- [219] ---
 - Prop. Contours --- 220 ---
- Note: 1) For Drainage Profiles See Sheet 3.
 2) For General Notes See Sheet 2.
 3) For Section A-A See Sheet 2.
 4) No Fences, Walls or Signs to be Constructed.
 5) Six Ft. High White Pine Screening Shall be provided along ALADDIN ROAD.

This development plan is approved for soil erosion and sediment control by the Howard Soil Conservation District.

Reviewed *James M. Hill* 10-10-74
 District Conservationist Date

Approved *Robert J. Zich* 10-10-74
 HOWARD SOIL CONSERVATION DISTRICT Date

APPROVED: For Public Water And Public Sewerage Systems, Howard Co Health Dept.
James M. Hill 10/18/74
 COUNTY HEALTH OFFICER DATE

APPROVED: Howard County Office of Planning & Zoning
James M. Hill 10/22/74
 PLANNING DIRECTOR DATE

APPROVED: Division of Land Development & Transportation Planning
James M. Hill 10/22/74
 DATE

APPROVED: For Public Water, Public Sewerage and Storm Drainage systems and Roads
 Howard County Department of Public Works
William A. Axtell 10/21/74
 DIRECTOR DATE

APPROVED: Chief, Bureau of Highways
James M. Hill 10/10/74
 DATE

SITE DATA

TOTAL AREA OF TRACT	16.53 Ac. ±
EXISTING ZONING	M-1
TAX MAP NO.	43
TOTAL PARKING SPACES REQ'D @ 2 EMPLOYEES/SPACE	78
NA Visitor Spaces Provided	101
NA Employee Spaces Provided	210
Total Spaces Provided	311
TOTAL FLOOR AREA	235,465
TOTAL SALES AREA	None
TOTAL AVERAGE DAILY TRAFFIC	918
NO. OF EMPLOYEES	157
Proposed Use of Buildings	Warehouse

Note: All Driveways and Parking Facilities to be Private.

**FINAL SITE DEVELOPMENT PLAN
 DWG NO. 1 OF 4
 PORT CAPITAL CENTER**

ELECT. DIST. NO. 1 HOWARD CO. MD.
 SCALE: 1" = 50' JUNE 1974
 Tax Map No 43 Parcel No. 13

Joseph H. Neel
 Professional Engineer
 8273 6-24-74
 Reg. No. Date

ENGINEERS
 GEORGE W. STEPHENS JR. & ASSOC. INC.
 303 ALLEGHENY AVE.
 TOWSON, MARYLAND
 21204

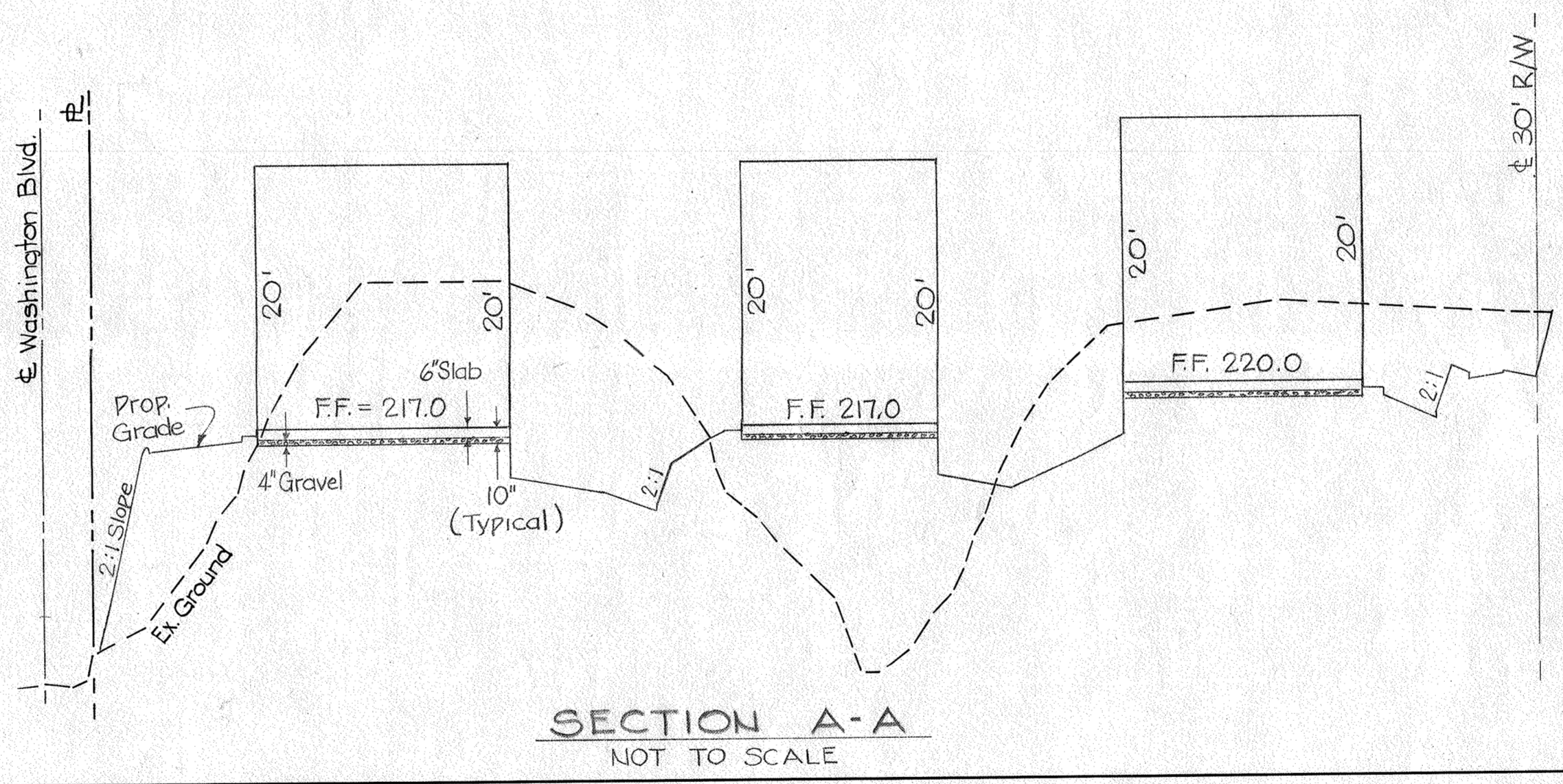
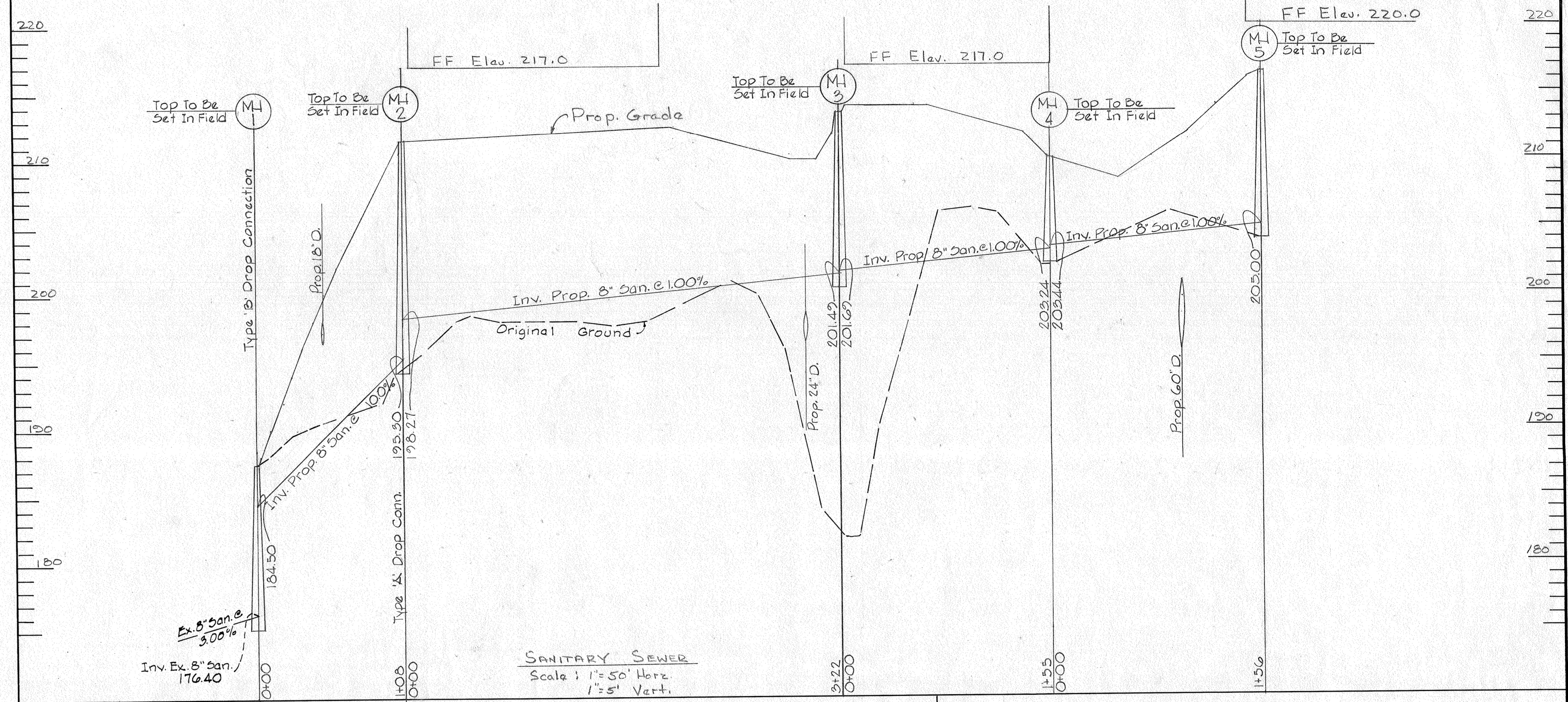
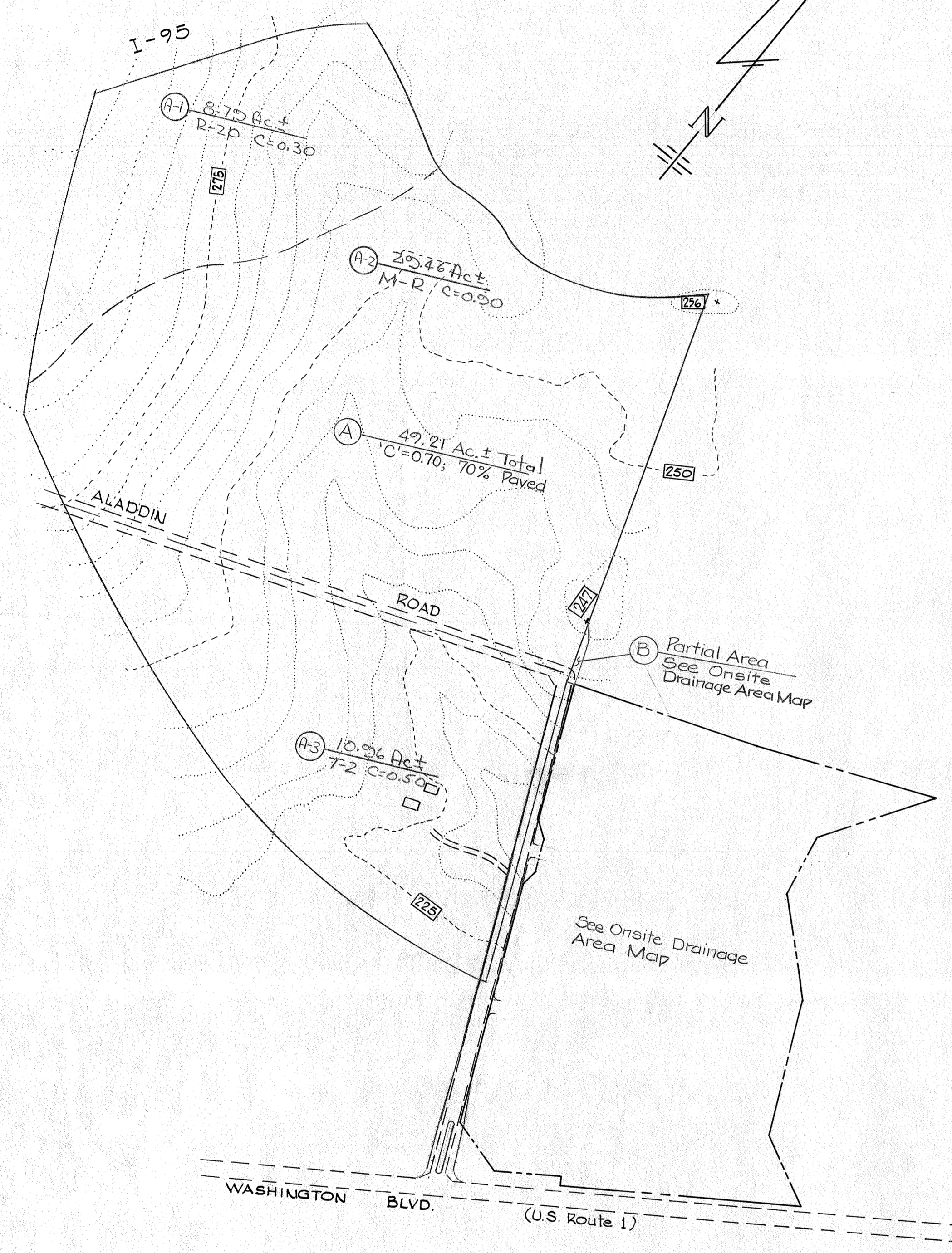
OWNER & DEVELOPER
 PORT CAPITAL CENTER
 FIDELITY BUILDING
 CHARLES & LEXINGTON ST.
 BALTIMORE, MARYLAND 21201

REV. 8-2-74
 REV. 8-19-74
 REV. 9-10-74
 REV. 9-21-74
 REV. 10-1-74
 508-74-124

This development plan is approved for soil erosion and sediment control by the Howard Soil Conservation District.

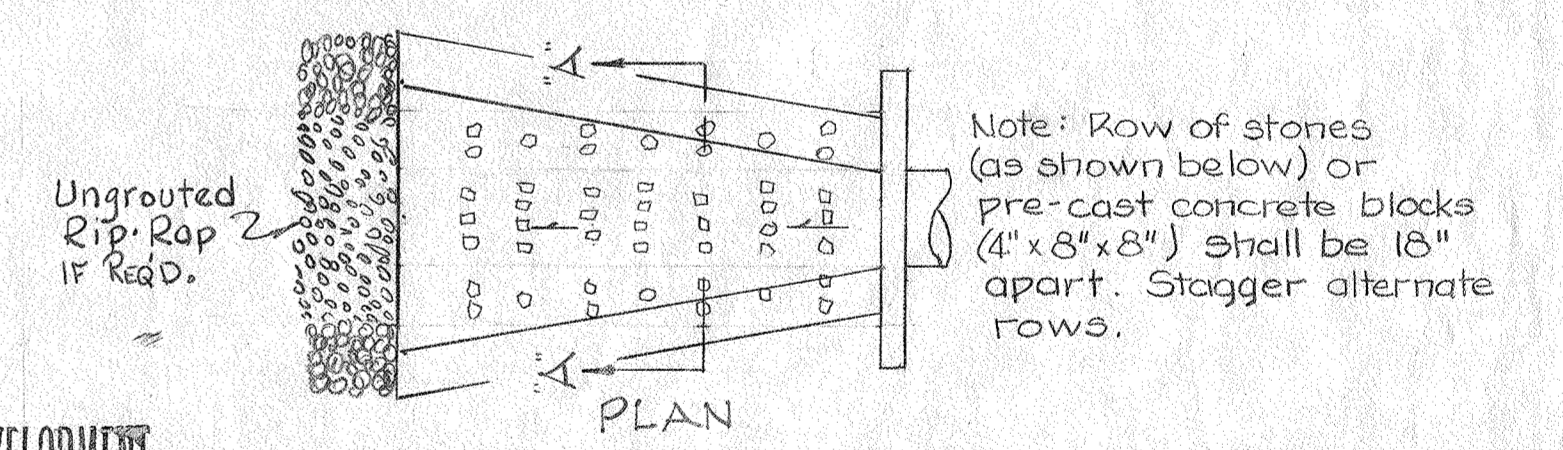
Reviewed *James M. Helm* 10-10-74
(District Conservationist) Date

Approved *Robert W. Ziehm* 10-10-74
HOWARD SOIL CONSERVATION DISTRICT Date



GENERAL NOTES

- All Disturbed Areas To Be Seeded In Accordance With The HOWARD SOIL CONSERVATION DISTRICT APPROVED SOIL EROSION CONTROL PLAN For This Subject Site.
- Storm Water Retention To Be Accomplished By Roof Storage. (See Data)
- Rip Rap As Shown On Drain Outfalls Shall Be UngROUTED Medium Rip Rap And Layed Over A Poly Filter Erosion Control Cloth Stapled To Existing Ground.
- All Paving Materials Used Will Meet The Requirements Of Howard County Road Code And Specifications.
- Energy Dissipating Gutter To Be Constructed Per S.H.A. Standard No. MD-387.11. See Detail This Sheet.
- For Port Capital Drive Information See Road Plan.
- Proposed Curb & Gutter To Be Howard Co. Standard 7" C4G.
- Property Recorded In Land Records Of Howard Co. In Liber 676, Folio 19.
- Traffic Control Facilities To Be Constructed In Accordance With The Latest Edition Of Manual On Uniform Traffic Control Devices.



OFFSITE DRAINAGE AREA MAP
SCALE: 1" = 200'

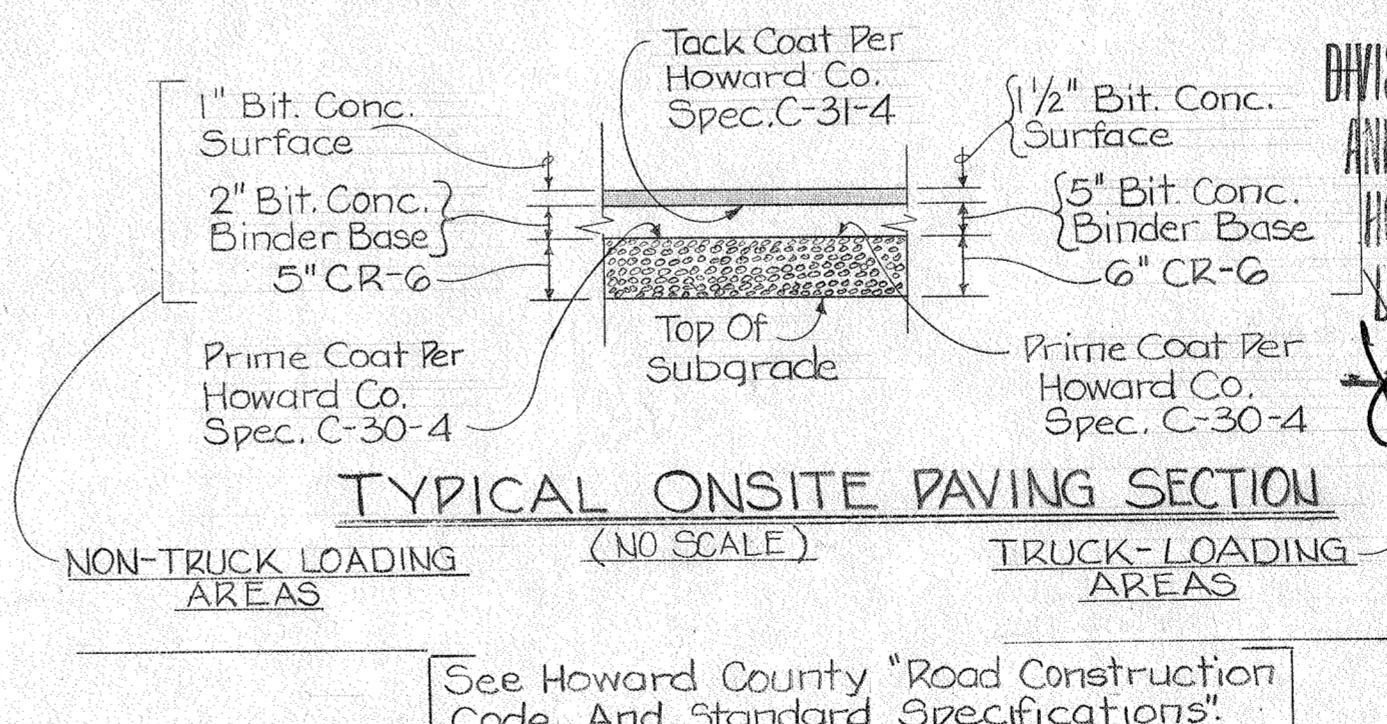
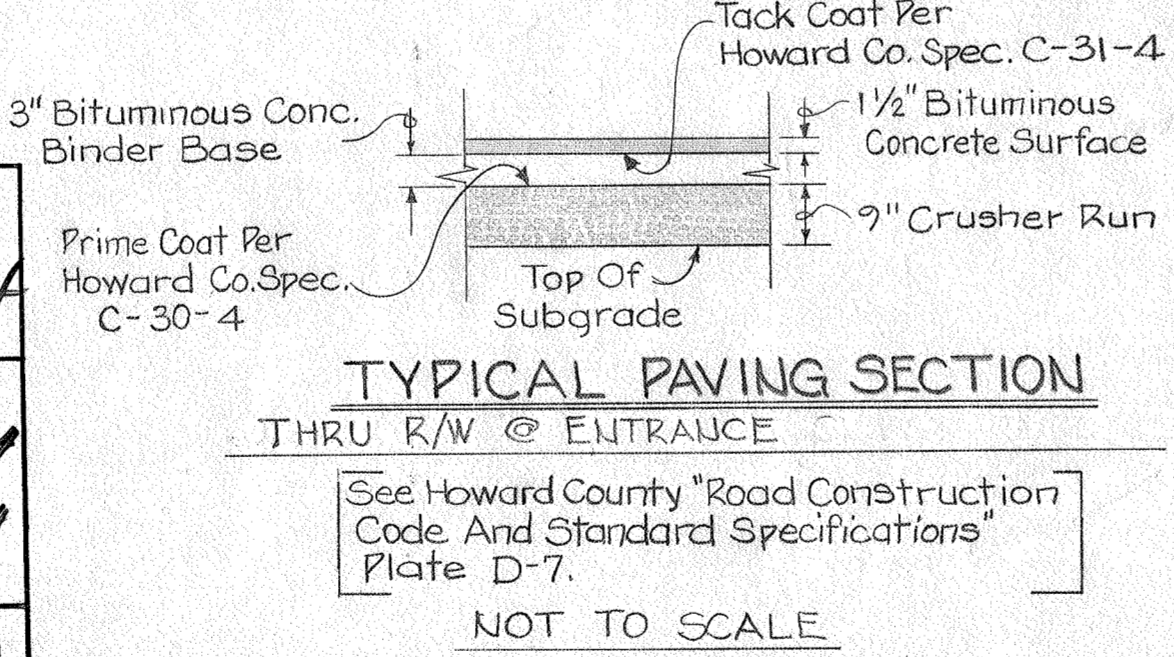
AREA	C	C.A	DESCRIPTION
1.04	0.20	0.208	Flood Plain
4.15	0.30	1.245	Non-Paved
11.34	0.95	10.773	Paved
16.53	0.74	12.226	Composite "C"

From Chart Req'd Storage 67,000 C.F.
S.F. Roof Area 235,465 S.F.
Depth of Roof Storage 0.28'
(Each Building)

APPROVED: For Public Water And Public Sewerage Systems, Howard Co. Health Dept.
Robert W. Ziehm 10/28/74
COUNTY HEALTH OFFICER DATE

APPROVED: Howard County Office of Planning & Zoning
Sharon L. Harris 10/28/74
PLANNING DIRECTOR DATE

APPROVED: For Public Water, Public Sewerage & Storm Drainage Systems and Roads
Howard County Department of Public Works
William A. Utman 10/21/74
DIRECTOR DATE



FINAL SITE DEVELOPMENT PLAN
DWG. NO. 2 OF 4
PORT CAPITAL CENTER

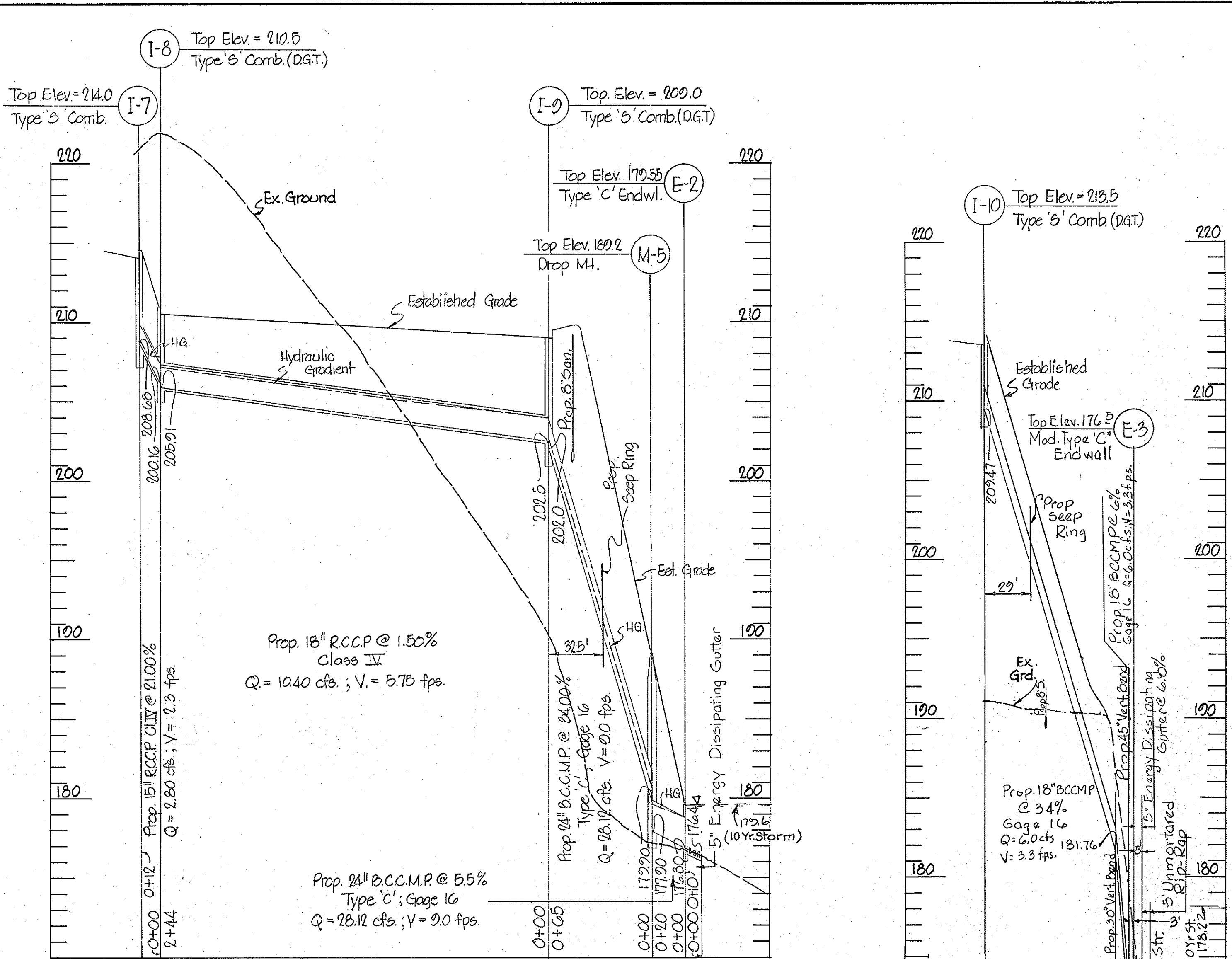
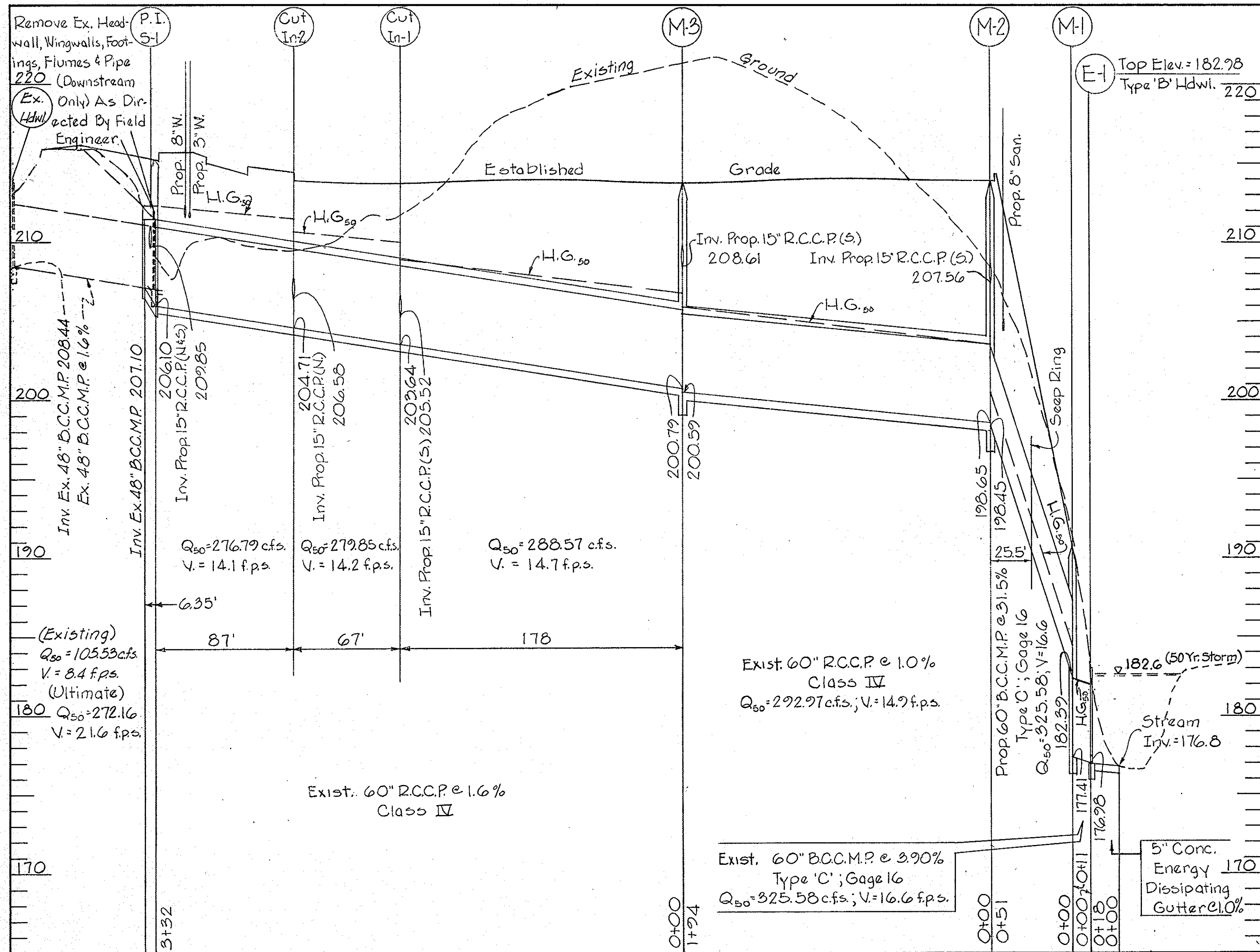
Joseph A. Neck Jr.
Professional Engineer
8973 6-24-74
Reg. No. Date

OWNER & DEVELOPER
PORT CAPITAL CENTER
FIDELITY BUILDING
CHARLES & LEXINGTON ST.
BALTIMORE, MARYLAND 21201

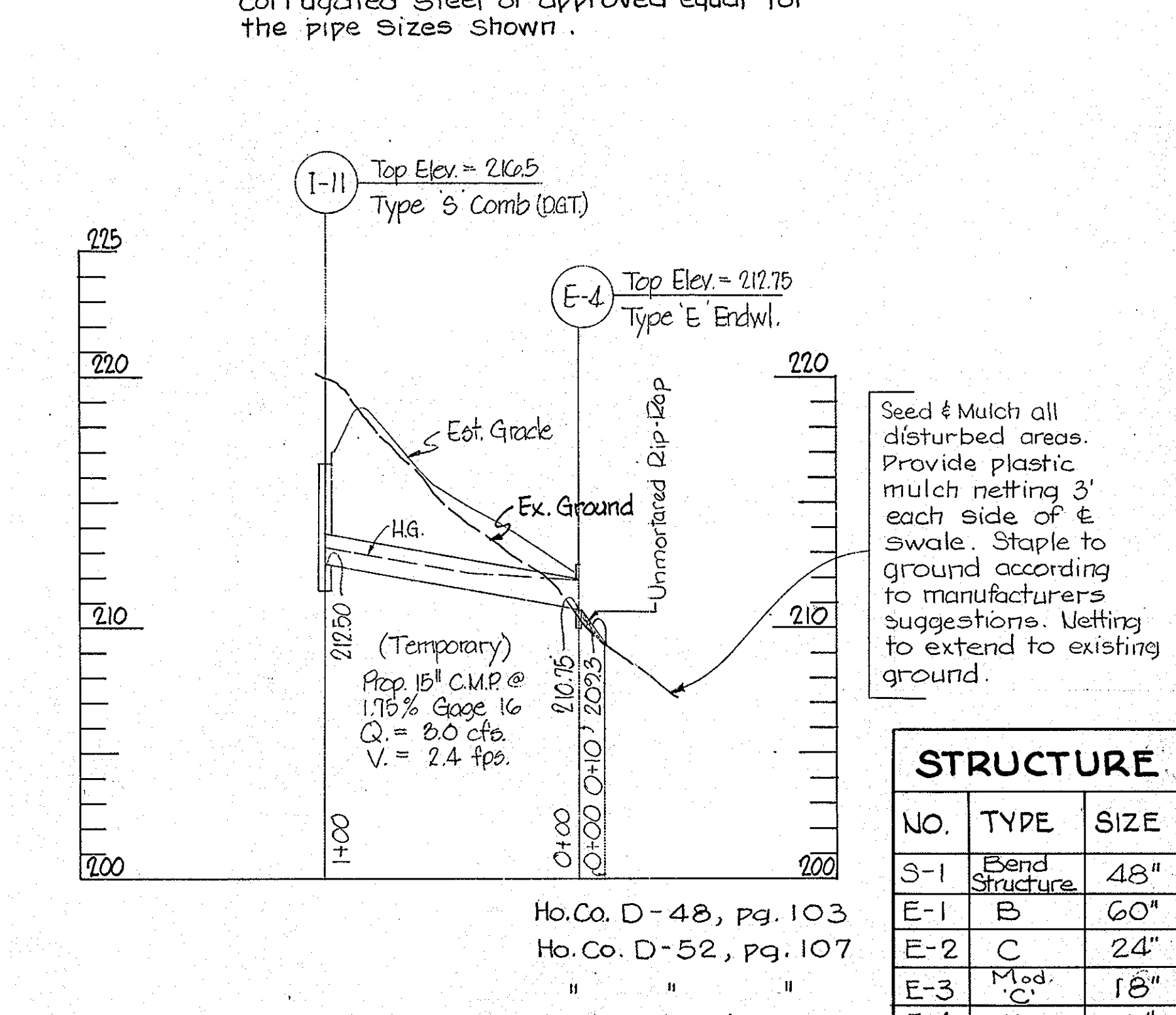
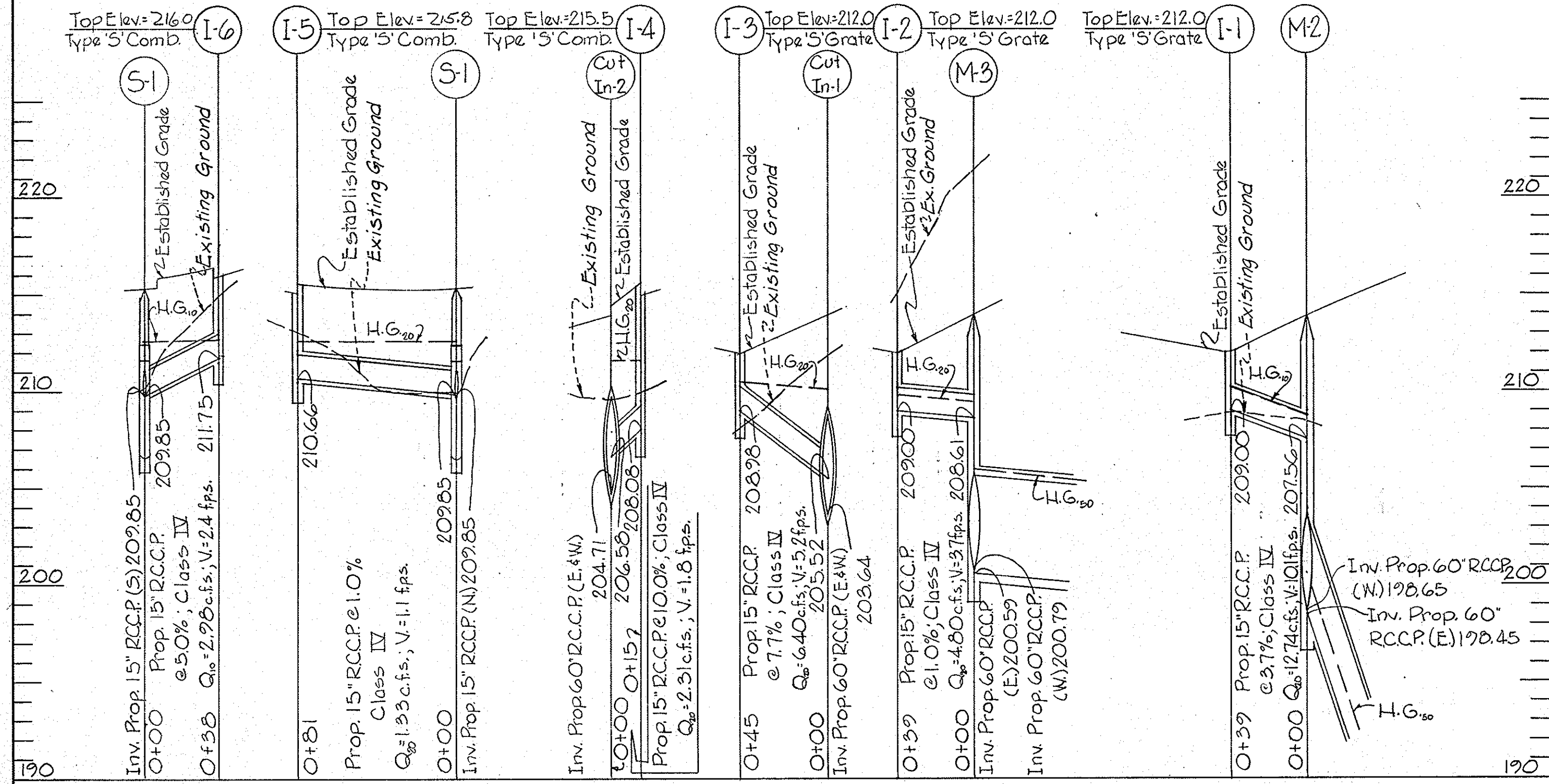
ENGINEERS
GEORGE W. STEPHENS JR. & ASSOC. INC.
303 ALLEGHENY AVE.
TOWSON, MARYLAND 21204

ELECT. DIST. NO. 1 HOWARD CO., MD.
SCALE: As Shown JUNE 1974

REV. 8-17-74
REV. 9-10-74
REV. 9-20-74
REV. 10-1-74
50P-74-124



Note: Proposed Seep Rings to be Beth-Cu-Loy corrugated steel or approved equal for the pipe sizes shown.



INLET SCHEDULE			
NO.	TYPE	TOP ELEVATION	INVERT ELEVATION
I-1	S-Grate	212.0	209.00
I-2	S-Grate	212.0	209.00
I-3	S-Grate	212.0	208.98
I-4	S-Comb.	215.5	208.08
I-5	S-Comb.	215.8	210.66
I-6	S-Comb.	216.3	211.75
I-7	S-Comb.	214.0	208.68
I-8	S-Comb.(D.G.T.)	210.5	205.91
I-9	S-Comb.(D.G.T.)	209.0	202.00
I-10	S-Comb.(D.G.T.)	213.5	209.41
I-11	S-Comb.(D.G.T.)	216.5	212.50

STRUCTURE SCHEDULE				
NO.	TYPE	SIZE	TOP ELEVATION	INV. OUT
S-1	Box Structure	48"	215.2	206.10
E-1	C	60"	182.98	176.98
E-2	C	24"	179.55	176.80
E-3	Mod. C	18"	176.8	171.80
E-4	E	15"	212.75	210.75

MANHOLE SCHEDULE				
NO.	TYPE	SIZE	TOP ELEVATION	INV. OUT
M-1	C	60"	191.0	177.41
M-2	C	60"	214.0	198.45
M-3	C	60"	213.8	200.59
M-5	A-1	48"	189.2	177.90

Joseph H. Neek
Professional Engineer
8973 Reg. No.
9/27/74 Date

APPROVED: For Public Water, Public Sewerage & Storm Drainage Systems & Roads
Howard County Department of Public Works
William A. Altman 10/21/74 DATE
DIRECTOR
J. M. McElwain 10/10/74 DATE
Chief, Bureau of Highways

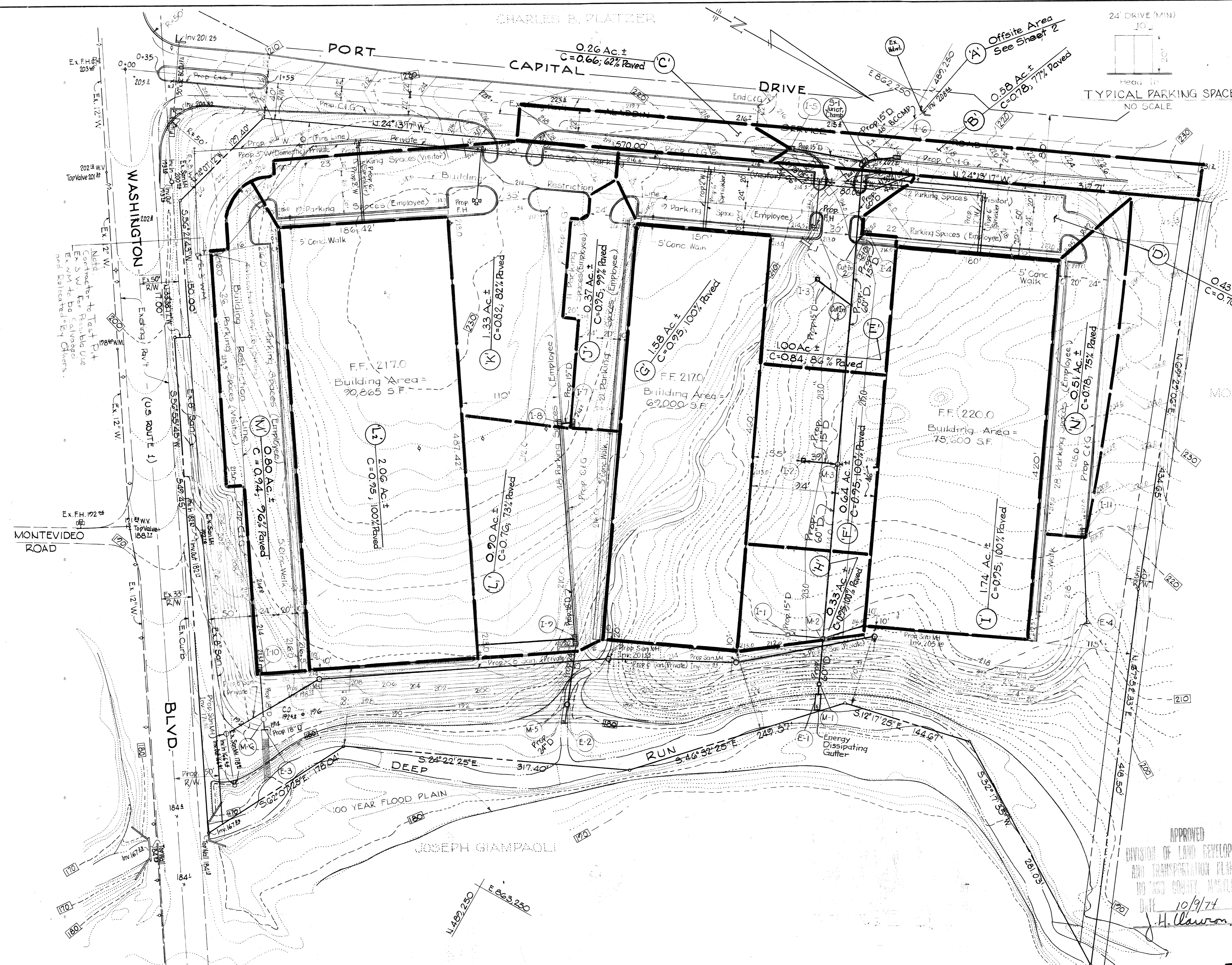
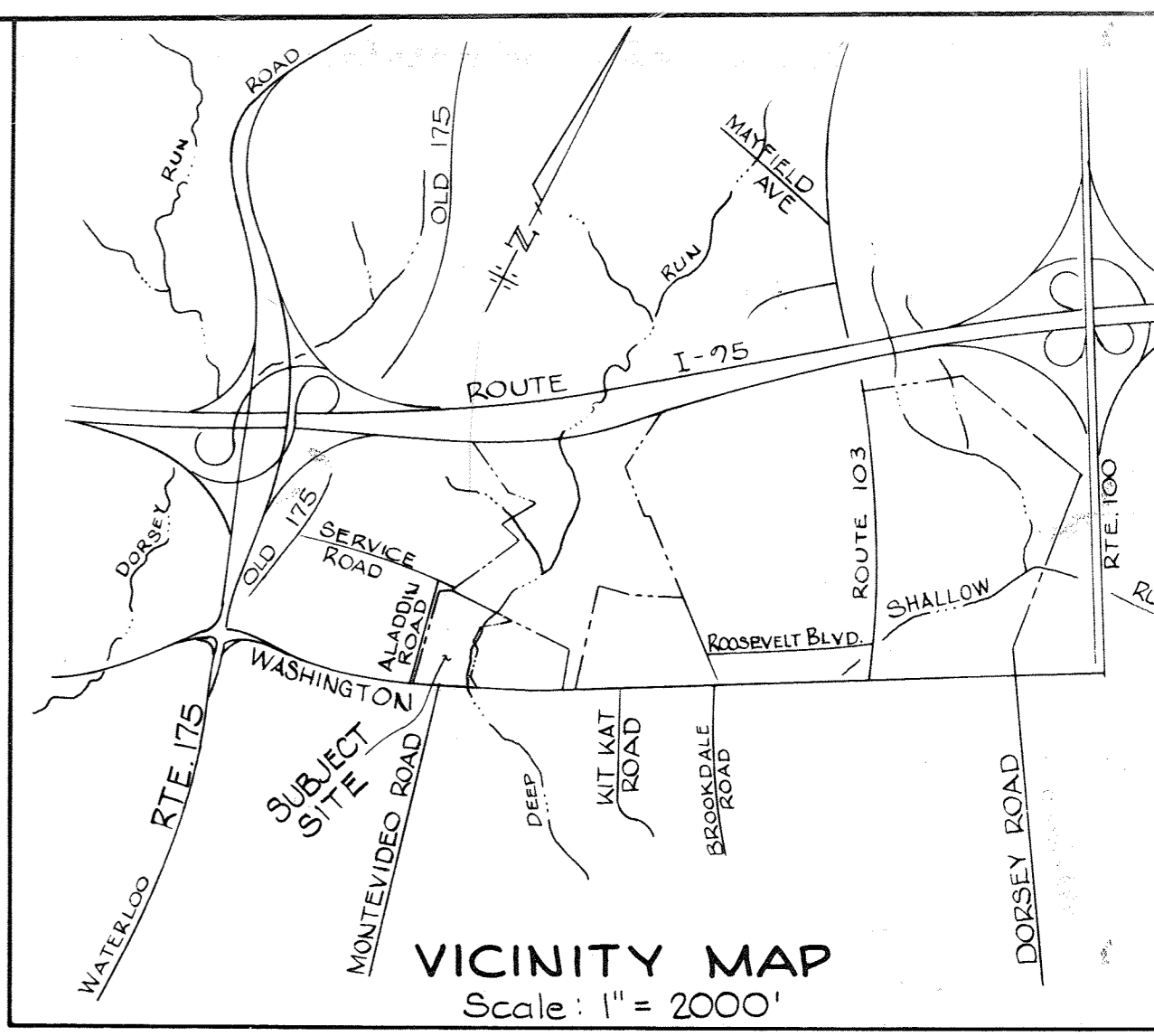
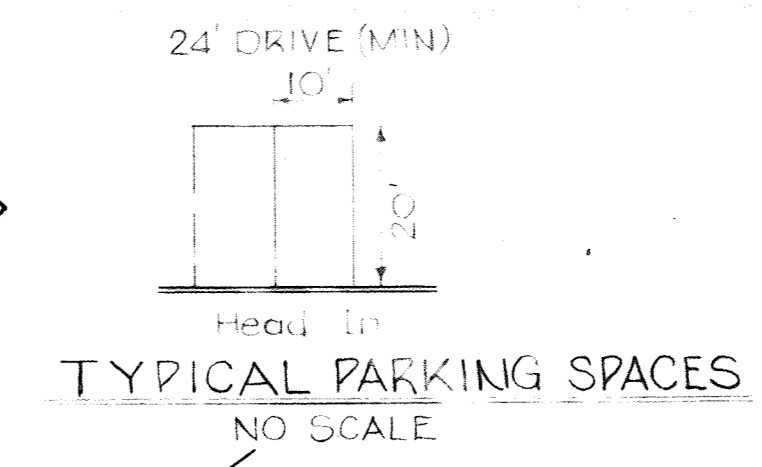
APPROVED: Howard County Office of Planning & Zoning
Thomas J. Harris 10/12/74 DATE
PLANNING DIRECTOR
J. P. Lawson 11/22/74 DATE
Chief, Division of Land Development & Transportation Planning

APPROVED: For Public Water And Public Sewerage Systems, Howard Co. Health Dept.
W. J. [Signature] 10/29/74 DATE
COUNTY HEALTH OFFICER

APPROVED
DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 10/9/74
J. H. [Signature]

STORM DRAINS
PORT CAPITAL CENTER
SHEET 3 of 4
Scale: Horiz. 1"=50'
Vert. 1"=5'
June, 1974
Rev. July, 1974
8-10-74
10-1-74
SOP-74-124

CHARLES B. PLATZER



MORRIS J. GUREVICH

LEGEND

- Ex. Contours --- [217] ---
- Prop. Contours --- 220 ---

APPROVED: For Public Water And Public Sewerage Systems, Howard Co. Health Dept.	<i>[Signature]</i>	10/28/74
COUNTY HEALTH OFFICER		DATE
APPROVED: Howard County Office of Planning & Zoning	<i>[Signature]</i>	10/28/74
PLANNING DIRECTOR		DATE
Chief, Division of Land Development & Transportation Planning	<i>[Signature]</i>	11/28/74
APPROVED: For Public Water, Public Sewerage & Storm Drainage Systems and Roads	<i>[Signature]</i>	10/19/74
Howard County Department of Public Works		DATE
DIRECTOR	<i>[Signature]</i>	10/19/74
Chief, Bureau of Highways		DATE

APPROVED
DIVISION OF LAND DEVELOPMENT
AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 10/9/74
J. H. Lawson, Jr.

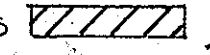
ONSITE DRAINAGE AREA MAP
PORT CAPITAL CENTER

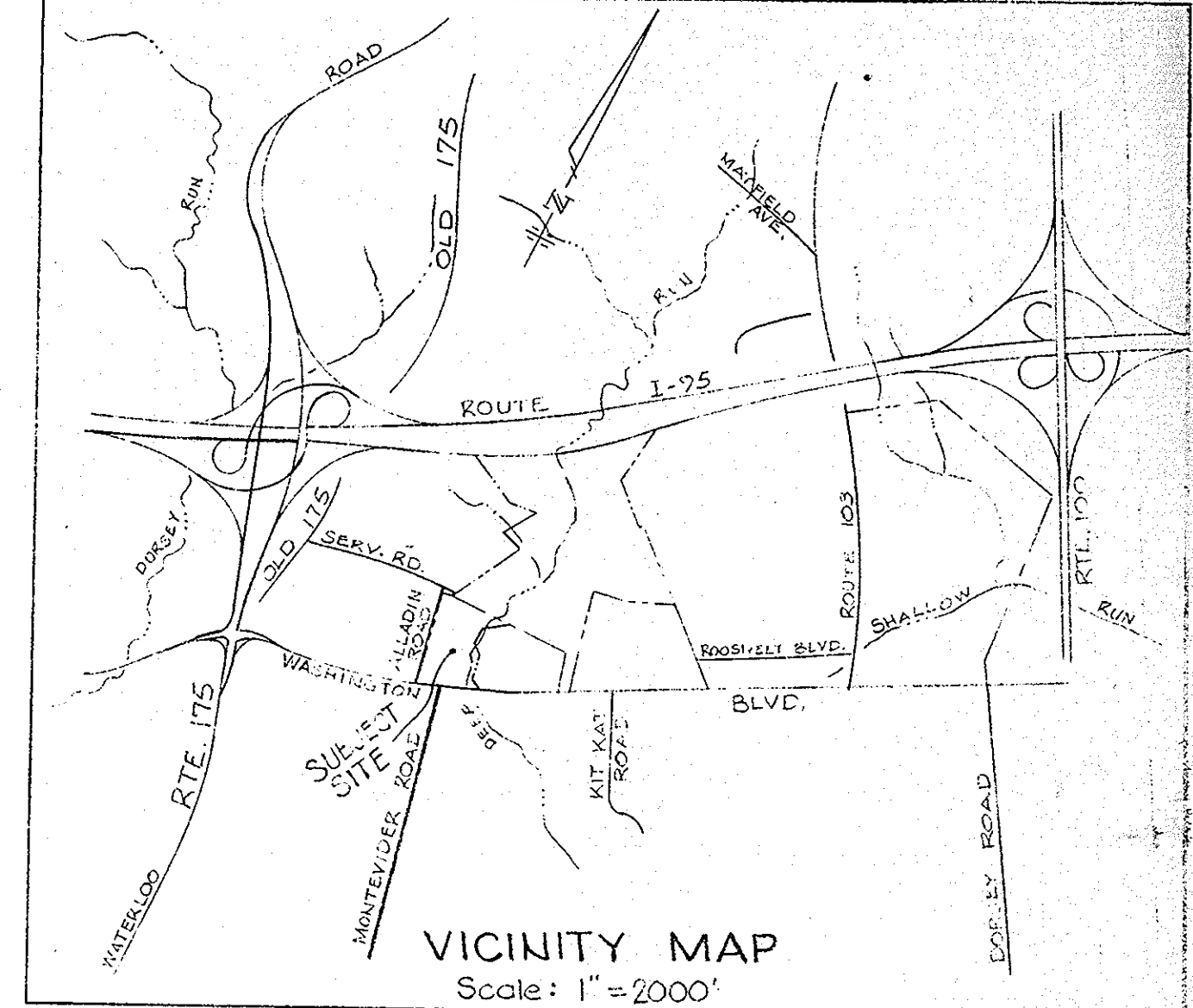
SHEET 4 of 4
ELECT. DIST. NO. 1 HOWARD CO., MD.
SCALE: 1" = 50' JUNE 19, 1974
Tax Map No. 43 Parcel No. 13

Joseph A. Necking
Professional Engineer
8973
Req. No. 5/27/74
Date

ENGINEERS
GEORGE W. STEPHENS JR. & ASSOC. INC.
303 ALLEGHENY AVE.
TOWSON, MARYLAND
21204

OWNER & DEVELOPER
PORT CAPITAL CENTER
FIDELITY BUILDING
CHARLES & LEXINGTON ST.
BALTIMORE, MARYLAND 21201

NOTE: Ex. Ditch Areas (Shown thus )
Are to Remain Undisturbed
Until All Onsite Areas
Are Stabilized.



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.

Joseph H. Neck 8973 5/6/74
Engineer's Signature Reg. No. Date

DEVELOPER'S CERTIFICATE

I Certify That All Development And/Or Construction Will Be Done According To This Plan of Development And Plan For Erosion And Sediment Control, And I Also Authorize Periodic Onsite 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.

By: *Howard L. Christof* 5/6/74
Developer's Agent Date

HOWARD SOIL CONSERVATION DISTRICT

This development plan is approved for soil erosion and sediment control by the Howard Soil Conservation District.

Approved: *Robert W. Ziehm* 10-10-74
Howard Soil Conservation District Date

Reviewed for Howard S.C.D.
Name and meets technical requirements.

James H. Nelson 10-10-74
Signature U.S. Soil Conservation Service Date

Preliminary (Initial Grading Only)
EROSION CONTROL PLAN
PORT CAPITAL CENTER
Phase I
ELECT. DIST. NO. 1 HOWARD CO., MD.
SCALE: 1" = 50' MAY 1974

ENGINEERS
GEORGE W. STEPHENS JR. & ASSOC. INC.
303 ALLEGHENY AVE.
TOWSON, MARYLAND
21204

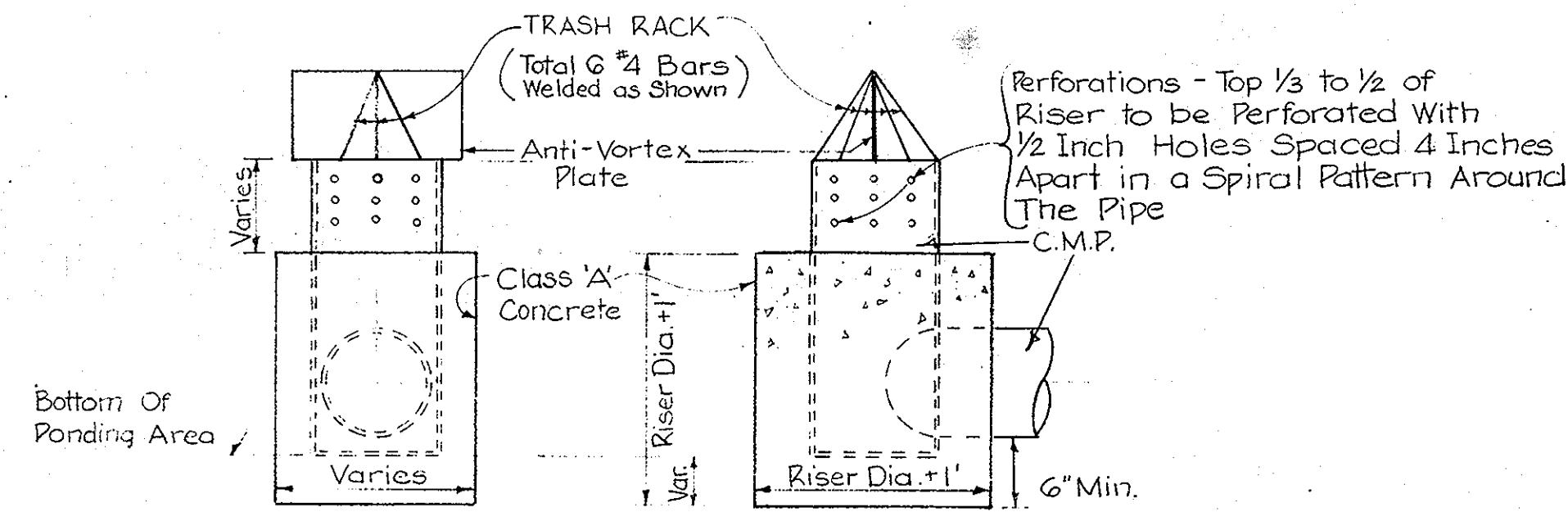
Joseph H. Neck
Professional Engineer
8973 5/6/74
Reg. No. Date

OWNER & DEVELOPER
PORT CAPITAL CENTER
FIDELITY BUILDING
CHARLES & LEXINGTON ST.
BALTIMORE, MARYLAND 21201

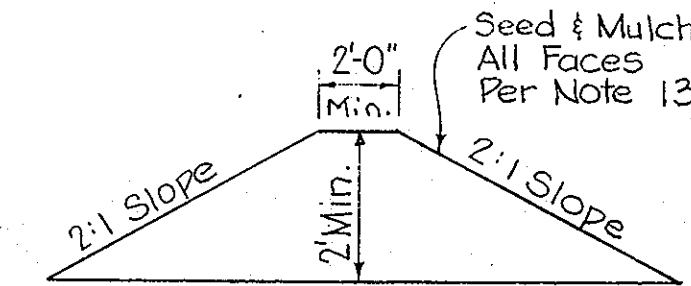
E-1

GENERAL NOTES

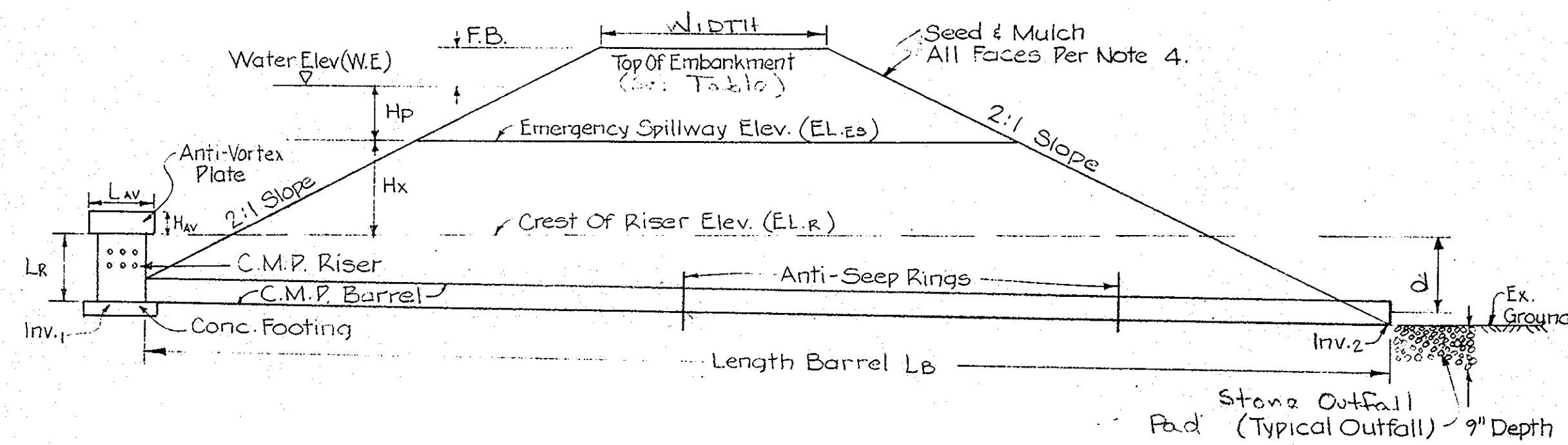
- Contractor To Install Sediment Basins At Locations Shown On This Plan And To Provide Maintenance Of Same Until Graded Areas Have Been Stabilized.
- TEMPORARY DRAINAGE: Temporary Grading Shall Be Performed As Required To Avoid Ponding Of Water.
- Temporary Diversion Dikes Shall Be In Place Prior To The End Of Each Days Work.
- PERMANENT SLOPE SEEDING: Seed Shall Be A Mixture Of 30% Inoculated Crownvetch And 70% Kentucky 31 Tall Fescue Applied At A Rate Of 60# Per Acre. Fertilizer Of An Analysis 5-10-10 Shall Be Used And Applied At A Rate Of 25# Per 1000 S.F. Lime Shall Be Applied At A Rate Of 50# Per 1000 S.F. Uniformly Mulch Area With Unweathered Small Grain Straw (Preferably Wheat) At A Rate Of 1/2 T/ac. Anchor With Asphalt Mulch Tie Down, Using Liquid Asphalt Rapid Curing (RC-70, RC-250 or RC-800) At A Rate Of 0.1 Gal./S.Y.
- Outside Slope Of Basin No Greater Than 2:1 Slope. Seed & Mulch Using Permanent Slope Seeding.
- Contractor To Create Emergency Spillway At Location Shown On The Plan With 2:1 Side Slopes And Level Control Sections (See Detail) On Existing Ground.
- Contractor To Connect C.M.P. Barrel To Riser With Watertight Connections And Anti-Seep Rings (See Sediment Basin Detail). Riser And Barrel Is To Be Built For Final Erosion Control Measures. Anti-Seep Rings To Be Equally Spaced Along Barrel.
- Contractor To Install C.M.P. Riser Attached To A Conc. Base Or Approved Alternate With Watertight Connections And Anti-Vortex Plate Attached Firmly To The Top.
- Contractor To Install A Stone Outfall Pad At Location and to Size Shown On Plan.
- All Work To Be Done In Accordance With Plans And Specifications By The Howard Soil Conservation District And/OR State Of Maryland Soil Conservation Service.
- All Pipes To Be C.M. Pipe, 16 Gauge Of The Size Shown On The Drawing.
- Contractor To Place Diversion Dikes & Excavate Ditches At Locations Shown On Plan (See Detail).
- Contractor To Stabilize All Slopes Of Diversion Dikes With Temporary Seed & Mulch As Soon As Berm Is Placed. TEMPORARY SEEDING: Italian Ryegrass @ 0.80#/1000 S.F., Lime @ 4G#/1000 S.F., 10-10-10 Fertilizer @ 12#/1000 S.F. Mulch: As Required In Note No. 4.
- Stone Outfall Pads To Be Unmortared Medium Rip-Rap To Be Imbedded 9"± Into The Original Ground And Placed Upon Poly Filter Erosion Control Cloth. Pad To Be Sized As Stated On Plan View.
- Riser Pipe To Be Painted White Or Yellow From Cleanout Elevation To The Top Of Riser.
- Contractor To Notify The Bureau Of Inspection & Permits And The Howard Soil Conservation District 24 Hours Before Beginning Grading Operation.
- All Sediment Control Devices To Be Installed And Stabilized Prior To Beginning Any Other Grading On The Site.
- CONSTRUCTION ENTRANCE: 12 Inches Of Gravel Shall Be Placed In The Entrances As Shown On This Plan, For A Distance Of 50' From Ex. Edge Of Pavement And Shall Be No Less Than 24" In Width. This Gravel Shall Be Scarified And/OR Topped With Additional Gravel Whenever It Shall Become Ineffective In Removal Of Earth Materials From The Tires Of Vehicles Leaving The Site.



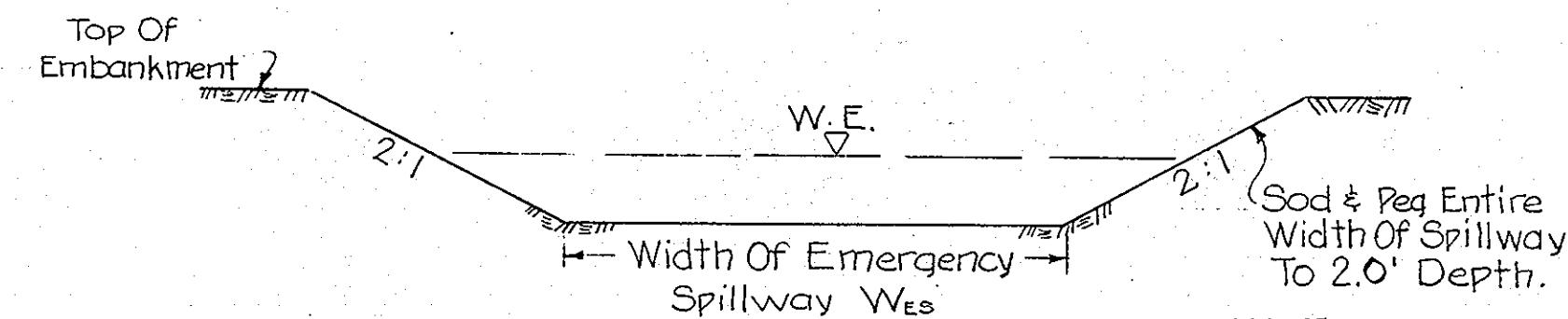
**RISER & BARREL CONNECTION
DETAIL**
NO SCALE



DIVERSION DIKE
NO SCALE



SEDIMENT BASIN
NO SCALE



EMERGENCY SPILLWAY DETAIL
NO SCALE

BASIN DATA																									
Basin No.	Vol. Req'd	Vol. Provided	Top Of Dam	DESIGN HIGH WATER	EL.ES	EL.R	BARREL Dia.	LB	RISER Dia.	LR	Hx	d	Hp	Wes	Qt	Qps	Qes	Inv. 1	Inv. 2	NO. OF ANTI-SEEP RINGS (Eq.)	WIDTH TOP OF EMBANKMENT	REMARKS	ANTI-VORTEX PLATE Lx	Hx	Cleanout Elevations
1	2.5	2.63	200.0	199.0	178.0	177.0	18"	82'	30"	13'	1'	16.25	1'	36'	104	22	8.2	184.0	180.0	2	10'	PHASE I	42"	18"	185.4
2	2.18	0.21	132.0	130.0	125.5	125.1	18"	31'	24"	4.5'	4.15				10.26	10.26		185.5	185.1	1	4'	PHASE I & PHASE II	36"	18"	189.5

**EROSION CONTROL PLAN
PORT CAPITAL CENTER**

ELECT. DIST. NO.1 HOWARD CO., MD.
SCALE: As Shown MAY 1974

ENGINEERS
GEORGE W. STEPHENS JR. & ASSOC. INC.
303 ALLEGHENY AVE.
TOWSON, MARYLAND
21204

OWNER & DEVELOPER
PORT CAPITAL CENTER
FIDELITY BUILDING
CHARLES & LEXINGTON ST.
BALTIMORE, MARYLAND 21201

E-2

Joseph H. Neck, Jr.
Professional Engineer
8973 5/6/74
Reg. No. Date