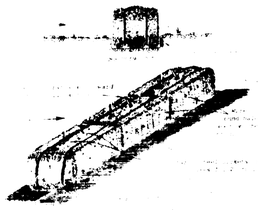
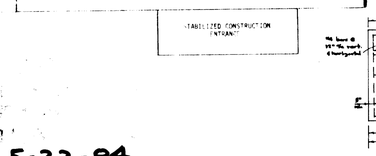
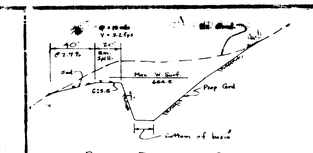
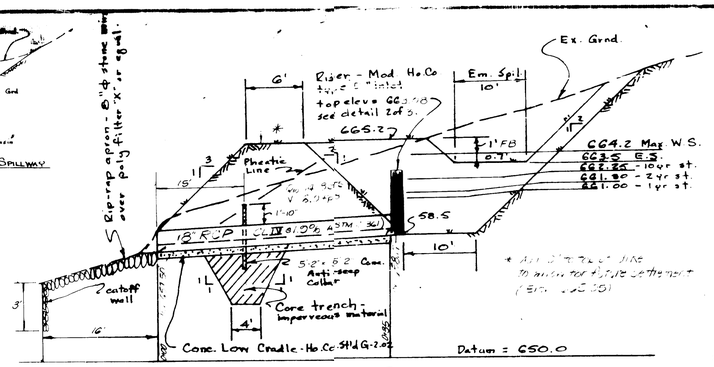


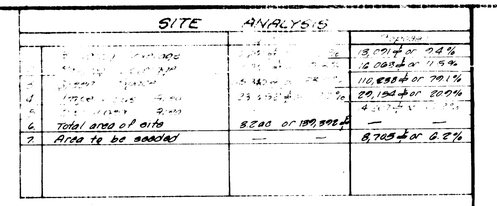




PROFILE - EMERGENCY SPILLWAY

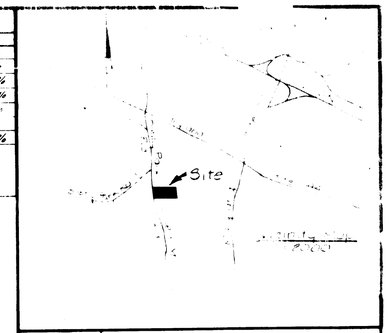


PROFILE - PIPE SPILLWAY
Scale: Hor. 1" = 10' Vert. 1" = 5'

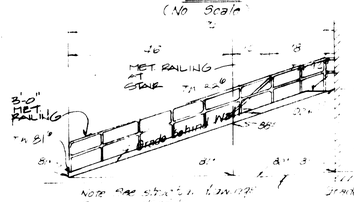


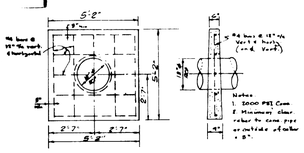
SITE ANALYSIS

1	[illegible]	[illegible]	[illegible]	18,015 ± or 9.4%
2	[illegible]	[illegible]	[illegible]	12,085 ± or 11.9%
3	[illegible]	[illegible]	[illegible]	110,888 ± or 79.1%
4	[illegible]	[illegible]	[illegible]	20,154 ± or 20.0%
5	[illegible]	[illegible]	[illegible]	4 [illegible]
6	Total area of site	8.240 ac. or 189,902 ±		—
7	Area to be seeded	—	—	8,705 ± or 6.2%

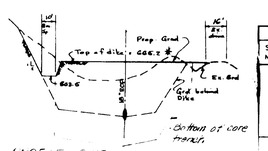


PROFILE RETAINING WALL
(No Scale)





CONCRETE ANTI-SEEP COLLAR



PROFILE DIKE
No Scale

* Add 3" to top of dike to allow for future settlement (Elev. 665.95)

PAVING SECTION

SECTION NUMBER	ROAD AND STREET CLASSIFICATION	PAVEMENT MATERIALS: FULL DEPTH BIT. CONC. ALTERNATE	PAVEMENT MATERIALS: GRANULAR BASE ALTERNATES
P-1	PARKING AREAS AND TRAVELWAYS APARTMENTS AND COMMERCIAL-INDUSTRIAL ZONES WITH NO HEAVY TRUCKS	1" BIT. CONC. SURFACE; 4" BIT. CONC. BASE	1" BIT. CONC. SURFACE; 2" BIT. CONC. BASE; PRIME; 5" CRUSHER RUN BASE COURSE OR 4" DENSE GRADED STABILIZED AGGREGATE BASE COURSE

PERC TEST DATE
legend
Old Perc Tests (not passing) ○
Old Perc Tests (passing) ⊘
New perc tests ●

ENGINEER'S CERTIFICATE

"I CERTIFY THAT THIS PLAN FOR POND CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT. I HAVE ADVISED THE DEVELOPER THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS-BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION."

E. L. ROGERS Md. Reg. PE #12114

DEVELOPER'S CERTIFICATE

"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, 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 WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS-BUILT" PLAN OF THE POND WITH... 30 DAYS OF COMPLETION."

DATE

CTE/SPRINT COMMUNICATIONS

HOWARD SOIL CONSERVATION DISTRICT 5-22-84 [illegible]/AMM

25. REMOVE EXISTING 1,500 GALLON FUEL STORAGE TANK LOCATED APPROXIMATELY WHERE THE NEW TANK IS SHOWN AND TURN OVER TO OWNER.

26. CAP INLET PIPING TO SEPTIC TANK FOR FUTURE CONNECTION TO NEW SEPTIC SYSTEM.

27. AN AS BUILT SURVEY OF THE STORM WATER MANAGEMENT FACILITY IS REQUIRED WITHIN 30 DAYS OF THE COMPLETION OF THIS FACILITY.

28. POND IS CLASS A.

23. GENERAL LOCATION OF NEW SEPTIC SYSTEM. SEE AMENDMENT NO 1 FOR EXACT LOCATION AND DETAILS.

24. HANDICAPPED PARKING SPACE TO BE MARKED IN ACCORDANCE WITH THE MARYLAND BUILDING CODE FOR THE HANDICAPPED.

19. ALL GRADED & EXPOSED SOIL AREAS AROUND ADDITION TO BE SEEDED. IN ACCORDANCE WITH 12 MONTH SEED MIX & APPL.

20. PAINT EXISTING BLOCK BUILDING AND NEW ADDITION WITH COLOR CHOSEN BY ARCHITECT

2. REFER TO S-1 FOR SOIL BEARING CAPACITY & GEN. STRUCT. NOTES.

22. PAINT PARKING LINE W/ 4" STRIPE. COLOR TO MATCH EXIST.

11. Existing septic system to be removed & new system installed

12. Minimum grades 1%

13. Maximum grades 3:1

14. Additional storm in hereon is for explanation of computer facilities

15. Maximum number of employees proposed 15 persons

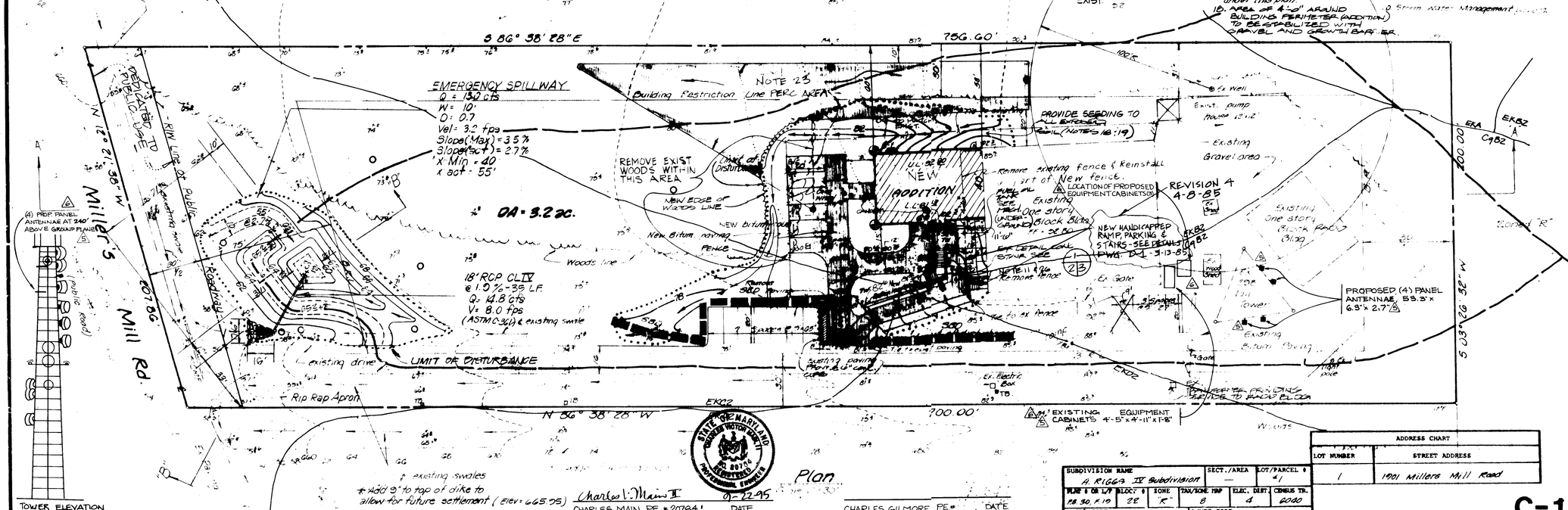
16. PARKING REQUIRED = 11
PARKING PROVIDED = 17

17. No site lighting is to be added under this plan.

18. AREA OF 4'-0" AROUND BUILDING PERIMETER (ADDITION) TO BE STABILIZED WITH GRAVEL AND GROUND BARRIER.

General Note

1. Total area: 8.2 ac. or 189,902 sf
2. Zoning: R. Rural, Map #8
3. Soil Map #7 (Soils Group Chart)
4. RECORD PLAT = PB. 30, F. 10
5. Property subject to B.A. Case 802, C.B.A. Case 962, C.B.A. Case 81-
6. Total area of submission = 1.12 ac.
7. Exist. private water & private sewer systems will be used.
8. Plot reference: PB 30 F 10
9. Total parking: 9' x 20' = 10 req. 12' x 20' = 1 req. Total 11
10. Storm Water Management



Charles V. Main II 01-22-95
CHARLES MAIN, P.E. # 20784 DATE
FOR REVISIONS NOTED AS ⚠ ONLY

CHARLES GILMORE P.E. # DATE
FOR REVISIONS NOTED AS ⚠ ONLY

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL #
A. RIGGS IV Subdivision	—	#1

PLAT # OR L/F	BLOCK #	ZONE	TAX/ZONE MAP	ELEC. DIST.	CENSUS TR.
PB 30 F. 10	22	R	8	4	6040

WATER CODE — SEWER CODE —

ADDRESS CHART

LOT NUMBER	STREET ADDRESS
1	1901 Millers Mill Road

C-1

SDP-84-156

Owner
Northern Pacific Communications
1901 Millers Mill Road
Cooksville, Md. 21723
301-480-7050

NO.	REVISIONS	DATE
1.	Revised as per Soils & details	8-23-84
2.	UPDATE PLANS	9-13-84
3.	Revised plans as per Ho SCD.	9-24-84
4.	Revised Plans (HANDICAPPED)	4-8-85
5.	ADDED PANEL ANTENNAS TO EXISTING TOWER	9-22-95
6.	ADDED PROPOSED COMMUNICATION EQUIPMENT	12-5-96

DEVELOPMENT CONSULTANTS GROUP, INC.
21 Main St.
Cooksville, Md.
301-461-[illegible]

TOC EXPANSION
COOKSVILLE, MARYLAND

Site Development Plan
CTE/SPRINT COMMUNICATIONS
A. RIGGS IV Subdivision, Lot 1, PB 30, F. 10
Howard County, Cooksville, MD
4th Election District
Tax Map 8, Block 22, Parcel 311

SDP-84-156
Addition to SDP 81-179

2/2/84

DIVERSIFIED ENGINEERING, INC.
914 Silver Spring Avenue
SILVER SPRING, MARYLAND 20910
(301) 588-8400

D.E. PROJ. NO. 883

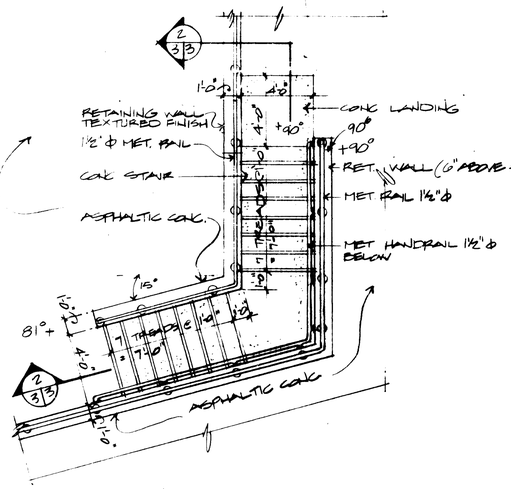
DATE
DRAWN
CHECKED
SCALE

Sheet 1 of 3

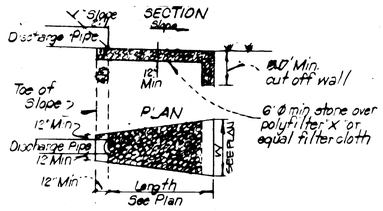
DWG. NO. CKV-440-001

SEDIMENT CONTROL

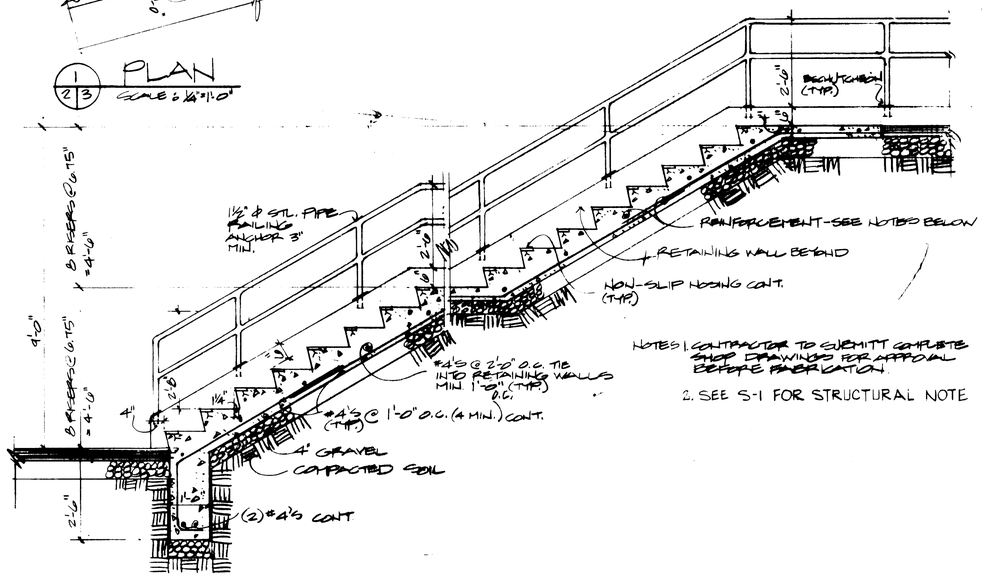
1. All sediment control measures to be adjusted to meet field conditions at time of construction and to be constructed prior to any grading or disturbance of existing surface material.
2. Periodic inspection and maintenance of all sediment control structures must be provided to insure intended purpose is accomplished.



PLAN
SCALE: 1/4" = 1'-0"

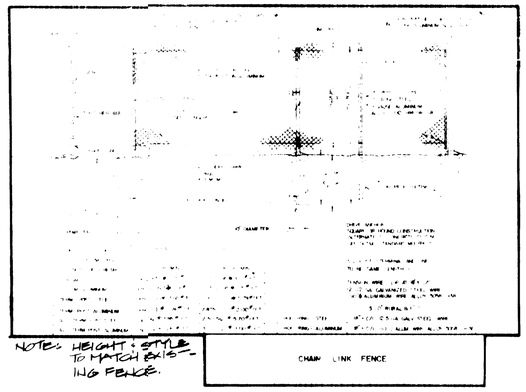


RIP RAP APRON DETAIL
NO SCALE



SECTION
SCALE: 1/2" = 1'-0"

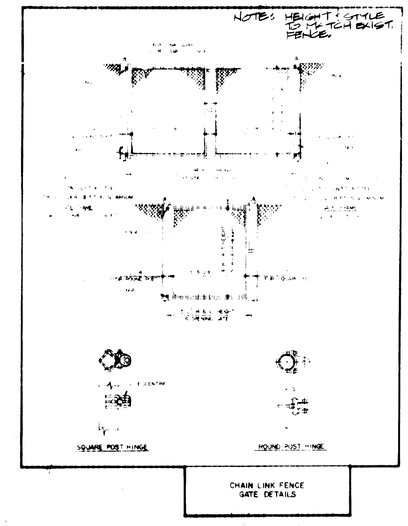
NOTES: 1. CONTRACTOR TO SUBMITT COMPLETE SHOP DRAWINGS FOR APPROVAL BEFORE FABRICATION.
2. SEE S-1 FOR STRUCTURAL NOTE

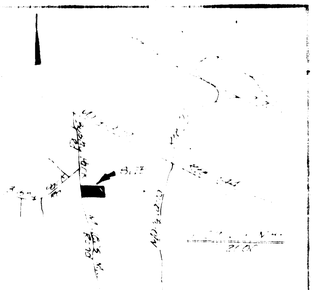


NOTE: HEIGHT & STYLE TO MATCH EXISTING FENCE.

NOTE

FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN:
1) 7 CALENDAR DAYS FOR A PERIMETER SEDIMENT CONTROL STRUCTURE, DIKES, SWALES, DITCHES PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1
2) 14 CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS IN THE PROJECT SITE.





ENGINEER'S CERTIFICATE

"I CERTIFY THAT THIS PLAN FOR POND CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT. I HAVE NOTIFIED THE DEVELOPER THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS-BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION."

C. L. ROGERS Md.Reg. PE #12114 — DATE 9-24-83

DEVELOPER'S CERTIFICATE

"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, 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 WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS-BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION."

GTE / SPRINT COMMUNICATIONS — DATE December 21, 1983

DATE 9-28-84

DATE 10-1-84

Howard County Health Officer

DATE 10-2-84

Howard County Director of Planning and Zoning

10-2-84

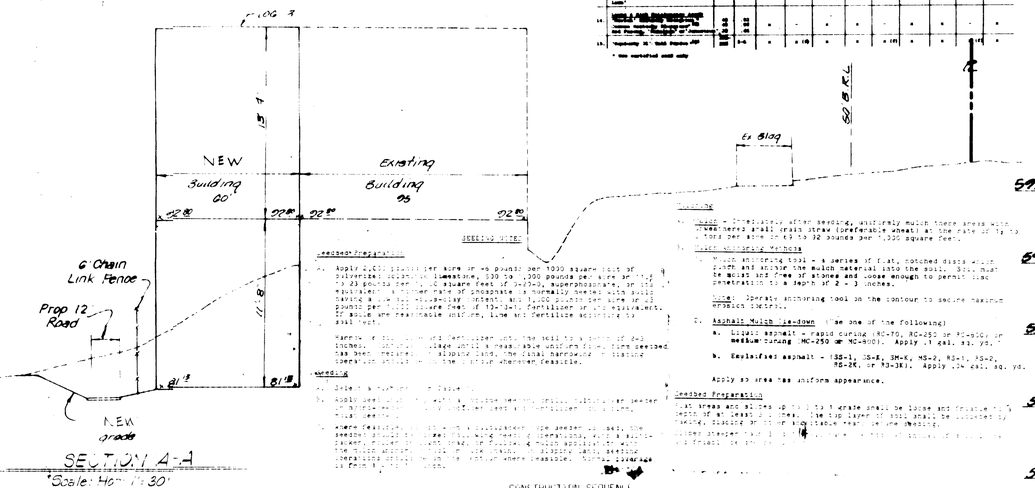
THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL.

U.S. SOIL CONSERVATION SERVICE — DATE 9-25-84

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

HOWARD SOIL CONSERVATION DISTRICT — DATE 9-25-84

SDP-84-156



CONSTRUCTION SEQUENCE

1. Obtain necessary permits
2. Install sediment control facilities
   A) Excavate basin
   B) Excavate swales & diversions
   C) Install straw bale dikes
   D) Install overflow structure & pipe
   E) Install rip-rap apron
   F) Block openings in overflow structure with plywood covered with filter cloth
   G) Place #2 stone around overflow structure to elevation 662.75 at natural angle of repose.
   H) Stabilize all disturbed areas of basin except for basin bottom
3. Clear site as per plan
4. Install new septic system
5. Remove existing septic system
6. Grade site
7. Install footings, foundations, and retaining walls
8. Backfill excavation
9. Construct addition
10. Install new paving
11. Fine grade disturbed area
12. Stabilize disturbed area
13. Install new fence
14. Remove sediment control facilities as when approved by sediment control inspector
   A) Remove stone, plywood & filter cloth
   B) Clear sediment from basin
   C) Remove straw bale dikes & SCE
   D) Stabilize disturbed areas

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 5-22-84

C-2

OWNER	NO	REVISIONS	DATE
Southern Pacific Communications, 1901 Millers Mill Road, Cooksville, Md. 21723, 301-489-7050	1	UPDATE PLAN AS PER HOCO. MD.	8/3/84
	2	REVISED 'S' INLET	8/28/84
	3	UPDATE PLANS	9-13-84
	4.	REVISED PLANS AS PER HA SCD	9-24-84

DEVELOPMENT CONSULTANTS GROUP, INC.
12408 ROUTE 108
CLARKSVILLE, MD. 21029
301-596-9070 301-988-9830

TOC EXPANSION
COOKSVILLE, MARYLAND

Sed. & Erosion Control
GTE/SPRINT COMMUNICATIONS
A. Rogers II Subdivision, Lot 1 PB 30, F-19
Tax Map 8, Block 32, Parcel 317
5th Election District
Howard County, Maryland

2/3/84

DIVERSIFIED ENGINEERING, INC.
914 Silver Spring Avenue
SILVER SPRING, MARYLAND 20910
(301) 588-6400
D.E. PROJ. NO. 833

DATE	Sept. 83
DRAWN	M.K.
CHECKED	M.L.S.
SCALE	As shown

SHEET 2 OF 3
DWG. NO. CKV-440-002

CONSTRUCTION SPECIFICATIONS
FOR
PONDS

These specifications are appropriate to ponds within the scope of the Standard for practice 378, SOIL CONSERVATION SERVICE MARYLAND, CONSTRUCTION SPECIFICATIONS FOR PONDS.

I. **SITE PREPARATION**

Areas designated for borrow areas, embankment, and structural works shall be cleared, grubbed and stripped of topsoil. All trees, vegetation, roots and other objectionable material shall be removed. Channel banks and sharp breaks shall be sloped to no steeper than 1:1.

Areas to be covered by the pond or reservoir will be cleared of all trees, brush, logs, fences, rubbish and other objectionable material unless otherwise designated on the plans. Trees, brush and stumps shall be cut approximately level with the ground surface.

All cleared and grubbed material shall be disposed of outside and below the limits of the dam and reservoir as directed by the owner or his representative. When specified, a sufficient quantity of topsoil will be stockpiled in a suitable location for use on the embankment and other designated areas.

II. **EARTH FILL**

Material

The fill material shall be taken from pond area. It shall be free of roots, stumps, wood, rubbish, oversize stones, frozen or other objectionable materials. The embankment shall be constructed to an elevation which provides for anticipated settlement to the design elevation. The fill height all along the length of the embankment shall be increased above the design elevation (including freeboard) by [illegible].

Placement

Areas on which fill is to be placed shall be scarified prior to placement of fill. Fill materials shall be placed in 8-inch maximum thickness (before compaction) layers which are to be continuous over the entire length of the fill. The most porous borrow material shall be placed in the downstream portions of the embankment.

Compaction

The movement of the hauling and spreading equipment over the fill shall be controlled so that the entire surface of each lift shall be traversed by not less than one tread track of the equipment or compaction shall be achieved by a minimum of four complete passes of a sheepsfoot, rubber tired or vibratory roller. Fill material shall contain sufficient moisture such that the required degree of compaction can be obtained with the equipment used.

Cutoff Trench

A cutoff trench shall be excavated along or parallel to the centerline of the embankment as shown on the plans. The bottom width of the trench shall be as shown on the drawings, with the minimum width being four feet. The depth shall be at least four feet. The side slopes of the trench shall be 1 to 1. The backfill material for the cutoff trench shall be the most impervious material available and shall be compacted with equipment or rollers to assure maximum density and minimum permeability.

III. **STRUCTURAL BACKFILL**

Backfill material shall be of the type and quality conforming to that specified for the adjoining fill material. The fill shall be placed in horizontal layers not to exceed four inches in thickness and compacted by hand tampers or other compaction equipment. The material needs to fill completely all spaces under and adjacent to the pipe. At no time during the backfilling operation shall driven equipment be allowed to operate closer than four feet, mearured horizontally, to any part of a structure. Under no circumstances shall equipment be driven over any part of a concrete structure or pipe unless there is a compacted fill of twenty-four inches or greater over the structure or pipe.

IV. PIPE CONDUIT

All pipes shall be [illegible].

A. Reinforced Concrete Pipe

1. Materials - [illegible] rubber gasket [illegible] specification [illegible] AWWA Specification [illegible].

2. Bedding - All [illegible] shall be laid in [illegible] for their entire length. This bedding [illegible] Howard County Standard [illegible].

3. Laying pipe - Bell and spigot pipe shall be placed with the bell end upstream. Joints shall be made in accordance with recommendations of the manufacturer of the material. After the joints are sealed for the entire line, the bedding shall be placed so that all spaces under the pipe are filled. Care shall be exercised to prevent any [illegible] line and grade of the pipe.

4. Backfilling shall conform to [illegible] shown above.

5. Other details (anti-seep collars, [illegible], etc.) shall be as shown on the drawings.

V. **CONCRETE**

1. **Materials**

a. **Cement** - Normal Portland cement shall conform to the latest ASTM Specification C-150.

b. **Water** - The water used in concrete shall be clean, free from oil, acid, alkali, scales, organic matter or other objectionable substances.

c. **Sand** - The sand used in concrete shall be clean, hard, strong and durable, and shall be well graded with 100 percent passing a one-quarter inch sieve. Limestone sand shall not be used.

d. **Coarse Aggregate** - The coarse aggregate shall be clean, hard, strong and durable, and free from clay or dirt. It shall be well graded with a maximum size of one and one-half (1-1/2) inches.

e. **Reinforcing Steel** - The reinforcing steel shall be deformed bars of intermediate grade billet steel or rail steel conforming to ASTM Specification A-615.

2. **Design Mix** - The concrete shall be mixed in the following proportions, measured by weight. The water-cement ratio shall be 5-1/2 to 6 U.S. Gallons of water per 94 pound bag of cement. The proportion of materials for the trial mix shall be 1:2:3-1/2. The combination of aggregates may be adjusted to produce a plastic and workable mix that will not produce harshness in placing or honeycombing in the structure.

3. **Mixing** - The concrete ingredients shall be mixed in batch mixers until the mixture is homogeneous and of uniform consistency. The mixing of each batch shall continue for not less than one and one-half minutes after all the ingredients, except the full amount of water, are in the mixer. The minimum mixing time is predicted on proper control of the speed of rotation of the mixer and of the introduction of the materials, including water, into the mixer. Water shall be added prior to, during, and following the mixer-charging operations. Excessive overmixing requiring the addition of water to preserve the required concrete consistency shall not be permitted. Truck mixing will be allowed provided that the use of this method shall cause no violation of any applicable provisions of the specifications given here.

4. **Forms** - The forms shall have sufficient strength and rigidity to hold the concrete and to withstand the necessary pressure, tamping, and vibration without deflection from the prescribed lines. They shall be mortar-tight and constructed so that they can be removed without hammering or prying against the concrete.

The inside of forms shall be oiled with a non-staining mineral oil or thoroughly wetted before concrete is placed.

Forms may be removed 24 hours after the placement of concrete. All wire ties and other devices used shall be recessed from the surface of the concrete.

5. **Reinforcing Steel** - All reinforcing material shall be free of dirt, rust, scale, oil, paint or any other coatings. The steel shall be accurately placed and securely tied and blocked into position so that no movement of the steel will occur during placement of concrete.

6. **Consolidating** - Concrete shall be consolidated with internal type mechanical vibrators. Vibration shall be suplemented by spading and hand tamping as necessary to insure smooth and dense concrete along form surfaces, in corners, and around embedded items.

7. **Finishing** - Defective concrete, honeycombed areas, voids left by the removal of tie rods, ridges on all concrete surfaces permanently exposed to view or exposed to water on the finished structure, shall be repaired immediately after the removal of forms. All voids shall be reamed and completely filled with dry-patching mortar.

8. **Protection and Curing** - Exposed surfaces of concrete shall be protected from the direct rays of the sun for at least the first three (3) days. All concrete shall be kept continuously moist for at least ten (10) days after being placed. Moisture may be applied by spraying or sprinkling as necessary to prevent the concrete from drying. Concrete shall not be exposed to freezing during the curing period. Curing compunds may also be used.

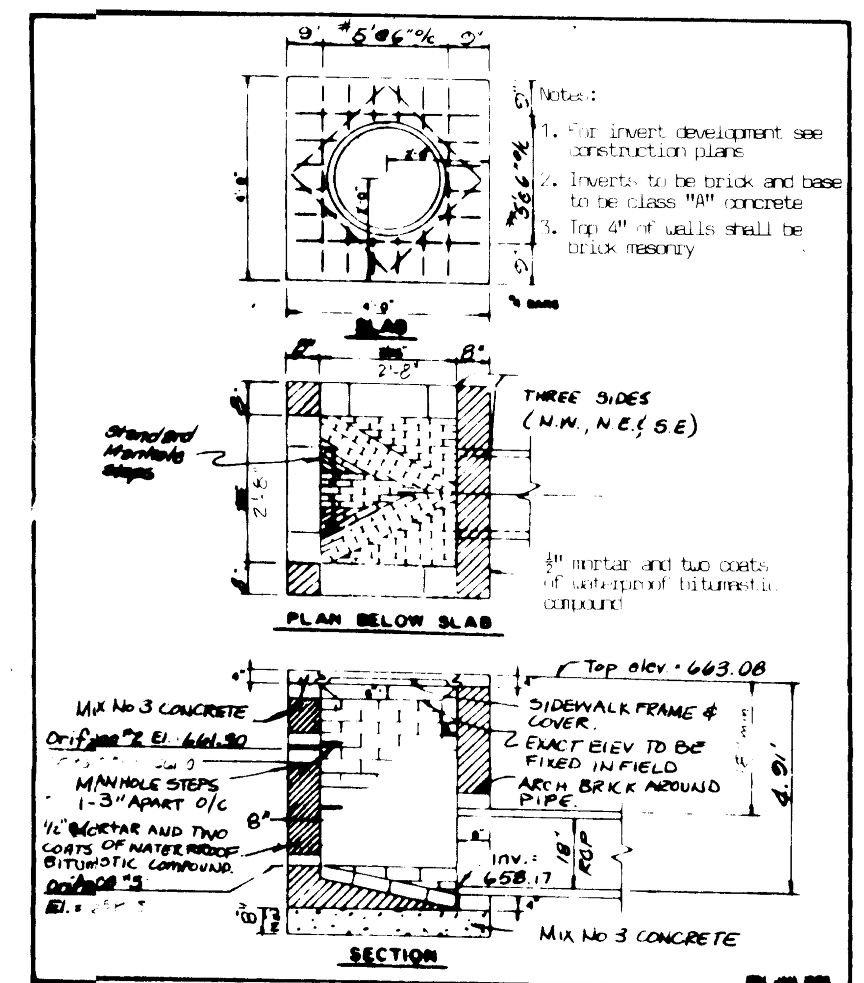
9. **Placing Temperature** - Concrete may not be placed at temperatures below 37° F with the temperature falling, or 34° with the temperature rising.

VI. **STABILIZATION**

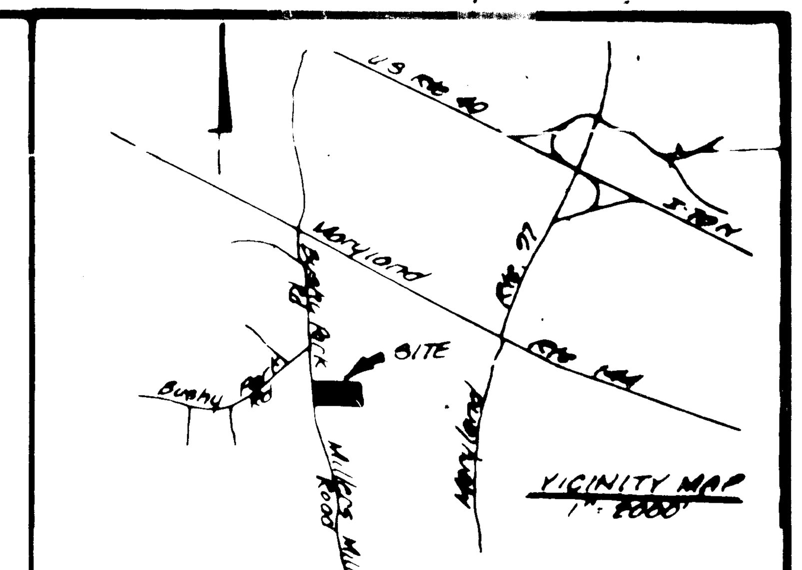
All borrow areas shall be graded to provide proper drainage and left in a sightly condition. All exposed surfaces of the embankment, spillway, spoil and borrow areas, and berms shall be stabilized by seeding, liming, fertilizing and mulching (if required) in accordance with the vegetative treatment specifications or as shown on the accompanying drawings.

VII. **EROSION AND SEDIMENT CONTROL**

Construction operations will be carried out in such a manner that erosion will be controlled and water and air pollution minimized. State and local laws concerning pollution abatement will be followed. Construction plans shall detail erosion and sediment control measures to be employed during the construction process.



TYPE "D" INLET GRATE



DEVELOPER'S CERTIFICATE

"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, 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 WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS-BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION."

[signature] 9-21-84
GTE / SPRINT COMMUNICATIONS — DATE

ENGINEER'S CERTIFICATE

"I CERTIFY THAT THIS PLAN FOR POND CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT. I HAVE NOTIFIED THE DEVELOPER THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS-BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION."

[signature] Sept [illegible]
E. L. ROGERS Md.Reg. PE #12114 — DATE

APPROVED: FOR PUBLIC STORM DRAINAGE SYSTEMS & ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DATE [signature] [illegible]
DIRECTOR

DATE 9-28-84 [signature]
CHIEF, BUREAU OF ENGINEERING

APPROVED: FOR PRIVATE WATER & PRIVATE SEWAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

DATE 10-1-84 [signature]
COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

DATE 10-2-84 [signature]
PLANNING OFFICER

DATE 10-2-84 [signature]
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL.

[signature] 9-25-84
U.S. SOIL CONSERVATION SERVICE — DATE

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

[signature] 9-25-84
HOWARD SOIL CONSERVATION DISTRICT — DATE

APPROVED
DIVISION OF LAND DEVELOPMENT
ZONING ADMINISTRATION
HOWARD COUNTY MARYLAND
DATE 5-22-84

C-2

BA Case 83-228

Owner:
Southern Pacific Communications
1901 Millers Mill Road
Cooksville, Maryland 21723
301-489-7050

NO.	REVISIONS	DATE
	[illegible]	[illegible]

DEVELOPMENT CONSULTANTS GROUP, INC.
12408 ROUTE 108
CLARKSVILLE, MD 21029
301-596-9080 301-988-9830

TOC EXPANSION
COOKSVILLE, MARYLAND

Detail & Profile Sheet
GTE/SPRINT COMMUNICATIONS
A Class II Subdivision, Lot [illegible] PB 30 [illegible]
Tax Map 8, Block 22 Parcel 3[illegible]
4th Election District
Howard County Maryland

2/3/84
DIVERSIFIED ENGINEERING, INC.
914 Silver Spring Avenue
SILVER SPRING, MARYLAND 20910
(301) 588-0488
D.E. PROJ. NO. 838

DATE AUG 1984
DRAWN
CHECKED MLS
SCALE

Sheet 3 of 3
PROJECT NO. CKV-440-001

SDP-84-156
DCG # 106-01

By the Developer:

"I/We certify that all development and 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 Training of National Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project."

Signature of Developer Date

By the 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 the Howard Soil Conservation District."

Signature of Engineer Date

APPROVED: For Public Water, Drainage Systems and Roads and Storm

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR — DATE 8-28-84

CHIEF, BUREAU OF ENGINEERING — DATE 10-28-83

APPROVED: For Public Water and Private Sewerage Systems

HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER — DATE 1-25-84

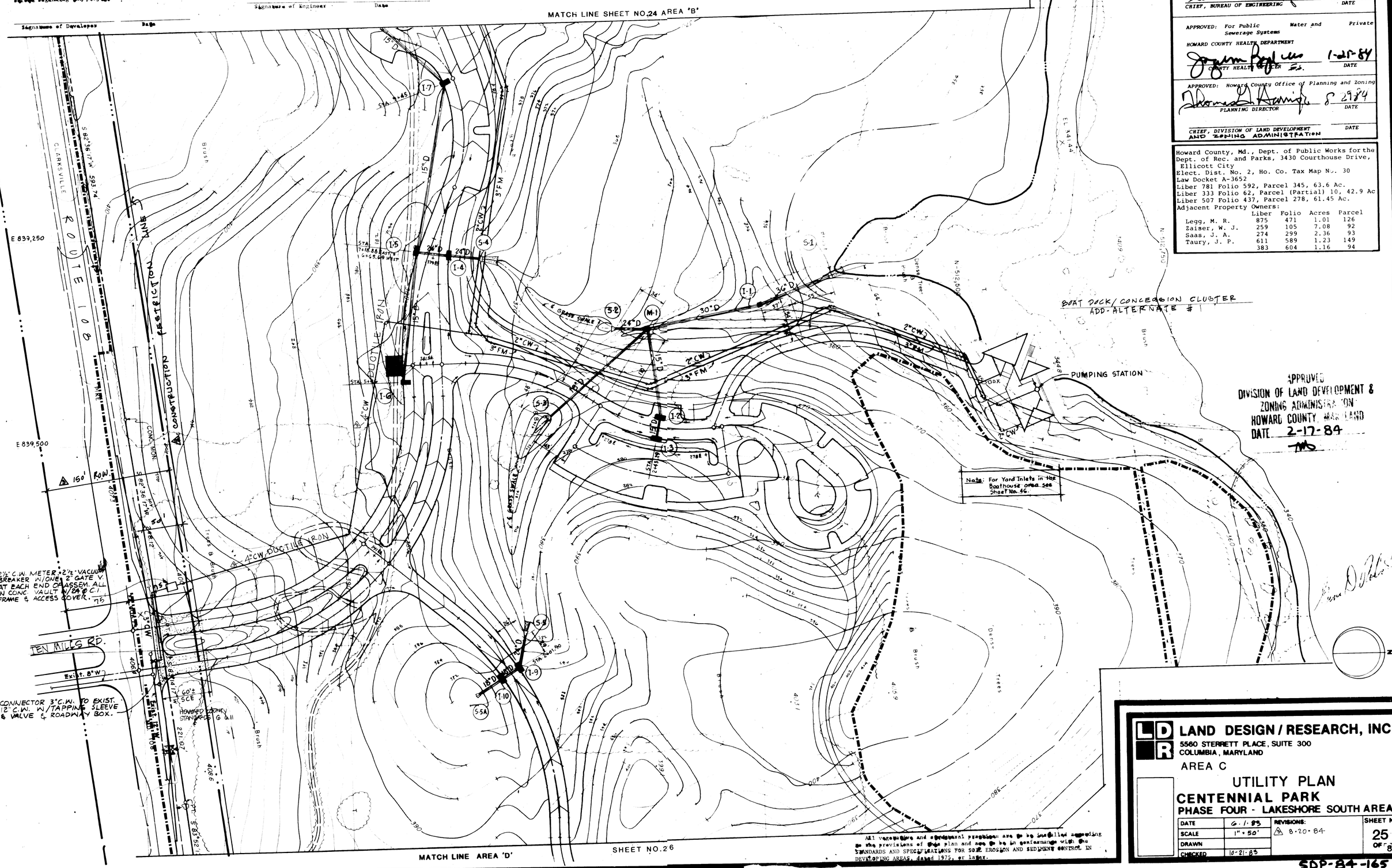
APPROVED: Howard County Office of Planning and Zoning

PLANNING DIRECTOR — DATE 8-29-84

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE

Howard County, Md., Dept. of Public Works for the Dept. of Rec. and Parks, 3430 Courthouse Drive, Ellicott City
Elect. Dist. No. 2, Ho. Co. Tax Map No. 30
Law Docket A-3652
Liber 781 Folio 592, Parcel 345, 63.6 Ac.
Liber 333 Folio 62, Parcel (Partial) 10, 42.9 Ac
Liber 507 Folio 437, Parcel 278, 61.45 Ac.
Adjacent Property Owners:

	Liber	Folio	Acres	Parcel
Legg, M. R.	875	471	1.01	126
Zaiser, W. J.	259	105	7.08	92
Saas, J. A.	274	299	2.36	93
Taury, J. P.	611	589	1.23	149
	383	604	1.16	94



APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 2-17-84

All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS, dated 1975, or later.

LAND DESIGN / RESEARCH, INC.
5560 STERRETT PLACE, SUITE 300
COLUMBIA, MARYLAND

AREA C

UTILITY PLAN
CENTENNIAL PARK
PHASE FOUR - LAKESHORE SOUTH AREA

DATE	6-1-83	REVISIONS:	SHEET NO.
SCALE	1" = 50'	8-20-84	25
DRAWN			OF 87
CHECKED	10-21-83		

SDP-84-165

NOTES:

1) 4" Schedule 40 PVC sleeves, min. 40" below grade. Extend 2'-0" beyond edge of pavement.

2) Transformer and Pad by Baltimore Gas & Electric Co.

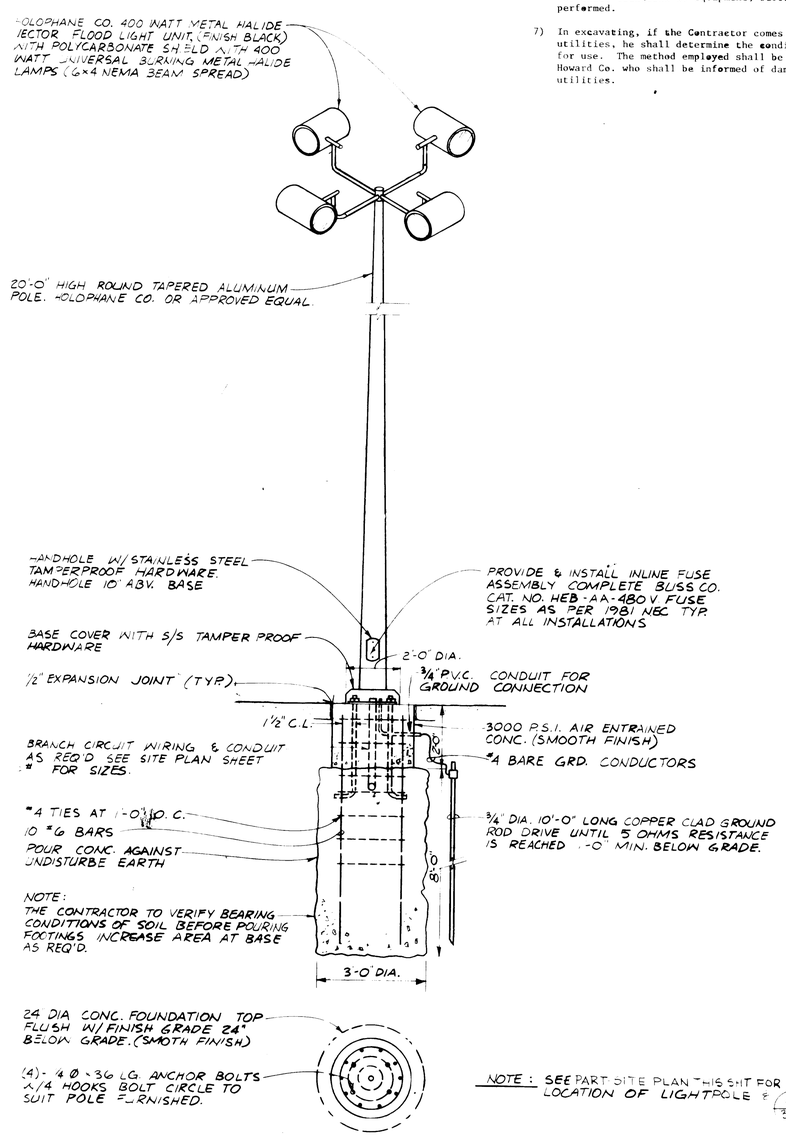
3) Free standing meter cabinet 10'-0" behind T/F. See "Free standing meter enclosure assembly" this schedule.

4) 3" Schedule 40 PVC direct burial conduit from meter to panel in building. Run min. 2'-0" below grade. By Contractor.

5) Direct Burial Cable to transformer by B.G.&E. Co.

6) The Contractor shall coordinate with the B.G.&E. Co. for exact locations of equipment, before any work is performed.

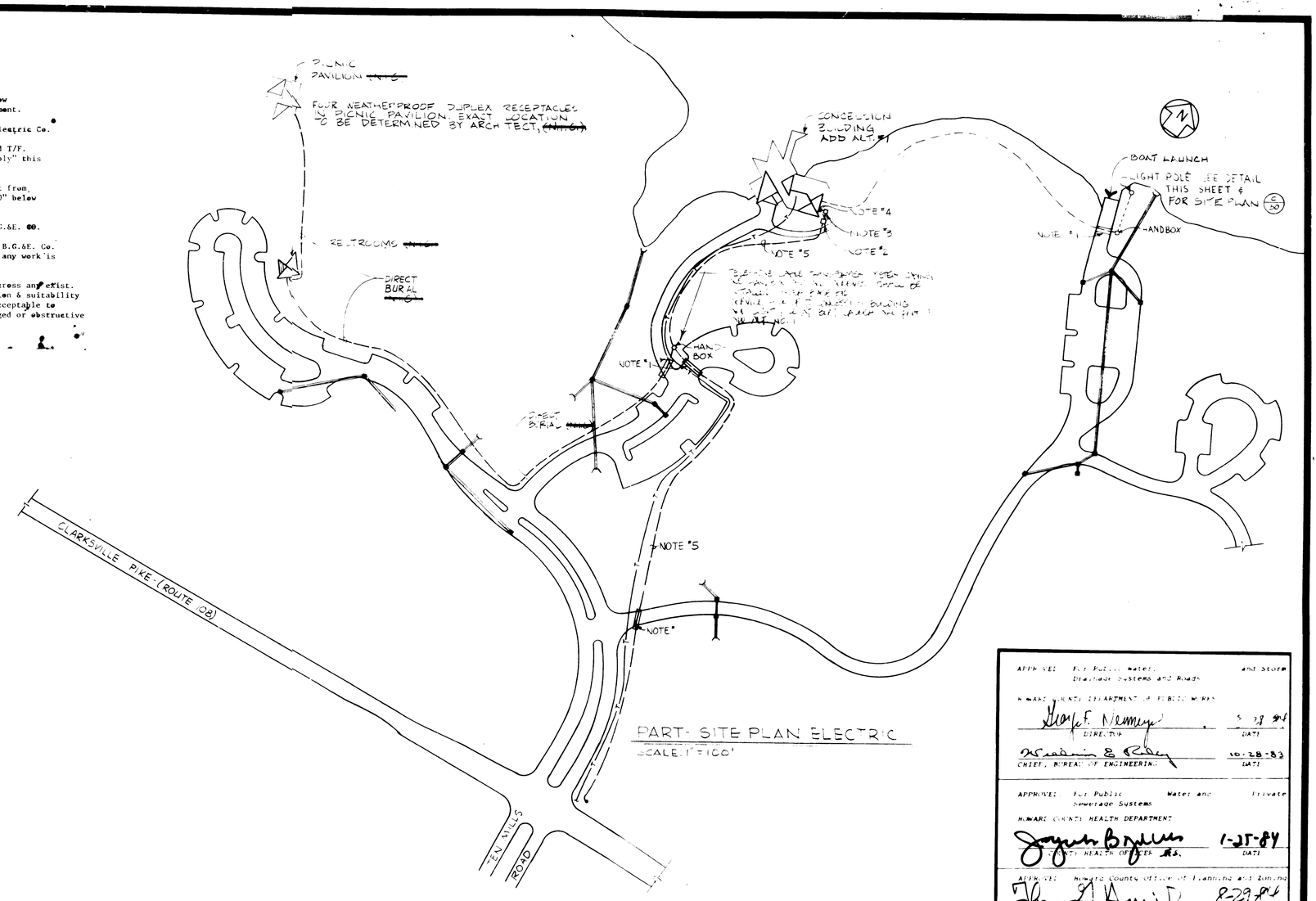
7) In excavating, if the Contractor comes across any exist. utilities, he shall determine the condition & suitability for use. The method employed shall be acceptable to Howard Co. who shall be informed of damaged or obstructive utilities.



NOTE: SEE PART SITE PLAN THIS SHT FOR LOCATION OF LIGHTPOLE # C/30

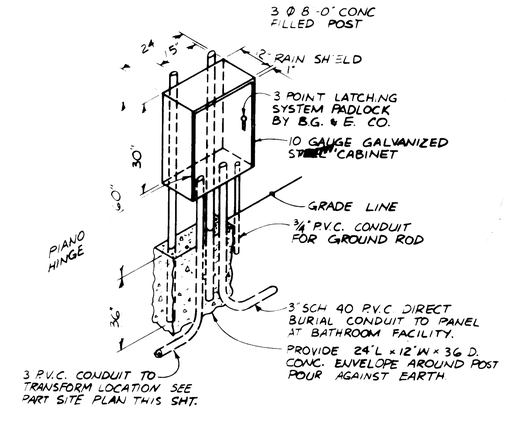
LIGHTING INSTALLATION

NO SCALE



PART SITE PLAN ELECTRIC

SCALE 1" = 100'



FREE STANDING METER ENCLOSURE ASSEMBLY

NO SCALE

APPROVED: For Public Water and Storm Drainage Systems and Roads

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR — DATE

CHIEF, BUREAU OF ENGINEERING — DATE 10-28-83

APPROVED: For Public Water and Private Sewerage Systems

HOWARD COUNTY HEALTH DEPARTMENT

OFFICER OF HEALTH — DATE 1-25-84

APPROVED: Howard County Office of Planning and Zoning

PLANNING DIRECTOR — DATE 8-29-84

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE

Howard County, Md., Dept. of Public Works with Dept. of Rec. and Parks, 3430 Courthouse Drive, Ellicott City
Elect. Dist. No. 2, Ho. Co. Tax Map No. 6
Case Docket A-365;
Liber 781 Folio 592, Parcel 347, Ele. Dist.
Liber 333 Folio 62, Parcel (Partial) 2, Ele. Dist.
Liber 507 Folio 437, Parcel 278, Ele. Dist.
Adjacent Property Owners:

	Liber	Folio	Ele. Dist.	Parcel
Gross, M. R.	87	473	[illegible]	[illegible]
Gross, W. [illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Gross, [illegible] A.	[illegible]	[illegible]	[illegible]	[illegible]
Gross, [illegible]	[illegible]	484	[illegible]	[illegible]
Gross, [illegible] E.	[illegible]	589	[illegible]	[illegible]
[illegible]	[illegible]	64	[illegible]	[illegible]

LAND DESIGN / RESEARCH, INC.
5560 STERRETT PLACE, SUITE 300
COLUMBIA, MARYLAND

ELECTRICAL SITE PLAN, DETAILS & NOTES

CENTENNIAL PARK
PHASE FOUR - LAKESHORE SOUTH AREA

DATE	6-1-83	REVISIONS:	SHEET NO. 40 OF 81
SCALE	AS NOTED		
DRAWN			
CHECKED	10-21-83		

SDP-84-165

NOTES:

1) 4" Schedule 40 PVC sleeves, min. 40" below grade. Extend 2'-0" beyond edge of pavement.

2) Transformer and Pad by Baltimore Gas & Electric Co.

3) Free standing meter cabinet 10'-0" behind T/F. See "Free standing meter enclosure assembly" this schedule.

4) 3" Schedule 40 PVC direct burial conduit from meter to panel in building. Run min. 2'-0" below grade. By Contractor.

5) Direct Burial Cable to transformer by B.G.&E. Co.

6) The Contractor shall coordinate with the B.G.&E. Co. for exact locations of equipment, before any work is performed.

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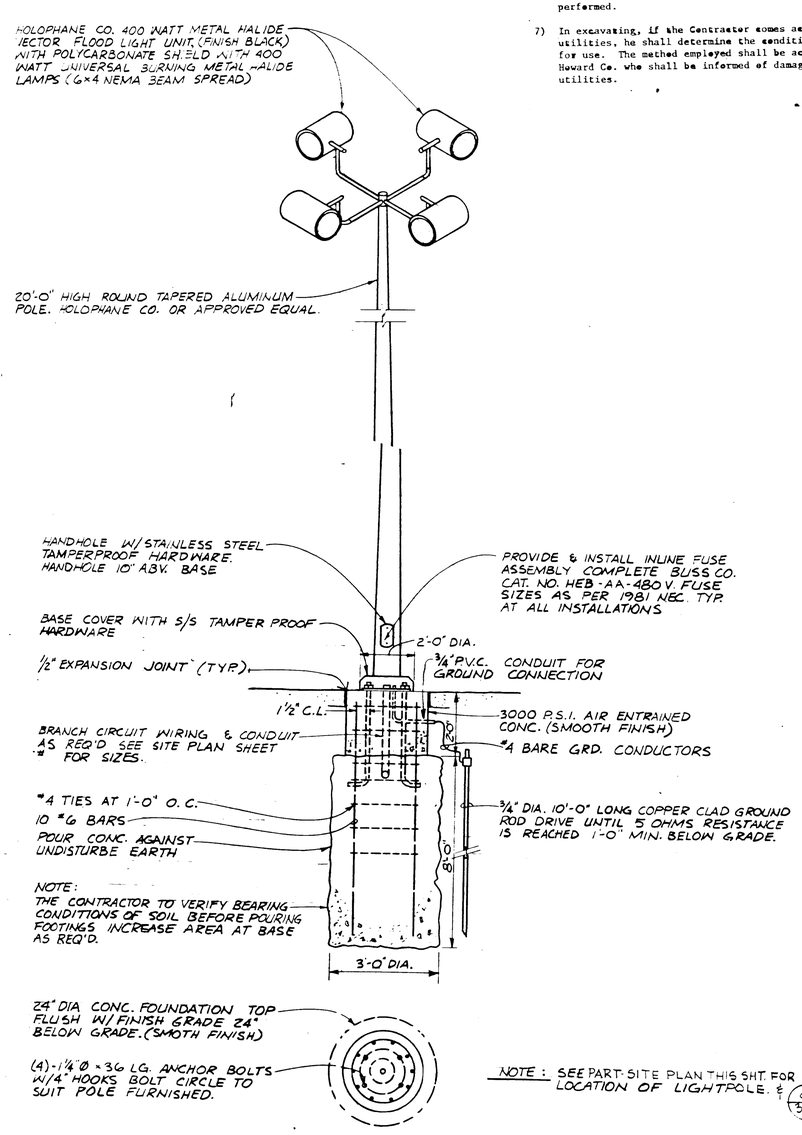
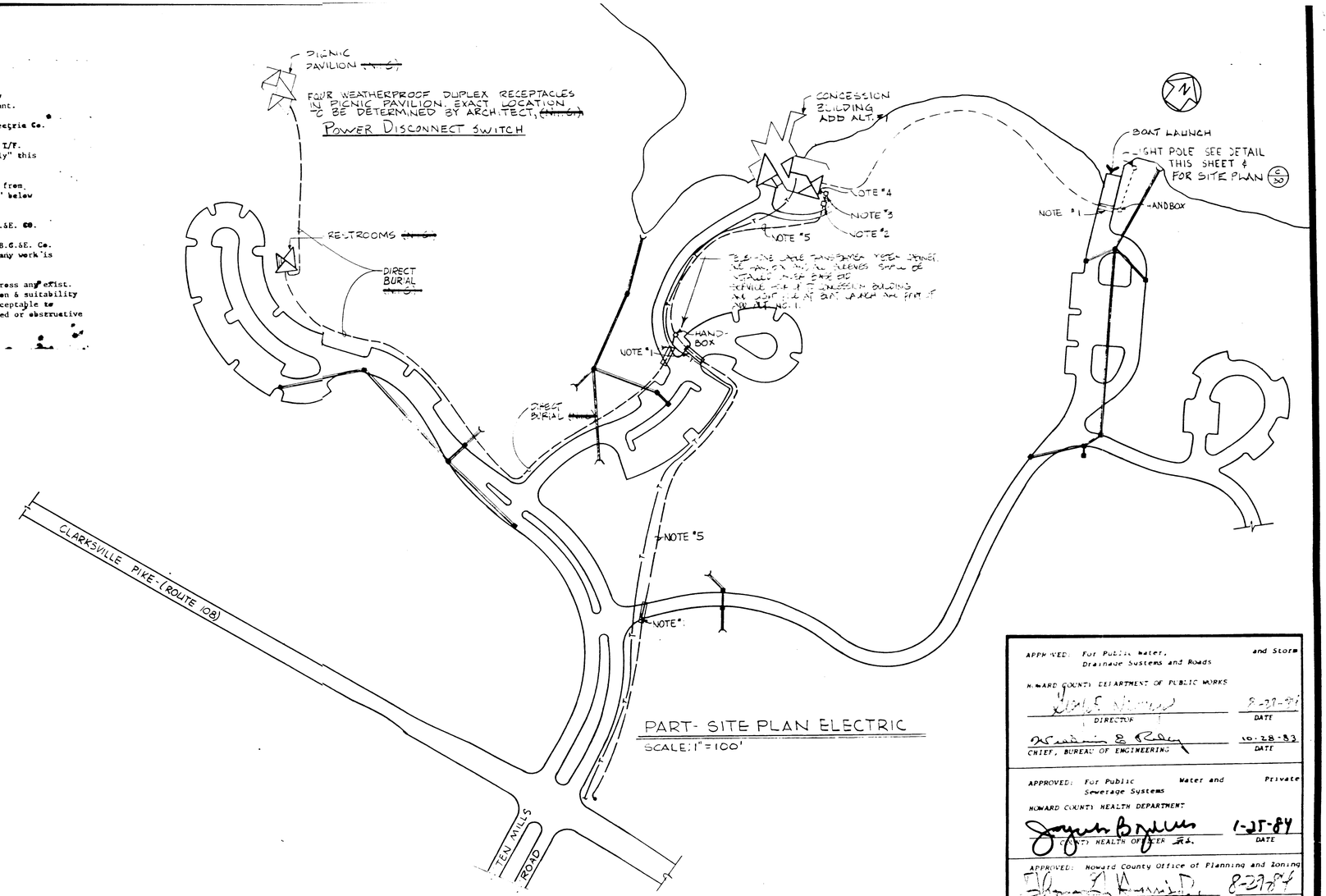


NOTE: SEE PART-SITE PLAN THIS SHT. FOR LOCATION OF LIGHTPOLE. # 6/30

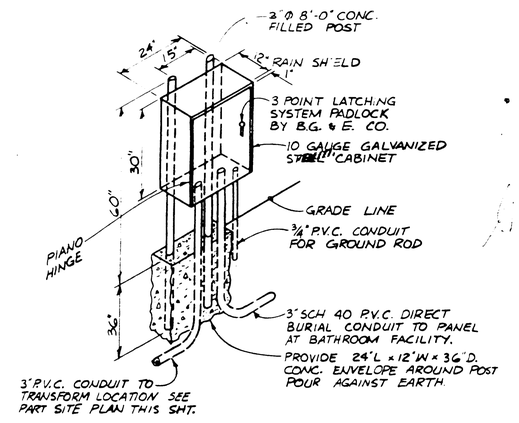
LIGHTING INSTALLATION

NO SCALE



PART- SITE PLAN ELECTRIC

SCALE: 1" = 100'



FREE STANDING METER ENCLOSURE ASSEMBLY

NO SCALE

APPROVED: For Public Water, and Storm Drainage Systems and Roads

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR — DATE 8-27-84

CHIEF, BUREAU OF ENGINEERING — DATE 10-28-83

APPROVED: For Public Water and Private Sewerage Systems

HOWARD COUNTY HEALTH DEPARTMENT

(COUNTY) HEALTH OFFICER — DATE 1-25-84

APPROVED: Howard County Office of Planning and Zoning

PLANNING DIRECTOR — DATE 8-27-84

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE

Howard County, Md., Dept. of Public Works for the Dept. of Rec. and Parks, 3430 Courthouse Drive, Ellicott City, Md.
Elect. Dist. No. 2, Ho. Co. Tax Map No. 30
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LAND DESIGN / RESEARCH, INC.
5560 STERRETT PLACE, SUITE 300
COLUMBIA, MARYLAND.

ELECTRICAL SITE PLAN, DETAILS & NOTES

CENTENNIAL PARK
PHASE FOUR - LAKESHORE SOUTH AREA

DATE	6-1-83	REVISIONS:	SHEET NO. 40 OF 81
SCALE	AS NOTED		
DRAWN			
CHECKED	10-21-83		

SDP-84-165