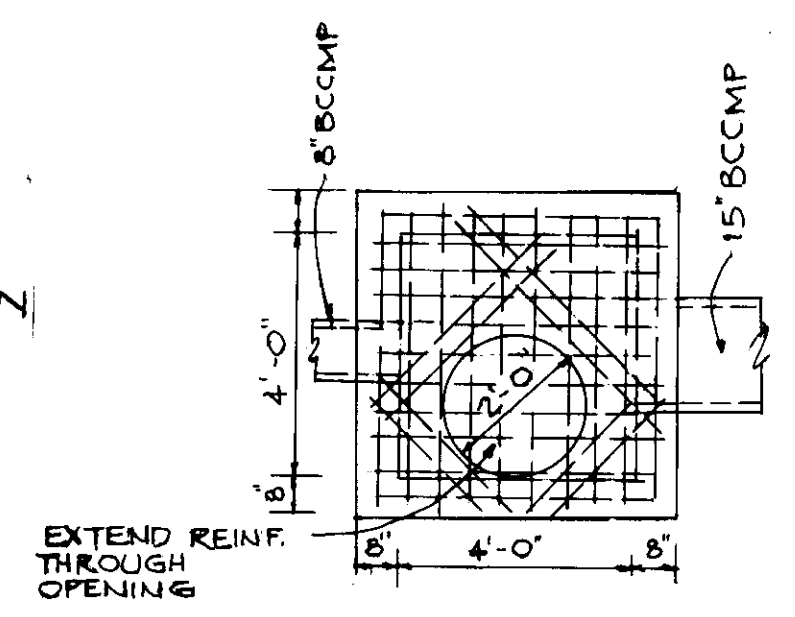
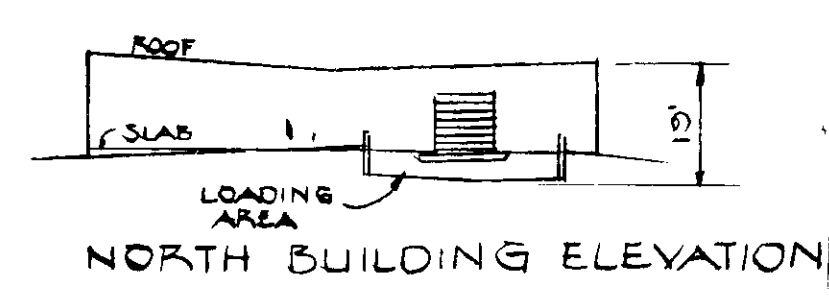
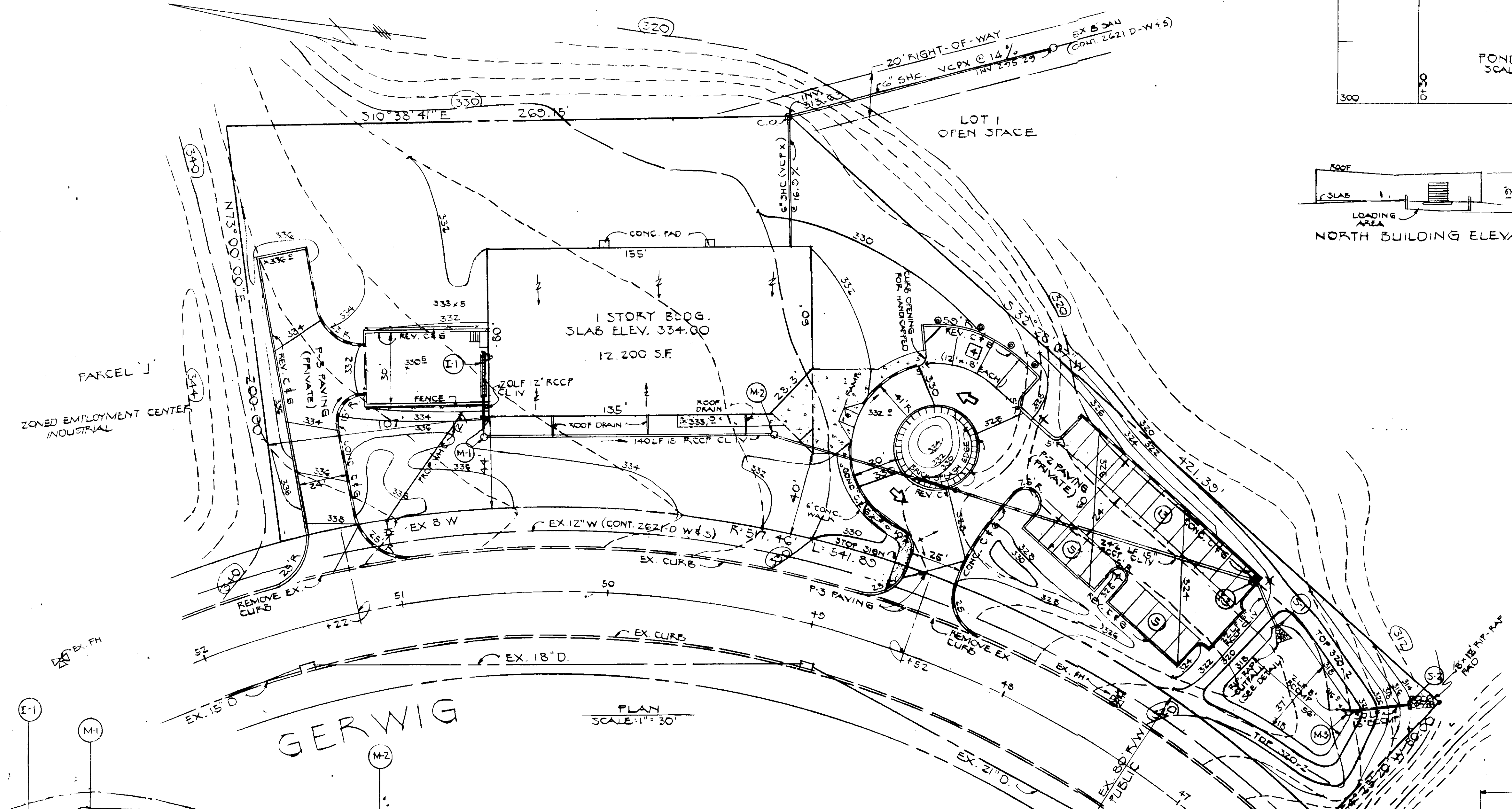
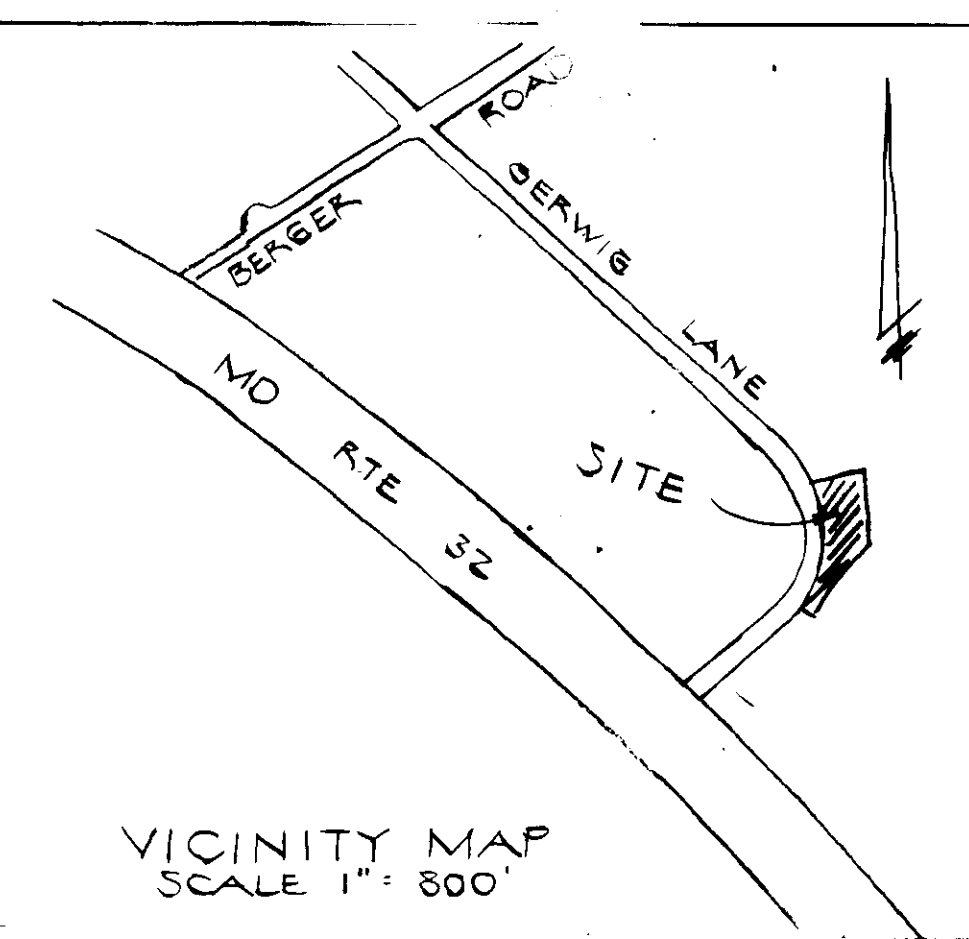
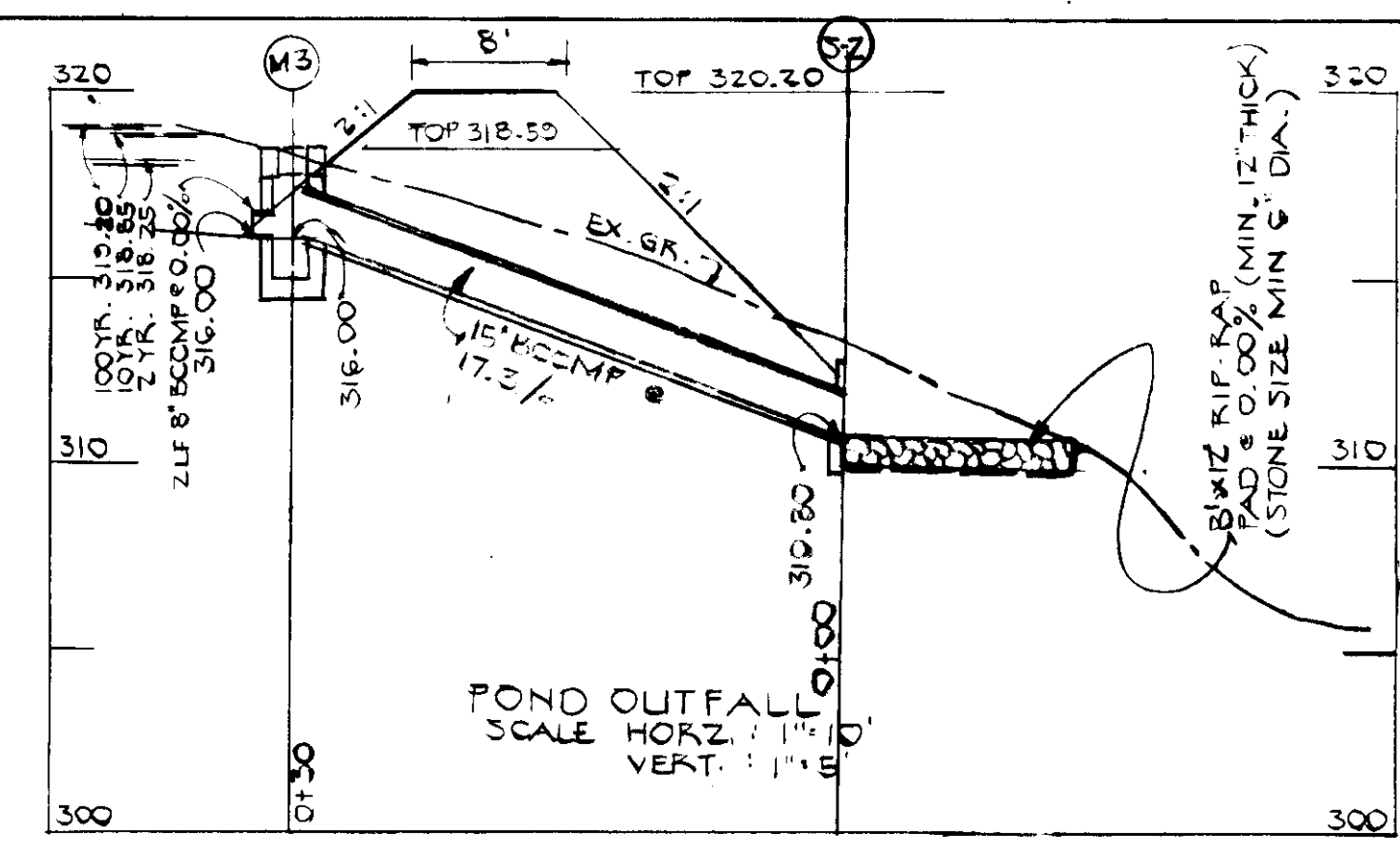


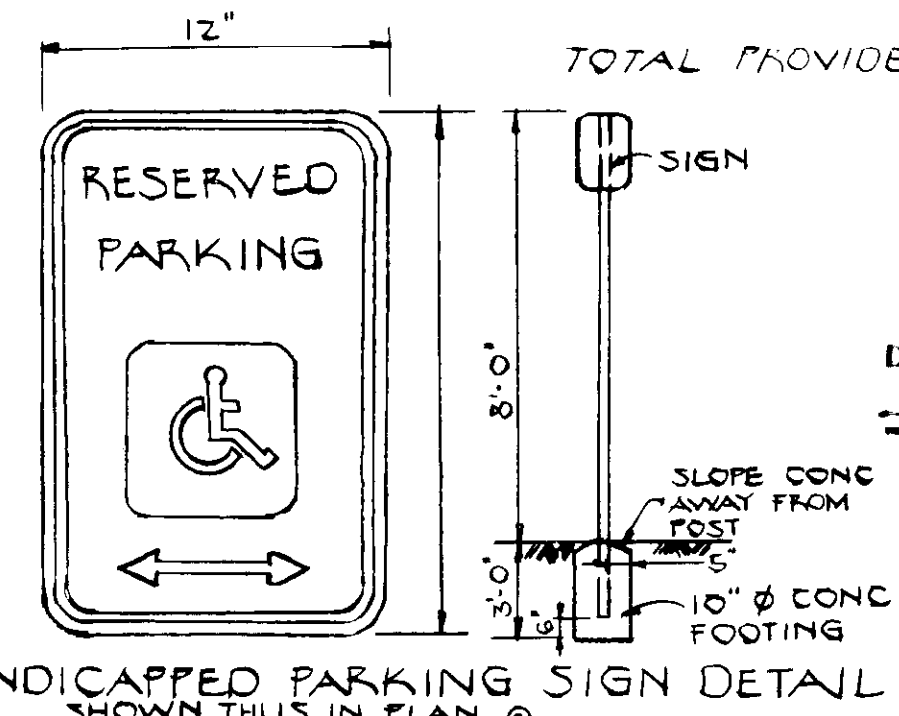
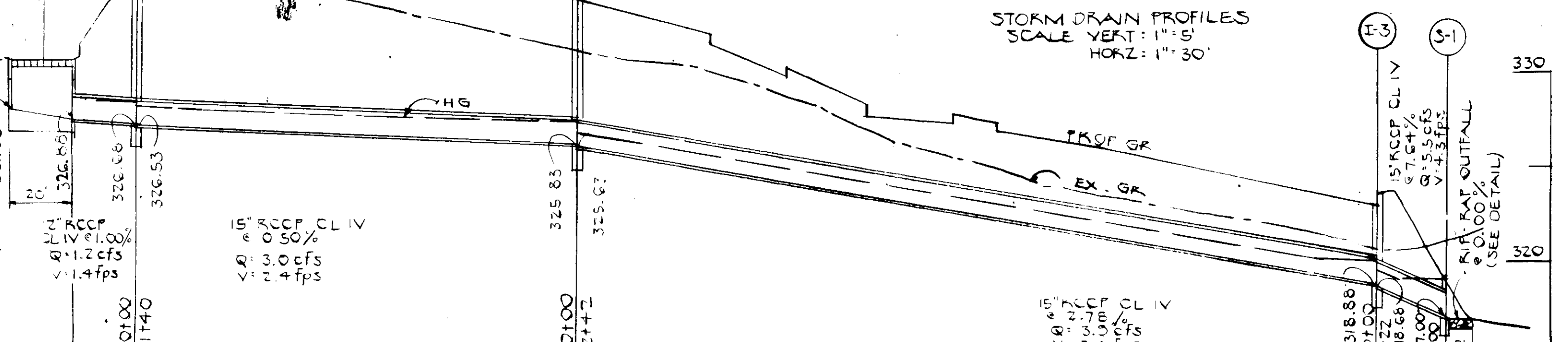
STRUCTURE SCHEDULE					
NO	TYPE	INV. IN	INV. OUT	TOP	REMARKS
I-1	10'	-	326.88	330.00	SD-4.15 *
I-3	5' COMB.	316.88	316.88	323.60	SD-4.3Z
M-1	A-2 MH	326.68	326.68	337.30	SD-3.0Z
M-2	A-2 MH	326.63	326.63	333.50	SD-3.0Z
S-1	C ENDWALL	-	317.00	319.00	SD-5.21
S-2	C ENDWALL	-	319.80	312.80	SD-5.21
M-3	18' MH	316.00	316.00	318.50	SD-3.03 *

\* WIDTH = 14'-0"  
\* NO FRAME & COVER - SEE SLAB DETAIL



NOTE: SEE S.D. 3.03 FOR CONSTRUCTION DETAILS, DIMENSIONS & REINFORCING.

- NOTES:
1. AREA OF PARCEL = 1.987 AC.
  2. ZONING - NEW TOWN, EMPLOYMENT CENTER INDUSTRIAL (FOP PHASE B5)
  3. BUILDING AREA = 12,200 SF = 14.7%
  4. GREEN SPACE = 1.15 AC = 60.3%
  5. ANY DAMAGE WITHIN THE RIGHT-OF-WAY OF GERWIG LANE SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
  6. THIS SITE IS NOT AFFECTED BY A 100 YEAR FLOOD PLAIN.
  7. THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF EXISTING UTILITIES TO HIS OWN SATISFACTION BEFORE STARTING WORK.
  8. ALL WORK SHALL BE DONE IN ACCORDANCE WITH HOWARD COUNTY DESIGN MANUAL VOL. 11.
  9. CONTRACTOR SHALL NOTIFY CONSTRUCTION INSPECTION / SURVEY DIVISION 24 HOURS IN ADVANCE OF STARTING WORK @ 202-2417 OR 2418.
  10. CONTRACTOR SHALL NOTIFY "MISS UTILITY" @ 1-555-0100, 5 DAYS BEFORE STARTING WORK.
  11. PARKING DATA:  
OFFICE AREA = 4200 SF @ 2 SP/1000 SF = 8  
WAREHOUSE, SHOP & STORAGE AREA = 8000 SF OR 15 EMP. @ 1 SP/1 EMP. = 15  
TOTAL REQ = 24 SPACES  
TOTAL PROVIDED = 23 PLUS 4 SPACES FOR THE HANDICAPPED = 27 SP.



**APPROVED**  
PLANNING BOARD  
OF HOWARD COUNTY  
DATE: 1-12-83  
INDEX OF DRAWINGS:  
1. SITE DEVELOPMENT PLAN  
2. SEDIMENT CONTROL PLAN  
3. DRAINAGE AREA MAP

**DEVELOPER'S CERTIFICATE:**  
I hereby certify that all development and/or construction will be done according to this plan of development and erosion & sediment control, and I authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as are deemed necessary. I also certify that all responsible personnel involved in the construction project will have a certificate of attendance at a Dept. of Natural Resources approved Training Program for the control of sediment & erosion before beginning the project.

**ENGINEER'S CERTIFICATE:**  
I hereby certify that this plan for erosion & sediment control and plan for development represents a practical & workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the Howard Soil Conservation District.

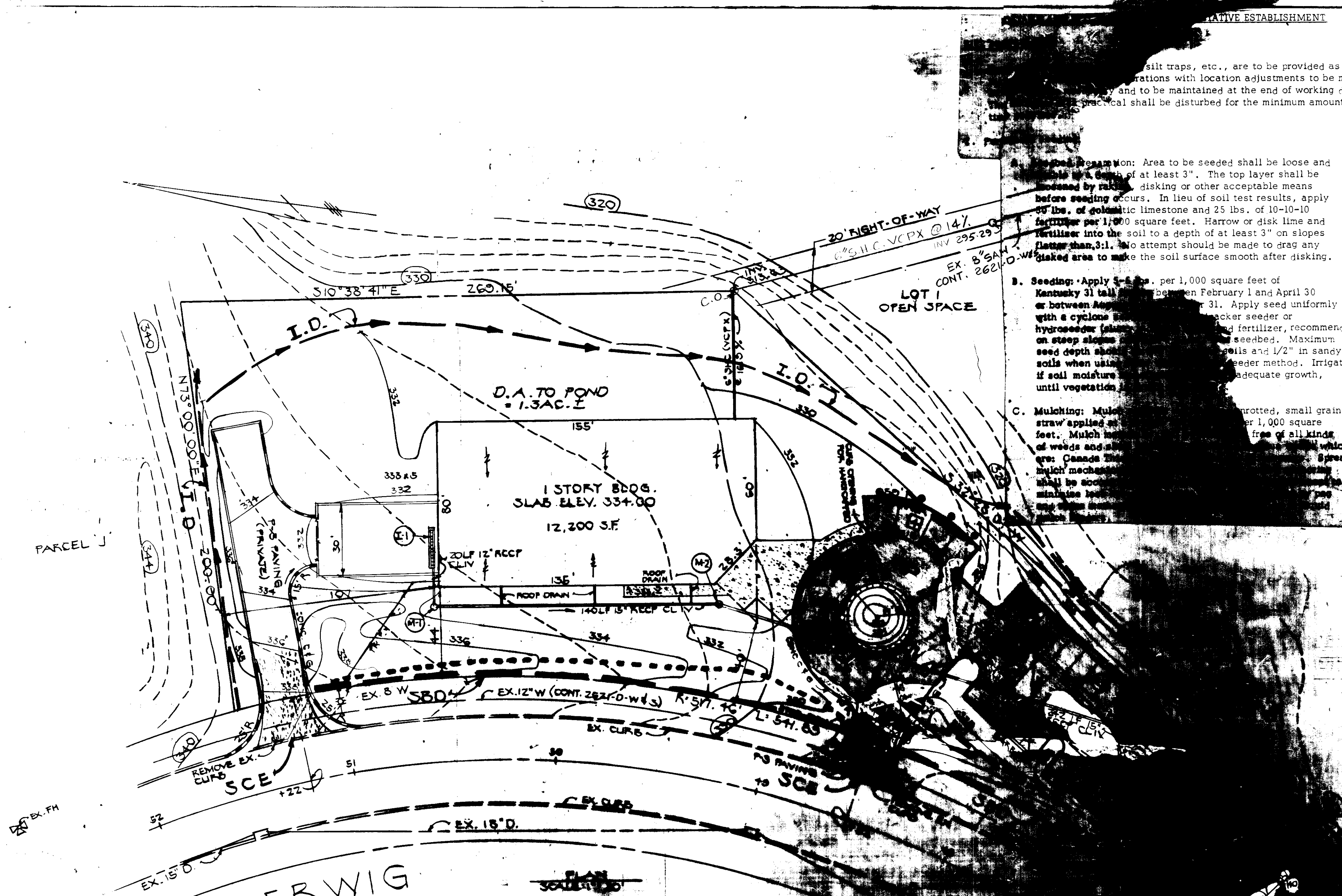
REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT & MEETS TECHNICAL REQUIREMENTS  
James M. Helm... 8-11-83  
U.S. SOIL CONSERVATION DISTRICT  
HOWARD SOIL CONSERVATION DISTRICT  
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION & SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT  
Wm V. Rowe... 8-11-83  
APPROVED: H.S.C.D.

HOWARD CO. STD'S  
1. CONC. C&B 7.3.01  
2. REVERSE C&B 7.3.01  
3. SIDEWALK 7.3.05  
4. PAVING 7.2.01  
APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT  
COUNTY HEALTH OFFICER... 7-12-83  
APPROVED: HOWARD CO. OFFICE OF PLANNING & ZONING  
DIRECTOR... 7-6-83  
CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION... 7-6-83

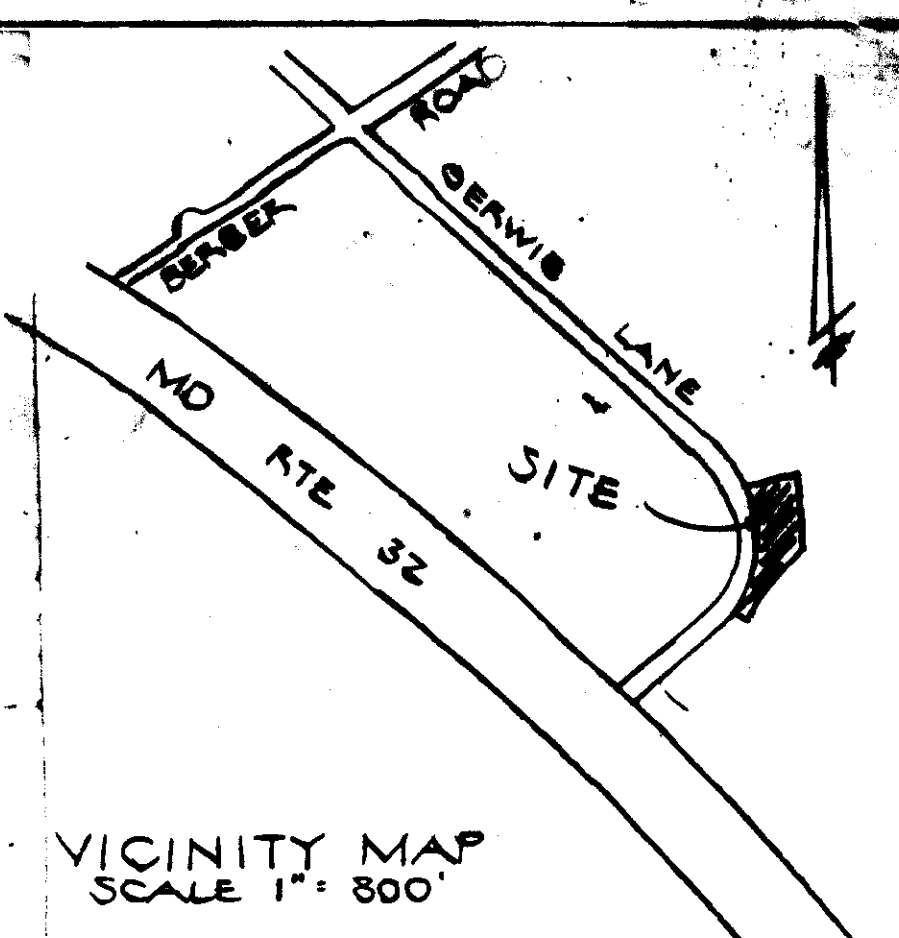
ENGINEER  
HUDKINS ASSOCIATES, INC.  
200 E. JOPPA ROAD  
TOWSON, MD, 21284  
828-3060  
ARCHITECT  
L.O.R.  
5560 STERRETT PLACE  
COLUMBIA, MARYLAND, 21044  
730-5151  
OWNER  
HOWARD RESEARCH & DEVELOPMENT CORPORATION  
COLUMBIA, MD, 21044  
DEVELOPER  
MANEIKIN CORPORATION  
SUITE 2100  
36 S. CHARLES ST.  
BALTO., MD 21201

APPROVED FOR PUBLIC WATER, SEWERAGE & STORM DRAINAGE SYSTEMS & PUBLIC ROADS.  
HOWARD COUNTY DEPT. OF PUBLIC WORKS  
Director... 9-1-83  
DATE  
CHIEF, BUREAU OF ENGINEERING... 9-1-83  
DATE  
HOWARD COUNTY WORKSHOP  
PARCEL 'I'  
E.G.U. SUBDIVISION  
SECT. 2 AREA 3 PLAT 21-86  
ELECT. DIST. 6 HOWARD CO., MD  
SDP-83-63  
SITE DEVELOPMENT PLAN  
DATE 11-11-82  
REVISIONS 1-8-83  
1 OF 4





3. Temporary Seeding:
- Lime: 50 lbs. of dolomitic limestone per 1,000 square feet
  - Fertilizer: 15 lbs. of 10-10-10 per 1,000 square feet
  - Seed: Perennial rye, Italian rye - 0.92 lbs. per 1,000 square feet (Feb. 1 through April 30 or Aug. 15 through Nov. 1)
  - Millet - 0.92 lbs. per 1,000 square feet (May 1 - August 15)
  - Mulch: Same as above (Nov. 2 through Jan. 31, use mulch only)
4. No fills may be placed on frozen ground. All fill to be placed in approximately horizontal layers, each layer having a loose thickness of not more than 8". All fill in roadways and parking areas is to be compacted to 90% density; compaction to be determined by ASTM D-1557 (Modified Proctor). Any fill within building area to be compacted to a minimum of 95% as determined by methods previously mentioned. All other fills shall be compacted sufficiently so as to be stable and prevent erosion and slippage.
5. Permanent Sod:
- Permanent sod is to be Kentucky 31 tall fescue state approved sod; lime and fertilize per permanent seeding specifications and lightly irrigate soil prior to laying sod. Sod is to be laid on the contour with all ends tightly abutting. Water and roll or tamp sod to insure positive root contact with the soil. All slopes greater than 3 to 1, as shown, are to be permanently sodded. Additional watering for establishment may be required. Sod is not to be applied on frozen ground.

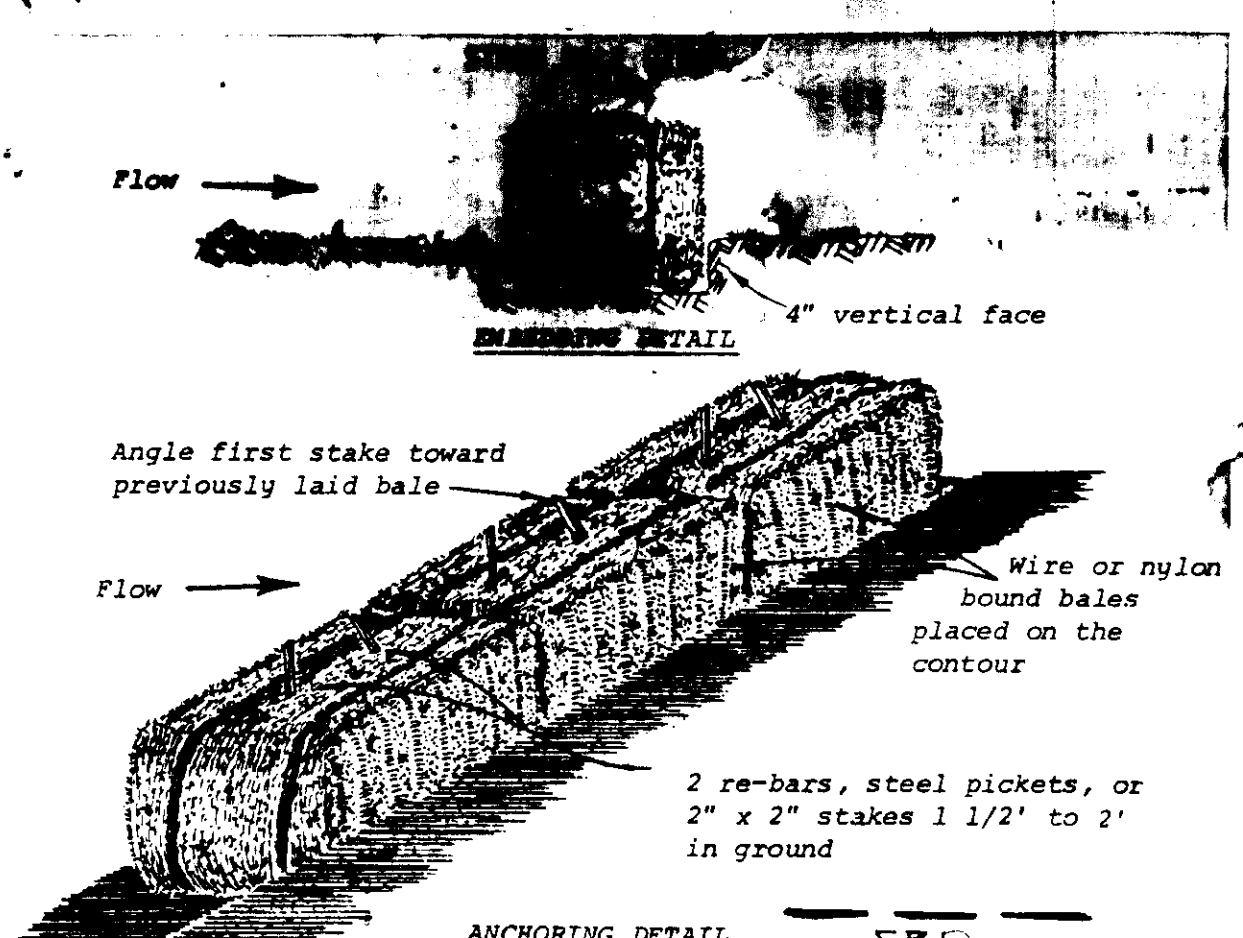
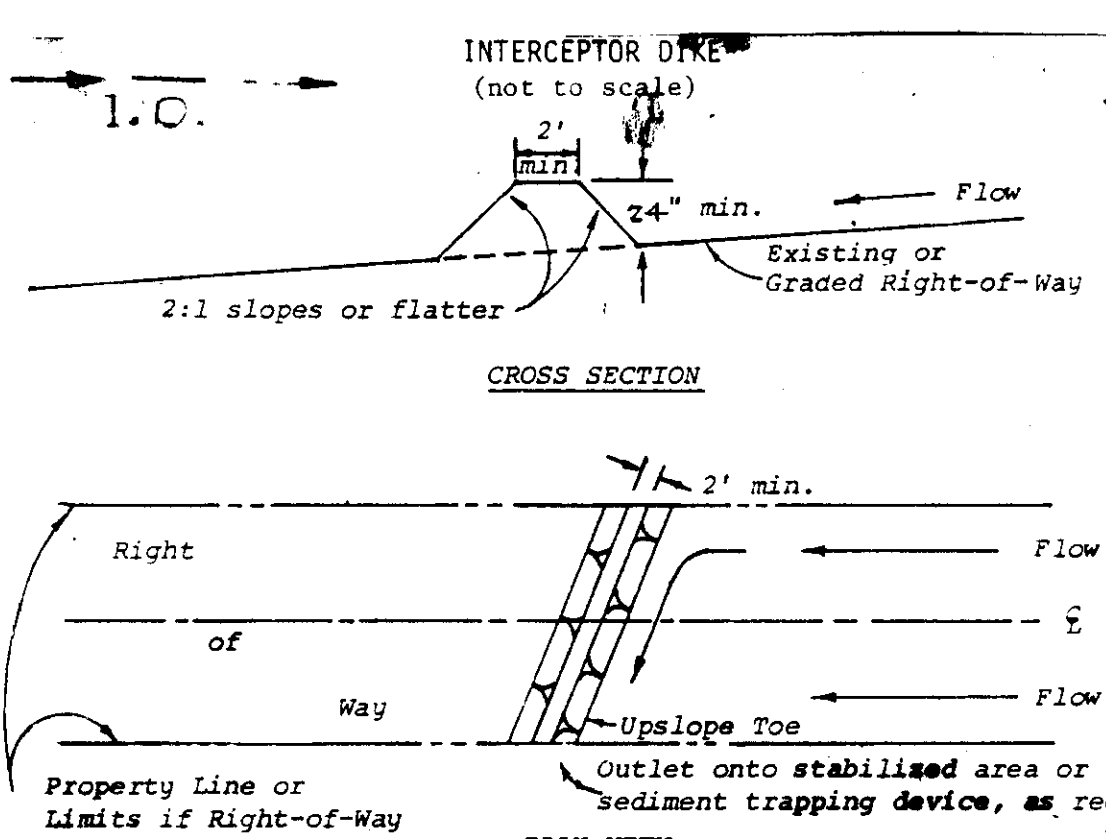


6. Seedling: Apply 1-5 lbs. per 1,000 square feet of Kentucky 31 tall fescue between February 1 and April 30 or between August 15 and October 31. Apply seed uniformly with a cyclone spreader or backpack seeder or hydroseeder (slurry) and fertilizer, recommended on steep slopes. Seed depth shall be 1/2" in sandy soils and 1/2" in sandy soils when using hydroseeder method. Irrigate if soil moisture is inadequate for growth.
7. Mulching: Mule manure, rotted, small grain straw applied at 100 lbs. per 1,000 square feet. Mulch must be free of all kinds of weeds and debris. Mulch shall be spread by hand or machine. Mulch shall be so applied as to minimize erosion and prevent weed growth.

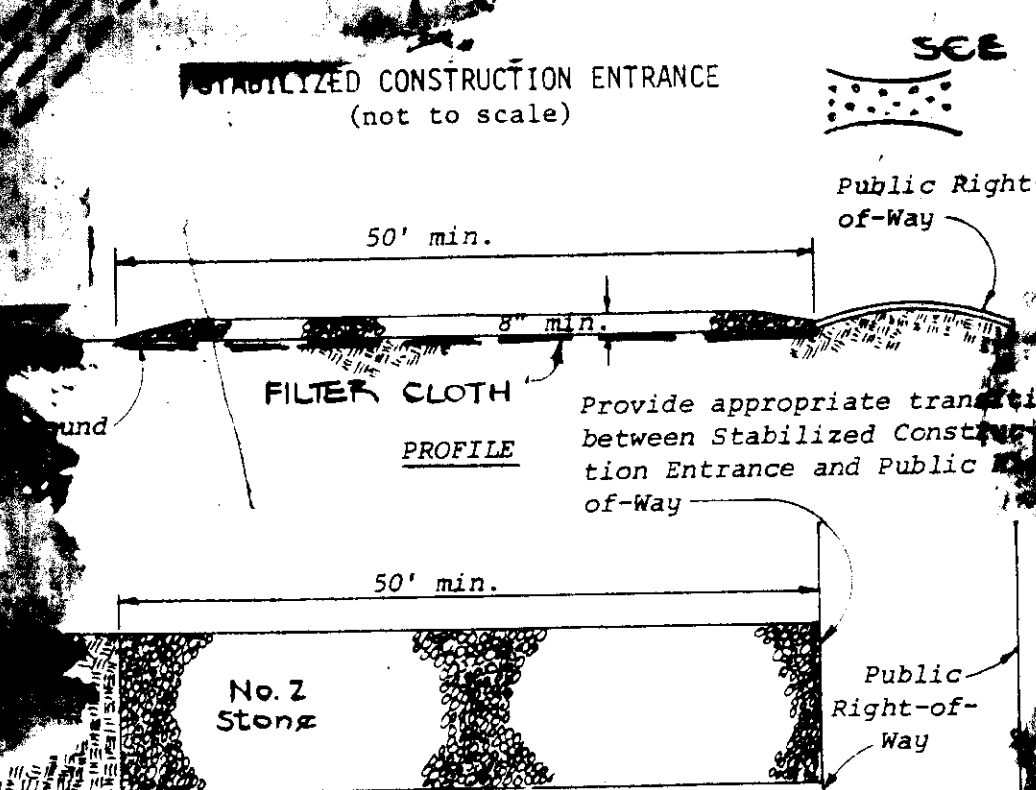
- NOTE: Use of this information does not preclude meeting all of the requirements of the "Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas".
- SEQUENCE OF CONSTRUCTION
- OBTAIN GRADING PERMIT
  - NOTIFY HOWARD CO. DEPT. OF PERMITS & LICENCES
  - INSTALL STONE CONSTRUCTION ENTRANCE, INTERCEPTOR DIKE & STRAW BALE DIKE
  - EXCAVATE POND & INSTALL PIPE OUTFALL. PROVIDE PROTECTION & LOW FLOW PIPE.
  - ROUGH GRADE SITE
  - INSTALL STORM DRAINS
  - PROCEED WITH BUILDING & UTILITY CONSTRUCTION
  - FINE GRADE SITE
  - STABILIZE AREAS TO BE SEEDING PER PERMANENT SEEDING NOTES.
  - PLACE SUB-BASE MATERIAL IN AREAS TO BE PAVED.
  - REMOVE SEDIMENT CONTROL DEVICES & STABILIZE THOSE AREAS.
  - RUSH STORM DRAIN SYSTEM
  - RESTORE POND TO DESIGN DIMENSIONS.
  - HAVE PARKING AREA
  - OBTAIN FINAL APPROVAL FROM INSPECTOR TO INSURE OCCUPANCY.

**POND DESIGN DATA**  
 DRAIN AREA: 1.3 AC.  
 VOL. RES. 1.3 x 67' = 87 CY  
 VOL. PROVIDED & TOP RISEK (ELEV. 318.50) = 120 CY  
 CLEANOUT @ ELEV. 317.3 OR 1.20' BELOW TOP OF RISEK.

- NOTES:
- Notify the Howard County Bureau of Inspection & Permits @ least 24 hours before starting work.
  - All sediment control devices are to remain in place until permission for removal has been obtained from the Howard County Bureau of Inspection and Permits.
  - Structural Measures such as berms, dikes, traps, basins, etc., will be installed & stabilized according to the plan prior to any disturbance of the existing surface of the site.
  - On site inspection and maintenance of all sediment control measures including cleanout of traps and berms & proper establishment of all planned vegetative measure will be the responsibility of the developer or his representative on the site on a continuing day to day basis.
  - All construction will be done in accordance with the standards and specifications for soil erosion & sediment control in developing areas.



**SITE ANALYSIS**  
 TOTAL AREA: 1.3 AC ±  
 AREA TO BE DISTURBED: 1.7 AC ±  
 AREA TO BE PAVED OR ROOFED: 0.7 AC ±  
 AREA TO BE SEEDING OR SCOOLED: 0.2 AC ±  
 AREA LEFT UNDISTURBED: 0.2 AC ±



**APPROVED**  
 PLANNING BOARD  
 OF HOWARD COUNTY  
 DATE: 1-12-83  
 [Signature]  
 CHIEF, BUREAU OF ENGINEERING

**DETAIL OF PROTECTION AT LOW FLOW PIPE**

**DEVELOPER'S CERTIFICATE:**  
 I hereby certify that all development and/or construction will be done according to this plan of development and erosion & sediment control, and I authorize periodic on-site inspection by The Howard Soil Conservation District or their authorized agents as are deemed necessary. I also certify that all responsible personnel involved in the construction project will have a certificate of attendance at a Dept. of Natural Resources approved Training Program for the control of sediment & erosion before beginning the project.

**ENGINEER'S CERTIFICATE:**  
 I hereby certify that this plan for erosion & sediment control and plan for development represents a practical & workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the Howard Soil Conservation District.

APPROVED FOR THE HOWARD SOIL CONSERVATION DISTRICT & MEETS TECHNICAL REQUIREMENTS

[Signature]  
 U.S. SOIL CONSERVATION DISTRICT

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

[Signature]  
 APPROVED: H.S.C.D. DATE: 8-11-83

ENGINEER:  
**MUDKINS ASSOCIATES, INC.**  
 200 E. JOPPA ROAD  
 TOWSON, MD 21204  
 828-3060

ARCHITECT:  
**L.O.R.**  
 5860 STEWART PLACE  
 COLUMBIA, MARYLAND, 21044  
 732-2101

OWNER:  
**HOWARD RESEARCH & DEVELOPMENT CORPORATION**  
 COLUMBIA, MD. 21044

DEVELOPER:  
**MANERIN CORPORATION**  
 SUITE 2100  
 13 E. CHARLES ST.  
 BALTIMORE, MD. 21202

APPROVED FOR PUBLIC WATER, SEWERAGE & STORM DRAINAGE SYSTEMS & PUBLIC ROADS.  
 HOWARD COUNTY, DEPT. OF PUBLIC WORKS

[Signature]  
 DIRECTOR DATE: 9-1-83

[Signature]  
 CHIEF, BUREAU OF ENGINEERING DATE: 9-1-83

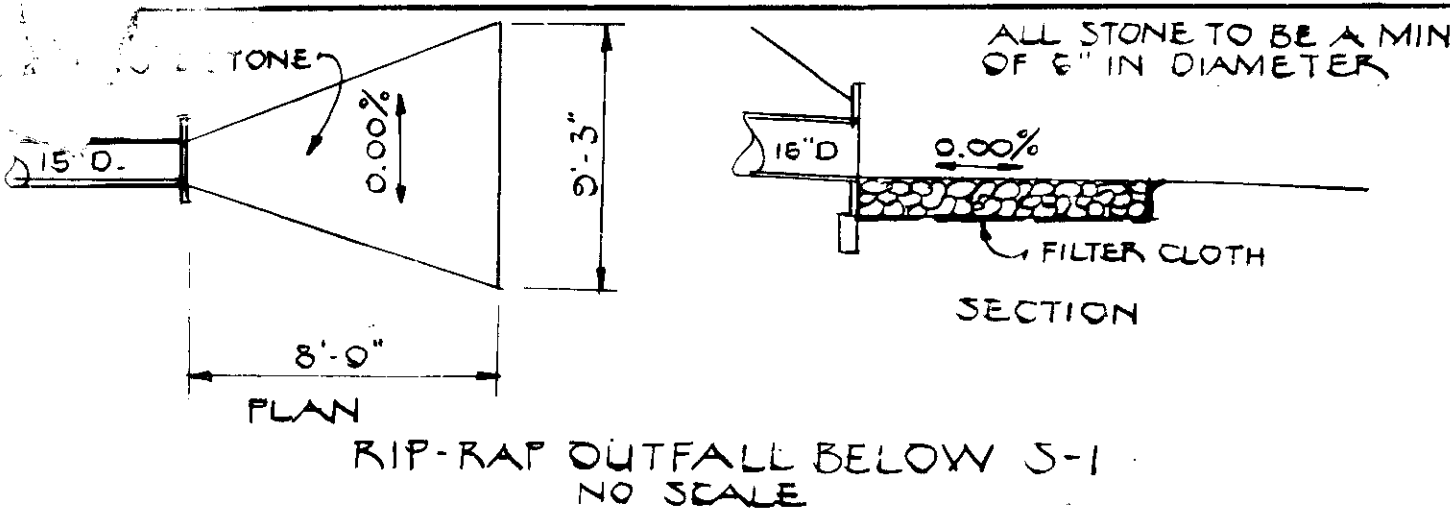
**HOWARD COUNTY WORKSHOP**

**PARCEL 'I'**  
**E.G.D. SUBDIVISION**  
 SECT. 2 AREA 3 PLAT 21-86  
 ELECT. DIST. 6 HOWARD CO., MD.

**SDP-83-03**  
 SEDIMENT CONTROL PLAN

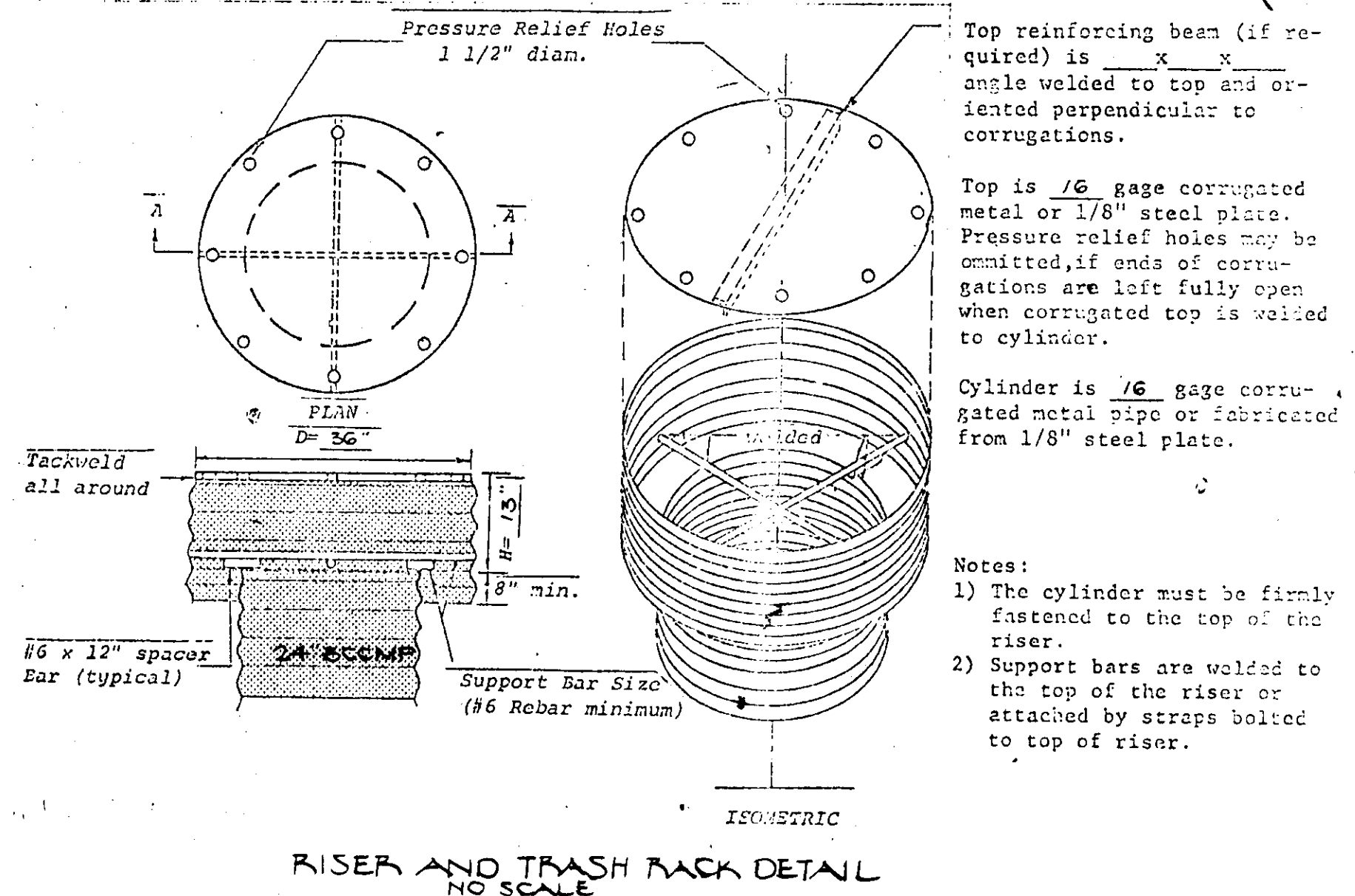
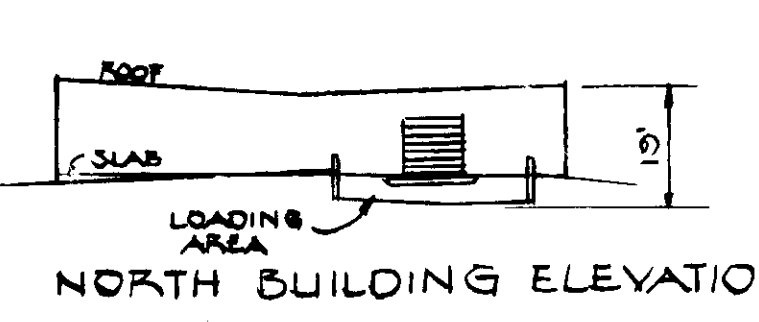
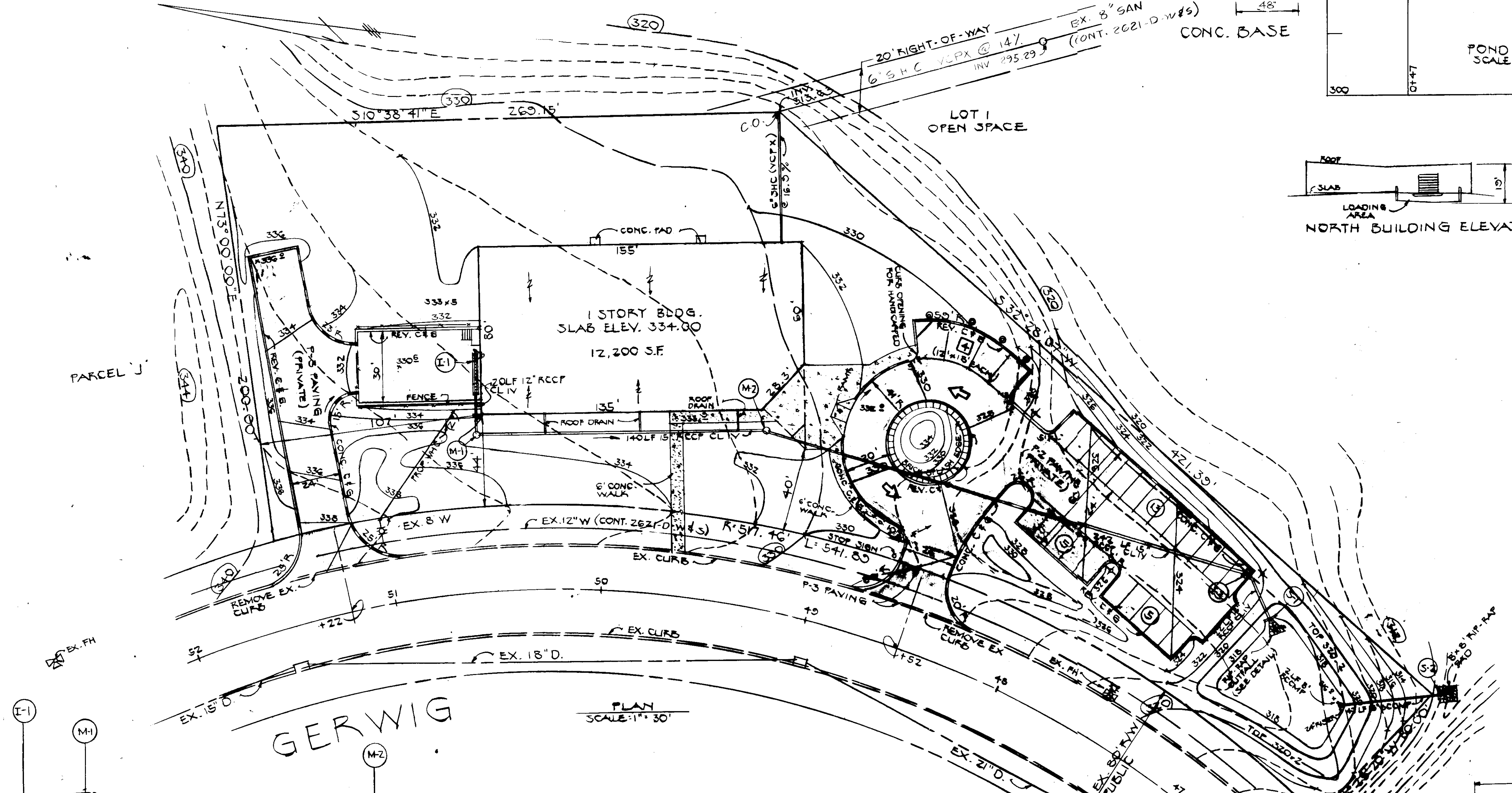
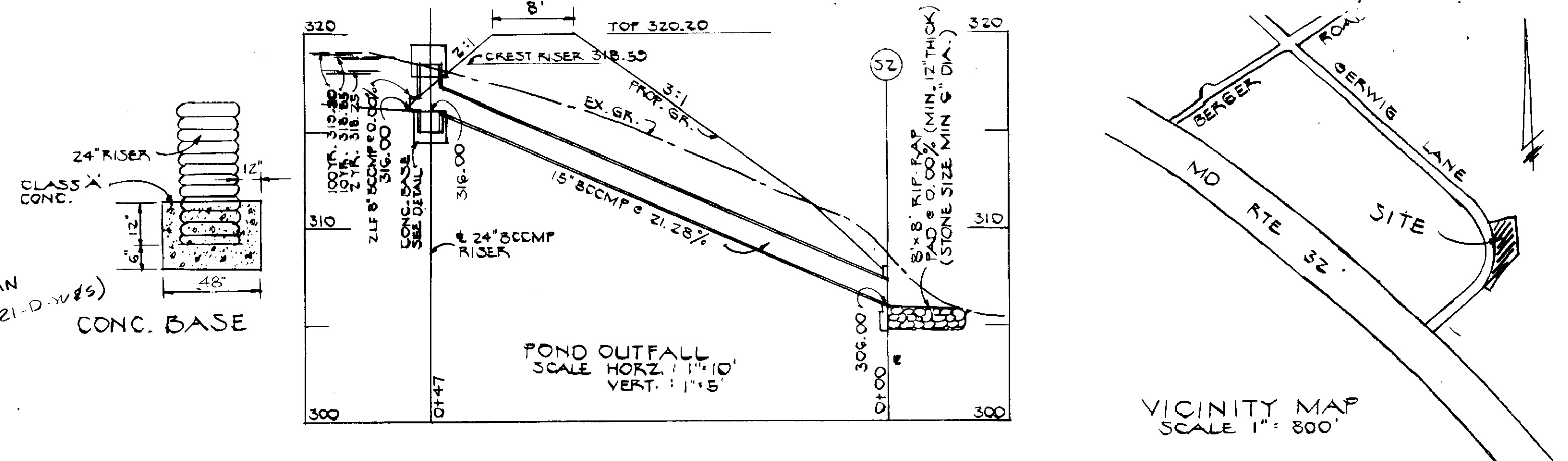
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 REVISIONS: 1-8-83  
 2 OF 4



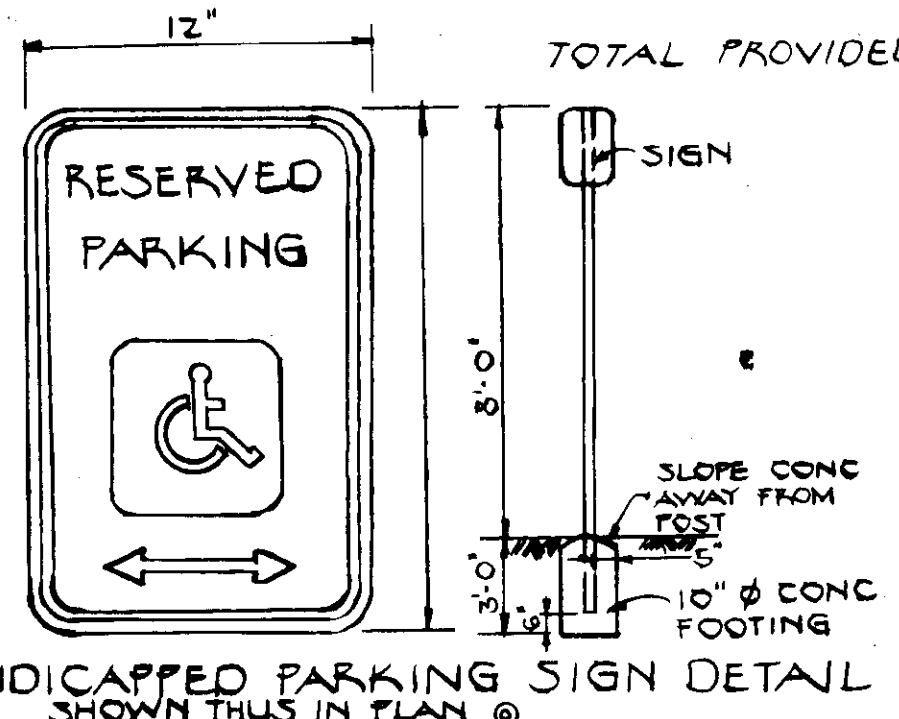
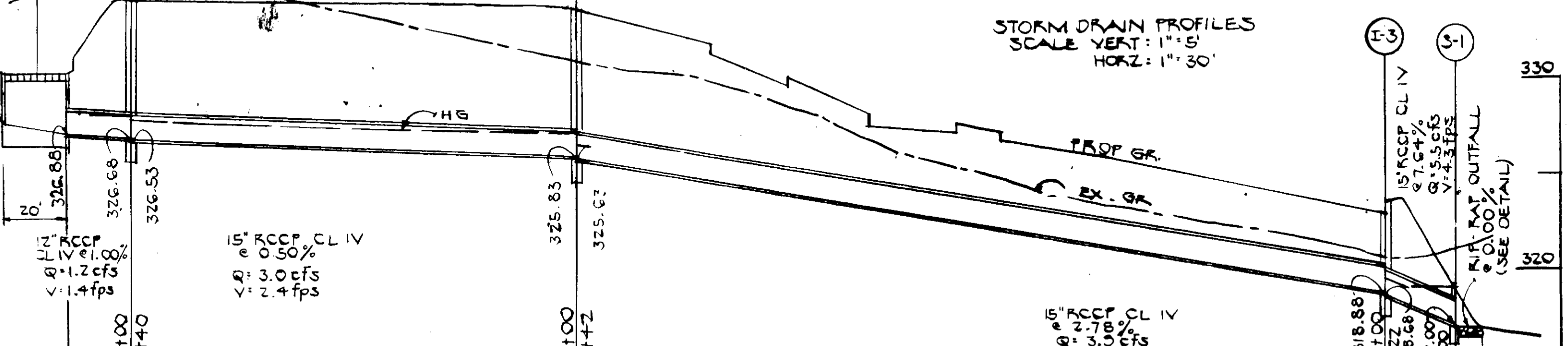


STRUCTURE SCHEDULE					
NO	TYPE	INV. IN	INV. OUT	TOP	REMARKS
I-1	"C"	-	326.88	330.00	30'-4.18 *
I-3	"S' COMB.	316.88	316.68	323.60	30'-4.32
M-1	A-Z MH	326.68	326.53	337.30	30'-3.02
M-2	A-Z MH	325.83	325.63	333.50	30'-3.02
S-1	"C" ENDWALL	-	317.00	319.00	30'-5.21
S-2	"C" ENDWALL	-	306.00	308.00	30'-6.21

\* WIDTH = 1'-5"



- NOTES:
- AREA OF PARCEL = 1.907 AC.
  - ZONING - NEW TOWN, EMPLOYMENT CENTER INDUSTRIAL (FDP PHASE 05)
  - BUILDING AREA = 12,200 SF = 14.7%
  - GREEN SPACE = 1.15 AC = 60.3%
  - ANY DAMAGE WITHIN THE RIGHT-OF-WAY OF GERWIG LANE SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
  - THIS SITE IS NOT AFFECTED BY A 100 YEAR FLOOD PLAIN.
  - THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF EXISTING UTILITIES TO HIS OWN SATISFACTION BEFORE STARTING WORK.
  - ALL WORK SHALL BE DONE IN ACCORDANCE WITH HOWARD COUNTY DESIGN MANUAL VOL. IV.
  - CONTRACTOR SHALL NOTIFY CONSTRUCTION INSPECTION / SURVEY DIVISION 24 HOURS IN ADVANCE OF STARTING WORK @ 202-2417 OR 2418.
  - CONTRACTOR SHALL NOTIFY MISS UTILITY @ 1-550-0100, 5 DAYS BEFORE STARTING WORK.
  - PARKING DATA:  
OFFICE AND SHOP AREA - 8000 SF @ 2 SP/1000 SF = 16  
WAREHOUSE AND STORAGE AREA - 4200 SF OR 2 EMP. @ 1 SP/2 EMP. = 1  
TOTAL REQ. = 17 SPACES  
TOTAL PROVIDED = 23 PLUS 4 SPACES FOR THE HANDICAPPED = 27 SP.



APPROVED  
PLANNING BOARD  
OF HOWARD COUNTY  
1-12-83

APPROVED FOR PUBLIC WATER, SEWERAGE & STORM DRAINAGE SYSTEMS & PUBLIC ROADS.  
HOWARD COUNTY DEPT. OF PUBLIC WORKS

DEVELOPER'S CERTIFICATE:  
I hereby certify that all development and/or construction will be done according to this plan of development and erosion & sediment control, and I authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as are deemed necessary. I also certify that all responsible personnel involved in the construction project will have a certificate of attendance at a Dept. of Natural Resources approved Training Program for the control of sediment & erosion before beginning the project.

ENGINEER'S CERTIFICATE:  
I hereby certify that this plan for erosion & sediment control and plan for development represents a practical & workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the Howard Soil Conservation District.

REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT & MEETS TECHNICAL REQUIREMENTS  
*[Signature]*  
S. SOIL CONSERVATION DISTRICT DATE

HOWARD SOIL CONSERVATION DISTRICT  
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION & SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT  
*[Signature]*  
APPROVED: H.S.C.D. DATE 8-11-83

HOWARD CO. STD'S  
1. CONC. C&B R 3.01  
2. REVERSE C&B R 3.01  
3. SIDEWALK R 3.05  
4. PAVING R 2.01

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD CO. OFFICE OF PLANNING & ZONING  
DIRECTOR DATE  
CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION DATE

ENGINEER  
HUDKINS ASSOCIATES, INC.  
200 E. JOPPA ROAD  
TOWSON, MD. 21204  
828-5060

ARCHITECT  
L. D. R.  
5560 STERRETT PLACE  
COLUMBIA, MARYLAND, 21044  
730-3101

OWNER  
HOWARD RESEARCH & DEVELOPMENT CORPORATION  
COLUMBIA, MD. 21044

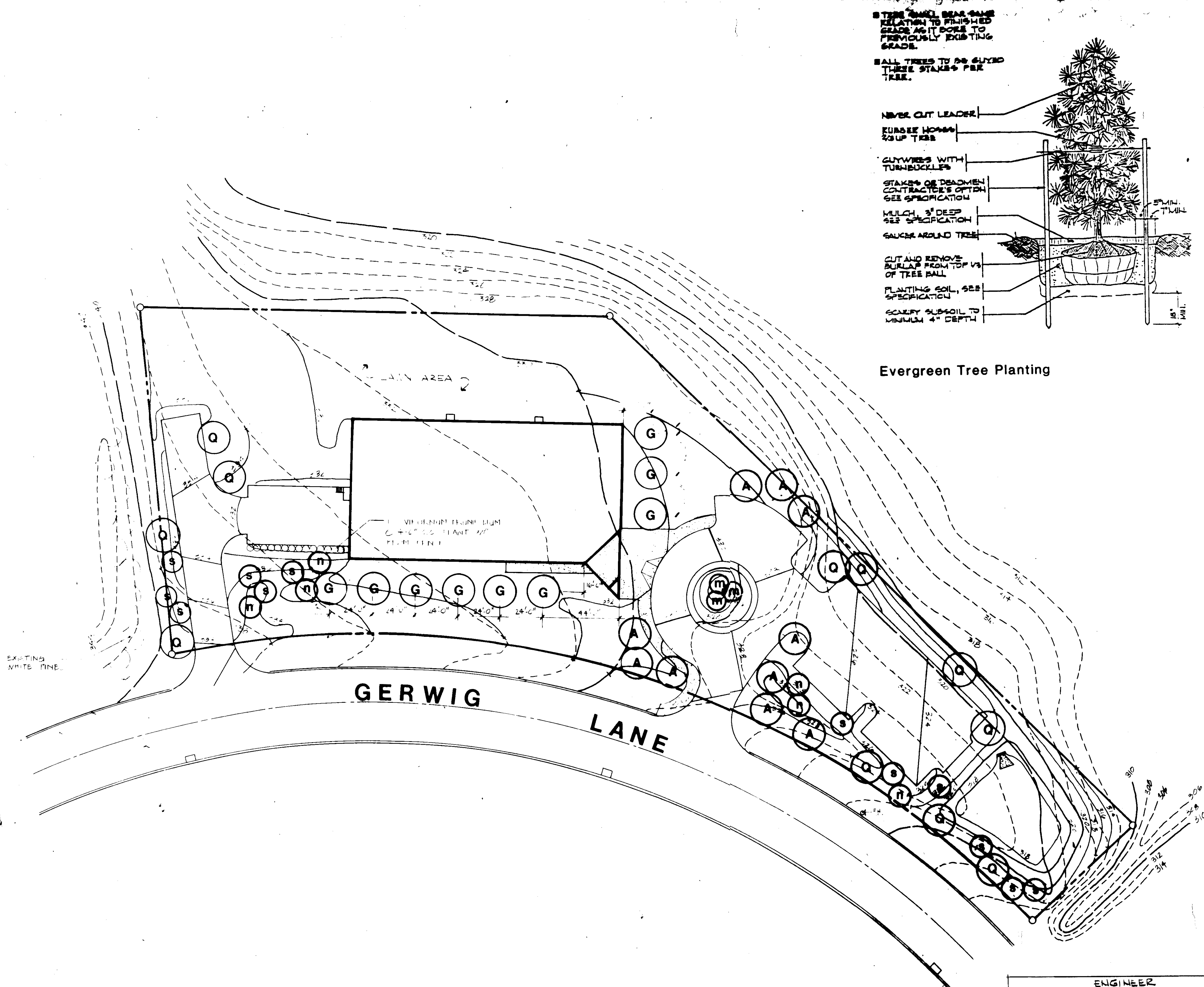
DEVELOPER  
MANEKIN CORPORATION  
SUITE 2100  
36 S. CHARLES ST.  
BALTO., MD 21201

DIRECTOR DATE  
CHIEF, BUREAU OF ENGINEERING DATE

HOWARD COUNTY WORKSHOP  
PARCEL 'I'  
E.G.U. SUBDIVISION  
SECT. 2 AREA 3 PLAT 21-86  
ELECT. DIST. 6 HOWARD CO., MD.

DRAINAGE AREA MAP  
DATE 11-11-82 REVISIONS 3 OF 4





STAKE SHALL BE AS SAME RELATION TO FINISHED GRADE AS IT DOES TO PREVIOUSLY EXISTING GRADE.

ALL TREES TO BE GUYED THREE STAKES PER TREE.

NEVER CUT LEADER.

KUNDE HONOR 2" UP TREE.

GUYWIRES WITH TURNBUCKLES.

STAKES OR DEADMEN CONTRACTOR'S OPTION SEE SPECIFICATION.

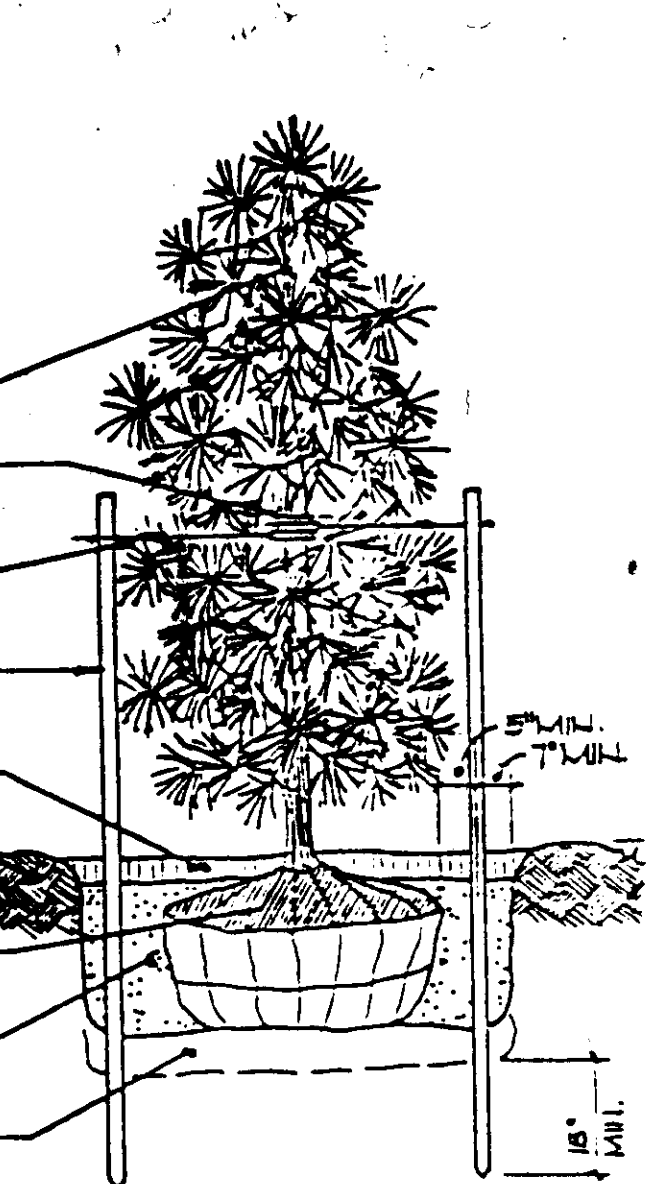
MULCH 3" DEEP SEE SPECIFICATION.

SAUCE AROUND TREE.

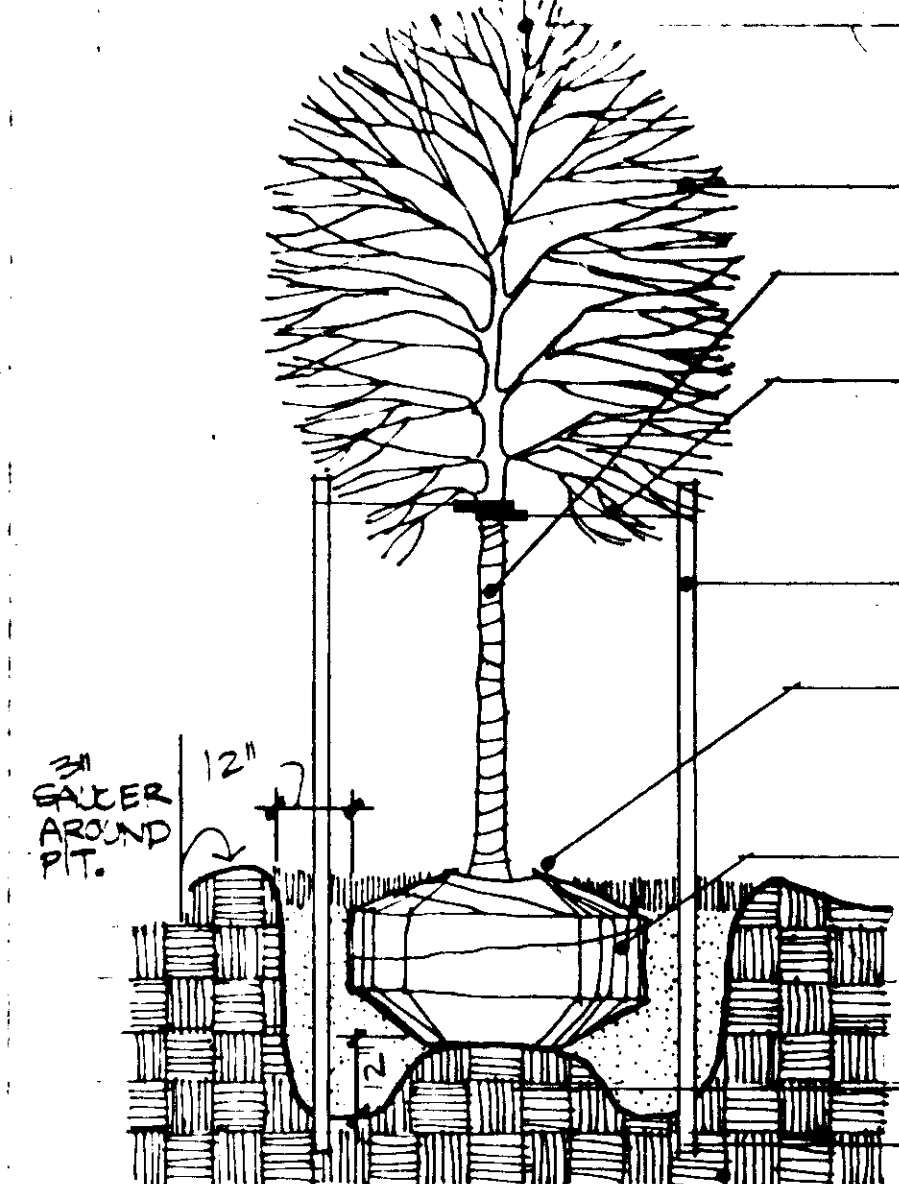
CUT AND REMOVE BURLAP FROM TOP 1/3 OF TREE BALL.

PLANTING SOIL, SEE SPECIFICATION.

SCAFFY SUBSOIL TO MINIMUM 4" DEPTH.



Evergreen Tree Planting



RETAIN NATURAL LEADER.

PRUNE OUT 1/4 TO 1/3 OF GROWTH MAINTAIN NATURAL SHAPE AND CHARACTER OF TREE. (NOT ALL END TIPS)

TREE JUMP TO FAST BRANCH.

DOUBLE STRAND #10 GALLON GUY WIRE PROTECTED WITH 2" DIAMETER BLACK HOSE.

2" SQUARE HARDWOOD STAKES DO NOT DRIVE THROUGH ROOT BALL.

PLANT SO THAT ROOT BALL IS 2-3" ABOVE FINISHED GRADE. FILL EARTH WITH MULCH. (2" MINIMUM LAYER)

CUT BURLAP FROM TOP 1/3 OF ROOT BALL. BACKFILL PIT WITH PLANT MIX. SEE SPECIFICATIONS.

MECHANICALLY TAMP EARTH AROUND AS SHOWN TO PROVIDE FIRM BASE FOR ROOT BALL.

STAKE 18" BELOW PIT (MIN.)

USE 3 STAKES/TREE.

Deciduous Tree Planting

PLANT LIST

KEY	QUAN.	BOTANICAL NAME/COMMON NAME	SIZE	REMARKS
A	10	Acer rubrum 'October Glory' / October Glory Red Maple	2 1/2" - 3" cal. / 12-14' ht.	B&B Well-headed
G	9	Gledisia triacanthos inermis / Thornless Honeylocust	2 1/2" - 3" cal. / 12-14' ht.	B&B Well-headed
M	3	Magnolia soulangiana / Saucer Magnolia	6-8" ht.	B&B Heavy
N	6	Pinus nigra nigra / Austrian Pine	7-8' ht.	B&B
B	12	Pinus strobus / White Pine	7-8' ht.	B&B
Q	11	Quercus palustris / Pin Oak	2 1/2" - 3" cal. / 12-14' ht.	B&B
O	15	Viburnum prunifolium / Blackhaw Viburnum	3 1/2' - 4' ht.	B&B

**APPROVED**  
PLANNING BOARD  
OF HOWARD COUNTY  
DATE 1-12-83  
*[Signature]*

APPROVED FOR PUBLIC WATER SEWERAGE & STORM DRAINAGE SYSTEMS & PUBLIC ROADS.  
HOWARD COUNTY DEPT. OF PUBLIC WORKS

*[Signature]* 9-1-83  
DIRECTOR DATE

*[Signature]* 9-1-83  
CHIEF, BUREAU OF ENGINEERING DATE

HOWARD COUNTY WORKSHOP  
PARCEL I  
E.G.U. SUBDIVISION  
SECT. 2 AREA 3 PLAT 21-86  
ELECT. DIST. G HOWARD CO., MD.

LANDSCAPE PLAN  
DATE 1-8-83  
4 OF 4

DEVELOPER'S CERTIFICATE:  
I HEREBY CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND EROSION & SEDIMENT CONTROL, AND I AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY. I ALSO CERTIFY THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPT. OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT & EROSION BEFORE BEGINNING THE PROJECT.

*[Signature]* 1-8-83

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

*[Signature]* 8-11-83

REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT & MEETS TECHNICAL REQUIREMENTS

*[Signature]* 8-11-83  
U.S. SOIL CONSERVATION DISTRICT DATE

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

*[Signature]* 8-11-83  
APPROVED: H.S.C.D. DATE

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT  
*[Signature]* 9/2/83  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD CO. OFFICE OF PLANNING & ZONING

*[Signature]* 9-1-83  
DIRECTOR DATE

*[Signature]* 9-1-83  
CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION DATE

ENGINEER  
HOOKINS ASSOCIATES, INC.  
200 E. JOPPA ROAD  
TOWSON, MD. 21284  
828-9060

ARCHITECT  
L.D.R.  
5560 STERRETT PLACE  
COLUMBIA, MARYLAND, 21044  
730-3101

OWNER  
HOWARD RESEARCH & DEVELOPMENT CORPORATION  
COLUMBIA, MD. 21044

DEVELOPER  
MANEKN CORPORATION  
SUITE 2100  
316 S. CHARLES ST  
BALTO. MD. 21201