

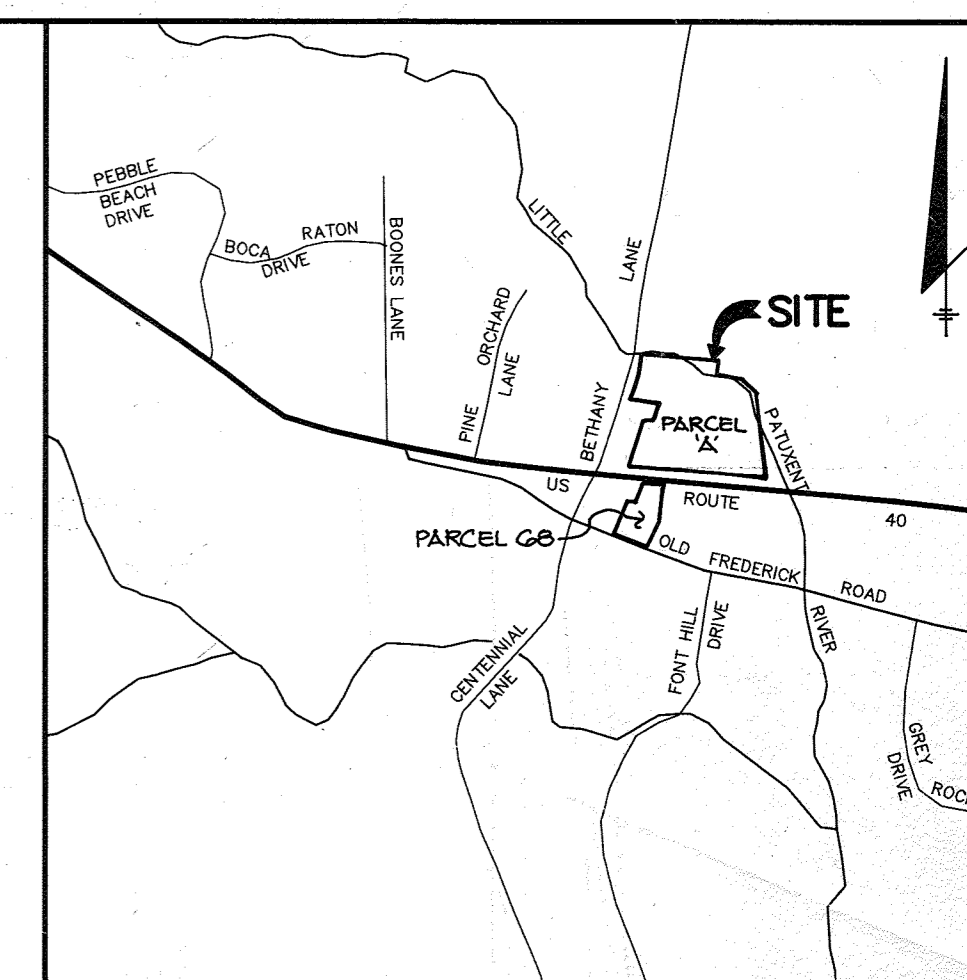
NO.	DESCRIPTION
1	TITLE SHEET
2	SITE DEVELOPMENT PLAN
3	SITE DEVELOPMENT PLAN
4	SITE DEVELOPMENT PLAN
5	SITE DEVELOPMENT PLAN
6	SITE DEVELOPMENT PLAN
7	DRAINAGE AREA MAP
8	DRAINAGE AREA MAP
9	DRAINAGE AREA MAP
10	DRAINAGE AREA MAP
11	DRAINAGE AREA MAP
12	STORM DRAIN PROFILES
13	STORM DRAIN, WATER AND SEWER PROFILES AND DETAIL SHEET
14	ROOF DRAIN PROFILES
15	STORM DRAIN PROFILES, SWM DETAILS AND PROFILES
16	SWM PROFILES AND DETAILS AND STRUCTURE SCHEDULE
17	WATER AND SEWER PROFILES
18	DETAIL SHEET
19	EROSION AND SEDIMENT CONTROL PLAN
20	EROSION AND SEDIMENT CONTROL PLAN
21	EROSION AND SEDIMENT CONTROL PLAN / 21B EBS CONTROL PLAN / 21C EBS CONTROL DETAILS
22	EROSION AND SEDIMENT CONTROL PLAN
23	EROSION AND SEDIMENT CONTROL PLAN
24	WATER QUALITY STRUCTURE DETAILS, BORING PROFILES AND DETAILS
25	SWM POND SPECS. AND SEDIMENT CONTROL NOTES AND DETAILS
26	LANDSCAPING PLAN
27	LANDSCAPING PLAN
28	LANDSCAPING PLAN AND PLANT LIST / 28B LANDSCAPE BUFFER REPLACEMENT PLAN
29	LANDSCAPING PLAN
30	LANDSCAPING PLAN AND PLANT LIST
31	ENVIRONMENTAL ANALYSIS
32	ENVIRONMENTAL ANALYSIS
33	ENVIRONMENTAL ANALYSIS
34	ENVIRONMENTAL ANALYSIS
35	ENVIRONMENTAL ANALYSIS
36	PLAN OF U.S. ROUTE 40 AND DETAIL SHEET
37	STORM DRAIN PROFILES
38	EROSION AND SEDIMENT CONTROL NOTES AND DETAILS
39	LANDSCAPING PLAN AND PLANT LIST NOTES AND DETAILS
40	MISCELLANEOUS DETAILS
41	LANDSCAPE PLAN
42	LANDSCAPE NOTES AND DETAILS
GENERAL NOTES	

SITE DEVELOPMENT PLAN

THE ENCHANTED FOREST

2nd ELECTION DISTRICT

HOWARD COUNTY, MARYLAND



VICINITY MAP
SCALE: 1" = 2000'

BENCH MARKS

B.M.#1 - HOWARD COUNTY MONUMENT #3241002 ELEV. 356.60
N 526,397.261 E 841,575.71
CONCRETE MONUMENT AT SURFACE 9.3' +/- NORTH OF
NORTH EDGE OF ROUTE 40 EAST BOUND, 21' +/- EAST
OF EAST EDGE OF CROSSOVER AT ENCHANTED FOREST.

B.M.#2 - HOWARD COUNTY MONUMENT #3241001 ELEV. 388.65
N 526,397.261 E 840,996.696
CONCRETE MONUMENT AT SURFACE 9.3' +/- NORTH OF
NORTH EDGE OF ROUTE 40 EAST BOUND, 21' +/- EAST
OF EAST EDGE OF CROSSOVER AT ENCHANTED FOREST.

AS BUILT CERTIFICATE

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

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

OWNER / DEVELOPER
STONEHENGE LIMITED PARTNERSHIP
40 YORK ROAD
TOWSON, MARYLAND 21204

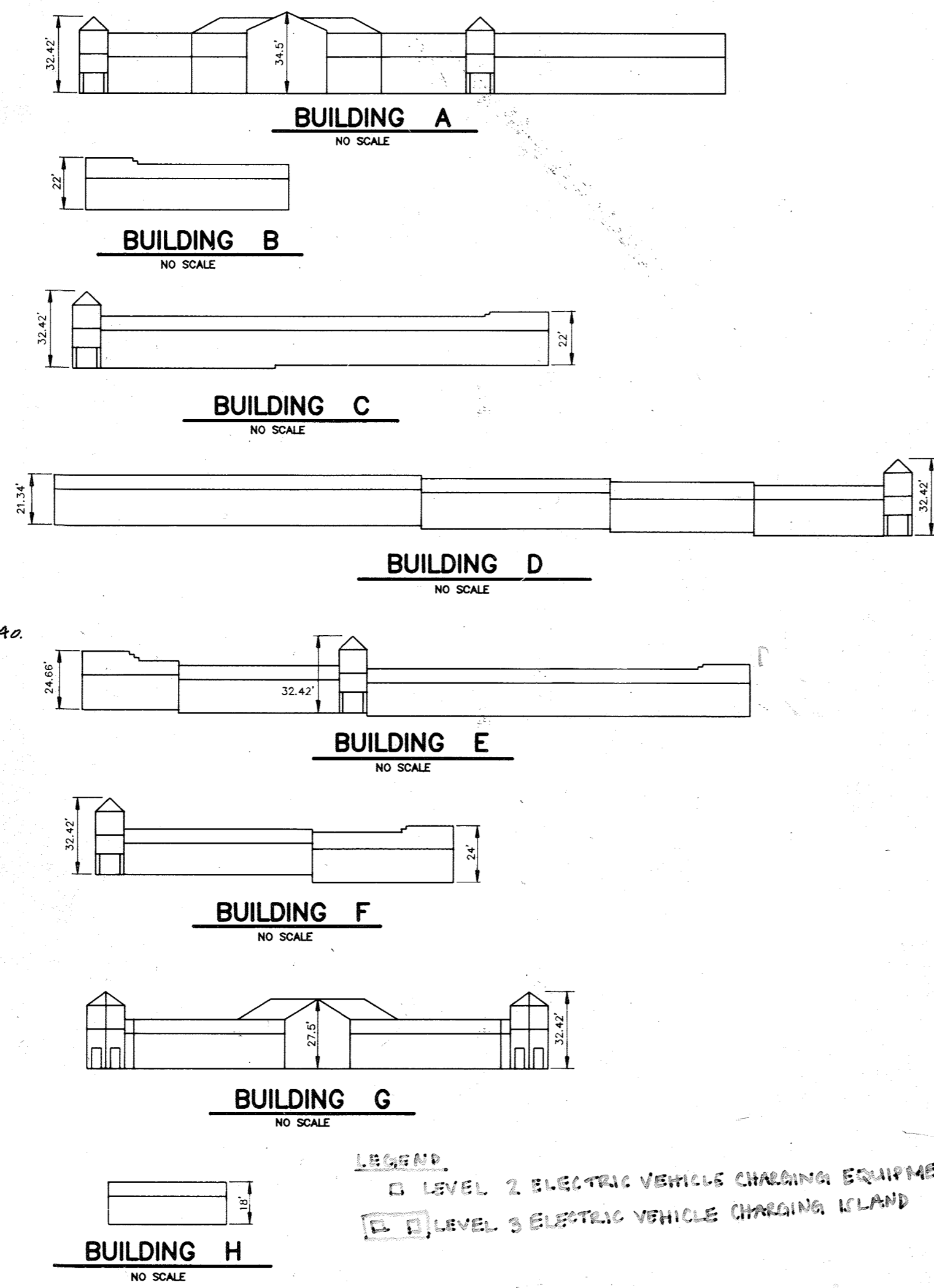
PROJECT
A COMMERCIAL CENTER
THE ENCHANTED FOREST
PARCEL 'A' AND PARCEL 68

AREA TAX MAP NO. 24 PARCELS 454, 564, 19, 68
2nd ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE SHEET

RIEMER MUEGGE & ASSOCIATES, INC.
A Land Planning, Engineering and Consulting Firm
3105 North Ridge Road Ellicott City, Maryland 21043
301-461-2690 FAX: 301-750-3176

DATE
DESIGNED BY: M.G.K.
DRAWN BY: DAM
PROJECT NO: 30110
DATE:
SCALE: AS SHOWN
DRAWING NO. 1 OF 42



SITE TABULATION

- ALL WATER LINES SHALL BE CONSTRUCTED WITH A MINIMUM OF 48" COVER BELOW FINISHED GRADE.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, I.e., STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION, 1989 AMENDMENTS.
- APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN FROM BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AT LEAST FIVE (5) DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS TO VERIFY THEIR LOCATION AND ELEVATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF LOCATION OF UTILITIES IS OTHER THAN SHOWN.
- CONTRACTOR TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS:
MISS UTILITY 1-800-257-7777
CAP TELEPHONE COMPANY 725-9976
HOWARD COUNTY BUREAU OF UTILITIES 313-4900
AT&T CABLE LOCATION DIVISION 393-3553
BALTIMORE GAS & ELECTRIC COMPANY 685-0123
STATE HIGHWAY ADMINISTRATION 331-5532
HOWARD COUNTY CONSTRUCTION/INSPECTION SURVEY 793-7272
DIVISION (24 HOURS NOTICE PRIOR TO COMMENCEMENT OF WORK)
- ALL INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOWARD COUNTY STANDARDS, OR M.S.D.H.A. STANDARDS WITHIN THE R.O.W. OF RT. 40.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT (I) ELEVATIONS.
- THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALLS.
- PROFILE STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.
- NO PIPE SHALL BE LAID UNTIL LINES OF EXCAVATION HAVE BEEN BROUGHT TO SUBGRADE.
- TOPO TAKEN FROM AERIAL SURVEY DATED MARCH 1989, BY MERRICK & CO.
- ALL PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- ALL STORM DRAIN PIPE BEDDING SHALL BE AS SHOWN IN DETAIL C2.01 (TRENCH IN ROCK OR TRENCH IN EARTH AS DETERMINED BY FIELD CONDITIONS) IN VOL. IV OF HOWARD COUNTY DESIGN MANUAL, UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR AS SHOWN ON THE DRAWINGS.
- THE DEVELOPER IS RESPONSIBLE FOR THE ACQUISITION OF ALL EASEMENTS, RIGHTS AND/OR RIGHTS-OF-WAY THAT MAY BE REQUIRED FOR THE SEDIMENT AND EROSION CONTROL PRACTICES, STORM WATER MANAGEMENT PRACTICES AND THE DISCHARGE OF STORM WATER ONTO OR ACROSS ADJACENT OR DOWNSTREAM PROPERTIES INCLUDED IN THIS PLAN. HE IS ALSO RESPONSIBLE FOR THE ACQUISITION OF ALL EASEMENTS, RIGHTS AND/OR WORK ON ADJACENT PROPERTIES INCLUDED IN THIS PLAN.
- 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 18.122A OF THE HOWARD COUNTY CODE. EACH SEPARATE AND INDEPENDENT SEWER CONNECTION SHALL INCLUDE A STANDARD MANHOLE AND OTHER WATER PRE-TREATMENT 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 SEPARATE AND INDEPENDENT SEWER CONNECTION. NO PLAN SHALL DISCHARGE REGULATED NON-DOMESTIC WASTE TO THE PUBLIC SEWERAGE SYSTEM PRIOR TO INSTALLATION OF THE SEPARATE AND INDEPENDENT SEWER CONNECTION AND RELATED INTERIOR WASTE LINES. THE ABOVE REQUIREMENTS SHALL APPLY TO ALL INITIAL AND FUTURE OCCUPANTS OR TENANTS.
- THE OWNER SHALL PROVIDE MAINTENANCE FOR THE WATER QUALITY STRUCTURES PROVIDED FOR THIS DEVELOPMENT.
- ALL IMPROVEMENTS AS SHOWN ON THESE PLANS WITHIN THE R/W OF U.S. ROUTE 40 WILL BE THE RESPONSIBILITY OF THE DEVELOPER.
- ALL EXTERIOR LIGHTING WILL BE DIRECTED/REFLECTED AWAY FROM ADJACENT RESIDENTIALLY ZONED PROPERTIES AND PUBLIC STREET RIGHT-OF-WAYS.
- ZB CASE 867-M REQUESTED REVISION OF 101 AS FROM R-20 TO PARCEL 68 PART OF PARCEL 68 AND BLDG. C, D, E TO BE PART OF PARCEL 68. APPROVED BY THE PLANNING BOARD ON 10/11/11.
- WP-89-140 REQUESTED WATER TO SECT. 16.118.5 AND 16.120 (PRELIMINARY PLAN SUBMITTED) APPROVED SEPT. 8, 1989. ALSO REQUESTED WATER TO SECT. 16.118.5 (ROAD IMPROVEMENTS TO BETHANY LANE) DENIED SEPT. 8, 1989, BUT ALLOWED FOR THE EXERCISE OF THE RIGHT OF ACTUAL IMPROVEMENTS.
- WP-90-548 A REQUEST ORIGINALLY FILED ON NOVEMBER 3, 1989 FOR WAIVER OF SUBDIVISION REGULATIONS

ITEMS A, B, AND C WERE GRANTED APPROVAL BY THE HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING ON 11/11/11 AND WAS DENIED ON APRIL 11, 1990 FOR ACCESS TO FREDERICK RD. (APPROVED FOR ACCESS TO U.S. ROUTE 40).

NOTE: ALL PASSENGER VANS/TRUCKS WILL BE APPROVED TYPE AND EQUIPPED WITH LIFTS TO PICKUP AND DISCHARGE HANDICAPPED INDIVIDUALS ONTO THE SIDEWALK.

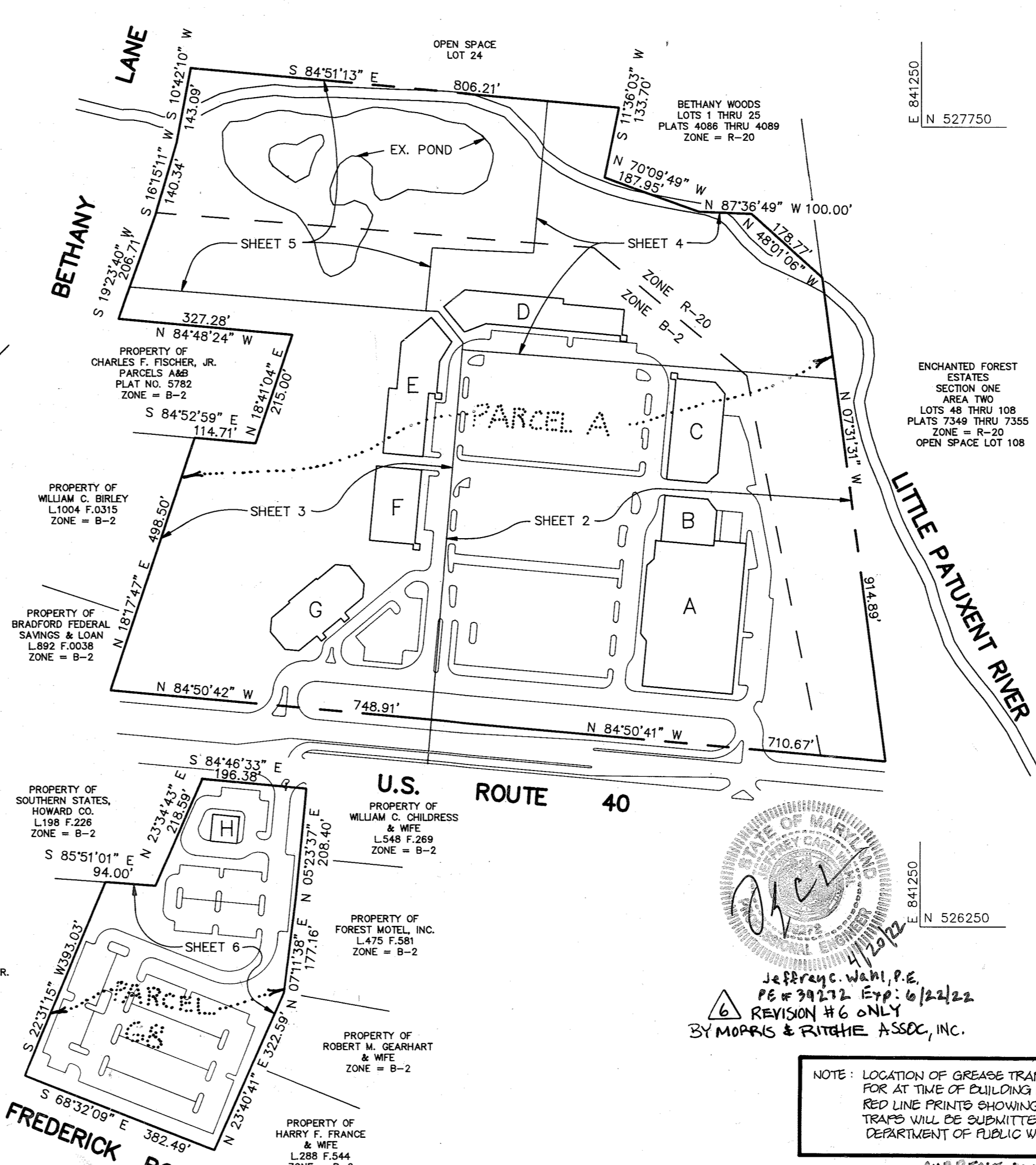
PARKING MANAGEMENT PLAN FOR THE ENCHANTED FOREST

- ALL REQUIRED PARKING FOR THE ENCHANTED FOREST RETAIL USES WILL BE PROVIDED ON PARCEL 68 AT AN ADJACENT RETAIL USES. ALL REQUIRED PARKING FOR COMMERCIAL USE AND AMUSEMENT PARK AMUSEMENT PARK PARKING WILL BE DIRECTED TO AN OVERFLOW PARKING LOT ON PARCEL 68.
- AVERAGE DAILY PARKING NEEDS ARE PROJECTED AS FOLLOWS: 210 SPACES FOR THE AMUSEMENT PARK; 329 SPACES FOR RETAIL USES; 539 TOTAL. ALL AVERAGE DAILY PARKING CAN BE ACCOMMODATED ON PARCEL A.
- PEAK WEEKEND PARKING NEEDS ARE PROJECTED AS FOLLOWS: 930 SPACES FOR THE AMUSEMENT PARK; 868 SPACES FOR RETAIL USES; 918 TOTAL. ON PEAK SEASONAL WEEKENDS SPRING AND SUMMER, AMUSEMENT PARK TRAFFIC WILL BE DIRECTED TO THE OVERFLOW LOT ON PARCEL 68.
- ATTENDANTS AND SIGNAGE WILL DIRECT AMUSEMENT PARK VEHICLES FROM PARCEL A TO THE OVERFLOW LOT. PASSENGER VANS WILL TRANSPORT PATRONS TO THE AMUSEMENT PARK ENTRANCE AND BACK. BESTIMUM OVERWAS TOWERS ROUTE 40 WILL BE DISCOURAGED BY FENCING AND MANAGEMENT PERSONNEL.
- WEEKDAY SCHOOL BUS VEHICLES WILL DROP OFF PASSENGERS AT THE PARK ENTRANCE ON PARCEL A AND WILL BE PARKED ON THE OVERFLOW LOT.

Area of Parcel	Present Zoning	Proposed Use	Proposed Building Coverage	Proposed Building Areas
North Site (Parcel A)	31,753 Ac.	Commercial Center & Amusement Park	318 Ac. (0.98% of Site) (141.11% of B-2)	1010 (includes 22 handicap spaces)
South Site (Parcel 68) Total	5,006 Ac.	Bank & Parking	3.64 Ac. (2,500 Sq. Ft.) (1.15% of Site)	707 (includes 22 handicap spaces)
Area of Parcel	B-2 (22.58 Ac.)			
Proposed Use	R-20 (9.73 Ac.)			
Proposed Building Coverage				
Proposed Building Areas				

TREE PRESERVATION PROCEDURES

- THE EDGE OF WOODS TO BE PROTECTED WILL BE MARKED IN THE FIELD PER THE APPROVED SITE DEVELOPMENT PLAN PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.
- PROTECTIVE FENCING SHALL BE INSTALLED AT THE DRIP LINE OF THE EDGE OF WOODS. ALL AREAS WITHIN PROTECTIVE FENCES ARE TO BE CONSIDERED "OFF LIMITS" FOR ANY CONSTRUCTION ACTIVITIES.
- PROTECTIVE FENCING WILL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. THESE AREAS ARE "TREE PRESERVATION AREAS". THE GENERAL CONTRACTOR SHALL TAKE UTMOST CARE TO PROTECT TREE ROOT SYSTEMS DURING THE CONSTRUCTION CYCLE. TREE ROOT SYSTEMS SHALL BE PROTECTED FROM SMOTHERING, FLOODING, EXCESSIVE HEATING FROM ICE-WATERING OPERATIONS, OFF-SITE RUN OFF, SPILLAGE, AND DRAINAGE OF SOLUTIONS CONTAINING MATERIALS HAZARDOUS TO TREE ROOTS.
- REMOVAL OF TOPSOIL OR ROOT MAT WITHIN THE TREE PRESERVATION AREA SHALL BE PROHIBITED. THE GENERAL CONTRACTOR SHALL BE PROHIBITED FROM PARKING ANY CONSTRUCTION EQUIPMENT OR FROM STORING BUILDING SUPPLIES OR EARTH STOCKPILES WITHIN THE TREE PRESERVATION AREAS.
- FOOT TRAFFIC, AS WELL AS VEHICULAR TRAFFIC, IN THE TREE PRESERVATION AREAS SHALL BE KEPT TO A MINIMUM. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TREE DAMAGE OR DESTROYED WITHIN THE TREE PRESERVATION AREAS. WHETHER CAUSED BY THE CONTRACTOR, HIS AGENTS, EMPLOYEES, SUB-CONTRACTORS OR LICENSEES.
- CONSTRUCTION ACTIVITIES EXPRESSLY RESTRICTED WITHIN THE TREE PRESERVATION AREAS:
PLACING BACKFILL IN PROTECTED AREAS;
FELLING TREES INTO PROTECTED AREAS;
DRIVING CONSTRUCTION EQUIPMENT INTO OR THROUGH PROTECTED AREAS;
BURNING IN OR IN CLOSE PROXIMITY TO PROTECTED AREAS;
STAKING OR STORING SUPPLIES IN PROTECTED AREAS;
CONDUCTING TRENCING OPERATIONS IN PROTECTED AREAS;
GRADING BEYOND THE LIMITS OF DISTURBANCE.
- THE GENERAL CONTRACTOR SHALL PROVIDE A "WASH OUT" AREA FOR CONCRETE TRUCKS ON SITE, WHICH WILL NOT DRAIN TOWARDS A PROTECTED AREA.
- ALL TREES WHICH ARE NOT TO BE PRESERVED WITHIN FIFTY FEET OF ANY TREE PRESERVATION AREA ARE TO BE REMOVED IN A MANNER THAT WILL NOT DAMAGE THOSE TREES THAT ARE DESIGNATED FOR PRESERVATION. IT IS HIGHLY RECOMMENDED THAT TREE STUMPS WITHIN THIS FIFTY FEET AREA BE GROUND OUT WITH A STUMP GRINDING MACHINE TO MINIMIZE DAMAGE.
- FOR LIMITS OF SNOW FENCE SEE EROSION AND SEDIMENT CONTROL PLAN, SHEETS 12 THROUGH 22. FOR PLACEMENT OF SNOW FENCE SEE DETAIL, SHEET 40.



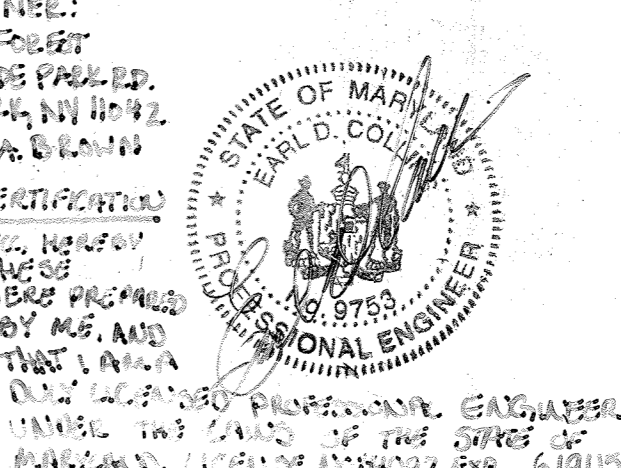
PLAN
SCALE: 1"=200'

PAR-CEL	BUILD-ING	STREET ADDRESS
A	A	10,000 BALTIMORE NATIONAL PIKE
A	B	10,010 "
A	C	10,020 "
A	D	10,030 "
A	E	10,040 "
A	F	10,050 "
A	G	10,060 "
A	H	10,055 "

FOR REVISION 5 ONLY:

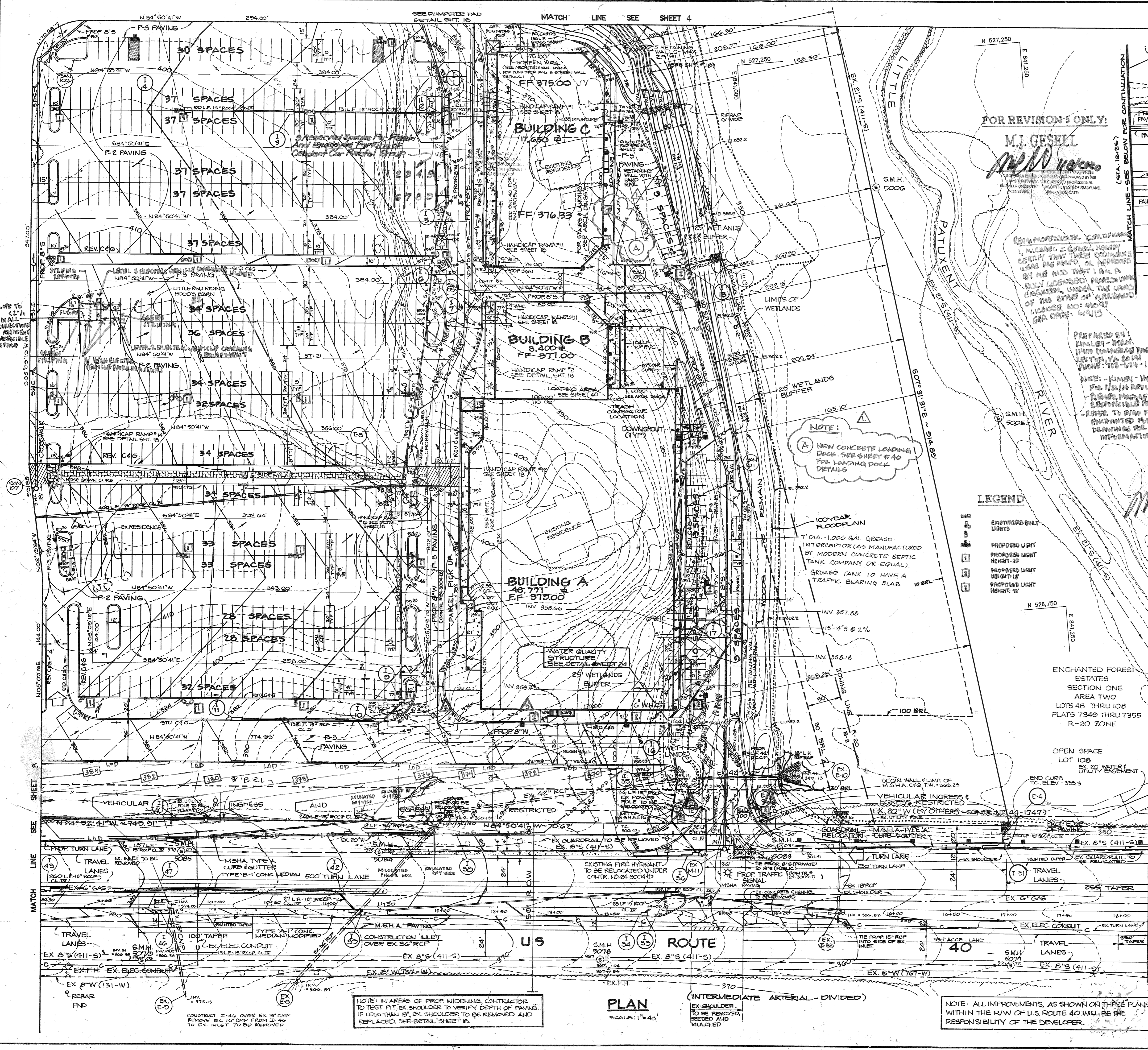
M.J. GESELL
Professional Engineer
10/22/11

FOR REVISION 4 ONLY:
BY: BOHUS ENGINEERING



REVISIONS:

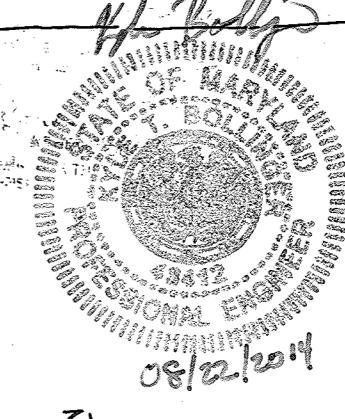
- ADD OUTDOOR SEATING AREA AND FENCE TO BUILDING E
- ADD 100' OF FENCING TO BUILDING E
- ADD 100' OF FENCING TO BUILDING E
- REVISION 4 ONLY
- REVISION 5 ONLY



FOR REVISION 1 ONLY:

M.I. GESELL
M.I. Gezell

I, M.I. GESELL, ENGINEER, HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MARYLAND. EXPIRES: 12/31/2004.

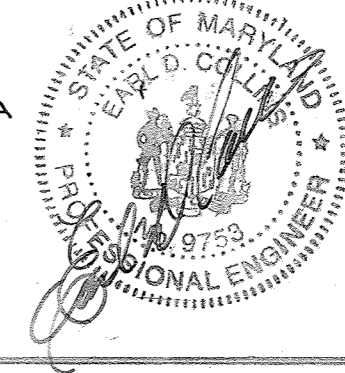


PREPARED BY: M.I. GESELL
DATE: 12/14/00
SCALE: 1" = 40'

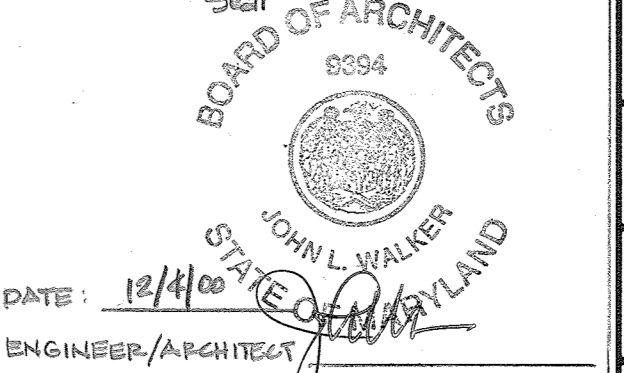
FOR REVISION 4 ONLY:
BY: BOHLER ENGINEERING

12/11/01
LEGEND

- EXISTING PAVING TO BE REMOVED
- EXISTING CONTOUR
- PROPOSED CONTOUR
- WETLANDS
- WETLANDS BUFFER
- HANDICAP SIGN
- PLANTER
- DOUBLE LIGHT POLE
- SINGLE LIGHT POLE
- BUILDING ENTRANCE
- CANOPY (SEE ARCH.)
- TOWER



GARRETT/GEORGE ASSOCIATES
INCORPORATED
520 N. EASTON ROAD, WILSON GROVE, PA.



- LOADING DECK ADDITION BY GARRETT/GEORGE ASSOCIATES INCORPORATED. (2/5) (GSB-1380)
- Designate 3 Reserved Parking Spaces for CARE in front of Building 'C' by Fisher Collins & Carter, Inc. 1-5-05
- ADDITION OF ELECTRIC VEHICLE CHARGING STATIONS BY WINDLEY-HORN. 2/22/14
- REVISED GRADING BY FRONT ISLAND BUFFER BY BOHLER ENGINEERING. 06/24/14
- UPDATED LIGHTING PER AS-BUILT PILE LOCATIONS, PROPOSED TRAIL LIGHTS, AND UPDATE PARKING BY BOHLER ENGINEERING. 12/21/14

AS BUILT CERTIFICATION
ENGINEER: J. Gezell
DATE: 2-18-94

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY DEPARTMENT.
COUNTY HEALTH OFFICER: 5-2-91 DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
DIRECTOR: 5/3/91 DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR: 4/26/91 DATE

Continued Below Left
DATE NO. REVISION

OWNER/DEVELOPER: STONEHENGE LIMITED PARTNERSHIP
40 YORK ROAD
TOWSON, MARYLAND 21284

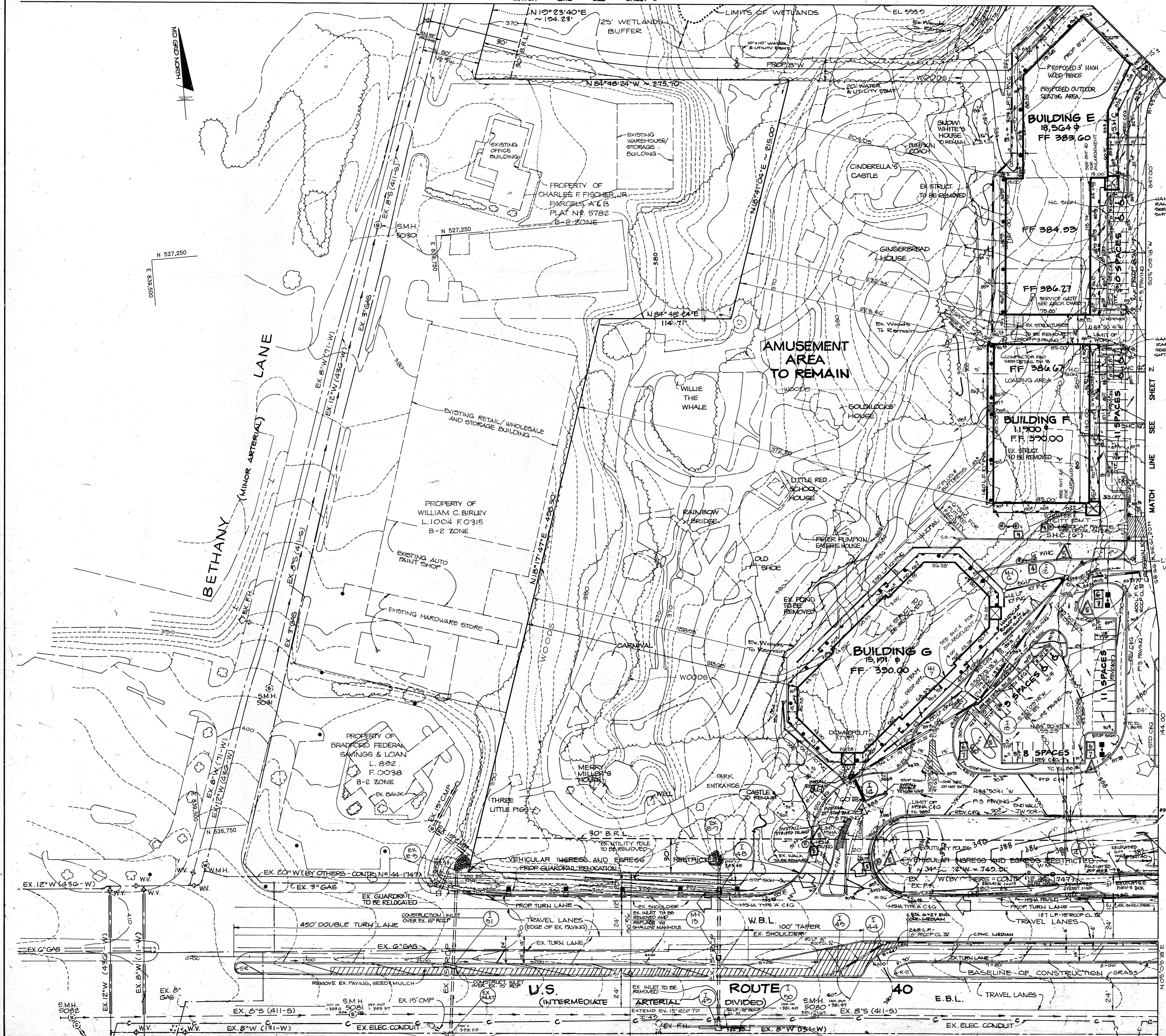
PROJECT: A COMMERCIAL CENTER
THE ENCHANTED FOREST
PARCEL A AND PARCEL G8

AREA TAX MAP NO. 24 PARCELS 454, 504, 10, 68
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE: **SITE DEVELOPMENT PLAN**

RIEMER MUEGGE & ASSOCIATES, INC.
A Land Planning, Engineering and Consulting Firm
3105 North Ridge Road Ellicott City, Maryland 21043
301-461-2690 FAX: 301-750-3176

DATE: 4-3-91
DESIGNED BY: M.G.K.
DRAWN BY: G.P.H.
PROJECT NO: 30108
DATE: APRIL 3, 1991
SCALE: AS SHOWN
DRAWING NO. 2 OF 42



FOR REVISION 5 ONLY:

M.J. GESELL
 PE # 10168
 1/8/2000

PROFESSIONAL CERTIFICATION
 I, MICHAEL J. GESELL, hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, license no: 44097, expiration date: 6/14/15.

FOR REVISION 4 ONLY:
 BY: BOHLER ENGINEERING

M.J. GESELL
 1/17/14

LEGEND

- ① EXISTING/AS-BUILT LIGHTS
- ② PROPOSED LIGHT HEIGHT: 10'
- ③ PROPOSED LIGHT HEIGHT: 11'-6"
- ④ PROPOSED LIGHT HEIGHT: 13'
- ⑤ PROPOSED LIGHT HEIGHT: 14'-6"

AS BUILT CERTIFICATION

ENGINEER: JAYKANT D. BARKH
 PE # 10168 DATE: _____

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

Jaykant D. Barkh 5-2-91
 COUNTY HEALTH OFFICER # DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

James S. Kelly 5/13/91
 DIRECTOR DATE
Mark L. Zimble 5/1/91
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James S. Kelly 4/20/91
 DIRECTOR DATE
James S. Kelly 4-20-91
 CHIEF, BUREAU OF ENGINEERING DATE

DATE	NO.	REVISION
7/1/14	2	ADD OUTDOOR SEATING AND FENCE TO BUILDING E
10/28/91	1	REVISED PIPES (RCCP) TO NEW LOCATION, REVISED INLETS

OWNER/DEVELOPER
 STONEHENGE LIMITED PARTNERSHIP
 40 YORK ROAD
 TOWSON MARYLAND 21204

PROJECT: A COMMERCIAL CENTER
THE ENCHANTED FOREST
 PARCEL A - PARCEL G8

AREA TAX MAP NO. 24 PARCELS 454, 504, 110, G8
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TITLE: **SITE DEVELOPMENT PLAN**

RIEMER MUEGGE & ASSOCIATES, INC.
 A Land Planning, Engineering and Consulting Firm
 3105 North Ridge Road Ellicott City, Maryland 21043
 301-461-2690 FAX: 301-750-3176

DATE: 4-3-91
 DESIGNED BY: M.G.K.
 DRAWN BY: JLB/BRH
 PROJECT NO: 90108
 DATE: APRIL 3, 1991
 SCALE: 1" = 40'
 DRAWING NO: 3 OF 42

LEGEND

- EXISTING PAVING TO BE REMOVED
- EXISTING CONTOUR
- PROPOSED CONTOUR
- WETLANDS
- WETLANDS BUFFER
- HANDICAP SIGN
- PLANTER
- DOUBLE LIGHT POLE
- SINGLE LIGHT POLE
- BUILDING ENTRANCE
- CANOPY TOWER

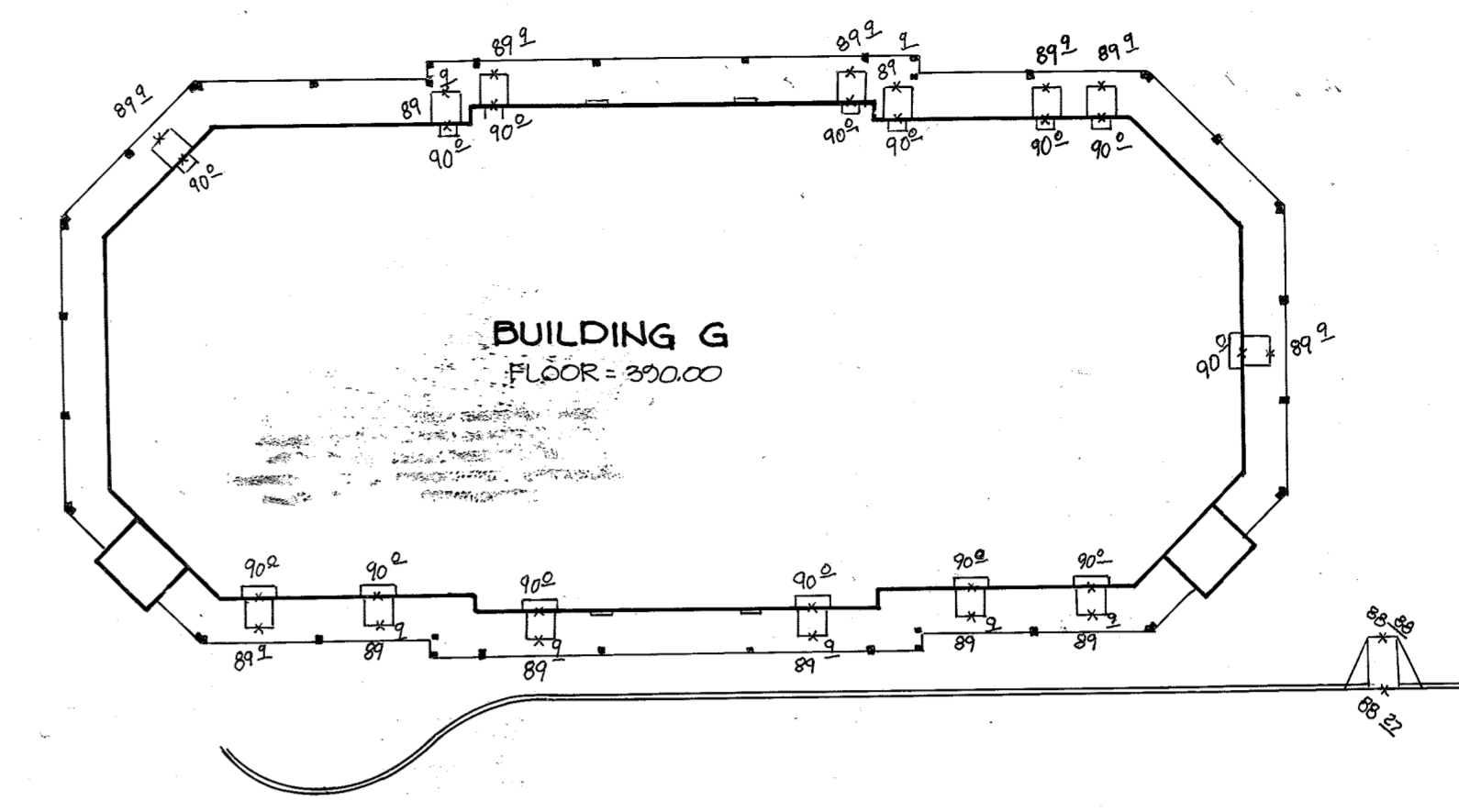
FOR ROUTE 40 SIGNAGE PLAN SEE SHEET 4

NOTE: ALL IMPROVEMENTS, AS SHOWN ON THESE PLANS, WITHIN THE R/W OF U.S. ROUTE 40 WILL BE THE RESPONSIBILITY OF THE DEVELOPER.

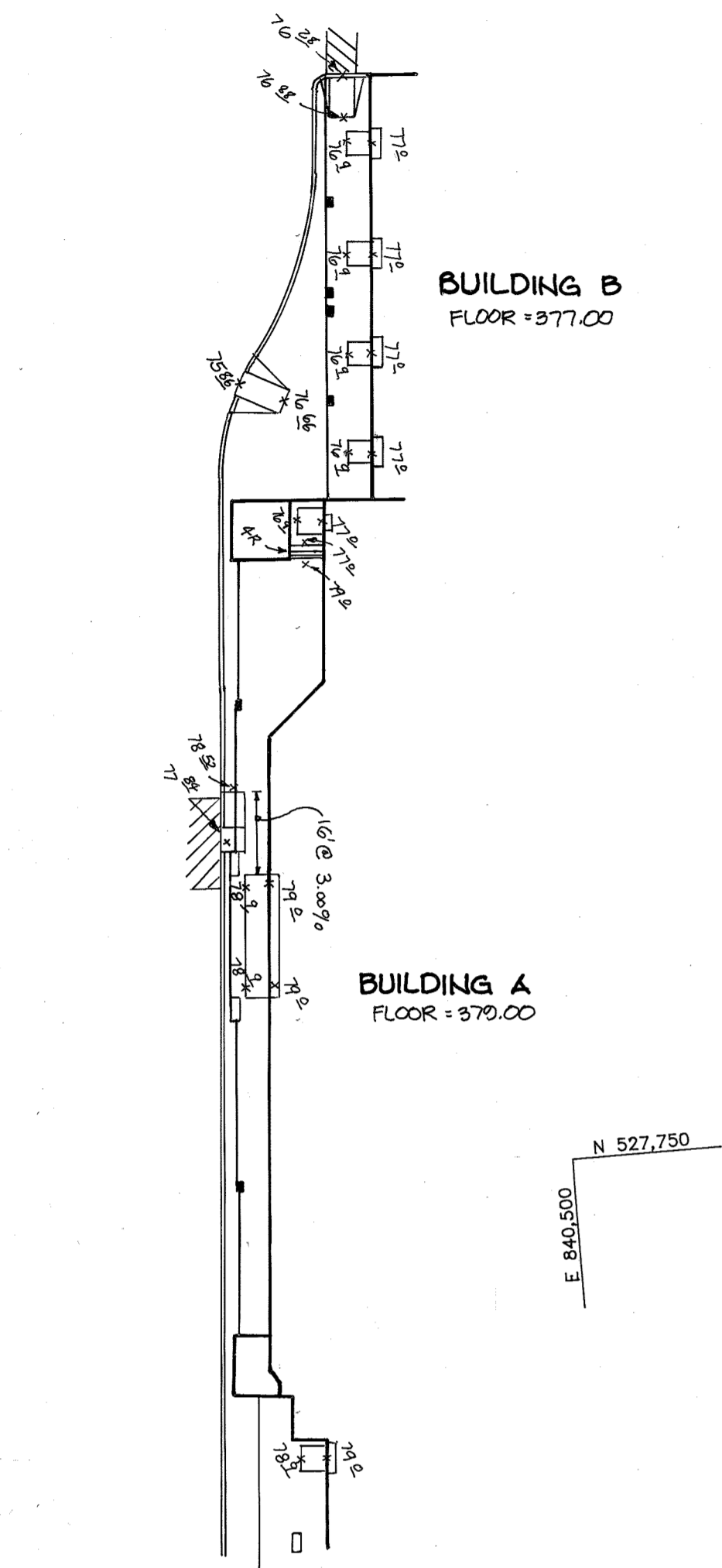
RELATED LEASE SIGN

- REVISER GRADING TO FRONT ISLAND, BUFFER BY BOHLER ENGINEERING. 06/24/14
- UPDATED LIGHTING PER AS-BUILT POLE LOCATIONS, PROPOSED TWO (2) LIGHTS, AND UPDATE PARKING BY BOHLER ENGINEERING. 12/21/14
- REVISE DRIVEWAY STRIPING, INSTALL 24" STOP BAR AND ADD STOP SIGN. 09/26/23

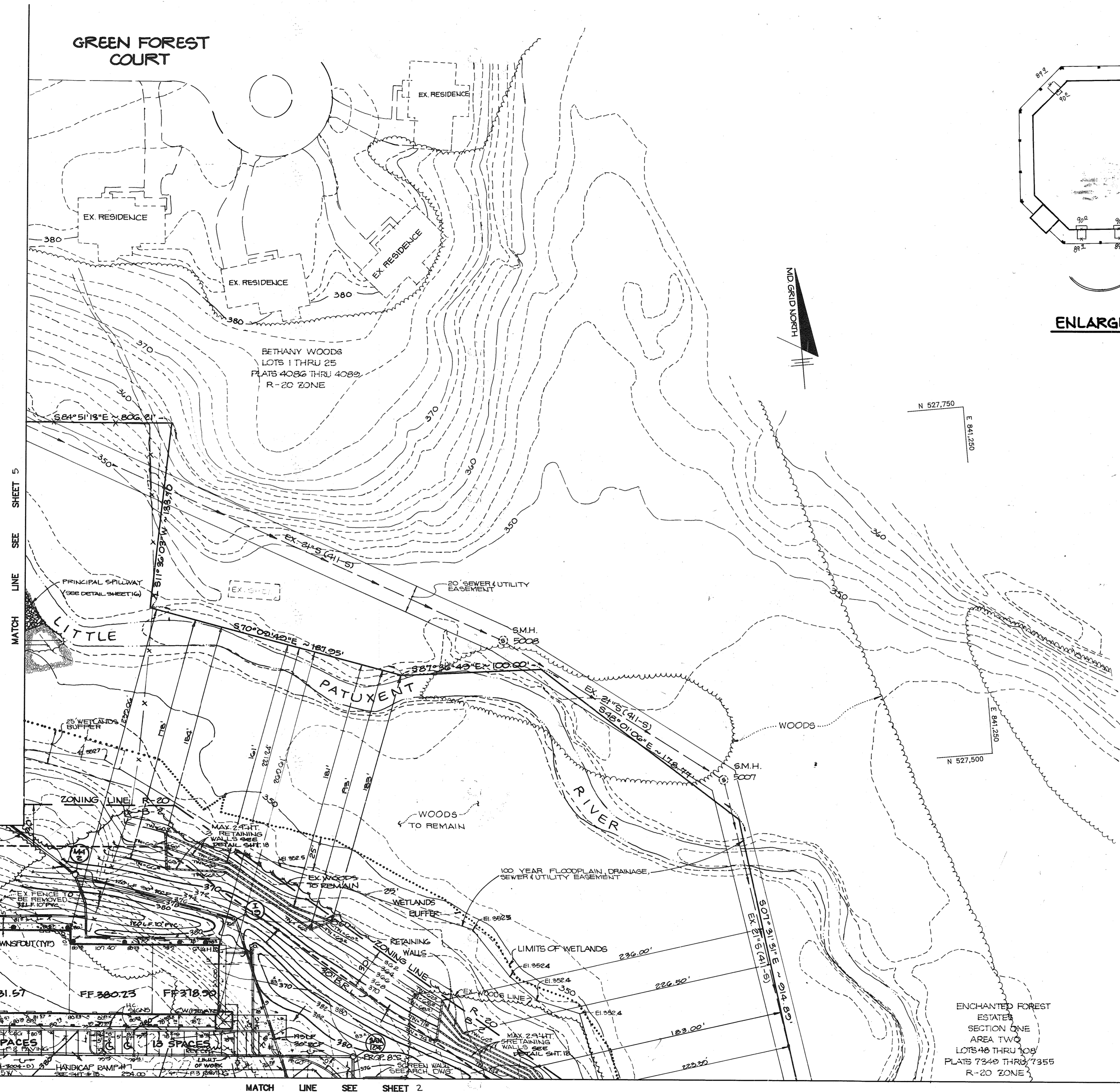
GREEN FOREST COURT



ENLARGEMENT OF BUILDING G ENTRANCE
NO SCALE



ENLARGEMENT OF BUILDINGS A AND B ENTRANCES
NO SCALE



FOR REVISION 5 ONLY:

M.I. GESELL
1/18/2020

- LEGEND**
- EXISTING PAVING TO BE REMOVED
 - EXISTING CONTOUR
 - PROPOSED CONTOUR
 - WETLANDS
 - WETLANDS BUFFER
 - HC SIGN
 - HANDICAP SIGN
 - PLANTER
 - BUILDING ENTRANCE
 - CANOPY
 - TOWER
 - EXISTING/AS-BUILT LIGHT
 - PROPOSED LIGHT HEIGHT: 8'-2"

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

J. Geese COUNTY HEALTH OFFICER 5-2-91 DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

J. Geese DIRECTOR 5/3/91 DATE

W. C. ... CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT 5/3/91 DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

J. Geese DIRECTOR 1/20/91 DATE

R. ... CHIEF, BUREAU OF ENGINEERING 4/26/91 DATE

7/1/14	1	ADD OUTDOOR SEATING AND FENCE TO BUILDING E
DATE	NO.	REVISION

OWNER/DEVELOPER
STONEHENGE LIMITED PARTNERSHIP
40 YORK ROAD
TOWSON MARYLAND 21204

PROJECT: A COMMERCIAL CENTER
THE ENCHANTED FOREST
PARCEL X - PARCEL G8
AREA TAX MAP NO. 24 PARCELS 454, 564, 119, G8
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE: **SITE DEVELOPMENT PLAN**

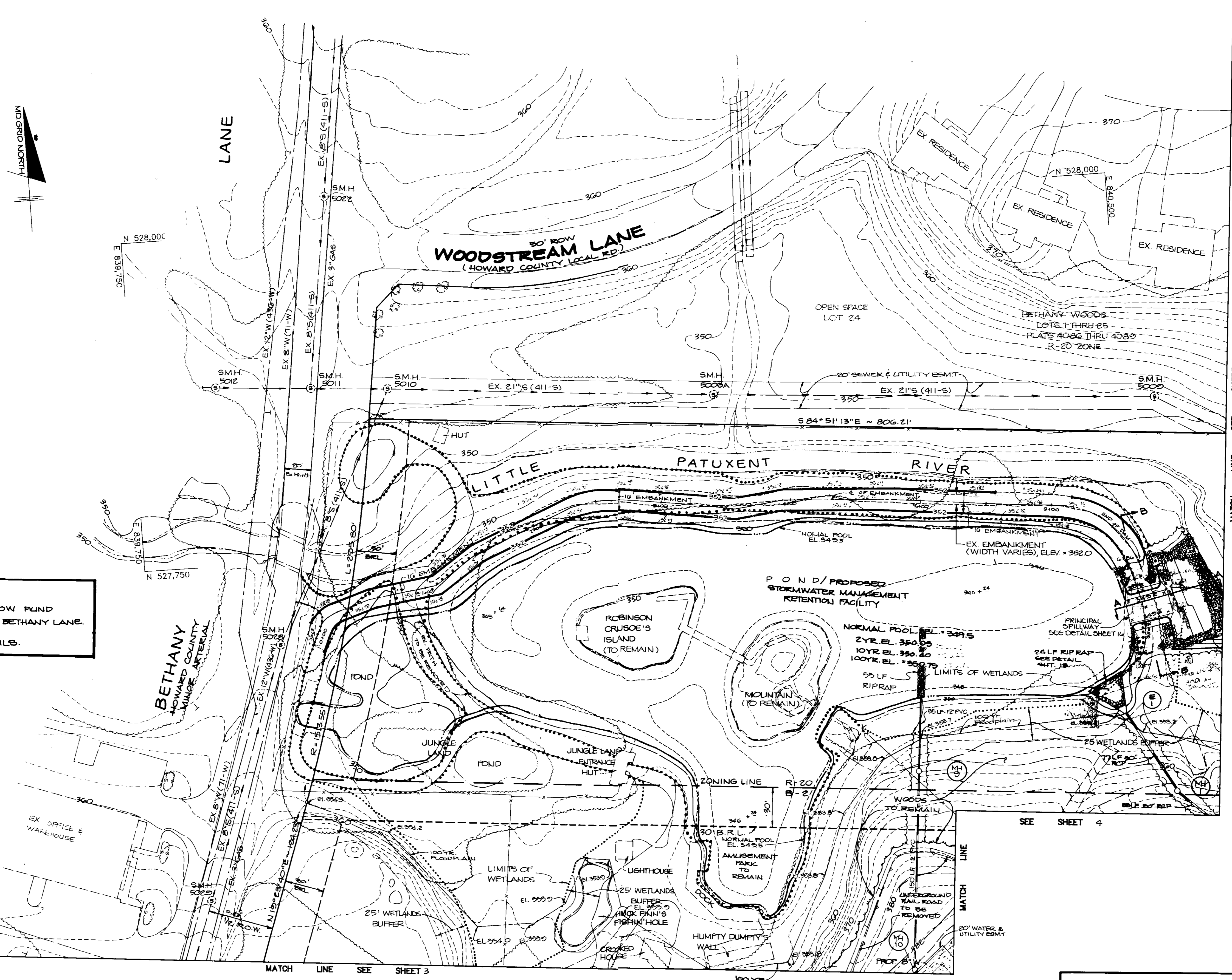
RIEMER MUEGGE & ASSOCIATES, INC.
A Land Planning, Engineering and Consulting Firm
3105 North Ridge Road Ellcott City, Maryland 21043
301-461-2690 FAX: 301-750-3176

DATE	4-3-91
DESIGNED BY:	M.G.K.
DRAWN BY:	SRH
PROJECT NO:	30108
DATE:	APRIL 3, 1991
SCALE:	AS SHOWN
DRAWING NO.	4 OF 42

PLAN
SCALE: 1"=40'

AS BUILT CERTIFICATION
ENGINEER *J. Geese*
DATE 2.18.94

UPDATED LIGHTING PER AS-BUILT FOR LOCATIONS, PROPOSED TWO (2) LIGHTS, AND UPDATE PAVING BY GUNLAW ENGINEERING, 12/2/19



NOTE:
 1. PAYMENT SHALL BE MADE TO COUNTY ESCROW FUND IN LIEU OF REQUIRED IMPROVEMENTS TO BETHANY LANE.
 2. SEE SHEET 16 FOR PROFILES AND DETAILS.

- LEGEND**
- EXISTING PAVING TO BE REMOVED
 - EXISTING CONTOUR
 - PROPOSED CONTOUR
 - WETLANDS
 - WETLANDS BUFFER
 - HANDICAP SIGN
 - PLANTER
 - DOUBLE LIGHT POLE
 - SINGLE LIGHT POLE

PLAN
 SCALE: 1" = 40'

AS BUILT CERTIFICATION

ENGINEER J. Saville
 DATE 2.18.94

BY THE DEVELOPER:

"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. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT."

James M. Steh 4/3/91
 DEVELOPER DATE

BY THE ENGINEER:

"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."

Arthur E. Muegge 4.9.91
 ENGINEER DATE

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.

James M. Steh 4/17/91
 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.

APPROVED Robert J. Zelman 4/17/91
 HOWARD S.O.D. DATE

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

James M. Steh 5-2-91
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

James M. Steh 5/3/91
 DIRECTOR DATE

Manuel J. D. ... 4/26/91
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James M. Steh 4/26/91
 DIRECTOR DATE

... 4-26-91
 CHIEF, BUREAU OF ENGINEERING DATE

10/23/91	1	SHOWED CONCRETE SYMBOL IN 20' WATER UTILITY EMBANKMENT, REVISED ELEV. IN 25' POND
DATE	NO.	REVISION

OWNER/DEVELOPER

STONEHENGE LIMITED PARTNERSHIP
 40 YORK ROAD
 TOWSON MARYLAND 21204

PROJECT: A COMMERCIAL CENTER
THE ENCHANTED FOREST
 PARCEL 'A' - PARCEL G8

AREA: TAX MAP NO. 24 PARCELS 454, 544, 10, G8
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

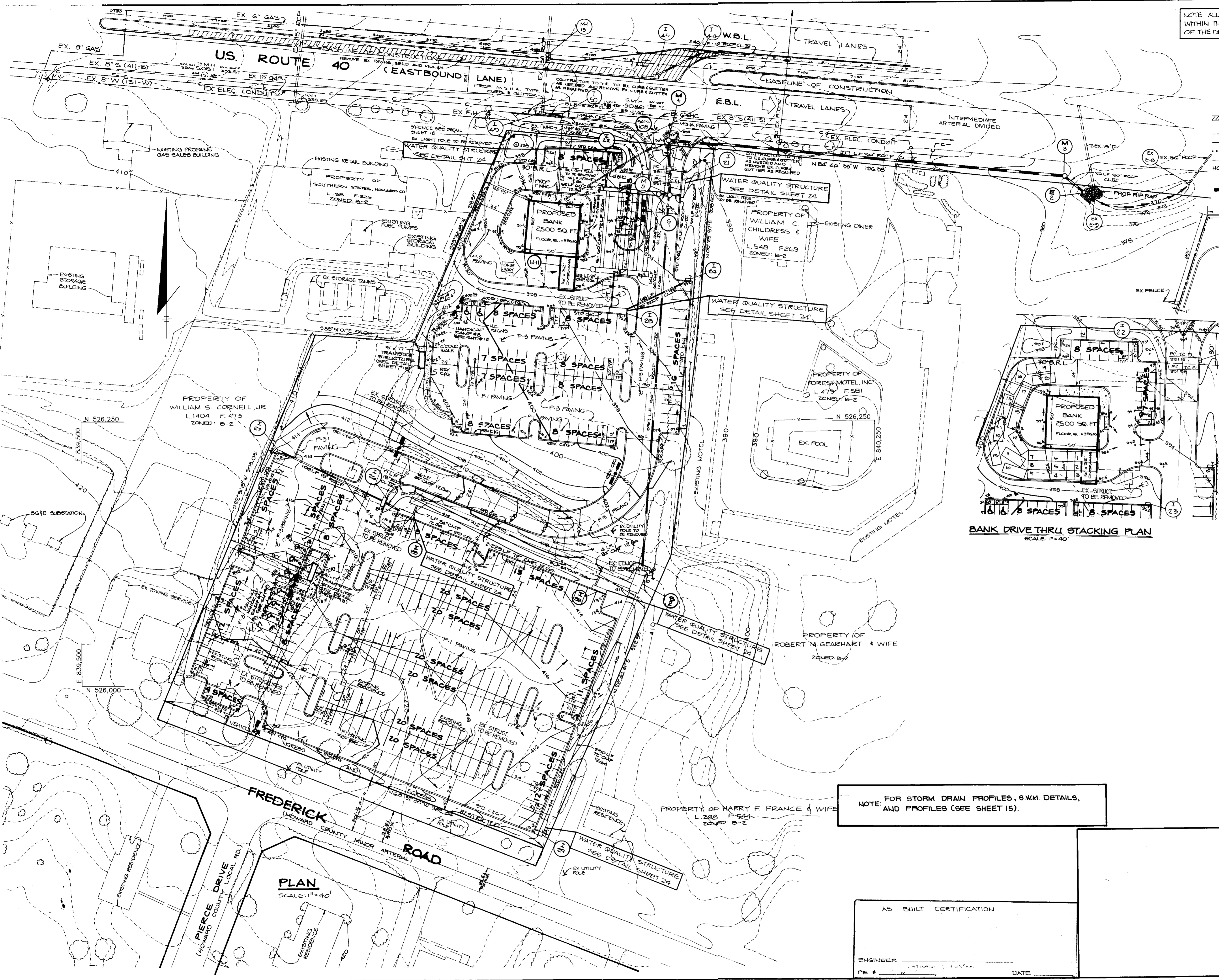
TITLE: **SITE DEVELOPMENT PLAN**

RIEMER MUEGGE & ASSOCIATES, INC.
 A Land Planning, Engineering and Consulting Firm
 3105 North Ridge Road Ellicott City, Maryland 21043
 301-461-2690 FAX: 301-750-3176

DATE 4.3.91
 DESIGNED BY: D.F.
 DRAWN BY: J.L.B.
 PROJECT NO.: 90108
 DATE: APRIL 3, 1991
 SCALE: AS SHOWN
 DRAWING NO. 5 OF 40

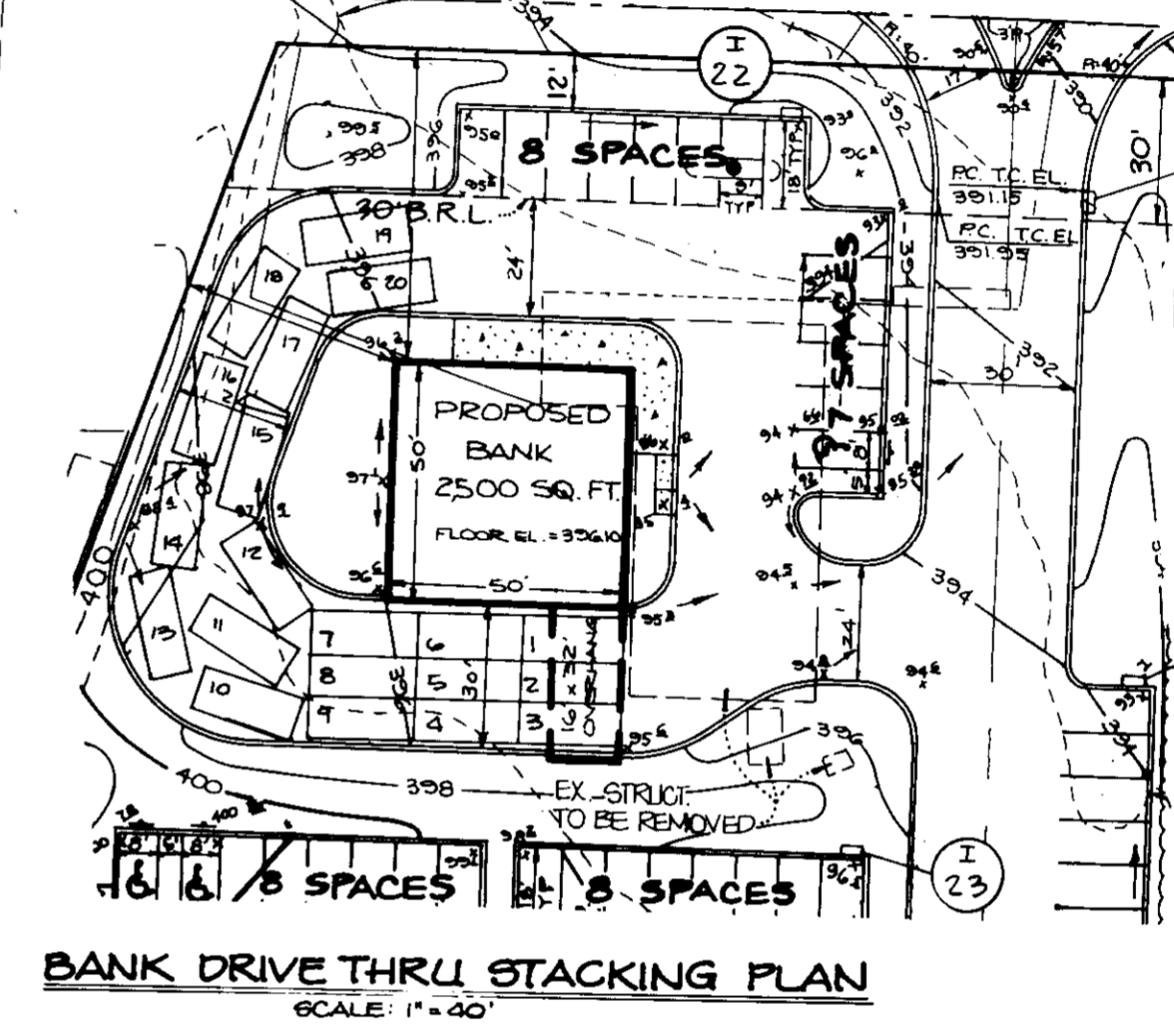
GDP-90-74

NOTE: ALL IMPROVEMENTS, AS SHOWN ON THESE THESE PLANS, WITHIN THE R/W OF U.S. ROUTE 40 WILL BE THE RESPONSIBILITY OF THE DEVELOPER.



- LEGEND**
- EXISTING PAVING TO BE REMOVED
 - EXISTING CONTOUR
 - PROPOSED CONTOUR
 - WETLANDS
 - WETLANDS BUFFER
 - HANDICAP SIGN
 - PLANTER
 - DOUBLE LIGHT POLE
 - SINGLE LIGHT POLE

FENCE LOCATION DETAIL
SCALE: 1"=40'



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
Joseph B. ... 5-2-91
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
Joseph B. ... 5/3/91
DIRECTOR DATE

William S. ... 5/3/91
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James P. ... 4/26/91
DIRECTOR DATE

William S. ... 4-26-91
CHIEF, BUREAU OF ENGINEERING DATE

DATE NO.	REVISION

OWNER/DEVELOPER
STONEHENGE LIMITED PARTNERSHIP
40 YORK ROAD
TOWSON MARYLAND 21204

PROJECT: A COMMERCIAL CENTER
THE ENCHANTED FOREST
PARCEL A - PARCEL G8

AREA TAX MAP NO 24 PARCELS 454, 564, 19, G8
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE:
SITE DEVELOPMENT PLAN

RIEMER MUEGGE & ASSOCIATES, INC.
A Land Planning, Engineering and Consulting Firm
3105 North Ridge Road Ellicott City, Maryland 21043
301-461-2690 FAX: 301-750-3176

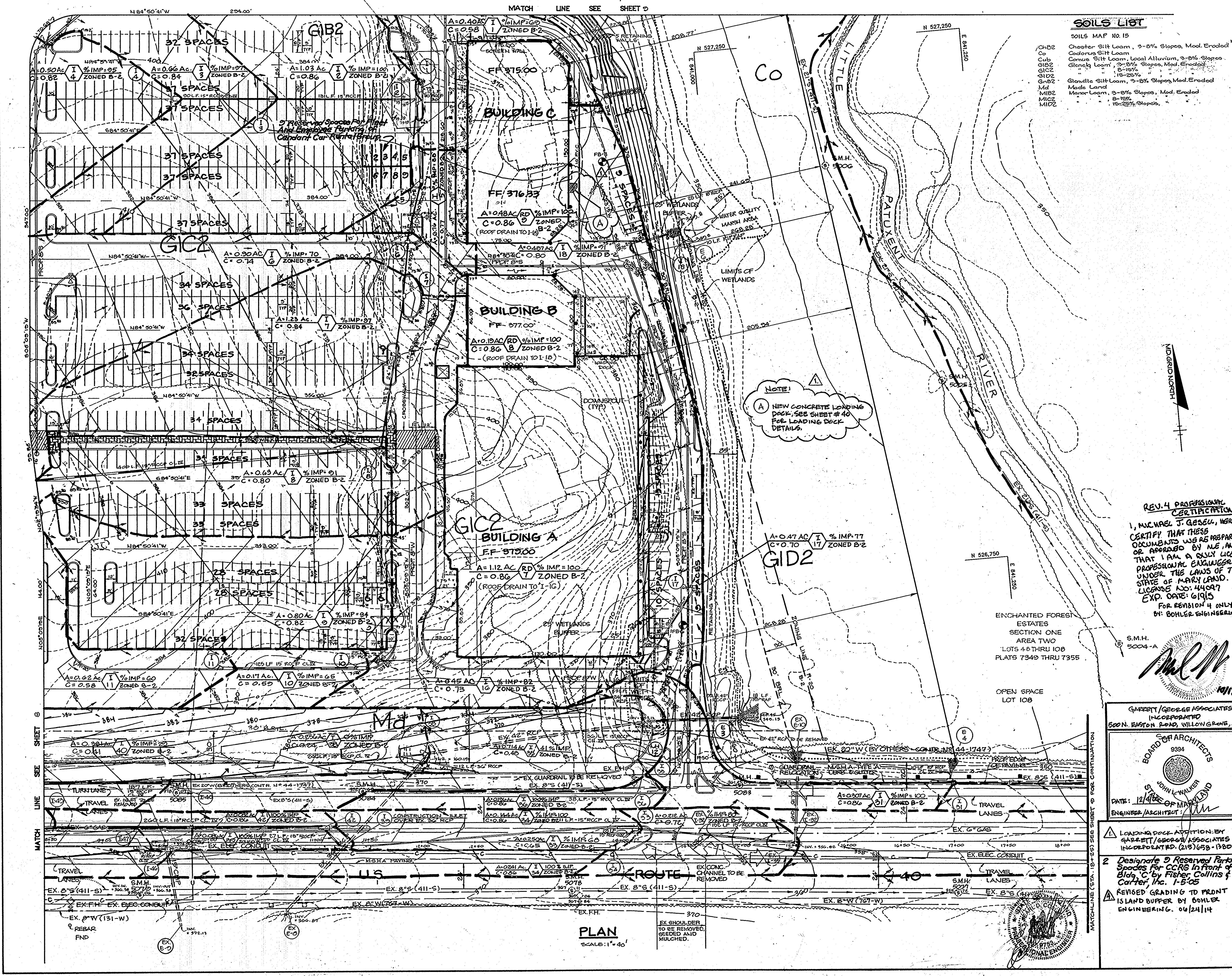
4.3.91
DATE

DESIGNED BY: JJB
DRAWN BY: DJE
PROJECT NO: 90108
DATE: APRIL 3, 1991
SCALE: AS SHOWN
DRAWING NO. 6 OF 40

NOTE: FOR STORM DRAIN PROFILES, S.W.M. DETAILS, AND PROFILES (SEE SHEET 15).

AS BUILT CERTIFICATION

ENGINEER _____
PE # _____ DATE _____



SOILS LIST	
SOILS MAP NO. 15	
ChD2	Chester Silt Loam, 2-8% Slopes, Mod. Eroded
Co	Codorus Silt Loam
GIB2	Cenozoic Silt Loam, Local Alluvium, 2-8% Slopes
GIC2	Glenloch Loam, 2-8% Slopes, Mod. Eroded
GID2	" " " " " "
G-82	Glenville Silt Loam, 2-8% Slopes, Mod. Eroded
Ms	Made Land
MI2	Manor Loam, 2-8% Slopes, Mod. Eroded
MI2	" " " " " "
MID2	" " " " " "

BY THE DEVELOPER:

"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. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT."

Arthur E. Muegge 4/3/91
DEVELOPER DATE

BY THE ENGINEER:

"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."

Arthur E. Muegge 4/3/91
ENGINEER DATE

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.

John M. Helm 4/17/91
S.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.

Robert Zichner 4/17/91
APPROVED HOWARD S.D. DATE

AS BUILT CERTIFICATION

ENGINEER JAYKANT J. BAKERH
RE # 19163 DATE

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

John Boyle 5-2-91
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

James S. Potts 5/5/91
DIRECTOR DATE

Paul J. McLaughlin 5/8/91
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James J. Blevins 4/26/91
DIRECTOR DATE

Richard B. Rios 4/26/91
CHIEF, BUREAU OF ENGINEERING DATE

REV. 4 PROFESSIONAL CERTIFICATION
I, MICHAEL J. BOHLER, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A SOLELY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO: 44097 EXP. DATE: 6/9/15
FOR REVISION 4 ONLY:
BY: BOHLER ENGINEERING

Continued Below Left	
DATE	REVISION
10/23/91	1
	2
	3
	4
	5
	6
	7
	8
	9
	10

OWNER / DEVELOPER

STONEHENGE LIMITED PARTNERSHIP
40 YORK ROAD
TOWSON MARYLAND 21204

PROJECT: A COMMERCIAL CENTER
THE ENCHANTED FOREST
PARCEL A - PARCEL G8

AREA TAX MAP NO. 24 PARCELS 454, 564, 10, 68
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

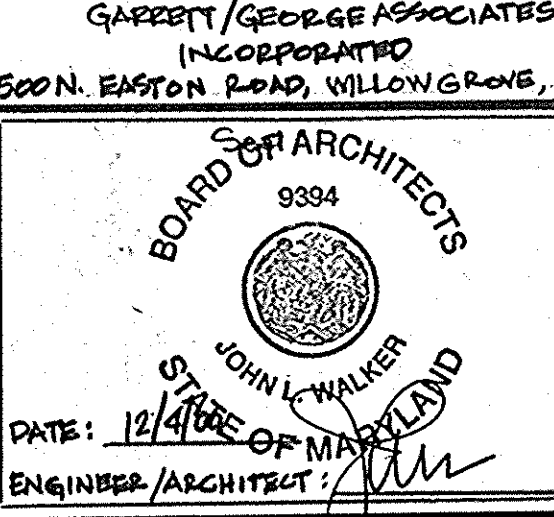
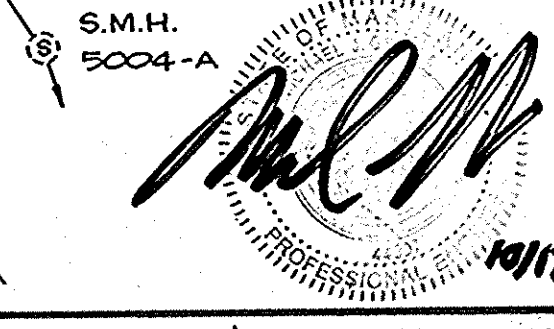
TITLE: **DRAINAGE AREA MAP**

RIEMER MUEGGE & ASSOCIATES, INC.

A Land Planning, Engineering and Consulting Firm
3105 North Ridge Road Ellicott City, Maryland 21043
301-461-2690 FAX: 301-750-3176

DATE: 4/3/91
DESIGNED BY: JLB
DRAWN BY: G.O.H.
PROJECT NO: 30108
DATE: APRIL 3, 1991
SCALE: AS SHOWN
DRAWING NO. 7 OF 42

Arthur E. Muegge
ARTHUR E. MUEGGE 08/1979



LOADING DOCK ADDITION BY GABRETT / GEORGE ASSOCIATES INCORPORATED (215) 658-1380

2 Designate 2 Reserved Parking Spaces for CCRS in front of Bldg. C by Fisher Collins & Carter, Inc. 1-5-05

REVISED GRADING TO FRONT ISLAND BUFFER BY BOHLER ENGINEERING. 06/24/14

NOTE:

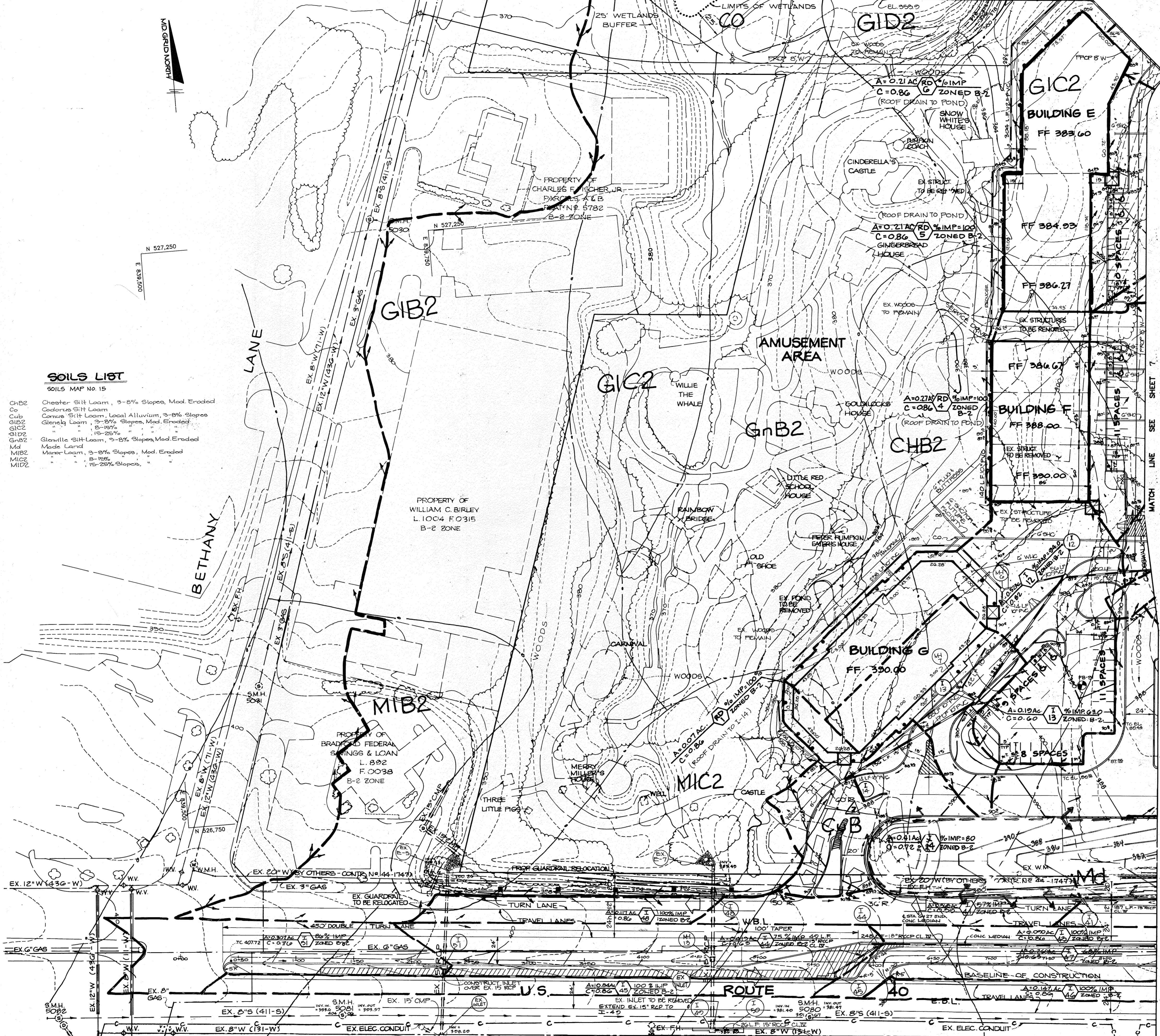
(A) NEW CONCRETE LOADING DOCK, SEE SHEET # 40 FOR LOADING DOCK DETAILS.

ENCHANTED FOREST ESTATES SECTION ONE AREA TWO LOTS 48 THRU 108 PLATS 7349 THRU 7355

OPEN SPACE LOT 108

PLAN SCALE: 1"=40'





SOILS LIST
SOILS MAP No 15

ChB2	Chester Silt Loam, 3-8% Slopes, Mod. Eroded
Co	Codorus Silt Loam
Cub	Comus Silt Loam, Local Alluvium, 3-8% Slopes
G1B2	Glenely Loam, 3-15% Slopes, Mod. Eroded
G1C2	" " " " " " " "
G1D2	" " " " " " " "
G1E2	Glenville Silt Loam, 3-8% Slopes, Mod. Eroded
M1	Moore Land
M1B2	Manor Loam, 3-8% Slopes, Mod. Eroded
M1C2	" " " " " " " "
M1D2	" " " " " " " "

BY THE DEVELOPER:
 "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 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. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT."
John C. White 4/3/91
 DEVELOPER DATE

BY THE ENGINEER:
 "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."
Arthur L. Muegge 4-3-91
 ENGINEER DATE

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.
John C. White 4/17/91
 SOIL CONSERVATION SERVICE DATE

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
Robert Zielinski 4/17/91
 APPROVED HOWARD S.C. DATE

AS BUILT CERTIFICATION
 ENGINEER: *JAYKANT D. PARKER* DATE
 P.E. # 10168

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
Joseph L. Brackley 5-2-91
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
Joseph L. Brackley 5/3/91
 DIRECTOR DATE

James J. Taylor 5/4/91
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James J. Taylor 4/26/91
 DIRECTOR DATE

William S. Rose 4-26-91
 CHIEF, BUREAU OF ENGINEERING DATE

REV 4: PROFESSIONAL CERTIFICATION
 I, MICHAEL J. GESSLER, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO: 44097, EXPIRATION DATE: 6/30/15

FOR DIVISION 4 ONLY:
 BY: DMH&C ENGINEERING



DATE	NO	REVISION
10/23/01	1	REVISED INLETS, REVISED PIPES & 12" (RCP)

OWNER/DEVELOPER
 STONEHENGE LIMITED PARTNERSHIP
 40 YORK ROAD
 TOWSON MARYLAND 21284

PROJECT: A COMMERCIAL CENTER
THE ENCHANTED FOREST
 PARCELS 'A' AND PARCELS 'G'
 AREA TAX MAP NO 24 PARCELS 454, 504, 15, 68
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

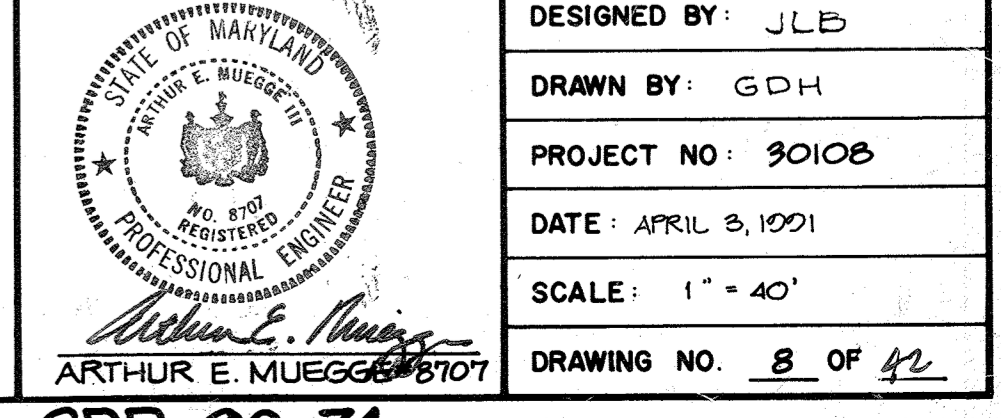
TITLE:
DRAINAGE AREA MAP

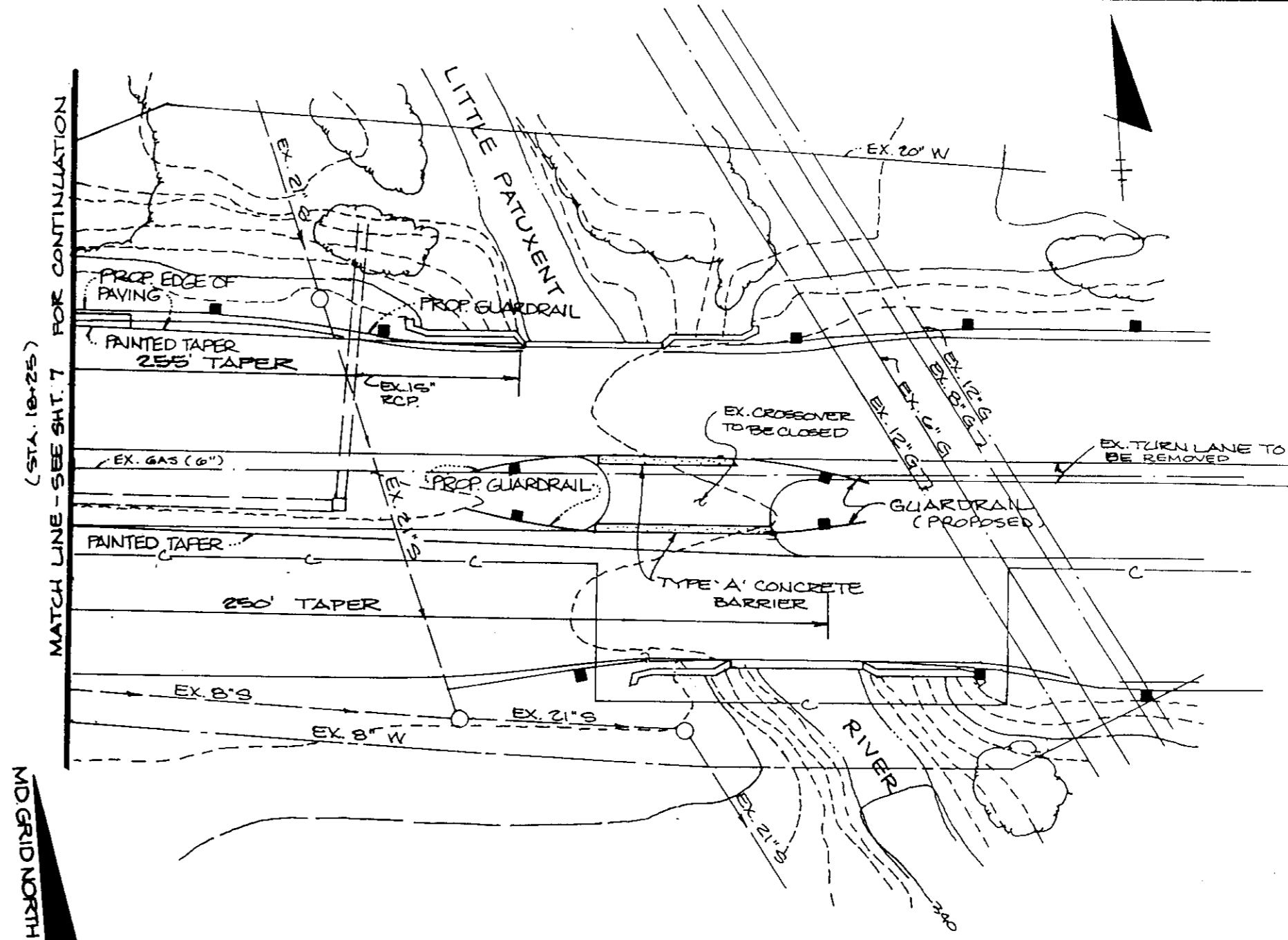
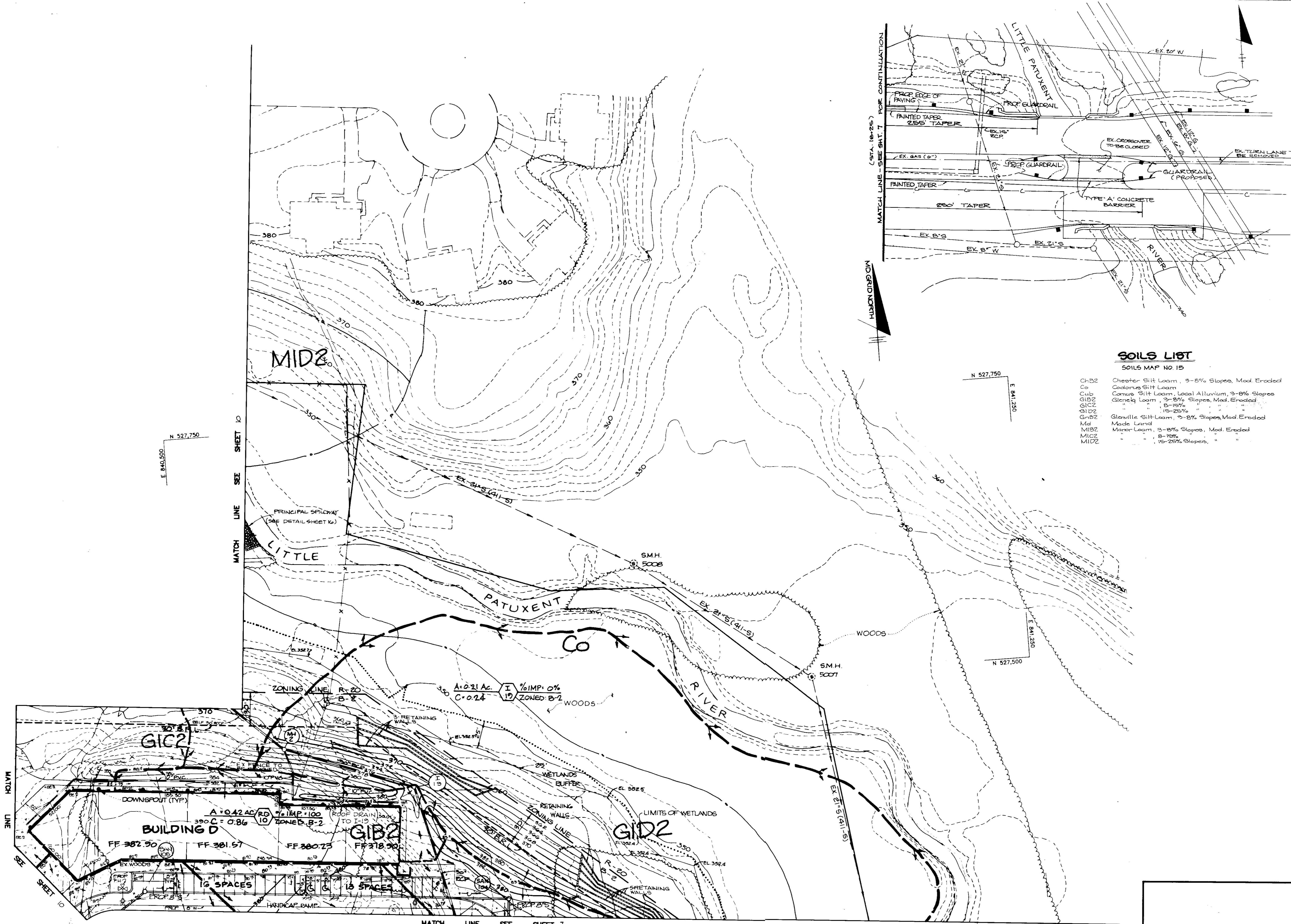
RIEMER MUEGGE & ASSOCIATES, INC.
 A Land Planning, Engineering and Consulting Firm
 3105 North Ridge Road Elicott City, Maryland 21043
 301-461-2690 FAX: 301-750-3176

DATE: 4-3-91
 DESIGNED BY: JLB
 DRAWN BY: GDH
 PROJECT NO: 90108
 DATE: APRIL 3, 1991
 SCALE: 1" = 40'
 DRAWING NO. 8 OF 12

REVISED GRADING FOR FRONT ISLAND SUPPLY BY BOHLE ENGINEERING. 04/24/14

REVISE DRIVEWAY STRIPING, INSTALL 24" STOP BAR AND ADD STOP SIGN. 09/26/23





SOILS LIST
SOILS MAP NO 15

ChB2	Chester Silt Loam, 3-8% Slopes, Mod. Eroded
Co	Codomo Silt Loam
Cub	Comus Silt Loam, Local Alluvium, 3-8% Slopes
GIB2	Glenelg Loam, 3-8% Slopes, Mod. Eroded
GIC2	" " " " " " " "
GIB2	" " " " " " " "
GIB2	Glenville Silt Loam, 3-8% Slopes, Mod. Eroded
Md	Made Land
MIB2	Manor Loam, 3-8% Slopes, Mod. Eroded
MIB2	" " " " " " " "
MID2	" " " " " " " "
MID2	" " " " " " " "

BY THE DEVELOPER:
 "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. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT."
 Developer: *Robert Zich* 4/3/91
 DATE

BY THE ENGINEER:
 "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."
 Engineer: *Arthur E. Muegge* 4-3-91
 DATE

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.
 Soil Conservation Service: *James M. Nelson* 4/17/91
 DATE

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 Approved: *Robert Zich* 4/17/91
 HOWARD S.C.D. DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
 County Health Officer: *James B. Borden* 5-2-91
 DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
 Director: *Joseph K. Korte* 5/3/91
 DATE
 Chief, Division of Community Planning and Land Development: *Mark S. McLaughlin* 5/6/91
 DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 Director: *James P. Selman* 4/26/91
 DATE
 Chief, Bureau of Engineering: *Michael S. Reed* 4-26-91
 DATE

DATE	NO.	REVISION
OWNER/DEVELOPER STONE HENGE LIMITED PARTNERSHIP 40 YORK ROAD TOWSON MARYLAND 21204		
PROJECT: A COMMERCIAL CENTER THE ENCHANTED FOREST PARCEL 'A' AND PARCEL 'B'		
AREA TAX MAP NO. 24 PARCELS 454, 564, 10, 68 2 ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND		
TITLE: DRAINAGE AREA MAP		

RIEMER MUEGGE & ASSOCIATES, INC.
 A Land Planning, Engineering and Consulting Firm
 3105 North Ridge Road - Ellicott City, Maryland 21043
 301-461-2690 FAX: 301-750-3176

DATE: 4-3-91
 DESIGNED BY: JLB
 DRAWN BY: GDH
 PROJECT NO: 3010B
 DATE: APRIL 3, 1991
 SCALE: AS SHOWN
 DRAWING NO. 9 OF 40

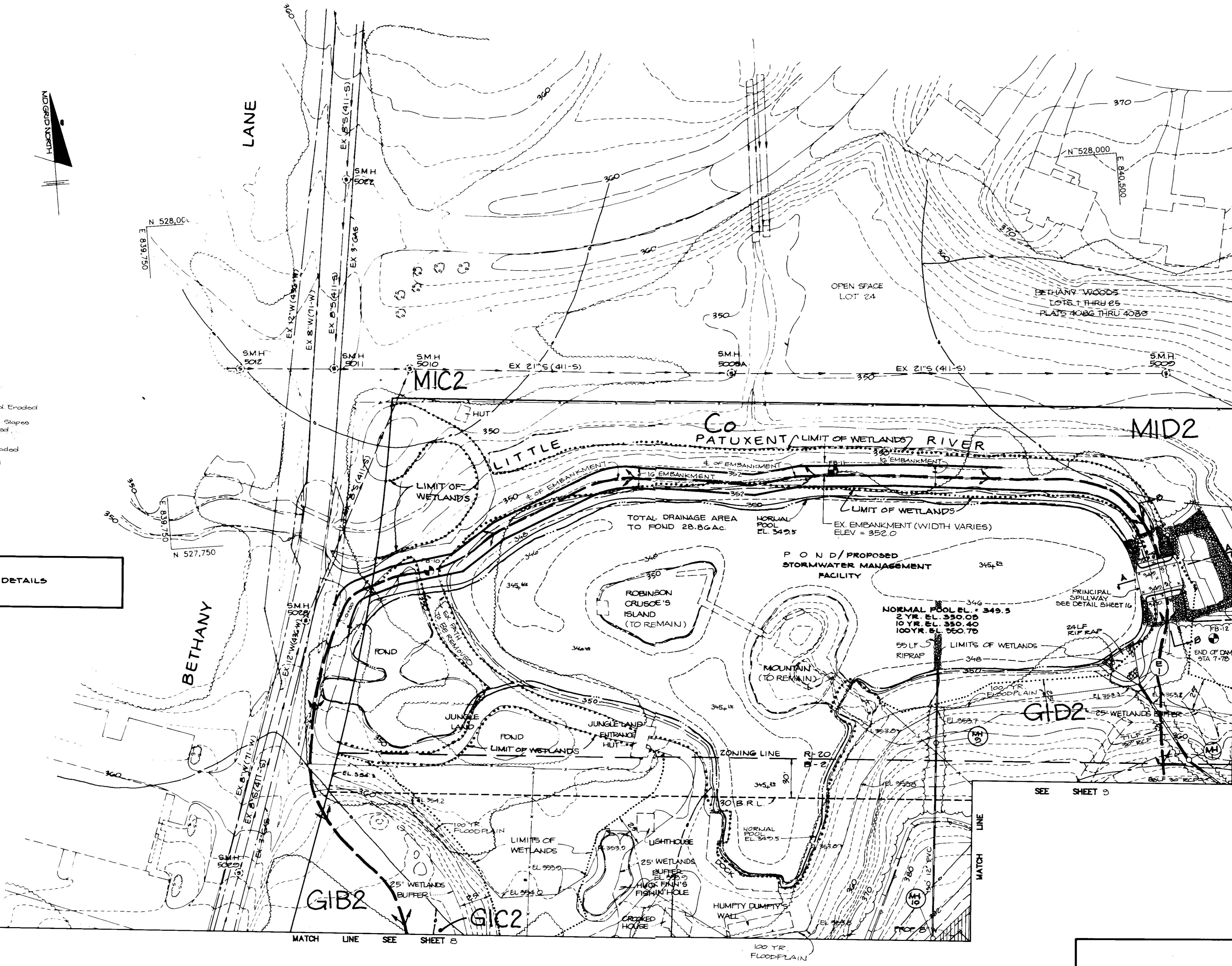
Professional Engineer Seal: *Arthur E. Muegge* 0107

PLAN
SCALE: 1" = 40'

AS BUILT CERTIFICATION

ENGINEER: _____
 PE # _____ DATE: _____

MARYLAND BLUEPRINT CO. INC. 72006



SOILS LIST

SOILS MAP NO. 15

- ChB2 Chester Silt Loam, 3-8% Slopes, Mod. Eroded
- Co Conolus Silt Loam
- GIB2 Gense Silt Loam, Local Alluvium, 3-8% Slopes
- GIC2 Glenclay Loam, 3-8% Slopes, Mod. Eroded
- GID2 " " " " " " " " " " " "
- GIB2 Glenville Silt Loam, 3-8% Slopes, Mod. Eroded
- Ma Made Land
- MIB2 Miron Loam, 3-8% Slopes, Mod. Eroded
- MIC2 " " " " " " " " " " " "
- MID2 " " " " " " " " " " " "

NOTE:
1. SEE SHEET 16 FOR PROFILES AND DETAILS

PLAN
SCALE 1"=40'

AS BUILT CERTIFICATION

ENGINEER _____ DATE _____

PE # _____

BY THE DEVELOPER:
"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. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT."
James M. Helm 4/3/91
DEVELOPER DATE

BY THE ENGINEER:
"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."
Arthur E. Muegge 4-3-91
ENGINEER DATE

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.
James M. Helm 4/17/91
SOIL CONSERVATION SERVICE DATE

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
Robert Ziehan 4/17/91
APPROVED HOWARD S.C.D. DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
Joseph Spivey 5-2-91
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
Joseph Spivey 5/3/91
DIRECTOR DATE

Charles J. Taylor 5/3/91
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC WORKS.
James J. Helm 4/26/91
DIRECTOR DATE

Arthur E. Muegge 4-26-91
CHIEF, BUREAU OF ENGINEERING DATE

DATE	NO.	REVISION

OWNER/DEVELOPER
STONEHENGE LIMITED PARTNERSHIP
40 YORK ROAD
TOWSON MARYLAND 21284

PROJECT
THE ENCHANTED FOREST
PARCEL 'A' AND PARCEL 'G'
AREA TAX MAP NO. 24 PARCELS 454, 564, 10, 68
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE
DRAINAGE AREA MAP

RIEMER MUEGGE & ASSOCIATES, INC.
A Land Planning, Engineering and Consulting Firm
3105 North Ridge Road Ellicott City, Maryland 21043
301-461-2690 FAX: 301-750-3176

4-3-91 DATE
DESIGNED BY JLB
DRAWN BY GDH
PROJECT NO. 9010B
DATE: APRIL 3, 1991
SCALE: AS SHOWN
DRAWING NO. 0 OF 40

SDP-90-107
WP-20-54, 25 CASE 80-714
S-80-82, WP-80-143 F-20-52

SDP-90-74

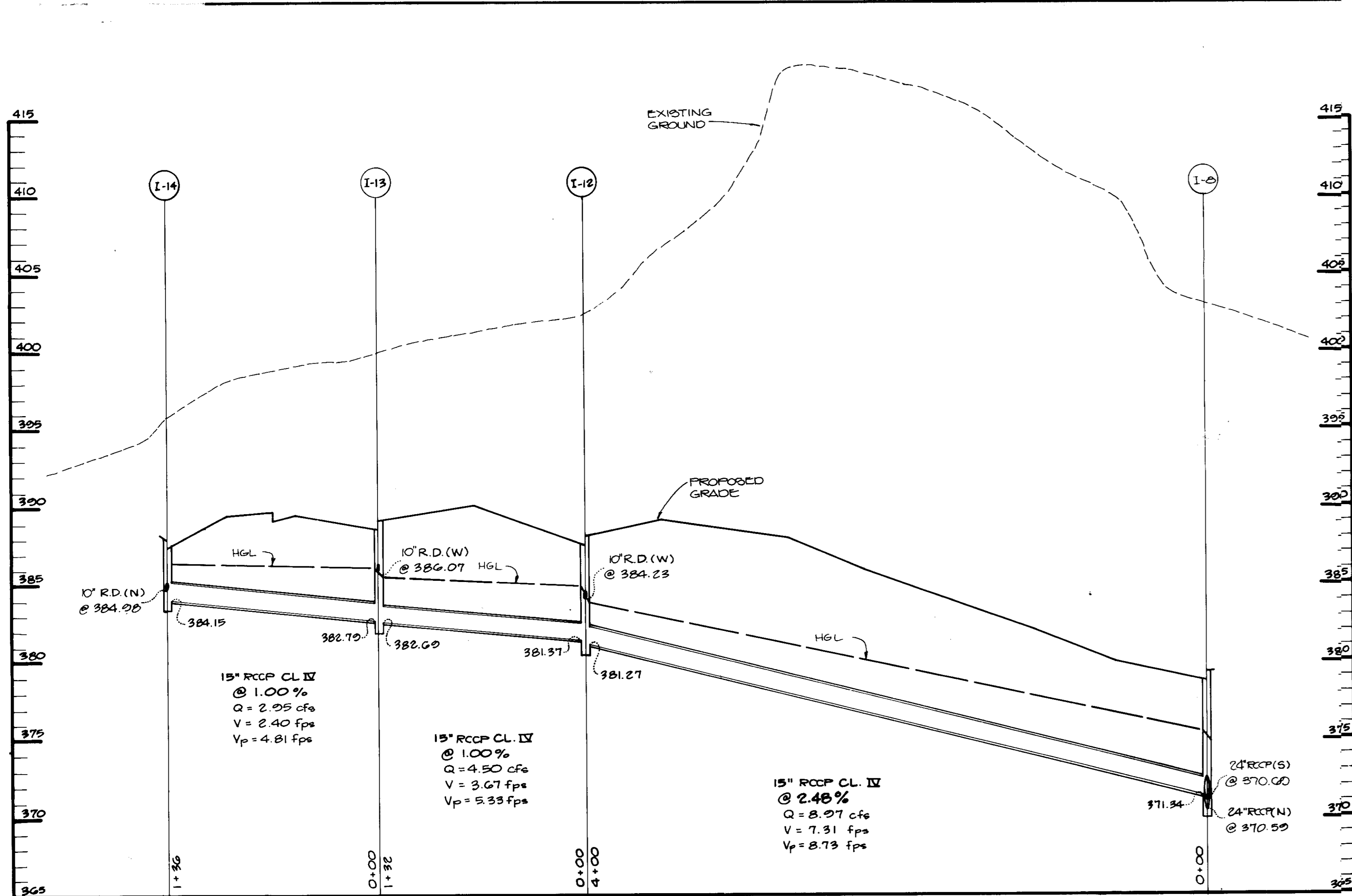


SOILS LIST
SOILS MAP NO. 15

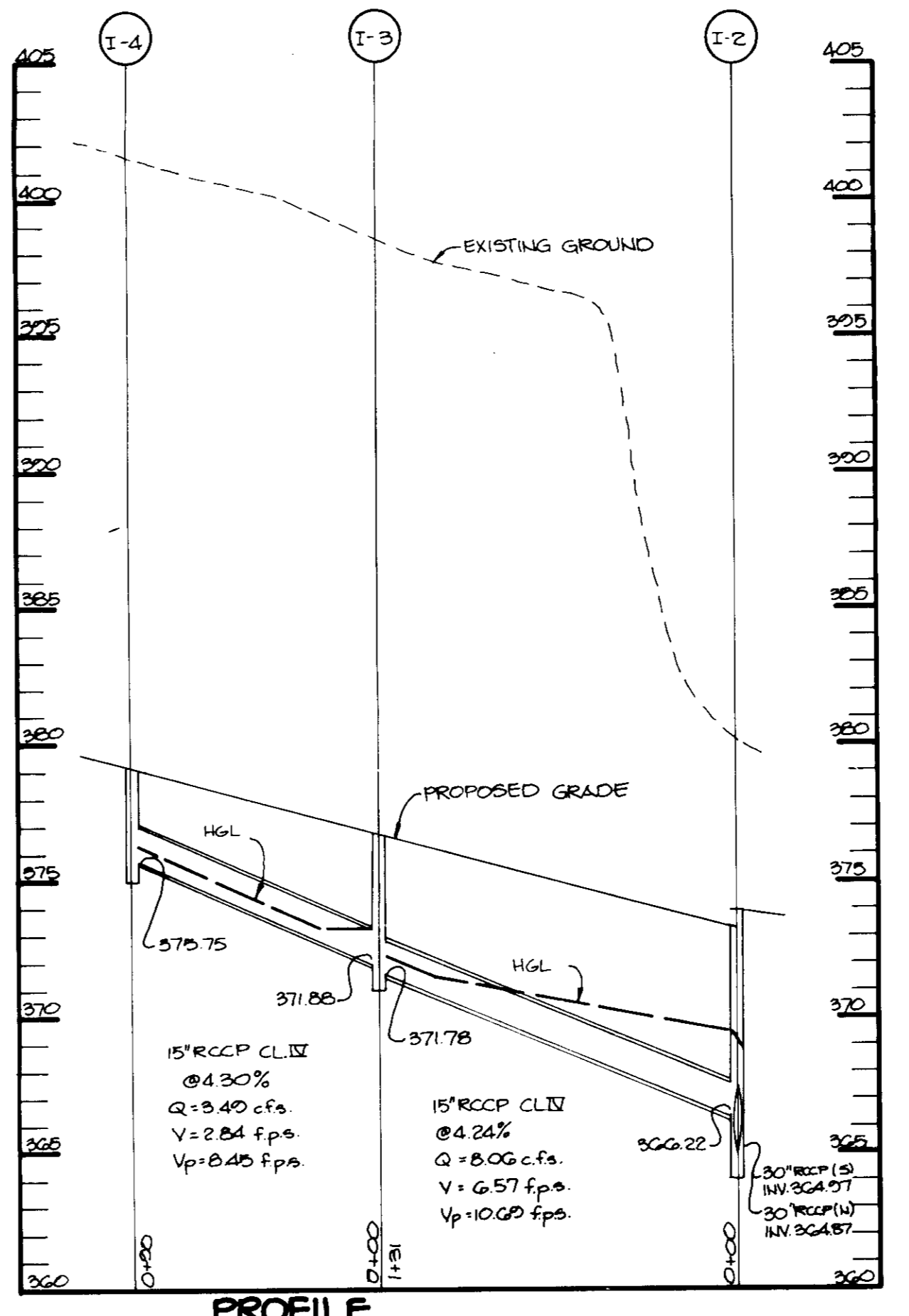
ChB2	Chester Silt Loam, 3-8% Slopes, Mod. Eroded
Co	Colorus Silt Loam
CuB	Conus Silt Loam, Local Alluvium, 3-8% Slopes
GlB2	Glenly Loam, 3-8% Slopes, Mod. Eroded
GlC2	" " " " " "
GlD2	" " " " " "
GnB2	Glenville Silt Loam, 3-8% Slopes, Mod. Eroded
Md	Made Land
MIB2	Manor Loam, 3-8% Slopes, Mod. Eroded
MIC2	" " " " " "
MIC2	" " " " " "

AS BUILT CERTIFICATION	
ENGINEER	DATE
FE #	
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.	
<i>Joseph P. Boyle</i> COUNTY HEALTH OFFICER	5-2-91 DATE
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.	
<i>Jungel Heeter</i> DIRECTOR	5/2/91 DATE
<i>Robert S. DeGroot</i> CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT	5/6/91 DATE
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.	
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
<i>James P. Lewis</i> DIRECTOR	5/26/91 DATE
<i>James P. Lewis</i> CHIEF, BUREAU OF ENGINEERING	4-26-91 DATE
DATE	NO. REVISION
OWNER / DEVELOPER	
STONEHENGE LIMITED PARTNERSHIP 40 YORK ROAD TOWSON MARYLAND 21204	
PROJECT: A COMMERCIAL CENTER THE ENCHANTED FOREST PARCEL 'A' AND PARCEL 'B'	
AREA TAX MAP NO 24 PARCELS 454, 564, 10, 68 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TITLE: DRAINAGE AREA MAP	
RIEMER MUEGGE & ASSOCIATES, INC. A Land Planning, Engineering and Consulting Firm 3105 North Ridge Road Ellicott City, Maryland 21043 301-461-2690 FAX: 301-750-3176	
DATE: 4-3-91	WP-20-54, 2B CASE 80-71 5-20-82 WP-20-43 P-20-82
DESIGNED BY: M.G.K.	
DRAWN BY: DJE	
PROJECT NO: 90108	
DATE: APRIL 3, 1991	
SCALE: 1" = 40'	
DRAWING NO: 11 OF 40	

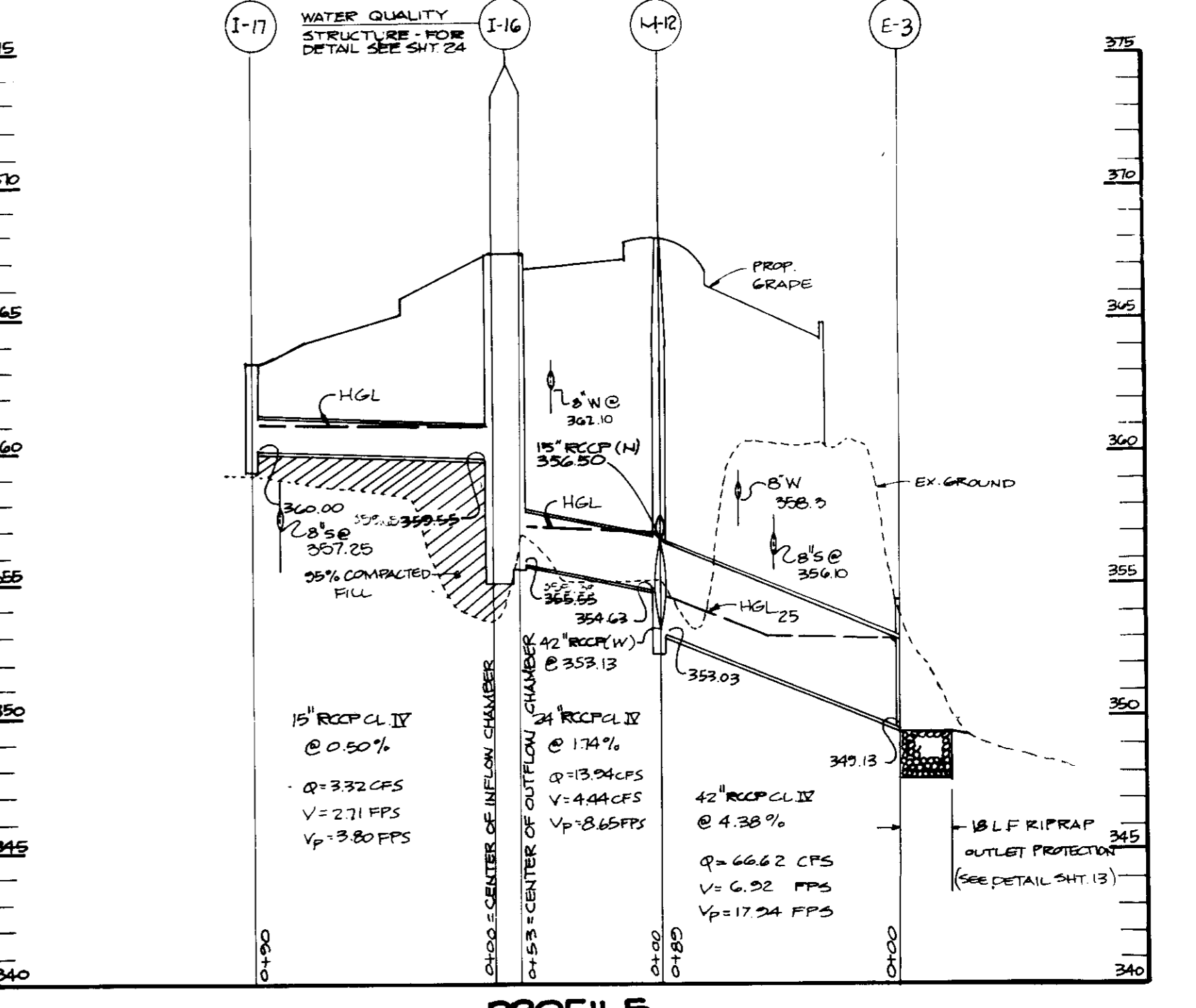
SDP-90-74



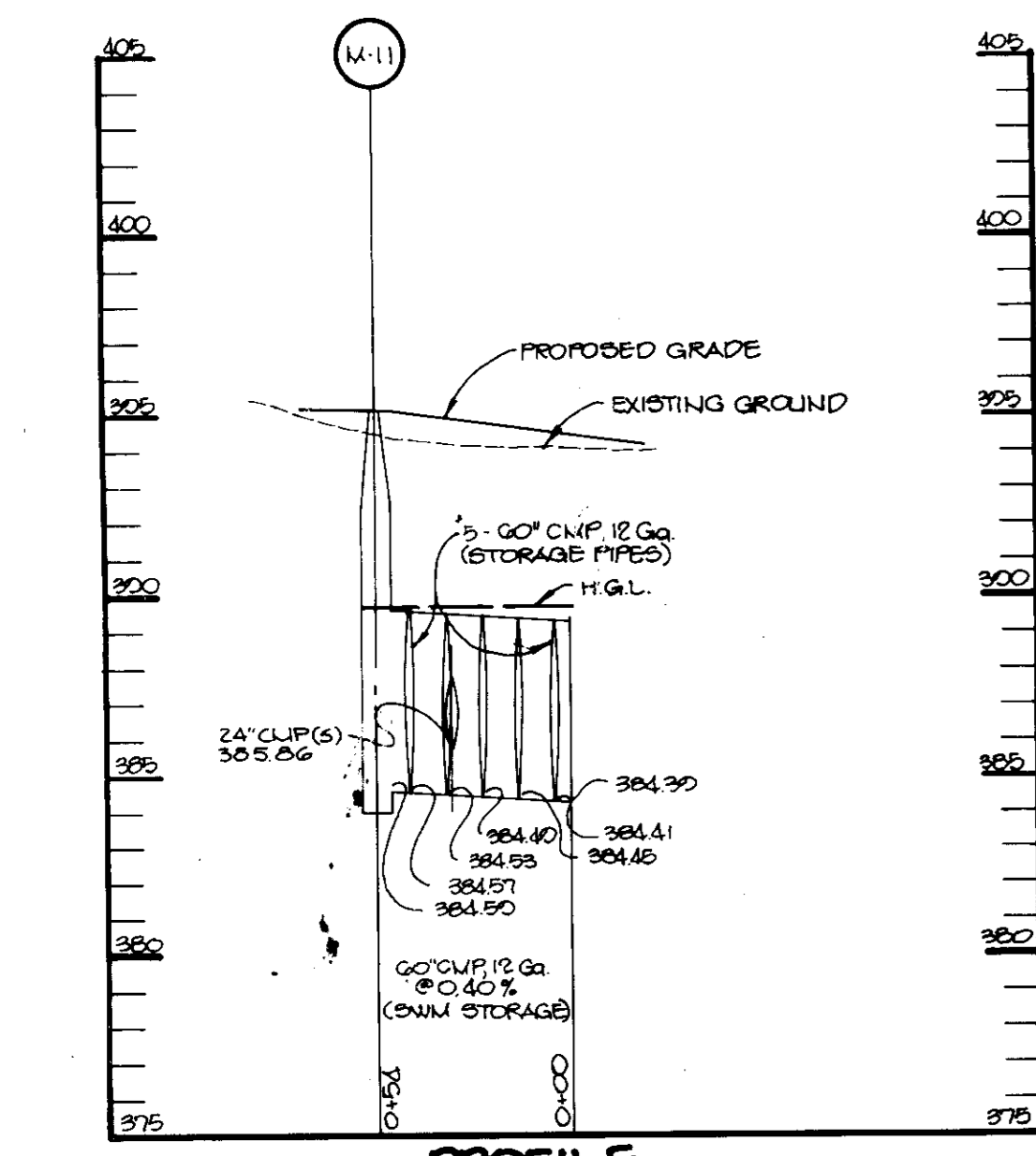
PROFILE
 HOR: 1" = 50'
 VERT: 1" = 5'



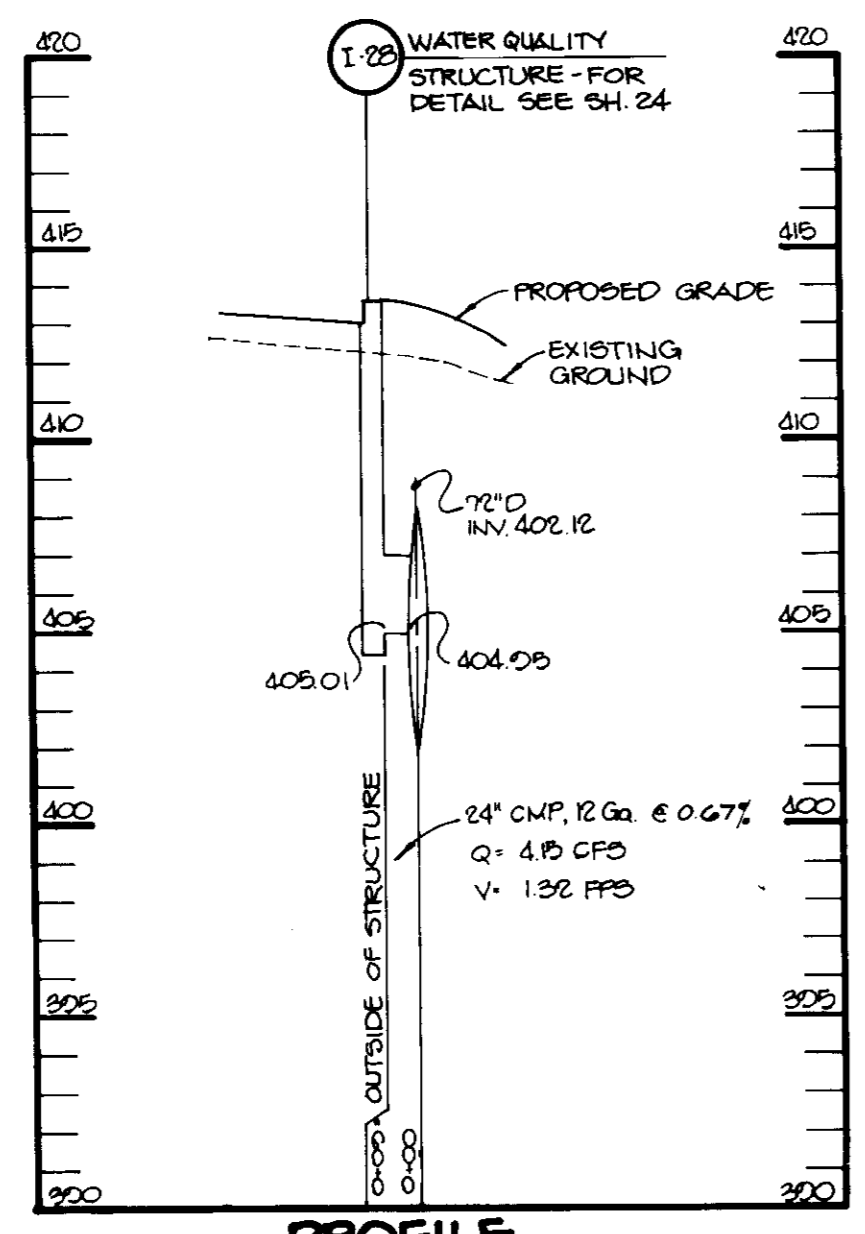
PROFILE
 HOR: 1" = 50'
 VERT: 1" = 5'



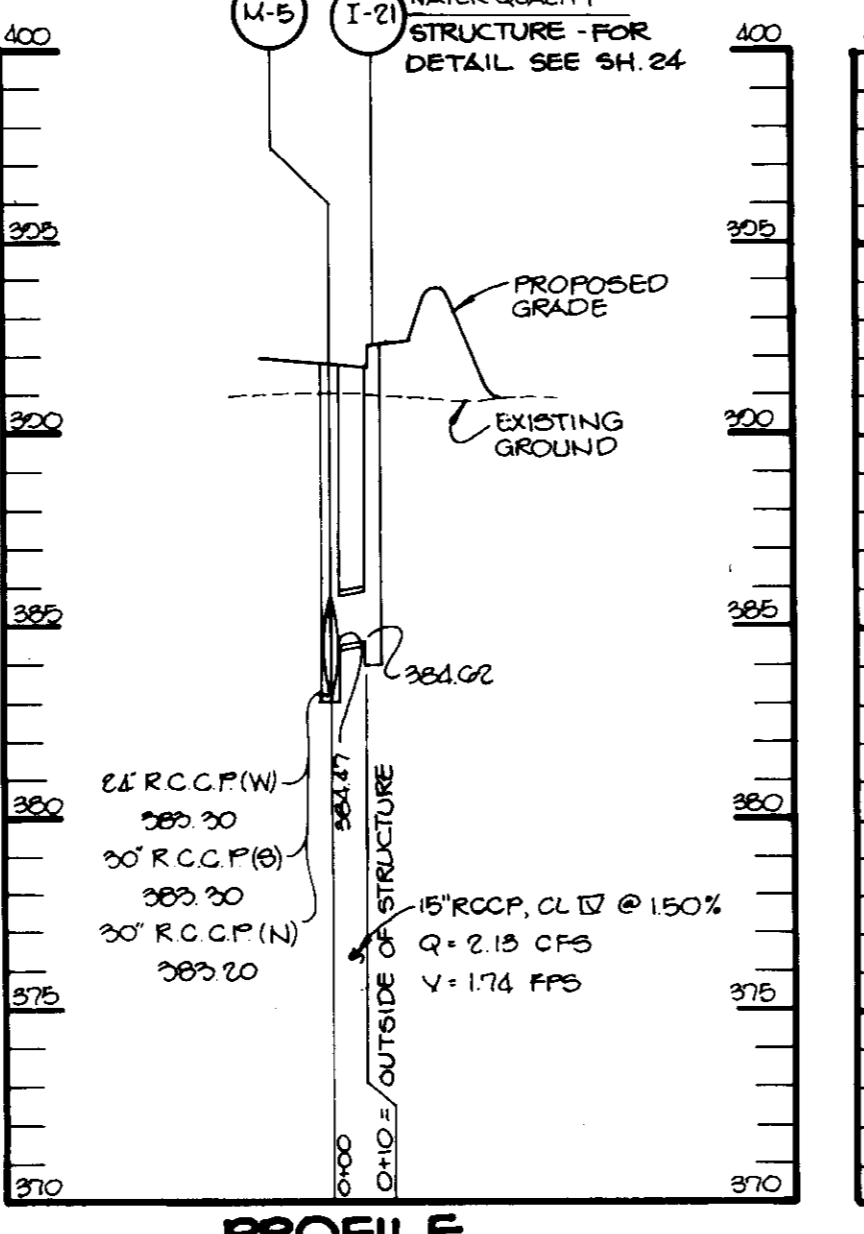
PROFILE
 HOR: 1" = 50'
 VERT: 1" = 5'



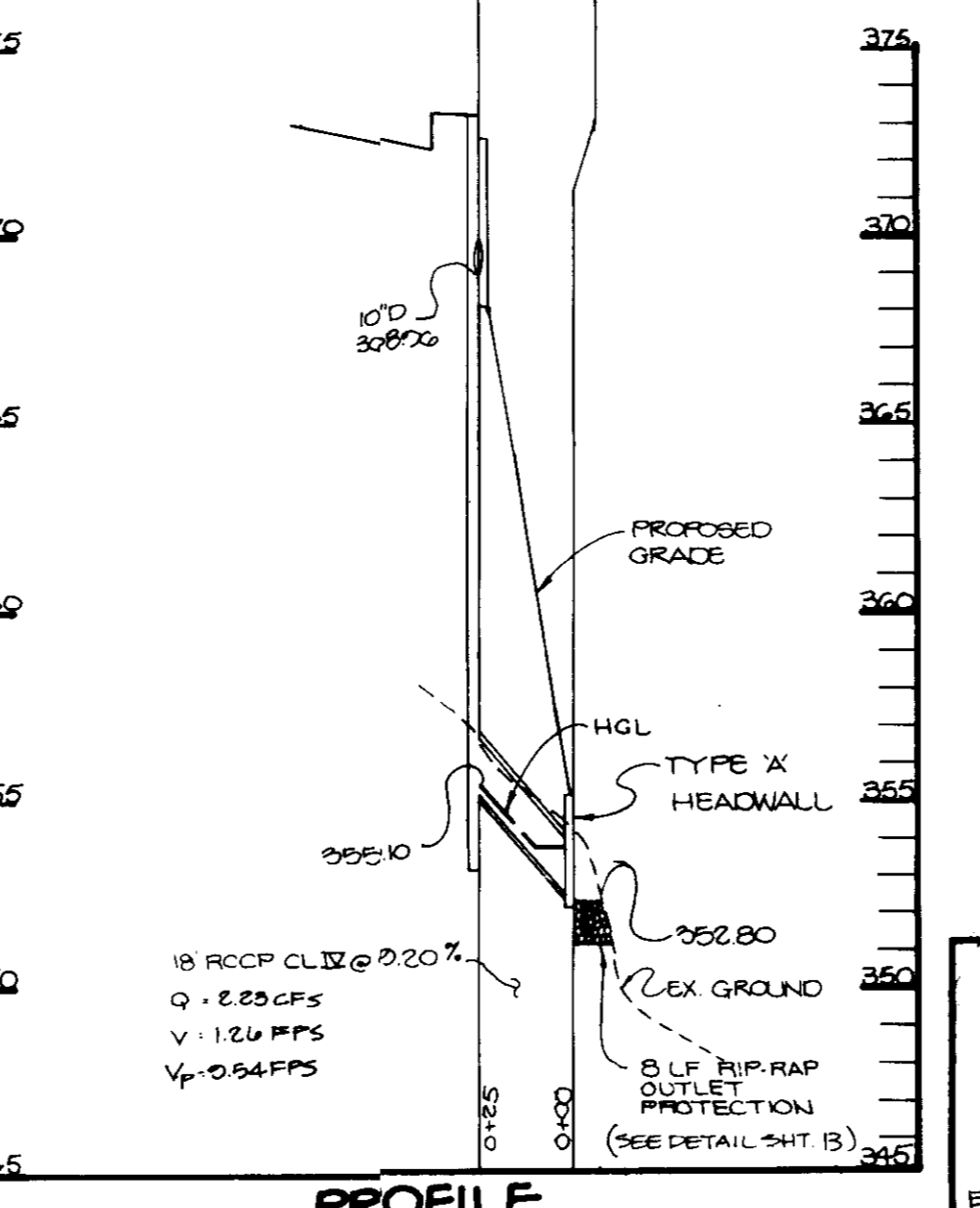
PROFILE
 HOR: 1" = 50'
 VERT: 1" = 5'



PROFILE
 HOR: 1" = 50'
 VERT: 1" = 5'



PROFILE
 HOR: 1" = 50'
 VERT: 1" = 5'



PROFILE
 HOR: 1" = 50'
 VERT: 1" = 5'

AS BUILT CERTIFICATION
 ENGINEER: *J. Fresh*
 DATE: _____

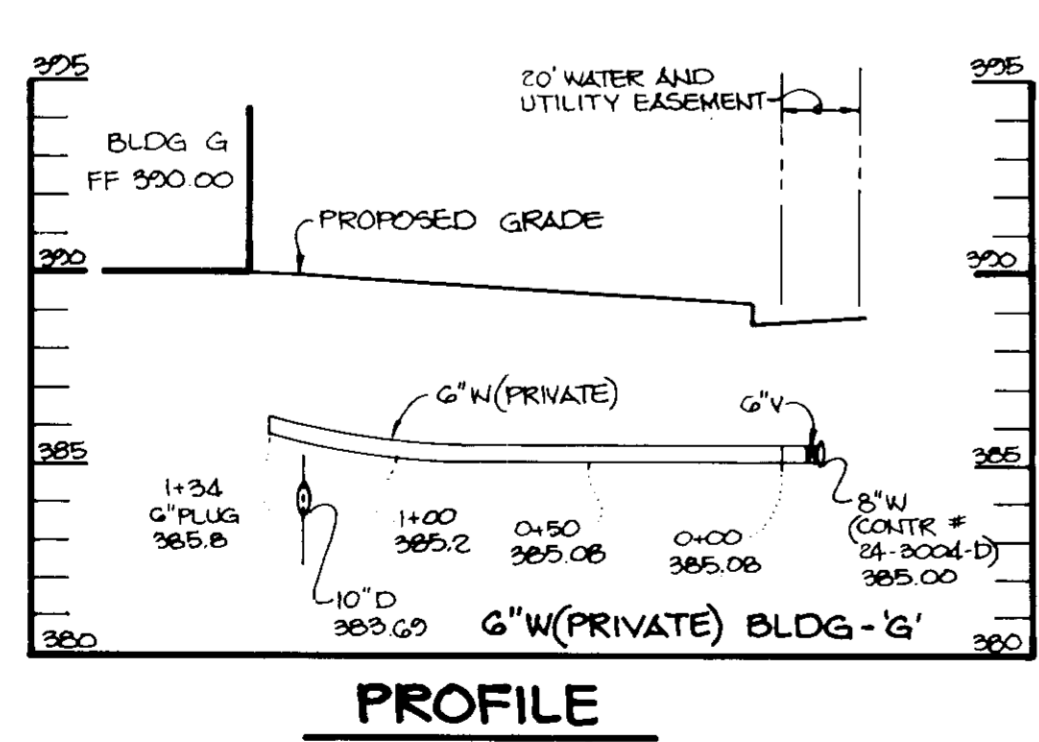
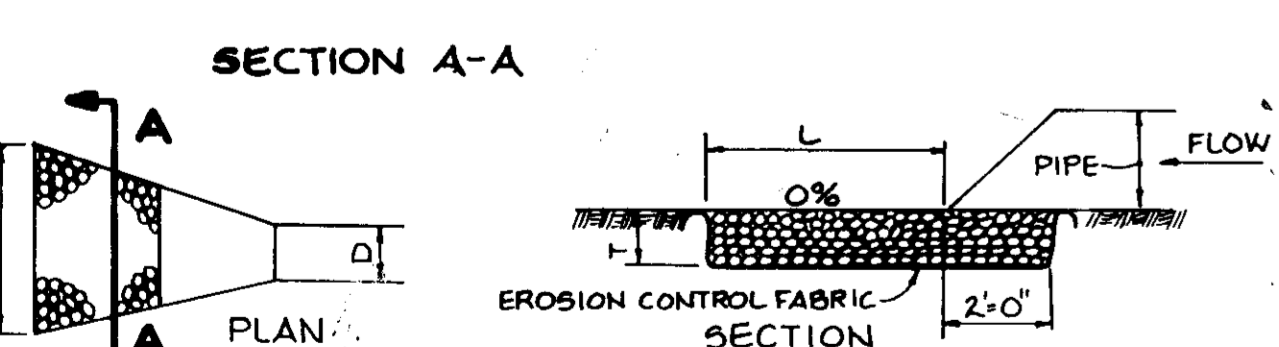
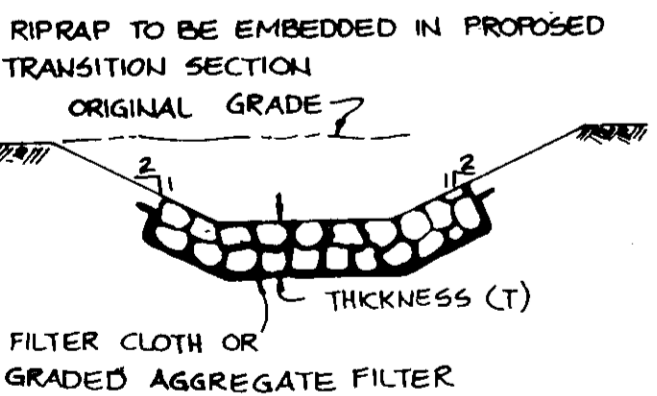
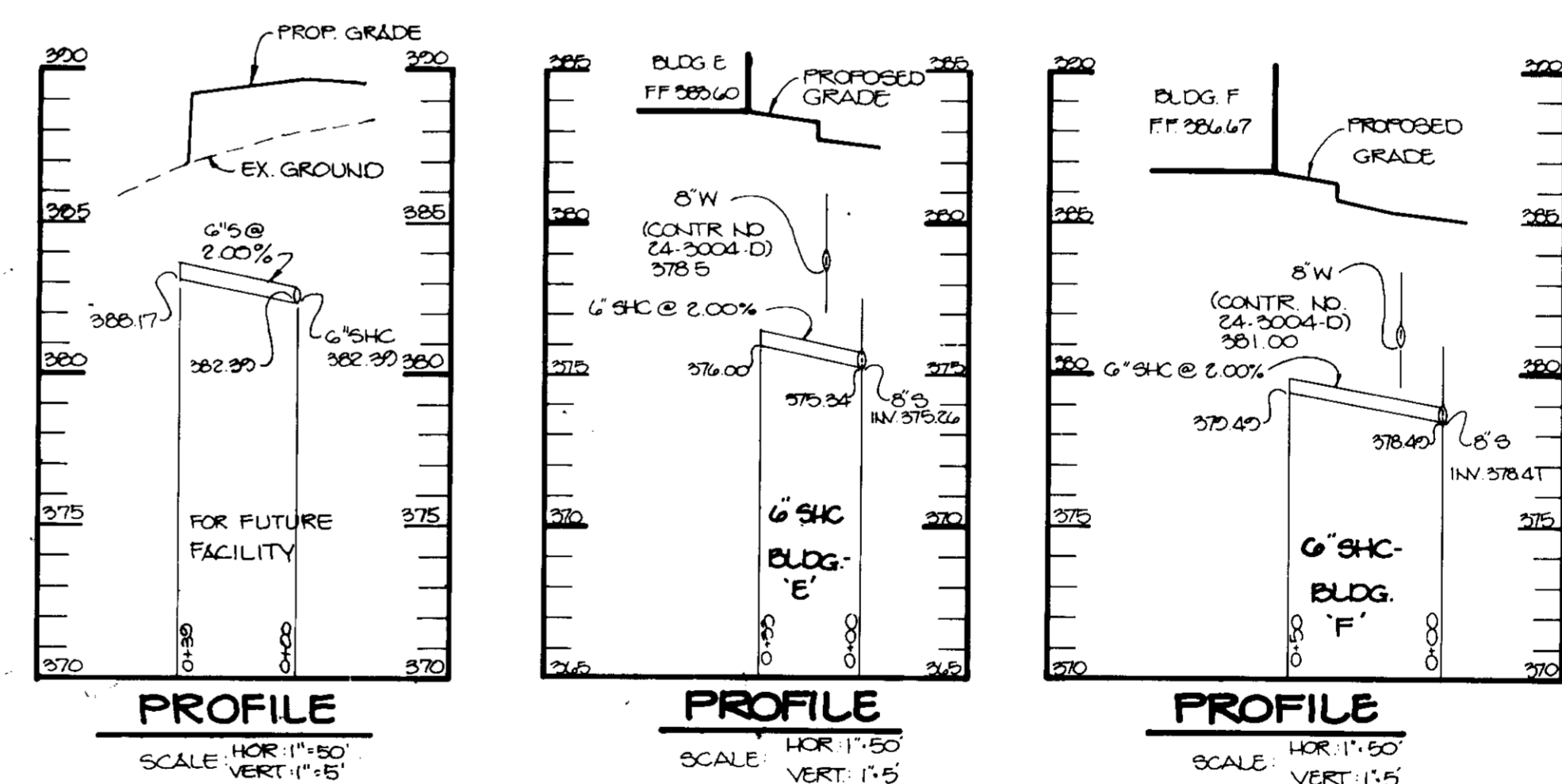
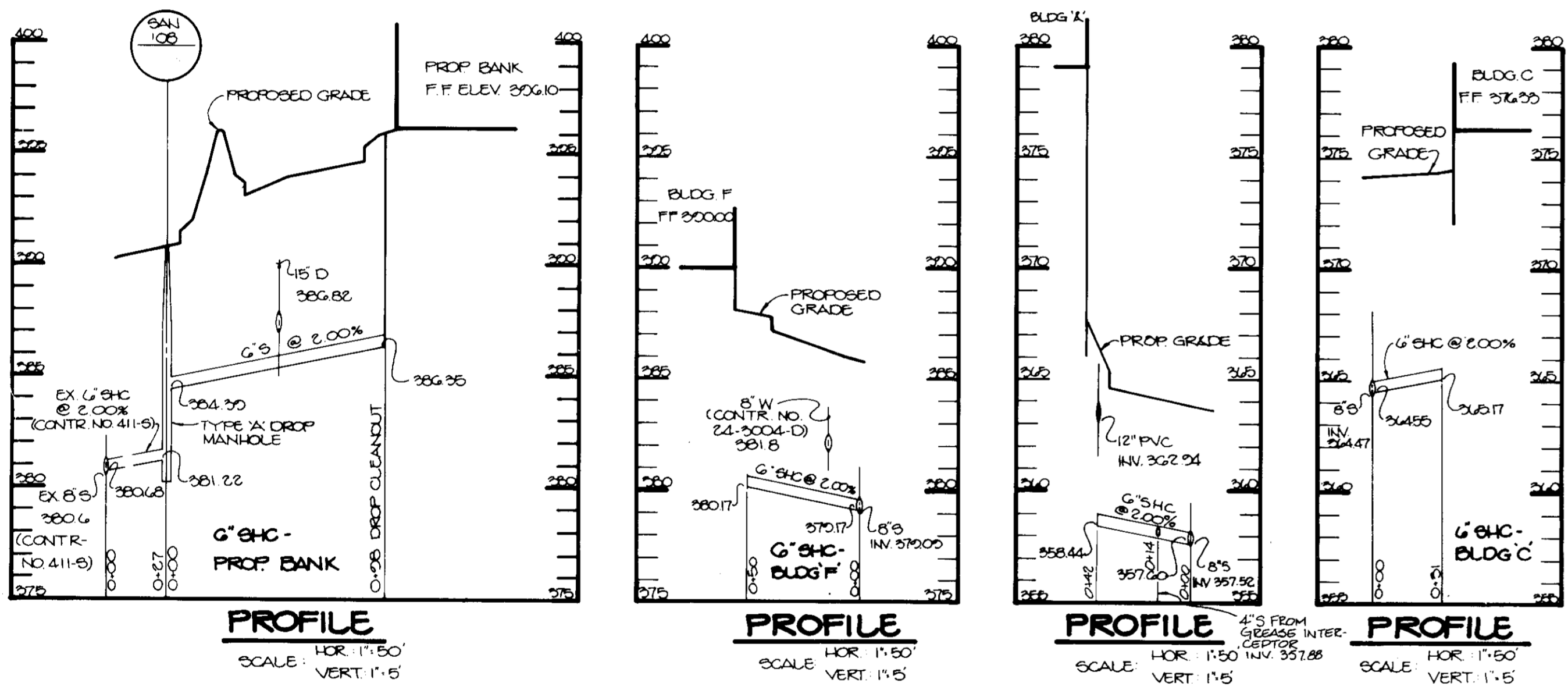
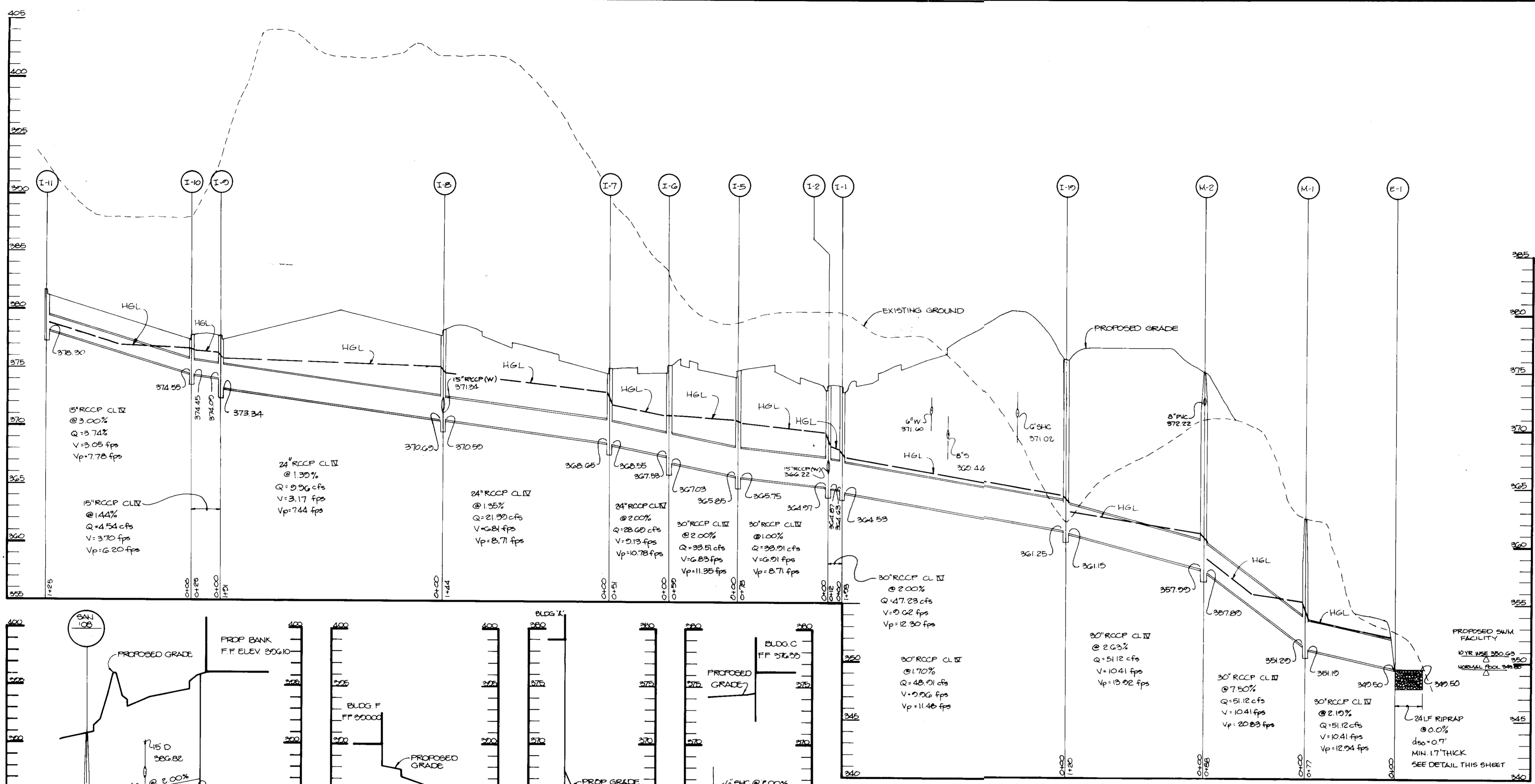
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
John B. ... 5-2-91
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
James ... 5/3/91
 DIRECTOR DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James ... 4/26/91
 DIRECTOR DATE

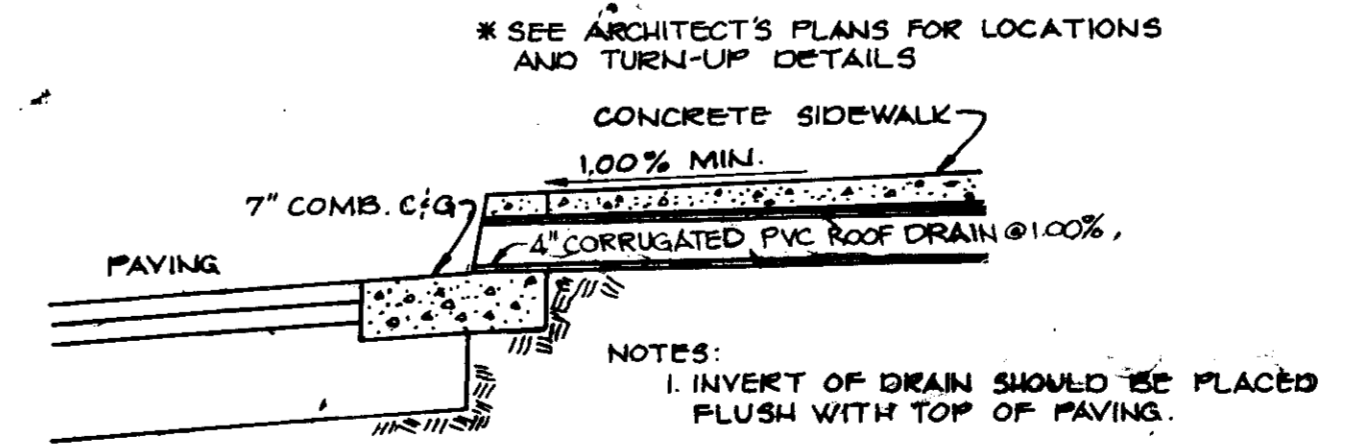
William ... 4-26-91
 CHIEF, BUREAU OF ENGINEERING DATE

DATE	NO.	REVISION
OWNER/DEVELOPER		
STONEHENGE LIMITED PARTNERSHIP 40 YORK RD TOWSON, MARYLAND 21284		
PROJECT: A COMMERCIAL CENTER THE ENCHANTED FOREST PARCEL 'A' AND PARCEL 'G'		
AREA TAX MAP NO 24 PARCELS 454, 504, 10, 68 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND		
TITLE: STORM DRAIN PROFILES		
RIEMER MUEGGE & ASSOCIATES, INC. A Land Planning, Engineering and Consulting Firm 3105 North Ridge Road Ellicott City, Maryland 21043 301-461-2690 FAX: 301-750-3176		
DATE	4-3-91	WP-90-54, 2B CASE 267M S-80-82 WP-80-143 F-90-22
DESIGNED BY:	JLB	
DRAWN BY:	G.D.H.	
PROJECT NO:	30108	
DATE:	APRIL 3, 1991	
SCALE:	AS SHOWN	
DRAWING NO.	12 OF 40	



STRUCTURE	MEDIUM STONE DIA.	LENGTH (L)	WIDTH (W)	THICKNESS (T)	STRUCTURE	MEDIUM STONE DIA.	LENGTH (L)	WIDTH (W)	THICKNESS (T)
E-1	6"	24'	28'	1.7'	EX E-5	6"	14'	12'	1.2'
E-2	6"	12'	25'	1.2'	E-6	6"	8'	12'	1.2'
E-3	6"	18'	25'	1.2'	EX E-7	6"	10'	12'	1.2'
E-4	6"	10'	12'	1.2'	EX E-9	6"	10'	12'	1.2'
					EX E-10	6"	10'	12'	1.2'

OUTLET PROTECTION DETAIL
No Scale



TYPICAL ROOF DRAIN DETAIL
NO SCALE

AS BUILT CERTIFICATE

ARTHUR E. MUEGGE #8707 DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
James P. Kelly 5-2-91
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
James P. Kelly 5-2-91
 DIRECTOR DATE

Arthur E. Muegge 5-2-91
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James P. Kelly 4/26/91
 DIRECTOR DATE

Arthur E. Muegge 4-26-91
 CHIEF, BUREAU OF ENGINEERING DATE

10/25/91 | REVISION PROFILE - ADDED STATIONING & 4" S
 DATE NO REVISION

OWNER/DEVELOPER
 STONEHENGE LIMITED PARTNERSHIP
 40 YORK ROAD
 TOWSON, MARYLAND 21204

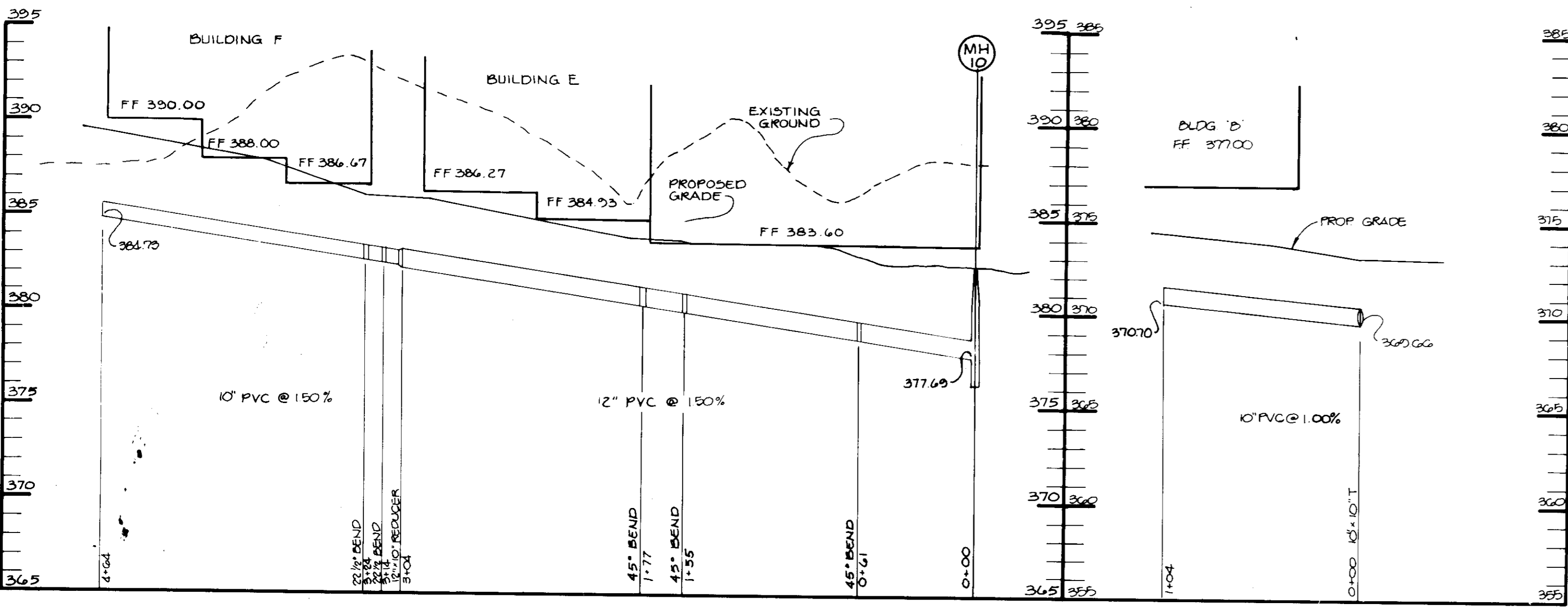
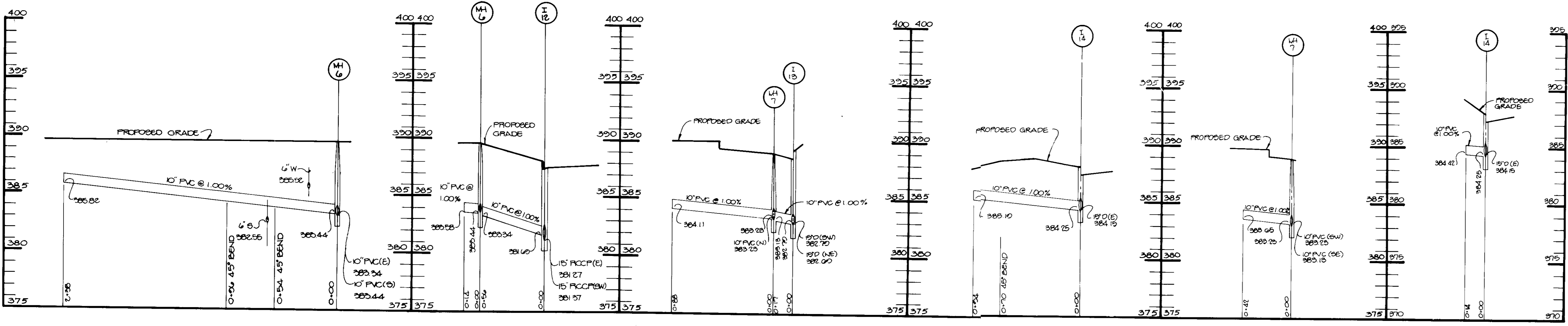
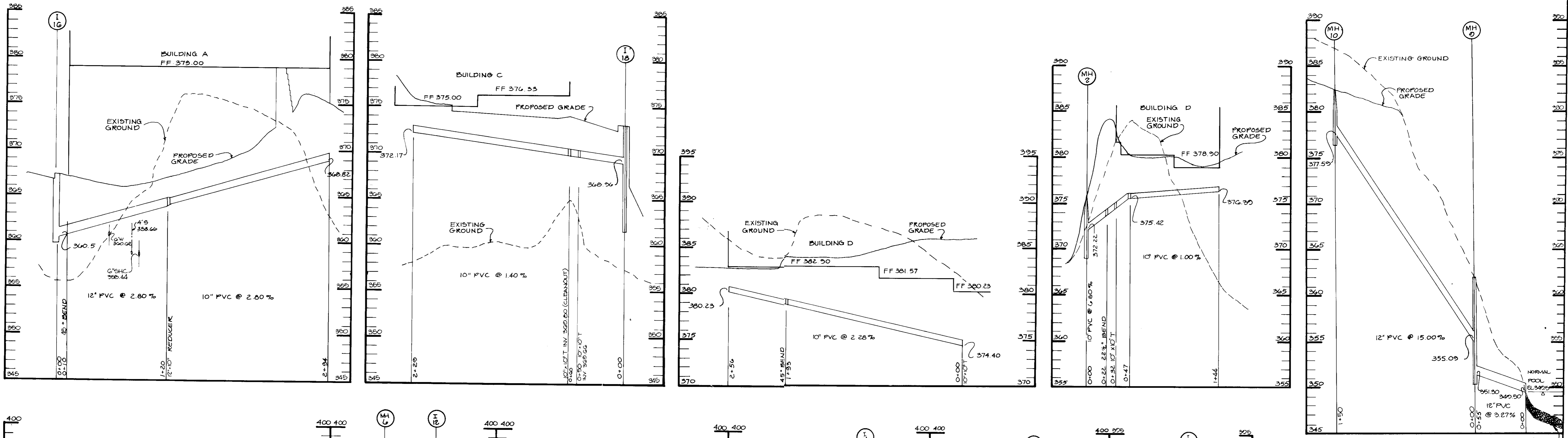
PROJECT: A COMMERCIAL CENTER
THE ENCHANTED FOREST
 PARCELS A' AND PARCEL 'G'
 AREA: TAX MAP NO 24 PARCELS 454, 564, 10, 68
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TITLE: **STORM DRAIN, WATER AND SEWER PROFILES & DETAIL SHEET**

RIEMER MUEGGE & ASSOCIATES, INC.
 A Land Planning, Engineering and Consulting Firm
 3105 North Ridge Road Ellicott City, Maryland 21043
 301-461-2690 FAX: 301-750-3176

4-27-91
 DATE

DESIGNED BY: M.G.K.
 DRAWN BY: D.A.M.
 PROJECT NO: 30108
 DATE: APRIL 3, 1991
 SCALE: AS SHOWN
 DRAWING NO. 13 OF 40



6" WIDE x 1.2" THICK TO FOND BOTTOM

AS BUILT CERTIFICATION	
ENGINEER	DATE
PE #	
10-23-91	ADDED 4" S CROSSINGS
DATE	NO REVISION
OWNER/DEVELOPER	
STONEHENGE LIMITED PARTNERSHIP 40 YORK ROAD TOWSON, MARYLAND 21204	
PROJECT: A COMMERCIAL CENTER THE ENCHANTED FOREST PARCEL 'A' AND PARCEL 'B'	
AREA TAX MAP NO 24	PARCELS 434, 524, 119, 68
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TITLE	
ROOF DRAIN PROFILES	
RIEMER MUEGGE & ASSOCIATES, INC. A Land Planning, Engineering and Consulting Firm 3105 North Ridge Road Ellicott City, Maryland 21043 301-461-2690 FAX: 301-750-3176	
DATE	WP-00-54, 2B CASE 827M, S-89-82, WP-80-143, F-90-32
DESIGNED BY: M.G.K.	
DRAWN BY: D.B.S.	
PROJECT NO: 30108	
DATE: APRIL 3, 1991	
SCALE: HOR: 1" = 50' VERT: 1" = 5'	
DRAWING NO. 14 OF 40	

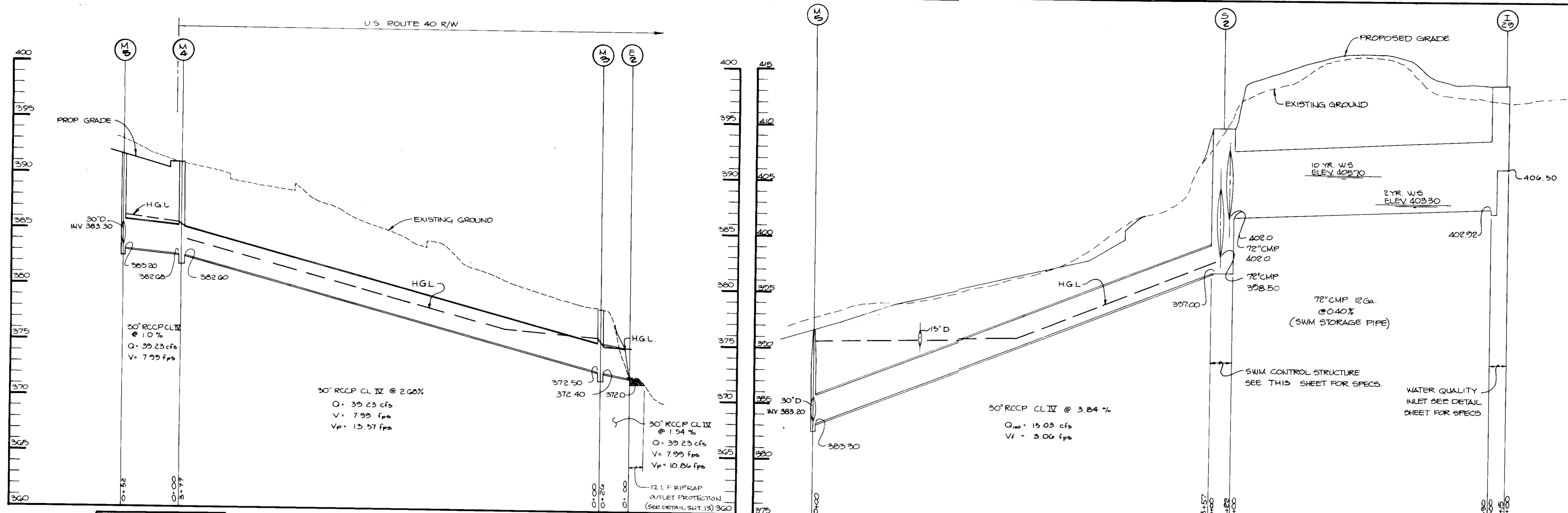
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
John Blyler 5-2-91
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
Joseph Roth 5/13/91
DIRECTOR DATE

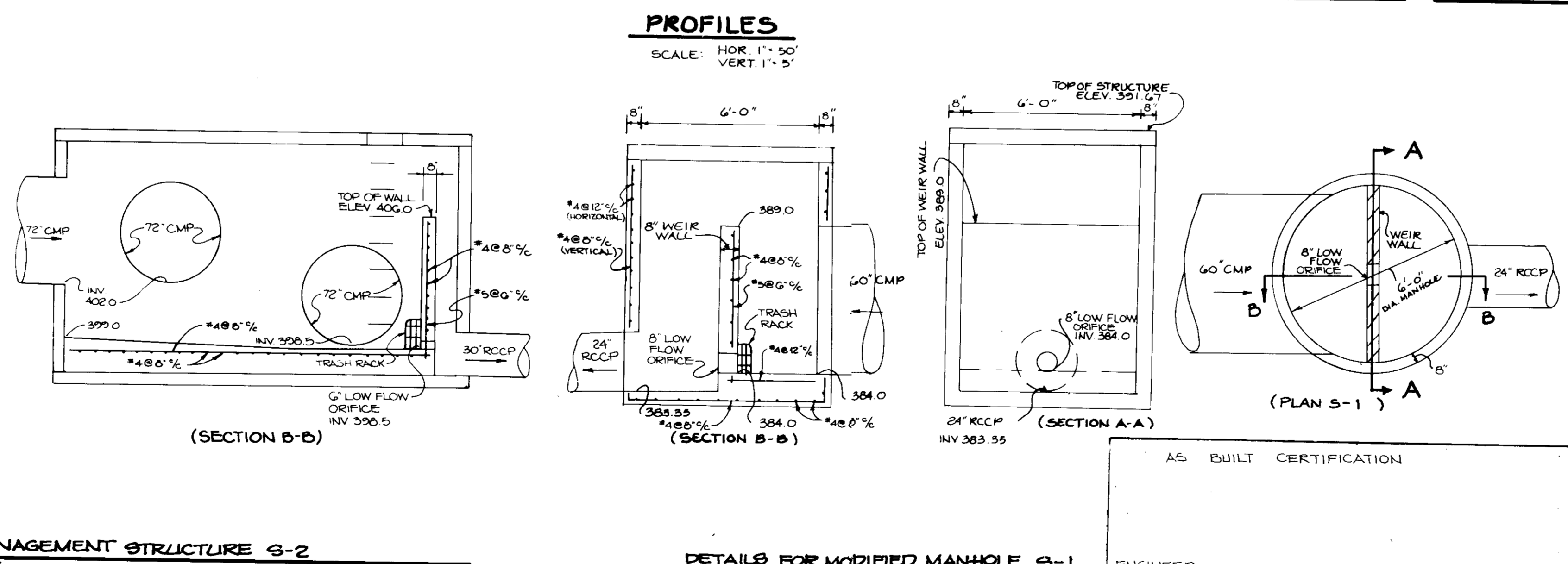
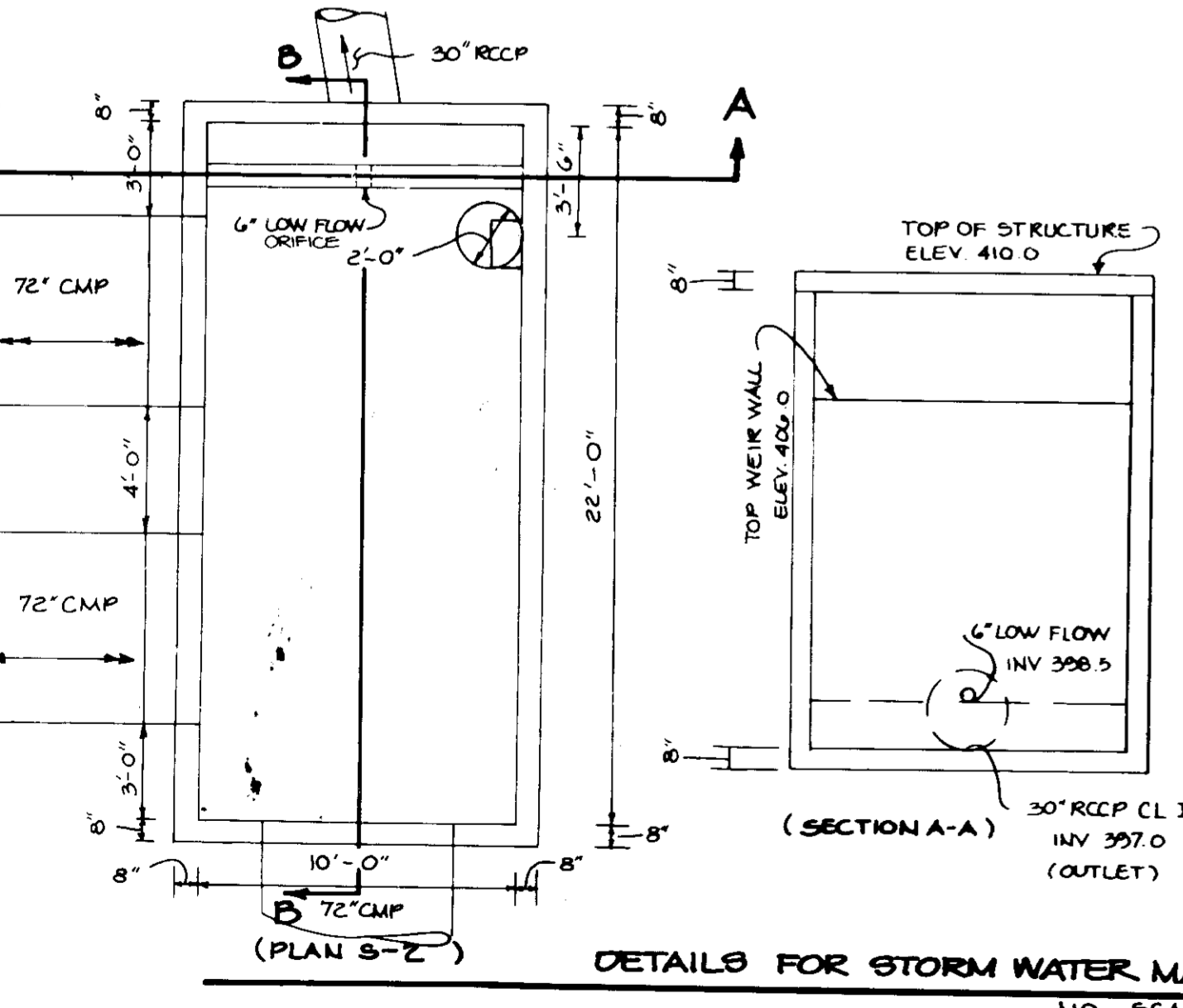
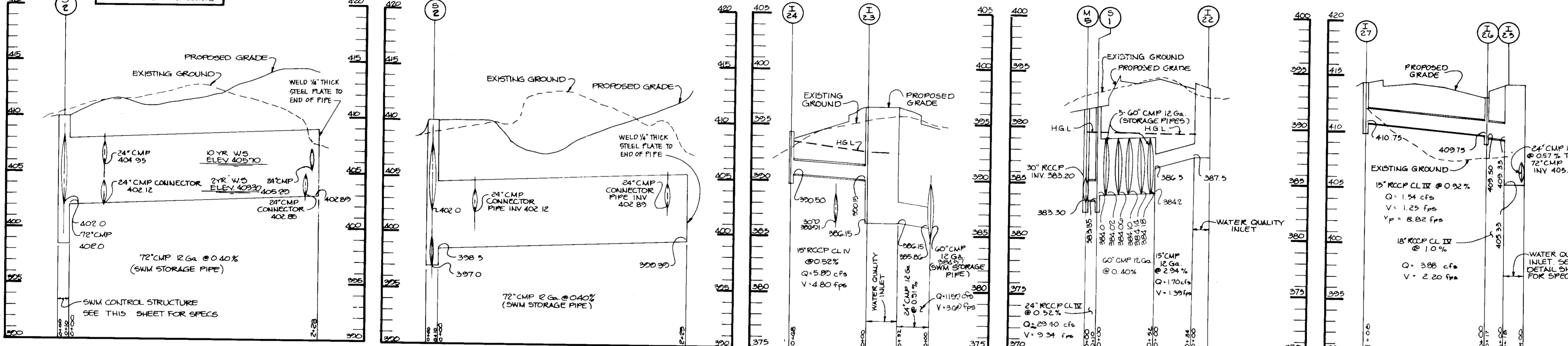
Thomas J. A. Wynn 5/16/91
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Ramon J. Chen 4/26/91
DIRECTOR DATE

William E. Muegge 4-26-91
CHIEF, BUREAU OF ENGINEERING DATE



NOTE TO CONTRACTOR:
 ALL UNDERGROUND PIPES THAT ARE TO BE USED FOR S.W.M. WILL HAVE WATERTIGHT CONNECTIONS



BY THE DEVELOPER:
 "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. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT."
 Developer: *James P. Kelly* DATE: 4/3/91

BY THE ENGINEER:
 "I CERTIFY THAT THIS PLAN FOR POND CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENTS A COMPLETE AND WORKABLE PLAN BASED ON MY PERSONAL EXAMINATION 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."
 Engineer: *Arthur E. Muegge* DATE: 4-3-91

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.
 Soil Conservation Service: *James M. Hahn* DATE: 4/17/91

THESE PLANS FOR SMALL POND CONSTRUCTION MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 Approved: *Robert J. Zeman* DATE: 4/17/91

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY DEPARTMENT.
 County Health Officer: *Joseph P. Kelly* DATE: 5-2-91

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
 Director: *Joseph P. Kelly* DATE: 5/3/91

CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT
Joseph P. Kelly DATE: 5/3/91

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 Director: *James P. Kelly* DATE: 4/26/91

CHIEF, BUREAU OF ENGINEERING
Arthur E. Muegge DATE: 4-26-91

OWNER/DEVELOPER
 STONEHENGE LIMITED PARTNERSHIP
 40 YORK ROAD
 TOWSON, MARYLAND 21204

PROJECT
THE ENCHANTED FOREST
 PARCEL 'A' AND PARCEL 'B'

AREA TAX MAP NO. 24 PARCELS 454, 564, 120, 68
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TITLE: **STORM DRAIN PROFILES
 S.W.M. DETAILS & PROFILES**

RIEMER MUEGGE & ASSOCIATES, INC.
 A Land Planning, Engineering and Consulting Firm
 3105 North Ridge Road Ellicott City, Maryland 21043
 301-461-2690 FAX: 301-750-3176

DATE: 4-3-91
 DESIGNED BY: C.J.R.
 DRAWN BY: D.B.S.
 PROJECT NO: 50008
 DATE: APRIL 3, 1991
 SCALE: AS SHOWN
 DRAWING NO. 15 OF 40

AS BUILT CERTIFICATION
 ENGINEER: _____
 PE # _____ DATE: _____

No.	Type	Location	Inv. In	Inv. Out	Top of Dam (15m elevation)	Remarks
1-1	A-5	See Plan	364.63	364.53	373.80	HO CO STD DET SD 4.01
1-2	A-10	See Plan	364.97/366.22	364.87	373.84	HO CO STD DET SD 4.02
1-3	Dbl-S w/Ret Grate	See Plan	371.88	371.78	*376.68	HO CO STD DET SD 4.23 & 4.93
1-4	Dbl-S w/Ret Grate	See Plan	375.75	375.65	375.75	HO CO STD DET SD 4.23 & 4.93
1-5	A-5	See Plan	365.85	365.75	374.95	HO CO STD DET SD 4.01
1-6	A-5	See Plan	367.53	367.03	375.40	HO CO STD DET SD 4.01
1-7	A-5	See Plan	369.65	369.55	376.40	HO CO STD DET SD 4.01
1-8	A-5	See Plan	371.34/370.69	370.59	378.40	HO CO STD DET SD 4.01
1-9	A-5	See Plan	374.09	373.34	378.10	HO CO STD DET SD 4.01
1-10	A-5	See Plan	374.55	374.45	378.15	HO CO STD DET SD 4.01
1-11	A-10	See Plan	-	-	378.20	HO CO STD DET SD 4.02
1-12	A-5	See Plan	384.23/381.37	381.27	388.00	HO CO STD DET SD 4.01
1-13	A-5	See Plan	386.07/382.79	382.69	389.10	HO CO STD DET SD 4.01
1-14	A-5	See Plan	384.98	384.15	388.00	HO CO STD DET SD 4.01
1-16	A-5 & H20 Qual	See Plan	355.55/359.55	355.55	*367.30/367.60	HO CO STD DET SD 4.01 - Det. Sht 24
1-17	S-1 Inlet w/Ret Grate	See Plan	360.00	360.00	*363.88	HO CO STD DET SD 4.22 & 4.93
1-18	A-5	See Plan	366.96	366.96	373.10	HO CO STD DET SD 4.01
1-19	S-1 Inlet w/Ret Grate	See Plan	361.25	361.15	*376.00	HO CO STD DET SD 4.22 & 4.93
1-21	A-10 & H20 Qual	See Plan	-	384.62	391.47/392.06	HO CO STD DET SD 4.02 - Det. Sht 24
1-22	A-5 & H20 Qual	See Plan	-	387.50	393.60/394.00	HO CO STD DET SD 4.01-Det. Sht 24
1-23	A-5 & H20 Qual	See Plan	390.15	386.15	397.10/397.48	HO CO STD DET SD 4.01-Det. Sht 24
1-24	A-5	See Plan	390.50	390.50	394.30	HO CO STD DET SD 4.01
1-25	A-5 & H20 Qual	See Plan	409.33	409.33	424.30/414.62	HO CO STD DET SD 4.01-Det. Sht 24
1-26	Dbl-S Cab w/Ret Grt	See Plan	409.75	409.50	*413.11	HO CO STD DET SD 4.34 & 4.93
1-27	A-5	See Plan	-	410.75	414.20	HO CO STD DET SD 4.01
1-28	A-5 & H20 Qual	See Plan	-	405.01	413.60/413.94	HO CO STD DET SD 4.01-Det. Sht 24
1-29	A-5 & H20 Qual	See Plan	-	402.92	414.10/414.47	HO CO STD DET SD 4.01-Det. Sht 24
1-31	C&G-20	See Plan	355.99/356.47	355.99	355.99/356.47	MSHA STD DET MD-374.51
1-32	S-1 Inlet	See Plan	358.70	358.70	358.70	MSHA STD DET MD-374.51
1-33	C&G-10	See Plan	358.70	358.70	358.70	MSHA STD DET MD-374.51
1-34	C&G-20	See Plan	358.70	358.70	358.70	MSHA STD DET MD-374.51
1-35	C&G-15	See Plan	360.51	360.51	360.51	MSHA STD DET MD-374.51
1-36	C&G-15	See Plan	360.51	360.51	360.51	MSHA STD DET MD-374.51
1-38	S-1 Inlet	See Plan	362.41/361.05	361.19	*369.00	MSHA STD DET MD-374.51
1-39	C&G-10	See Plan	362.41/361.05	361.19	361.19	MSHA STD DET MD-374.51
1-40	STD W/R	See Plan	374.74	374.74	*376.52	MSHA STD DET MD-374.51 CAST IN PLACE
1-41	STD W/R	See Plan	380.50	380.50	*384.30	MSHA STD DET MD-374.51 CAST IN PLACE
1-42	C&G-10	See Plan	368.51	368.51	374.76	MSHA STD DET MD-374.51
1-43	C&G-10	See Plan	377.56	377.56	383.55	MSHA STD DET MD-374.51
1-44	C&G-20	See Plan	383.50	383.50	390.40/391.01	MSHA STD DET MD-374.51
1-45	C&G-15	See Plan	384.95	384.95	392.08/392.55	MSHA STD DET MD-374.51
1-46	C&G-15	See Plan	374.97	374.97	370.62	MSHA STD DET MD-374.51 MODIFIED****
1-47	C&G-15	See Plan	375.50	375.50	380.18	MSHA STD DET MD-374.51 MODIFIED****
1-48	C&G-15	See Plan	384.12	384.12	393.03/394.98	MSHA STD DET MD-374.51
1-49	C&G-20	See Plan	386.96	386.96	395.40/398.00	MSHA STD DET MD-374.51
1-50	C&G-15	See Plan	387.41	387.41	392.67/398.10	MSHA STD DET MD-374.51
1-51	C&G-20	See Plan	391.97	391.97	401.74/402.32	MSHA STD DET MD-374.51
1-52	C&G-20	See Plan	351.29	351.29	357.00	MSHA STD DET MD-374.51
M-1	5'-0" DIA Precast MH	See Plan	372.22/357.99	372.22	375.00	HO CO STD DET SD 05.13
M-2	5'-0" DIA Precast MH	See Plan	372.50	372.50	377.20 EX. GR.	MSHA STD DET MD-383.21
M-3	5'-0" DIA Precast MH	See Plan	382.48	382.48	390.90	MSHA STD DET MD-383.21
M-4	5'-0" DIA Precast MH	See Plan	383.20/384.47	383.20	391.78	HO CO STD DET SD 05.13
M-5	4'-0" DIA Precast MH	See Plan	385.02/384.85	384.85	389.58	HO CO STD DET SD 05.12
M-6	4'-0" DIA Precast MH	See Plan	386.93/387.04	386.85	389.80	HO CO STD DET SD 05.12
M-7	4'-0" DIA Precast MH	See Plan	386.63/386.63	386.54	389.90	HO CO STD DET SD 05.12
M-8	4'-0" DIA Precast MH	See Plan	385.09	385.09	387.70 EX. GR.	HO CO STD DET SD 05.12
M-9	4'-0" DIA Precast MH	See Plan	377.59	377.59	382.70	HO CO STD DET SD 05.12
M-10	4'-0" DIA Precast MH	See Plan	356.50/353.13	353.03	355.10	HO CO STD DET SD 05.03
M-11	BRICK MH	See Plan	356.50/353.13	353.03	358.40	HO CO STD DET SD 05.13
M-12	5'-0" DIA Precast MH	See Plan	385.48	385.43	394.14	MSHA STD DET MD-383.00
M-13	Std. Shallow MH	See Plan	-	-	-	-
S-1	Modified Manhole	See Plan	384.00	383.35	391.92	SEE SHEET 15
S-2	S&W Control Structure	See Plan	2-402.00/398.50	397.00	410.00	SEE SHEET 15
E-1	30" Conc. End Sec	See Plan	-	349.50	-	HO CO STD DET SD 5.51
E-2	30" Conc. End Sec	See Plan	-	372.00	-	HO CO STD DET SD 5.81
E-3	Type A Headwall	See Plan	-	349.13	-	HO CO STD DET SD 5.41
E-4	MOO TYPE 'C' HEADWALL	See Plan	-	347.50	-	MSHA STD DET MD 354.01
E-6	TYPE 'A' HEADWALL	See Plan	-	352.80	-	HO CO STD DET SD 5.11

*** MODIFICATION:
BASE UNIT HEIGHT LESS THAN SHOWN ON STD DETAIL FOR CLEARANCE FROM EX. 20" WATER MAIN.

**** MODIFICATION:
BASE UNIT HEIGHT LESS THAN SHOWN ON STD DETAIL BASED ON INVERT OF EX. STORM DRAIN.

AS BUILT CERTIFICATE
J. Muegge
ARTHUR E. MUEGGE #8707
DATE 2.18.94

BY THE DEVELOPER:
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. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT."

DATE 4.3.94
DEVELOPER

BY THE ENGINEER:
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."

DATE 4.3.94
ENGINEER

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.

DATE 4/17/94
SOIL CONSERVATION SERVICE

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

DATE 4/17/94
HOWARD S.C.

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

DATE F-2-94
COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

DATE 5/13/94
DIRECTOR

DATE 5/5/94
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

DATE 4.26.94
DIRECTOR

DATE 4.26.94
CHIEF, BUREAU OF ENGINEERING

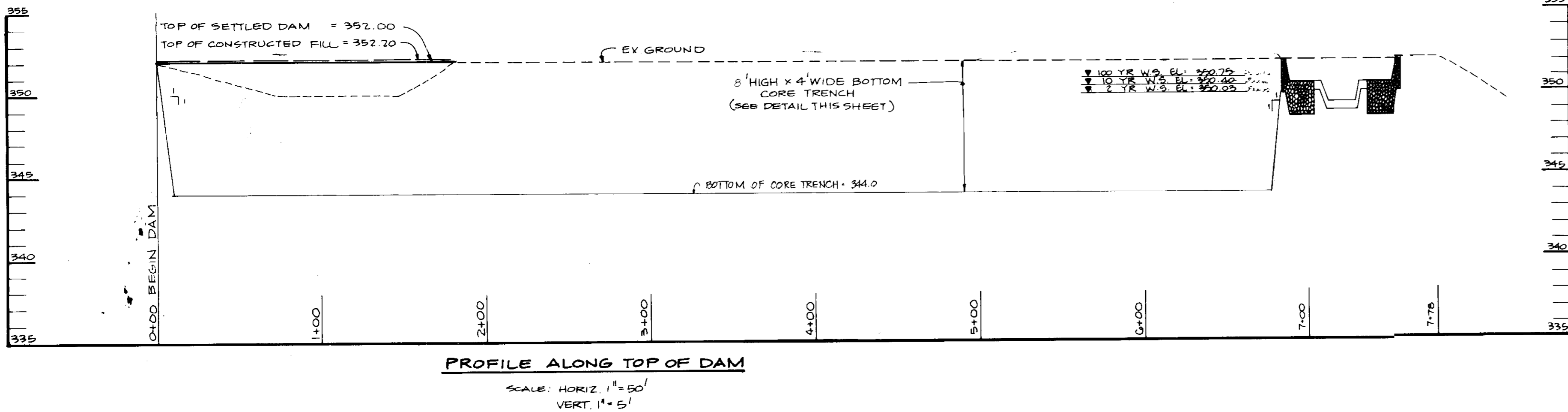
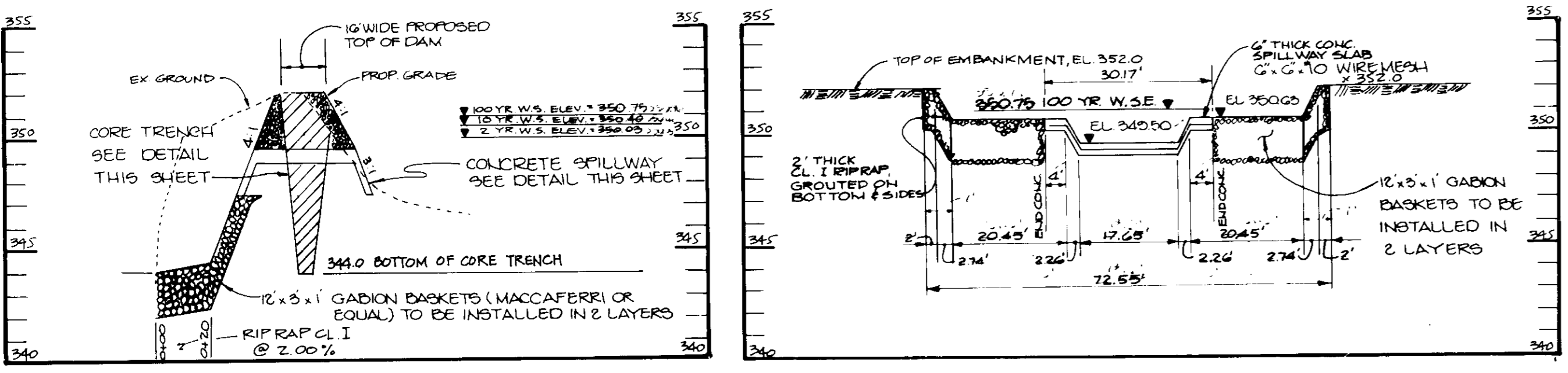
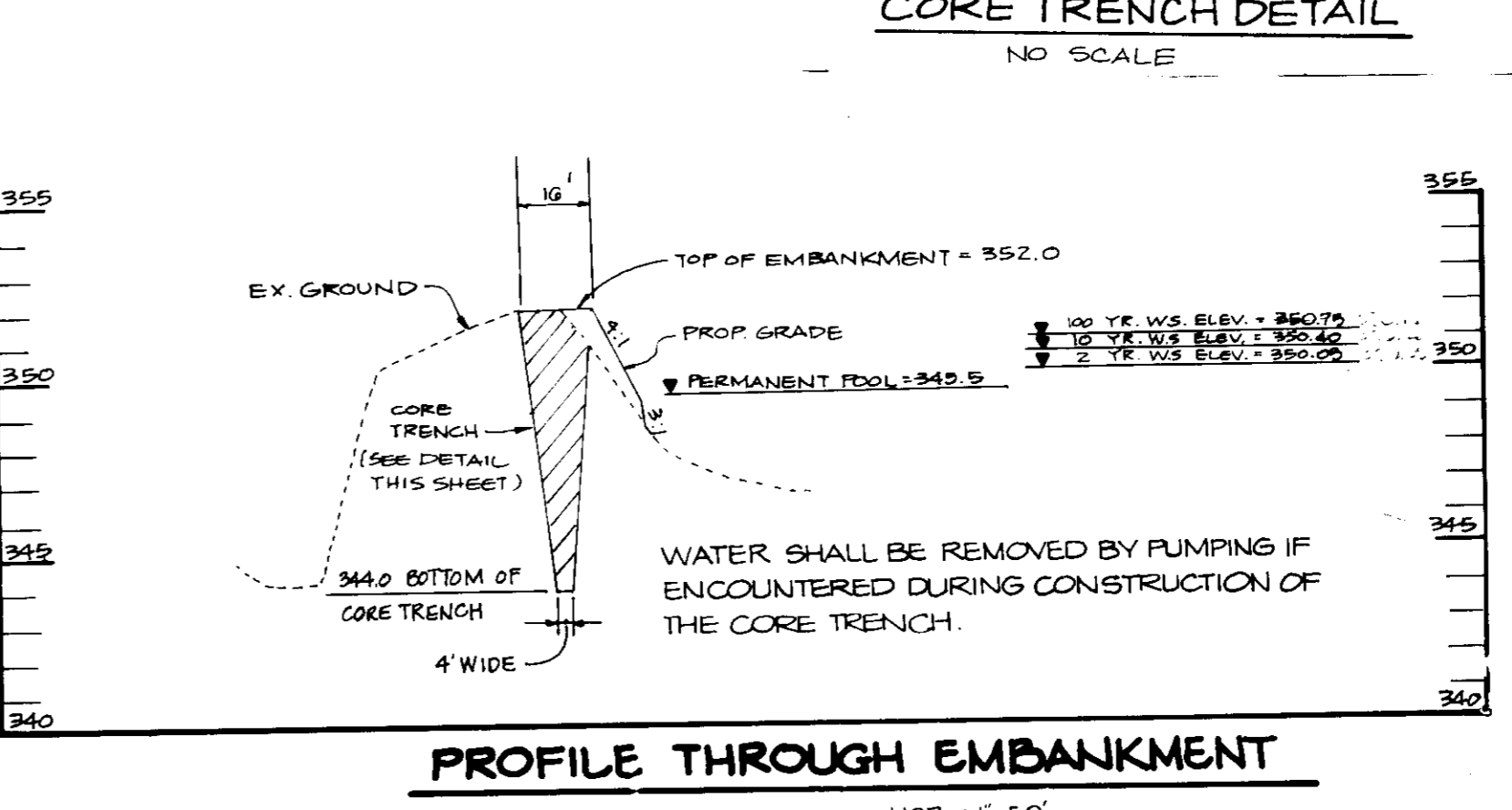
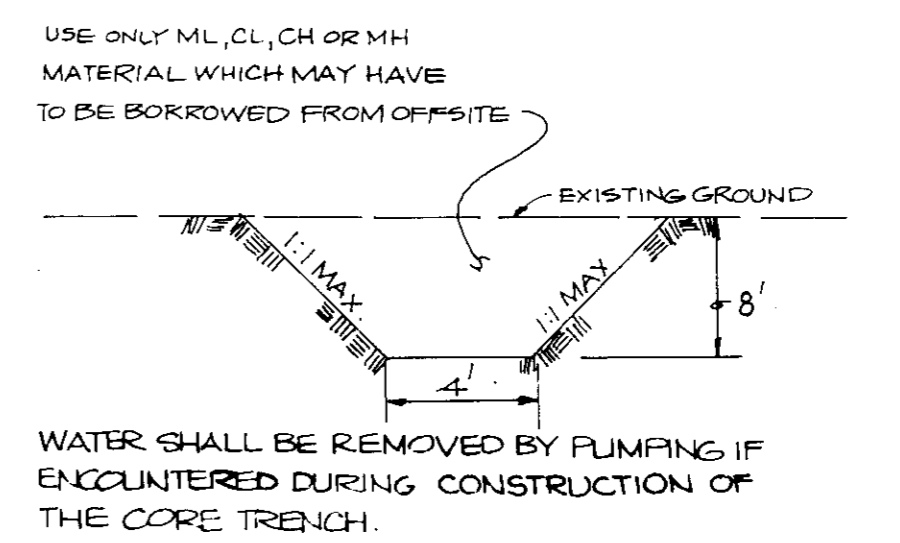
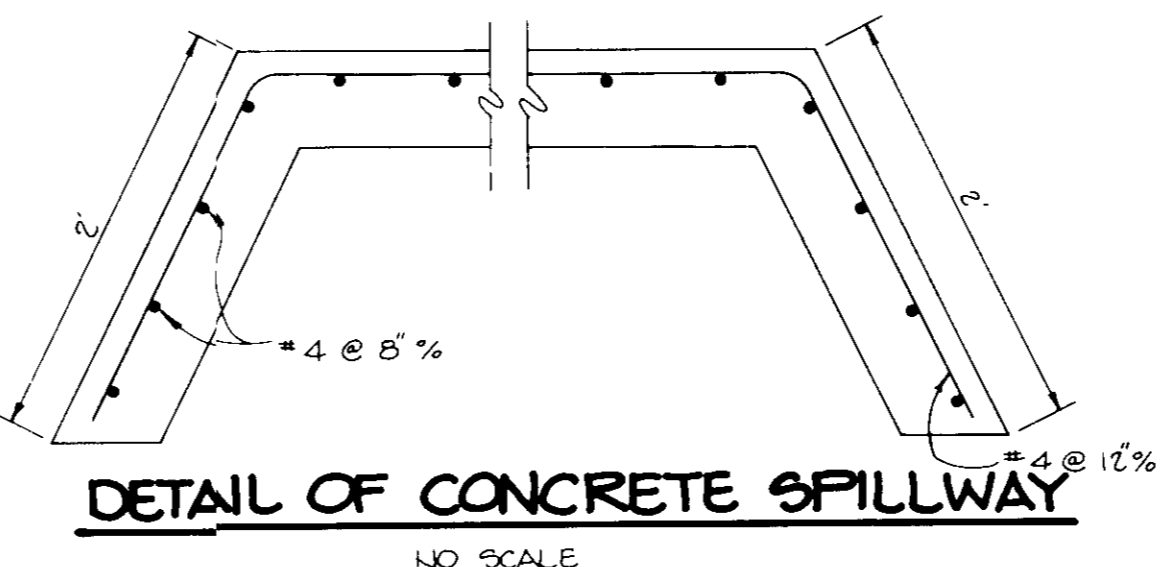
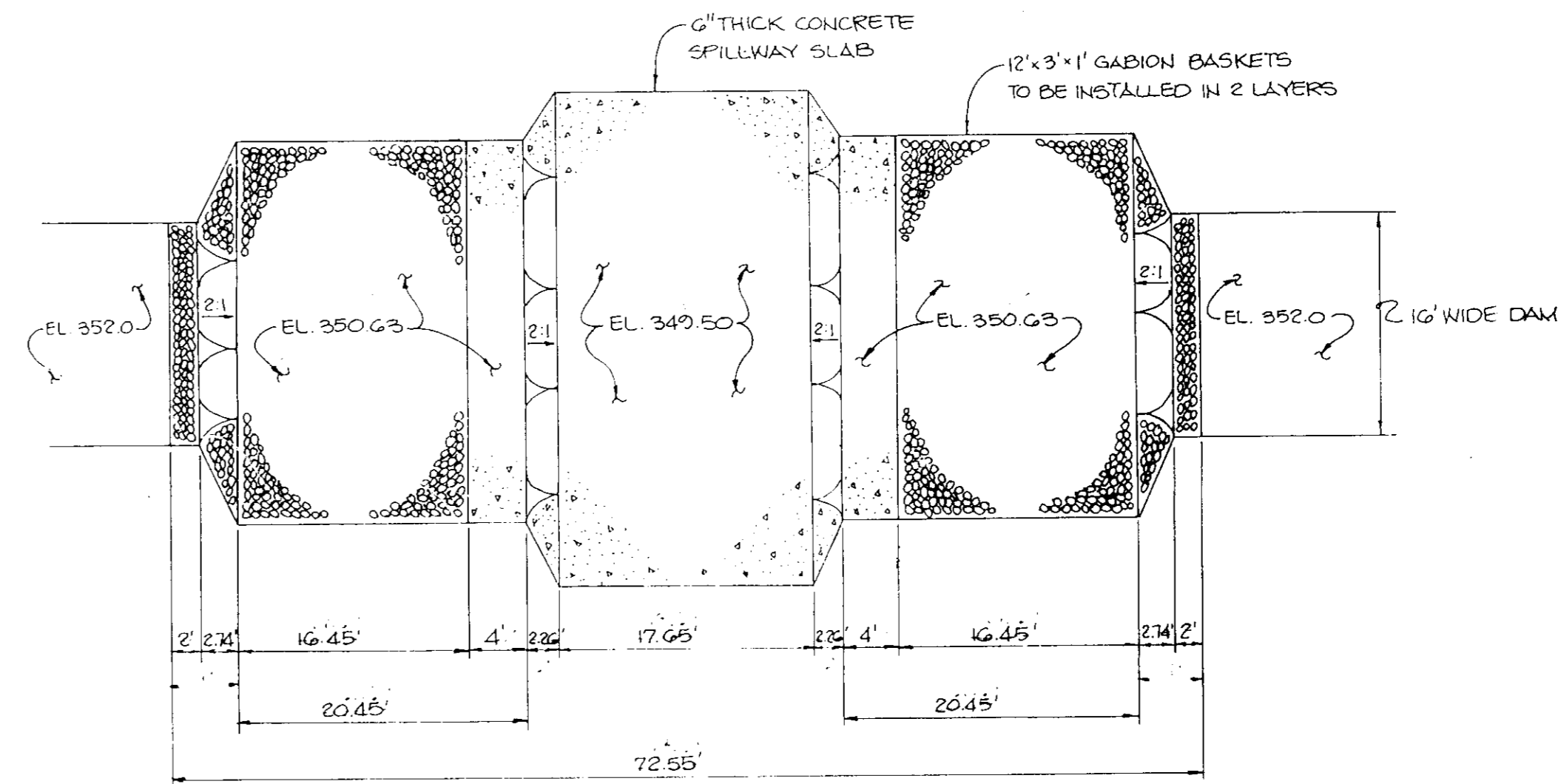
10/28/01 REVISED STRUCTURE SCHEDULE
DATE NO. REVISION
OWNER/DEVELOPER
STONEHENGE LIMITED PARTNERSHIP
40 YORK ROAD
TOWSON MARYLAND 21204

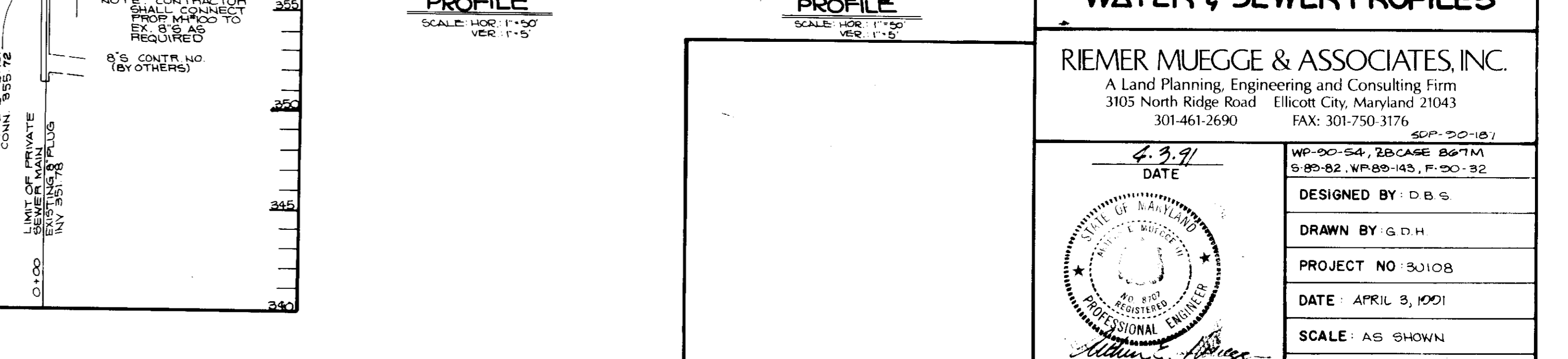
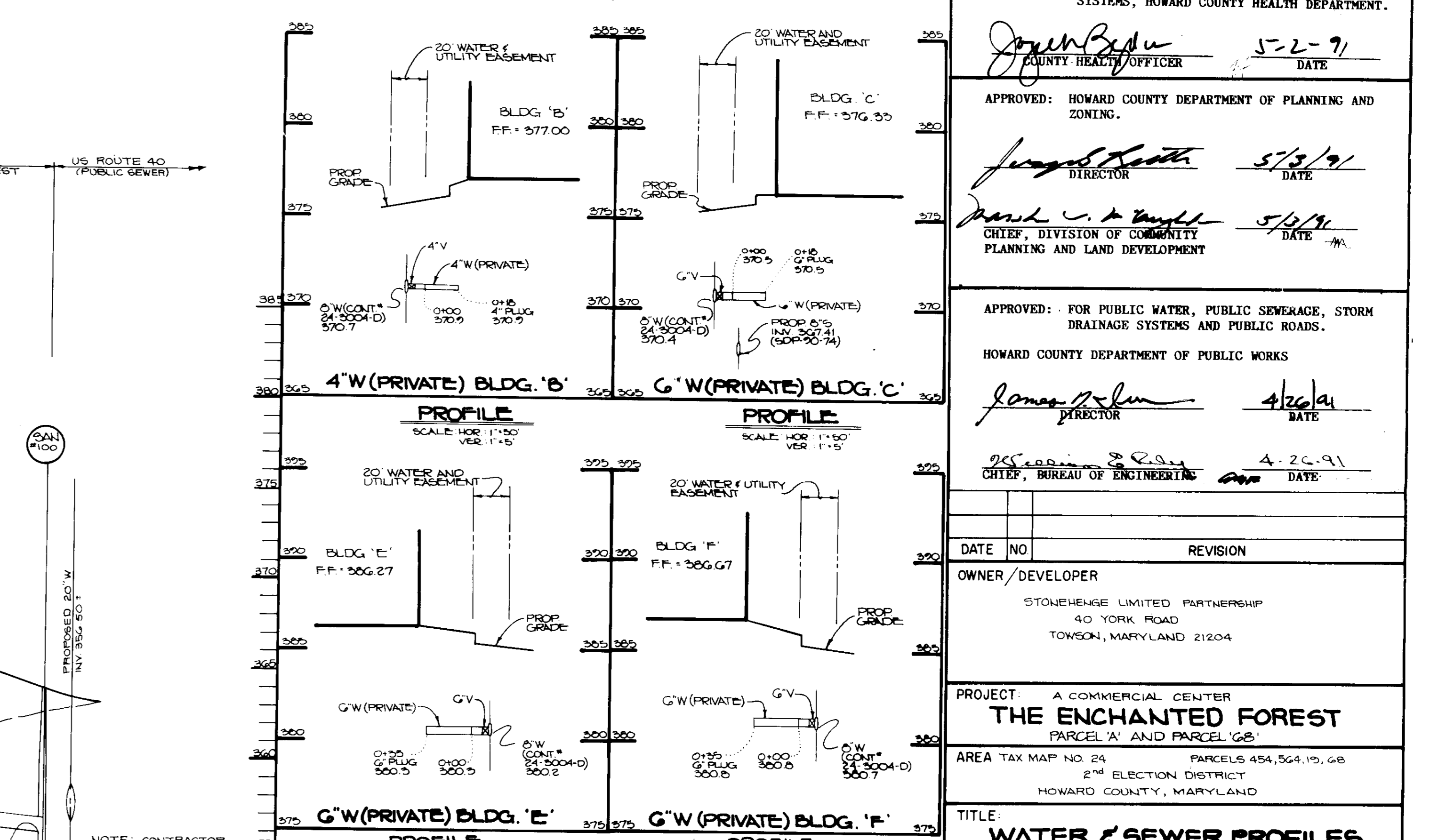
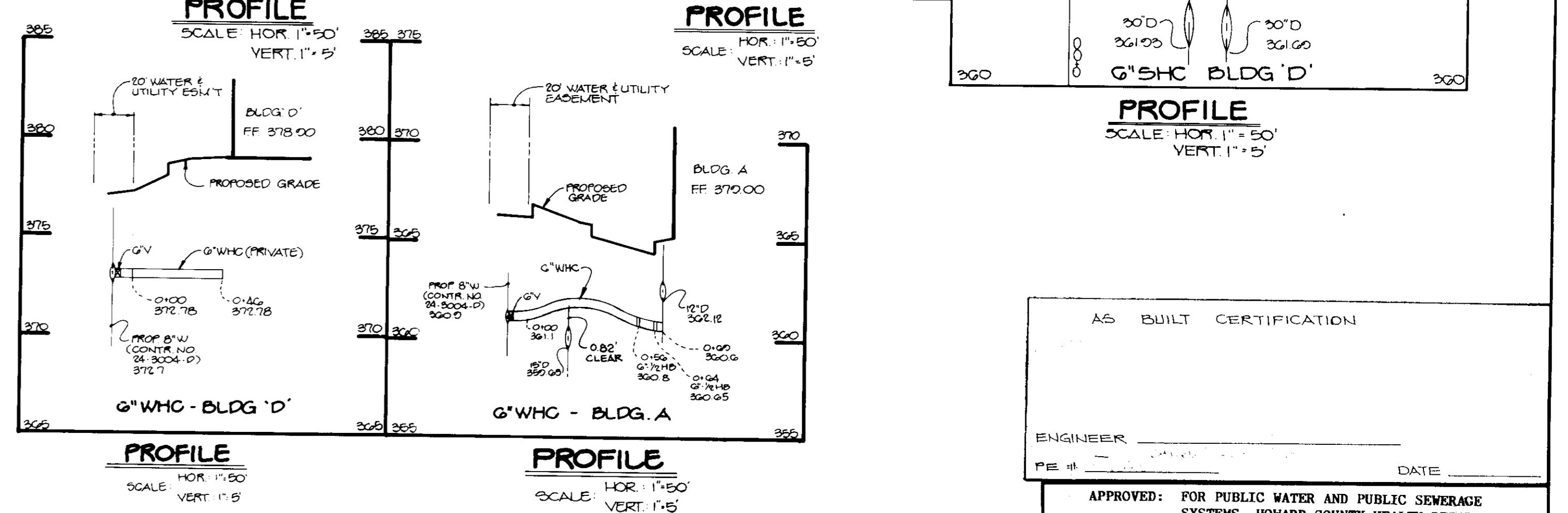
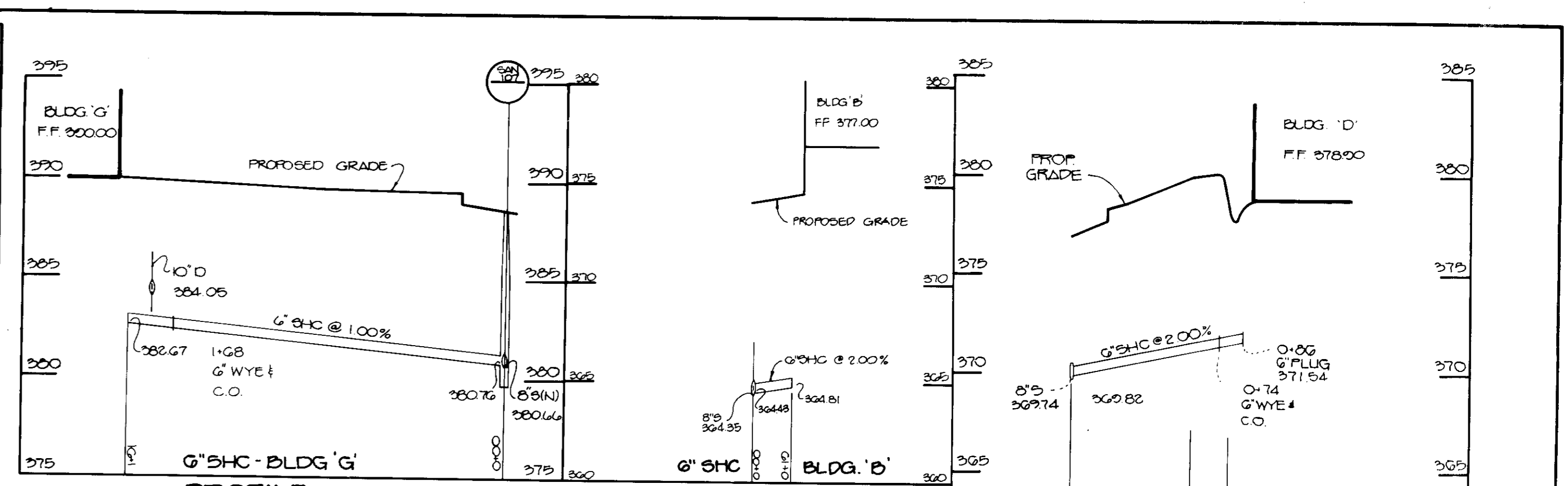
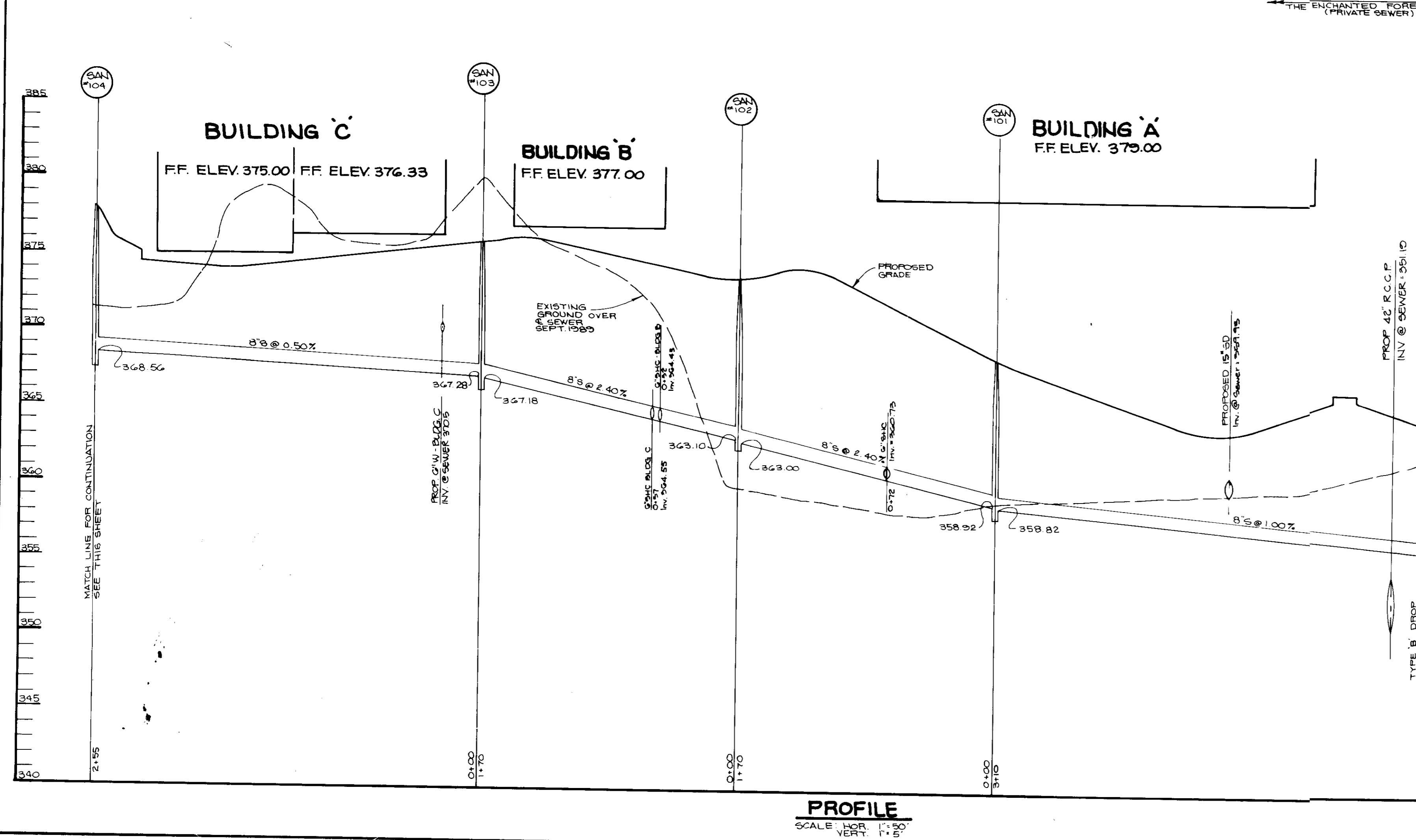
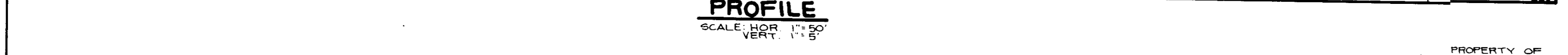
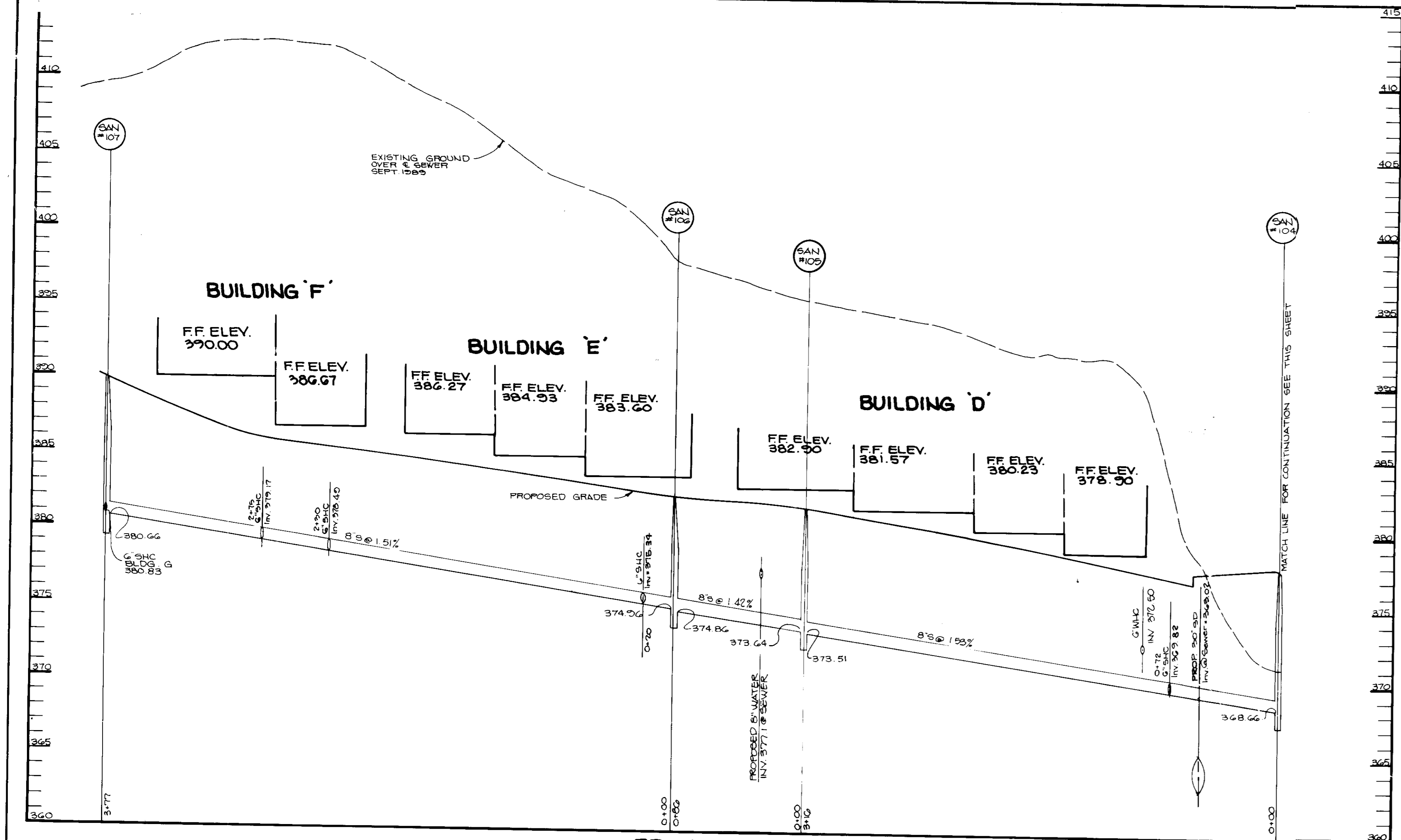
PROJECT: A COMMERCIAL CENTER
THE ENCHANTED FOREST
PARCEL 'A' & PARCEL 'B'
AREA TAX MAP NO. 24 PARCELS 454, 564, 19, 68
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE: SWM PROFILES, DETAILS AND STRUCTURE SCHEDULE

RIEMER MUEGGE & ASSOCIATES, INC.
A Land Planning, Engineering and Consulting Firm
3105 North Ridge Road Ellicott City, Maryland 21043
301-461-2690 FAX: 301-750-3176

DATE 4.3.94
DESIGNED BY: D.F.
DRAWN BY: J.L.B.
PROJECT NO: 3-0108
DATE APRIL 3, 1991
SCALE: AS SHOWN
DRAWING NO. 16 OF 40





AS BUILT CERTIFICATION

ENGINEER: _____ DATE: _____

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

Joseph B. ... COUNTY HEALTH OFFICER 5-2-91 DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

James ... DIRECTOR 5/3/91 DATE

APPROVED: CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT.

David ... 5/4/91 DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James ... DIRECTOR 4/26/91 DATE

APPROVED: CHIEF, BUREAU OF ENGINEERING.

James ... 4-26-91 DATE

DATE NO. REVISION

OWNER/DEVELOPER

STONEHENGE LIMITED PARTNERSHIP
40 YORK ROAD
TOWSON, MARYLAND 21284

PROJECT: A COMMERCIAL CENTER
THE ENCHANTED FOREST
PARCEL 'A' AND PARCEL 'G'S'

AREA TAX MAP NO. 24 PARCELS 454, 564, 19, 68
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE: **WATER & SEWER PROFILES**

RIEMER MUEGGE & ASSOCIATES, INC.
A Land Planning, Engineering and Consulting Firm
3105 North Ridge Road Ellicott City, Maryland 21043
301-461-2690 FAX: 301-750-3176

DATE: 6-9-91

DESIGNED BY: D.B.S.

DRAWN BY: G.D.H.

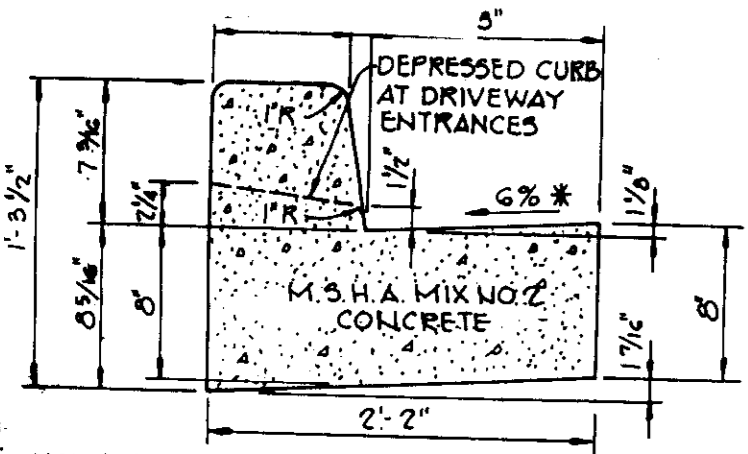
PROJECT NO: 31108

DATE: APRIL 3, 1991

SCALE: AS SHOWN

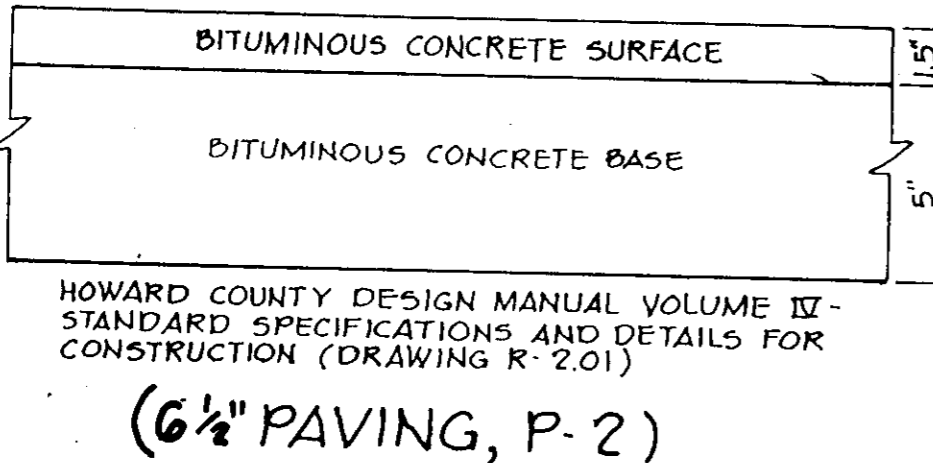
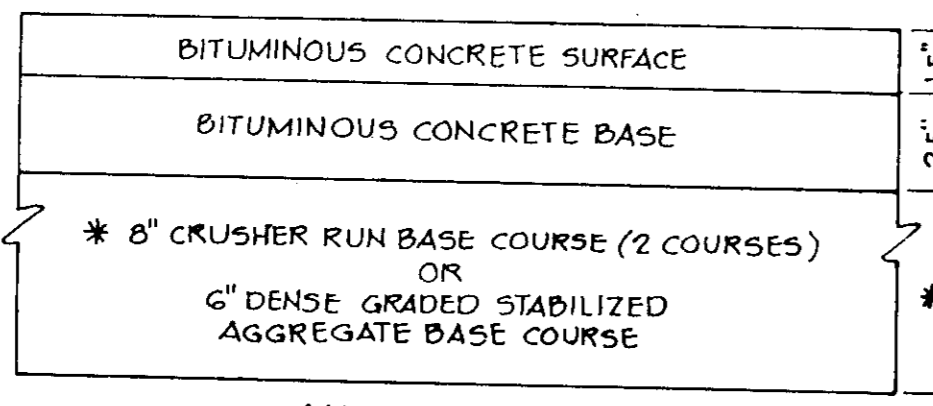
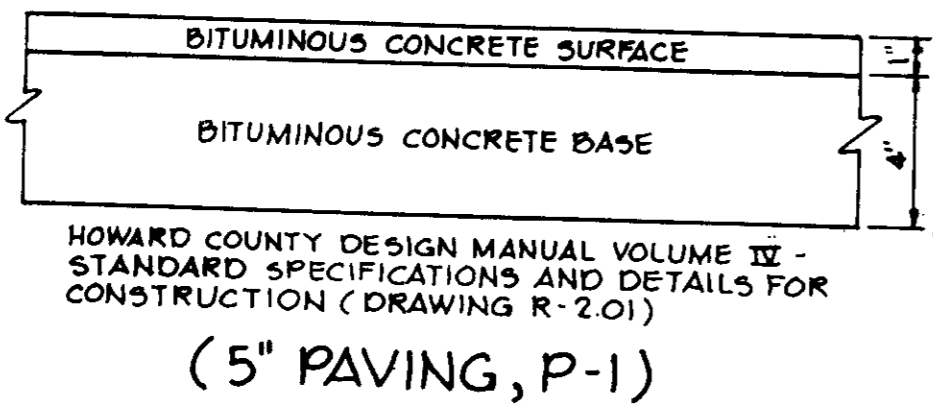
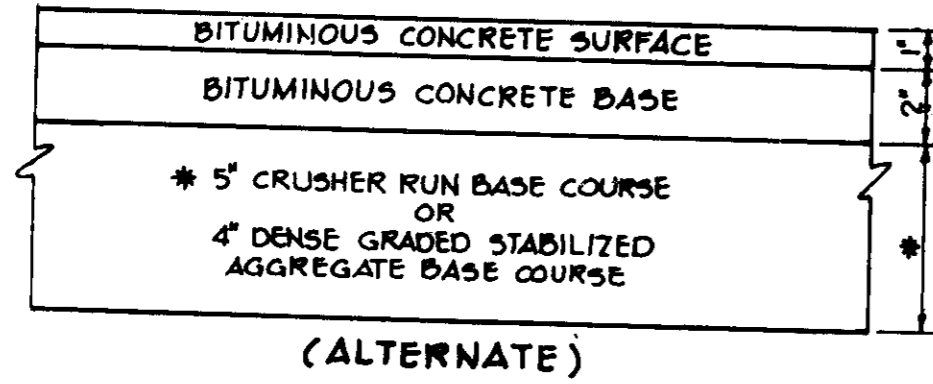
DRAWING NO. 17 OF 40

SDP-90-74

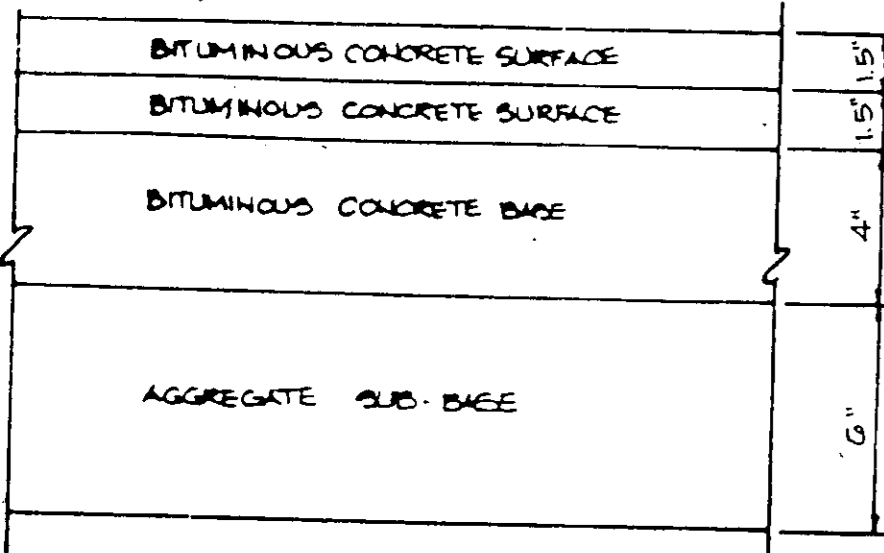


HOWARD COUNTY DESIGN MANUAL VOLUME IX - STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (DRAWING R-3.01)
 * GUTTER PAN AT THE MEDIAN EDGE OF INTERMEDIATE ARTERIALS OR THE HIGH SIDE OF SUPERELEVATED SECTIONS SHALL BE SLOPED AT THE SAME RATE AS THE PAVEMENT.

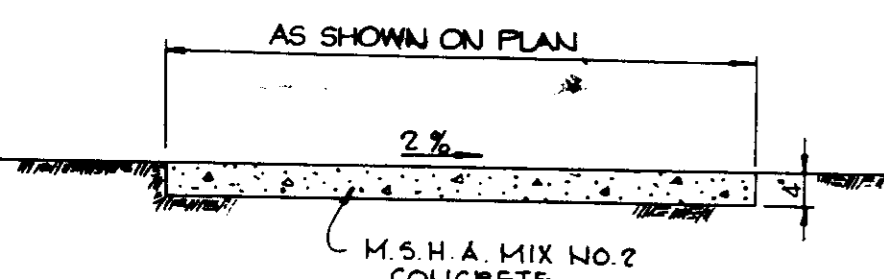
TYPE 'A' COMBINATION CURB AND GUTTER
 NO SCALE



STANDARD 7\"/>



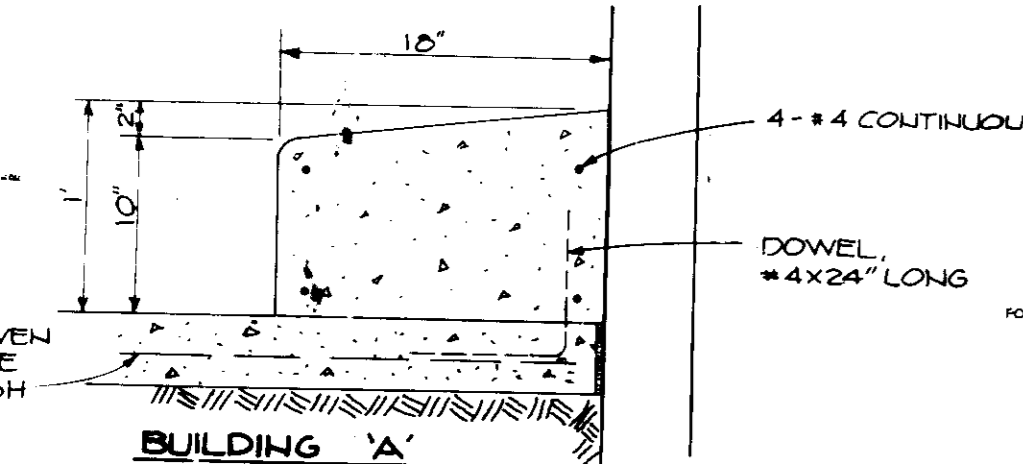
M.S.H.A. PAVING SECTION
 NO SCALE



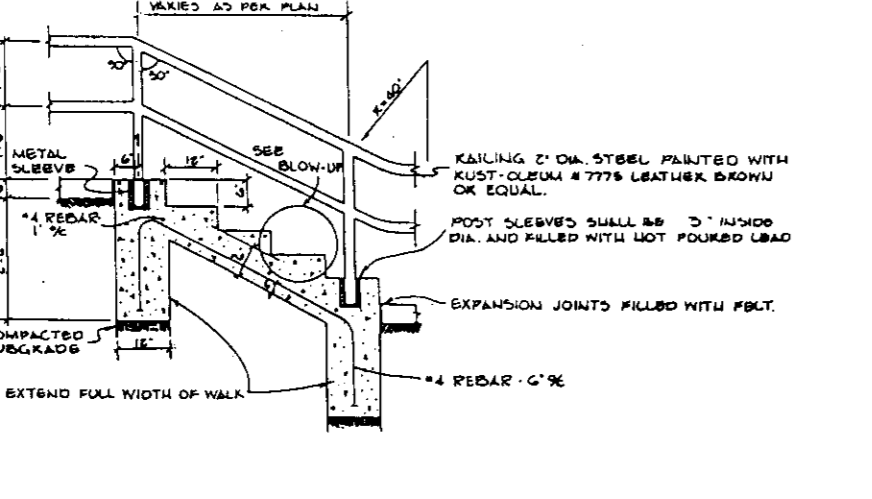
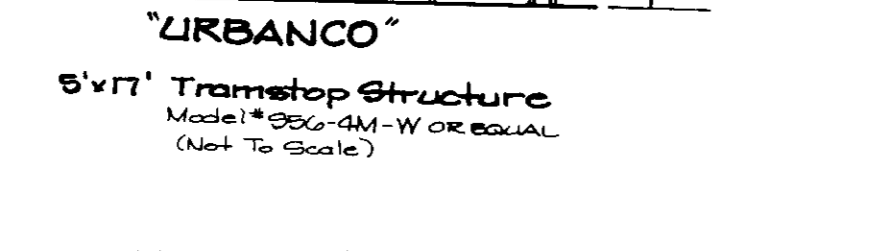
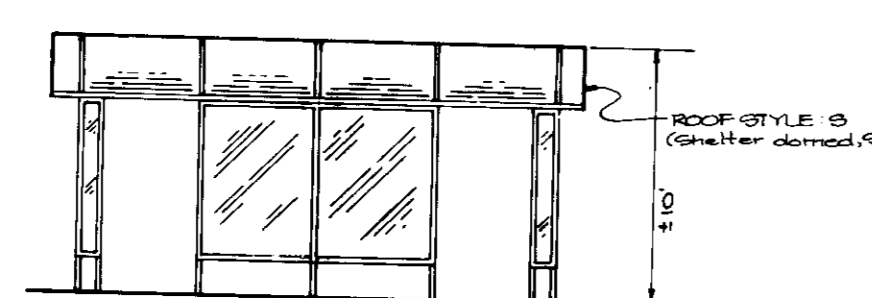
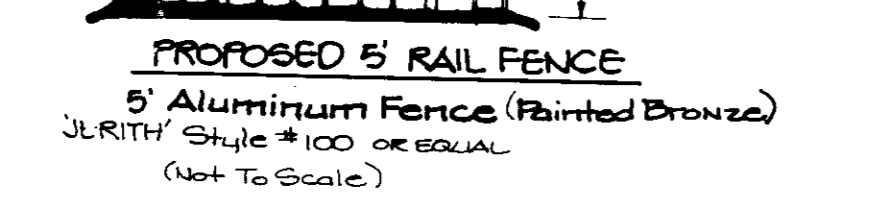
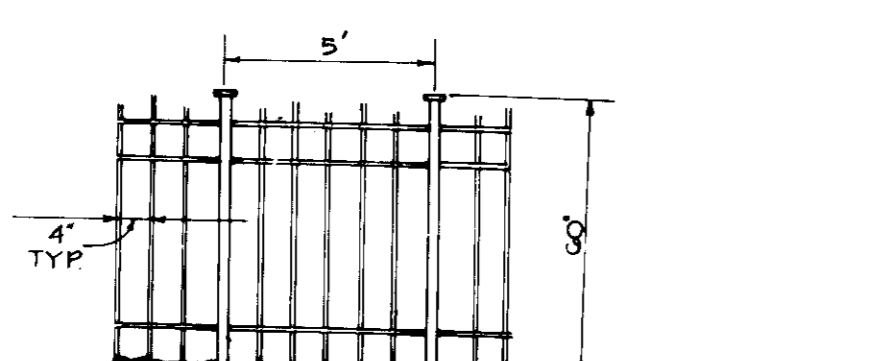
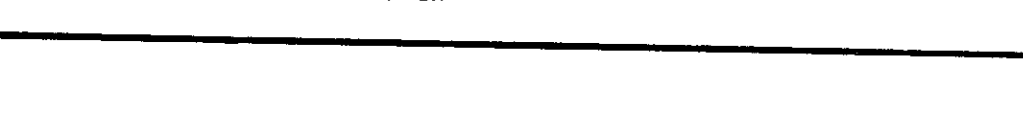
SIDEWALK DETAIL
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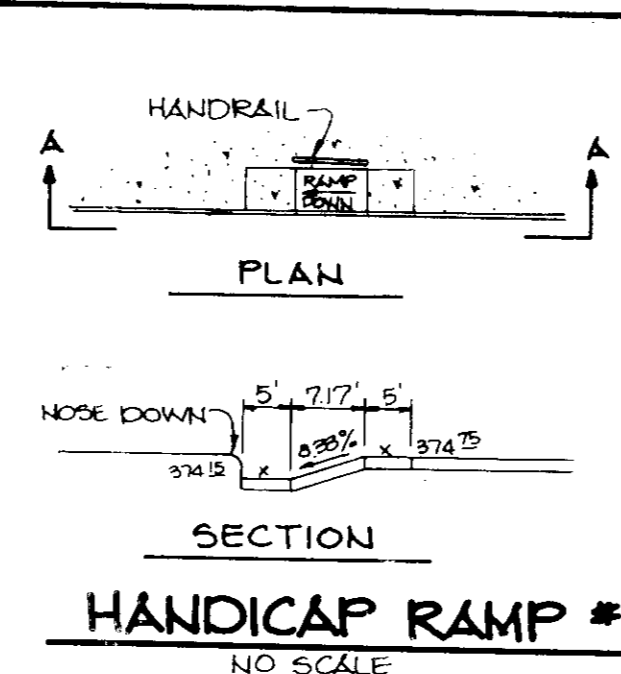
HANDICAP SIGN DETAIL
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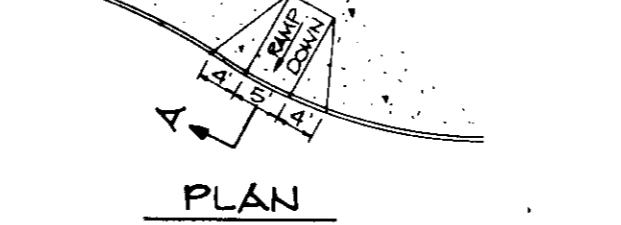
CONCRETE CURB AT LOADING DOCK
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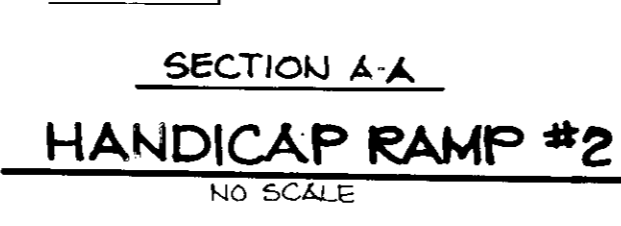
HAND RAIL DETAIL
 (NO SCALE)



HANDICAP RAMP #1
 NO SCALE



HANDICAP RAMP #2
 NO SCALE



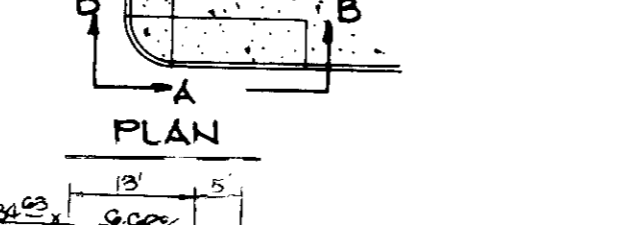
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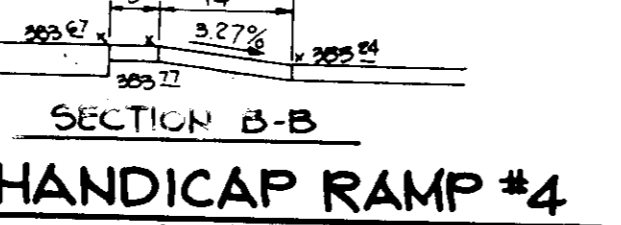
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HANDICAP RAMP #5
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HANDICAP RAMP #6
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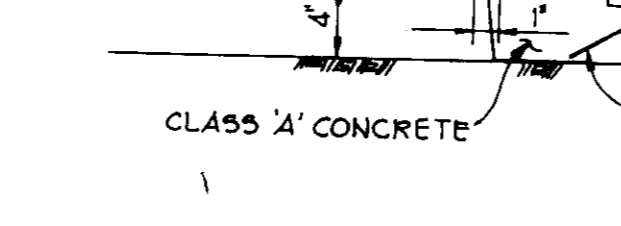
HANDICAP RAMP #7
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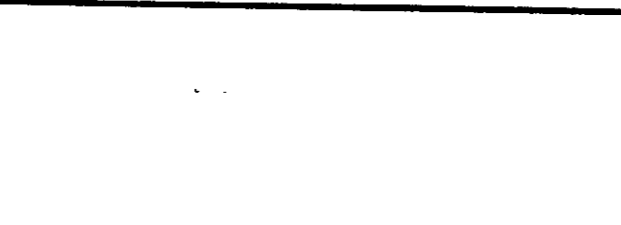
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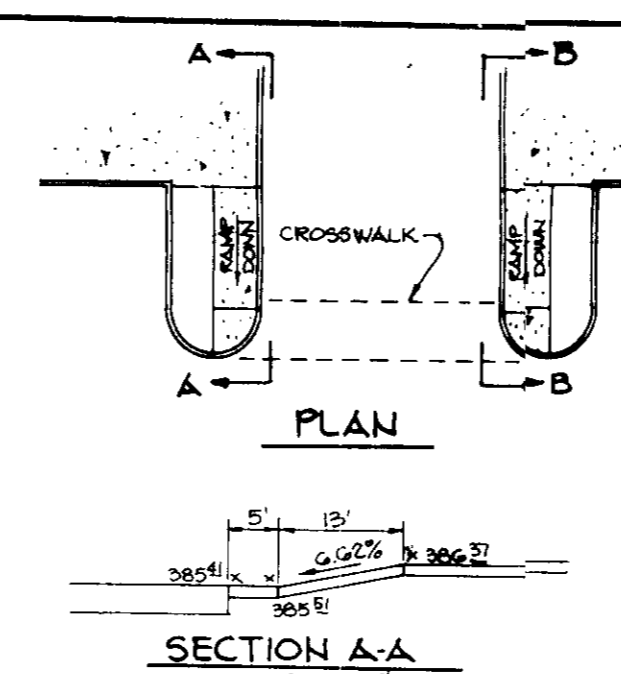
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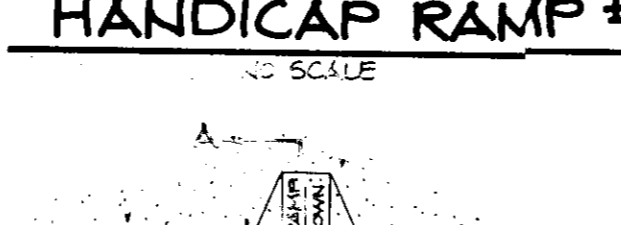
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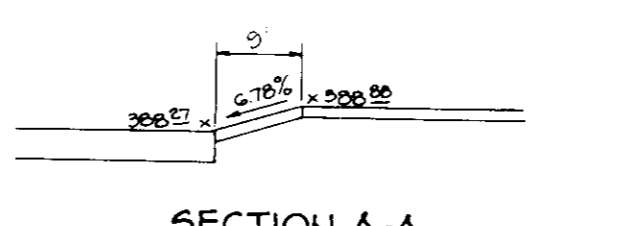
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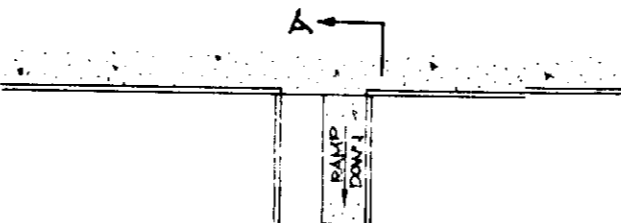
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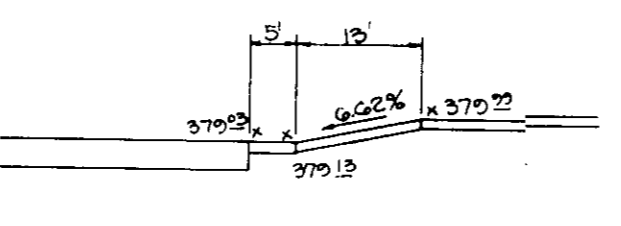
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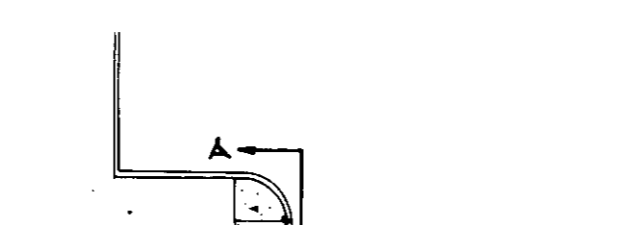
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HANDICAP RAMP #15
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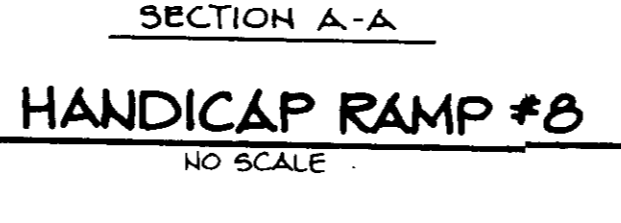
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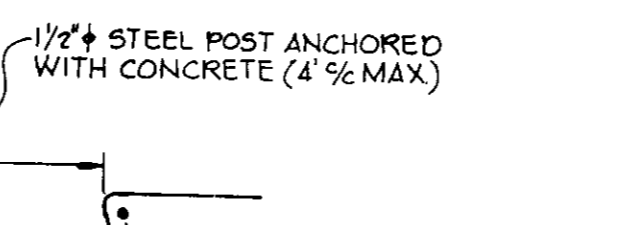
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HANDICAP RAMP #18
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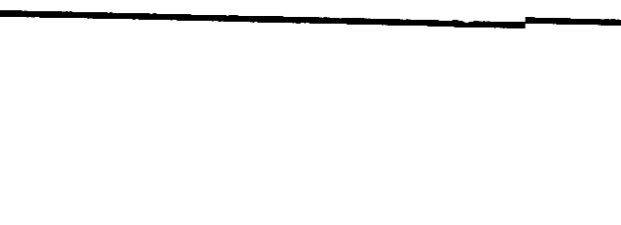
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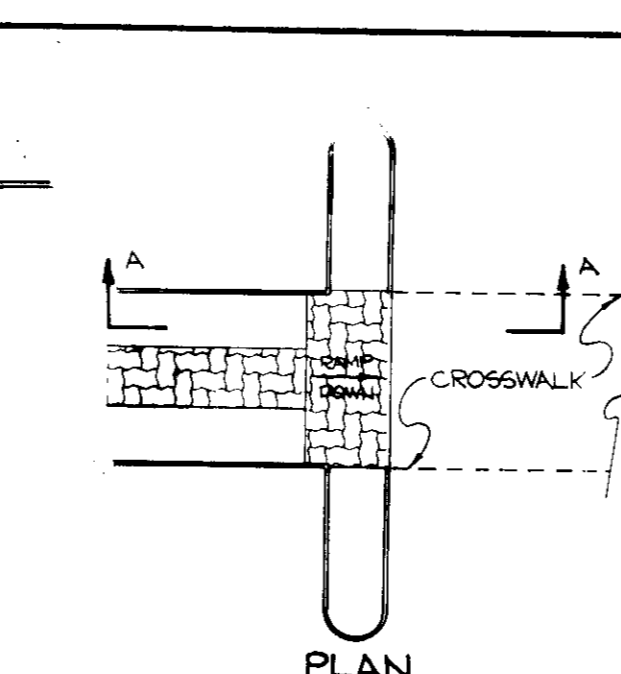
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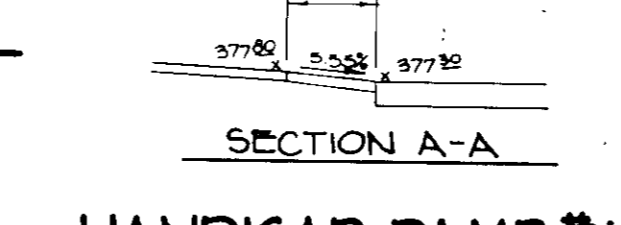
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HANDICAP RAMP #22
 NO SCALE



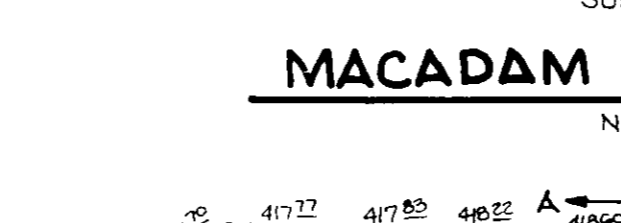
MACADAM PATHWAY DETAIL
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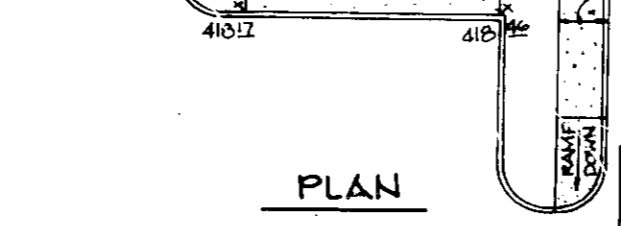
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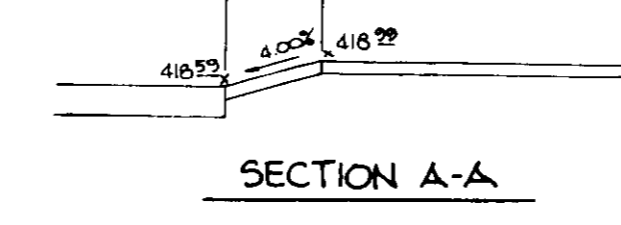
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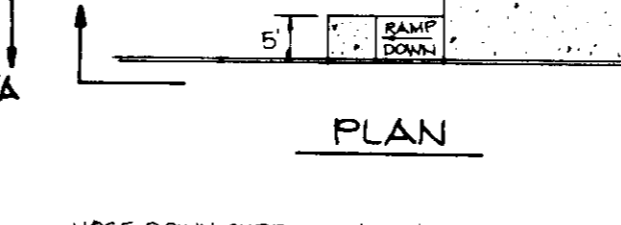
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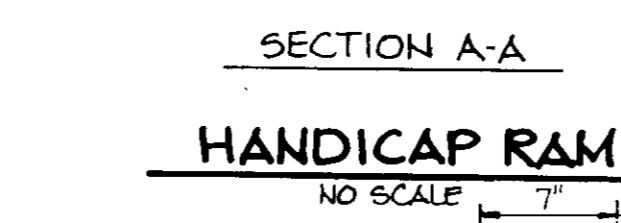
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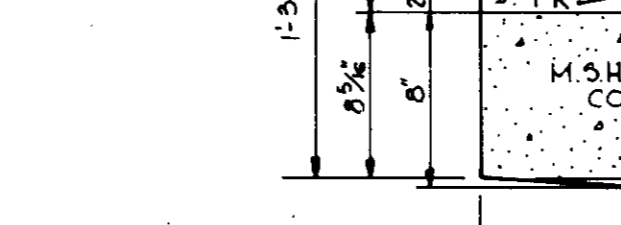
MACADAM PATHWAY DETAIL
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MACADAM PATHWAY DETAIL
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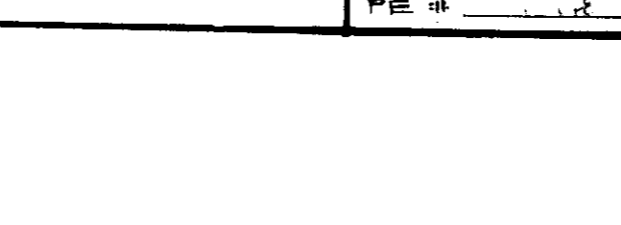
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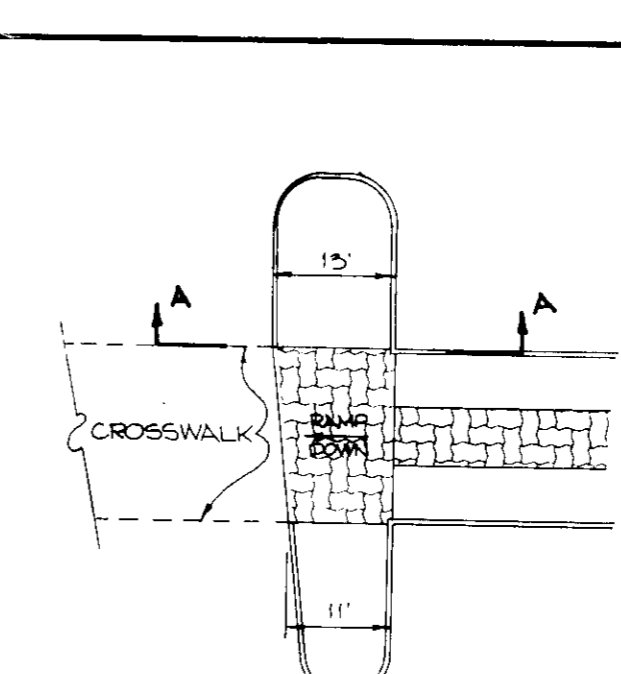
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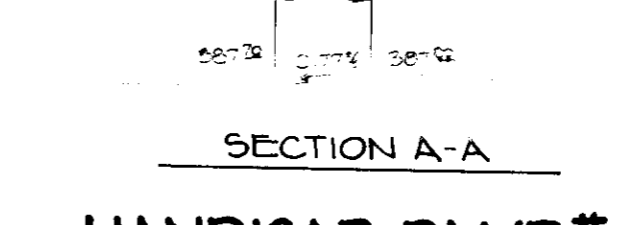
MACADAM PATHWAY DETAIL
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MACADAM PATHWAY DETAIL
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REVERSE 7\"/>



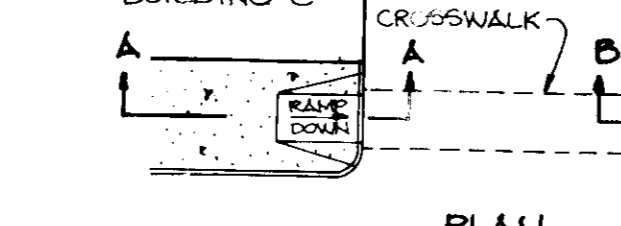
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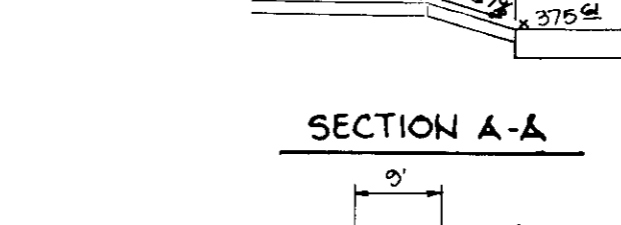
REVERSE 7\"/>



REVERSE 7\"/>



REVERSE 7\"/>



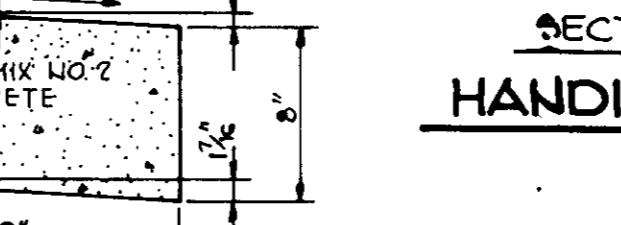
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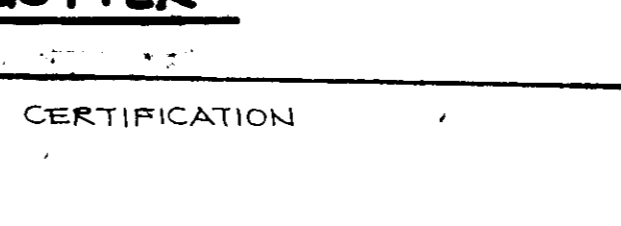
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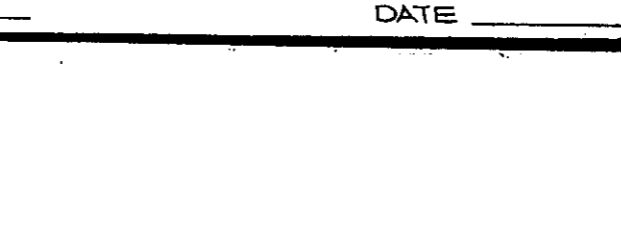
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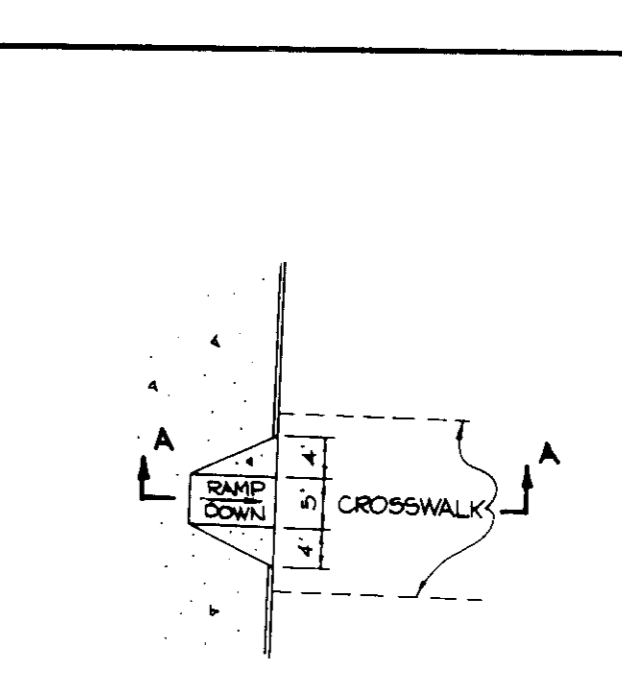
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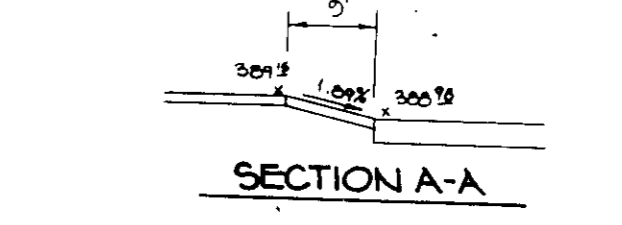
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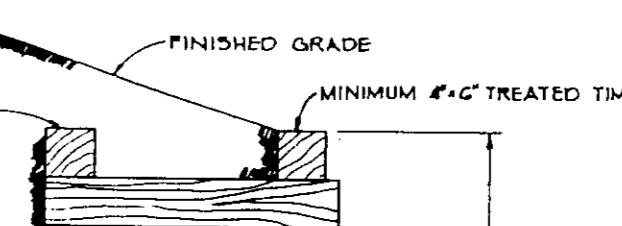
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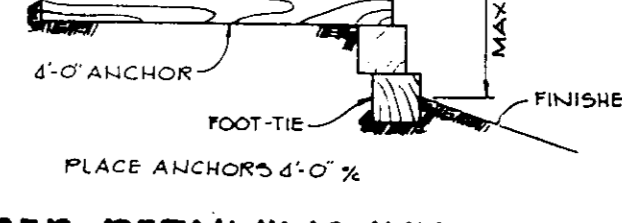
TIMBER RETAINING WALL
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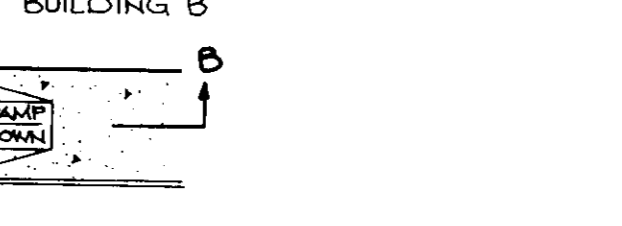
TIMBER RETAINING WALL
 No Scale



TIMBER RETAINING WALL
 No Scale



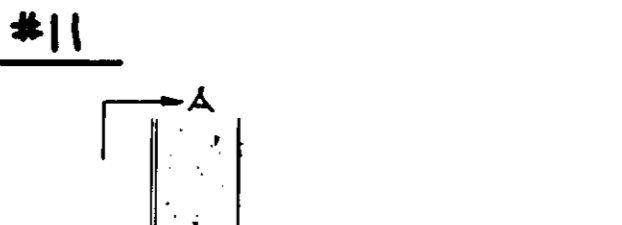
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TIMBER RETAINING WALL
 No Scale



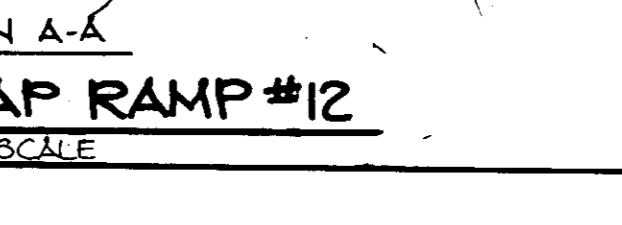
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 No Scale



TIMBER RETAINING WALL
 No Scale



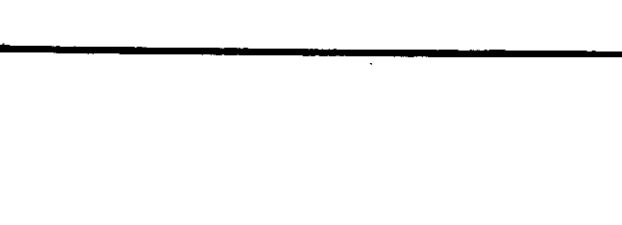
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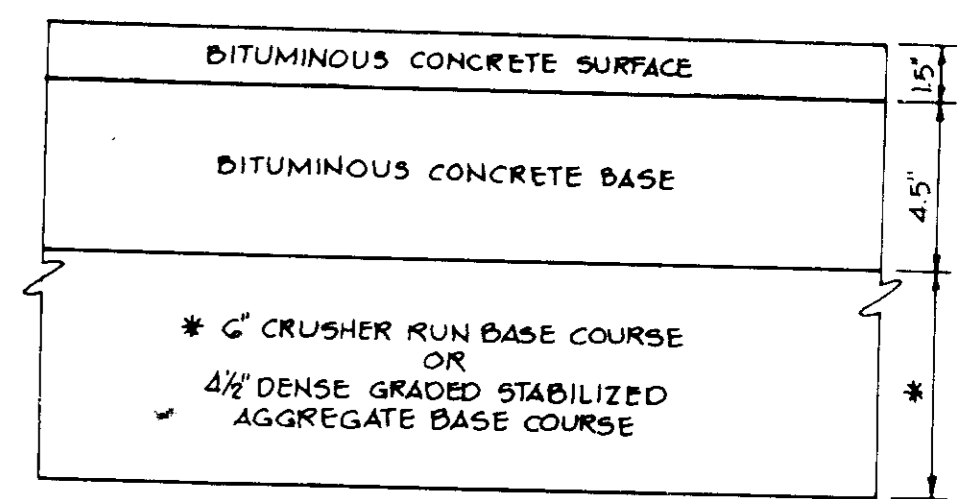
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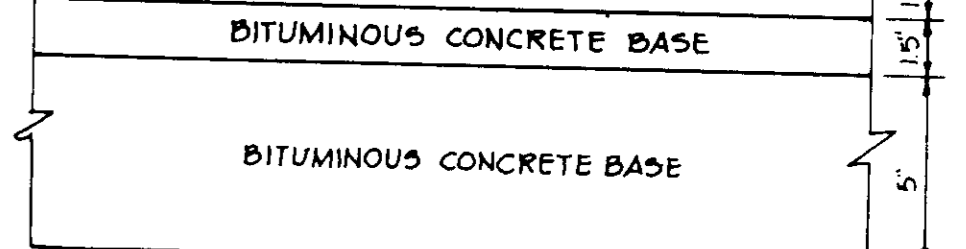
TIMBER RETAINING WALL
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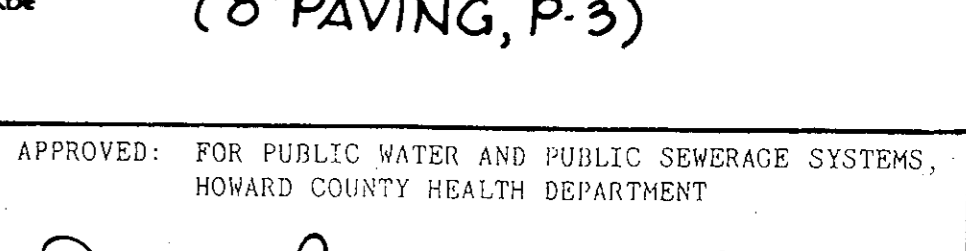
TIMBER RETAINING WALL
 No Scale



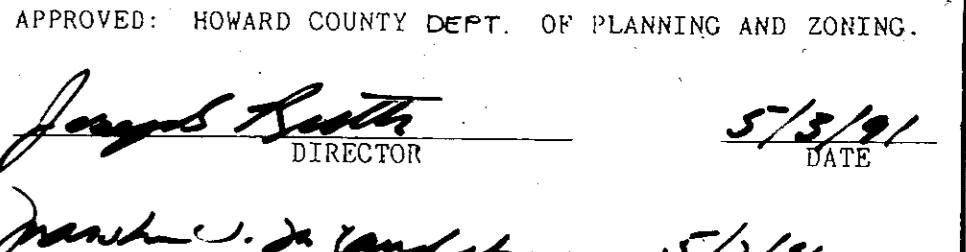
TYPE 'A' COMBINATION CURB AND GUTTER
 NO SCALE



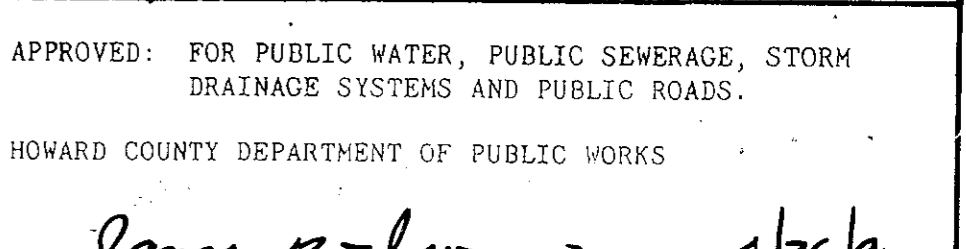
TYPE 'A' COMBINATION CURB AND GUTTER (ALTERNATE)
 NO SCALE



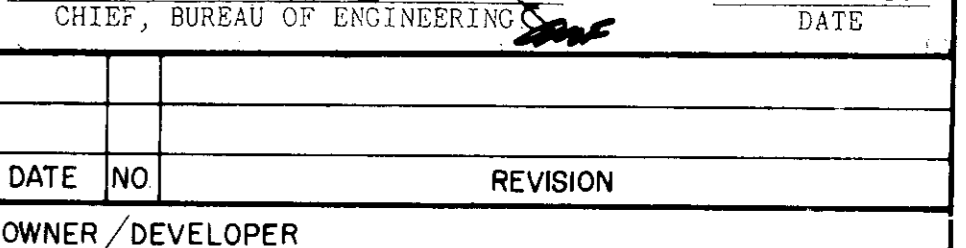
TYPE 'A' COMBINATION CURB AND GUTTER (ALTERNATE)
 NO SCALE



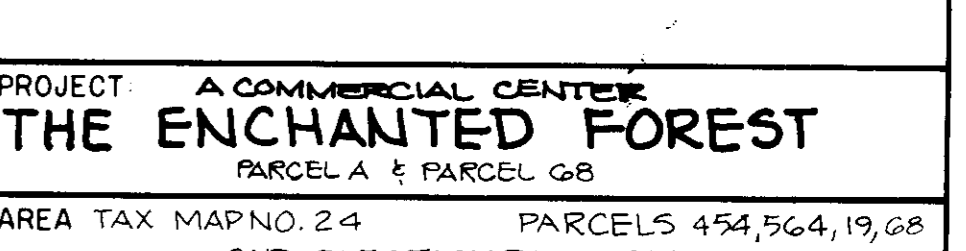
TYPE 'A' COMBINATION CURB AND GUTTER (ALTERNATE)
 NO SCALE



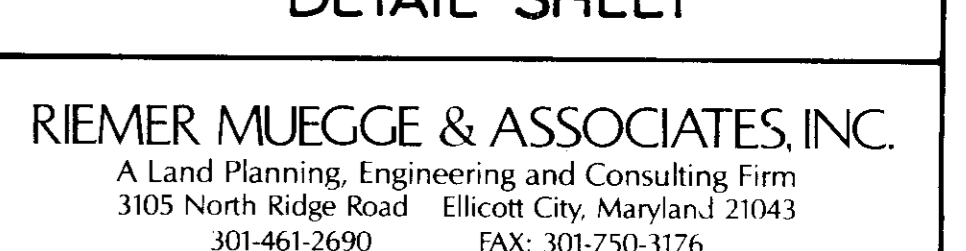
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 NO SCALE



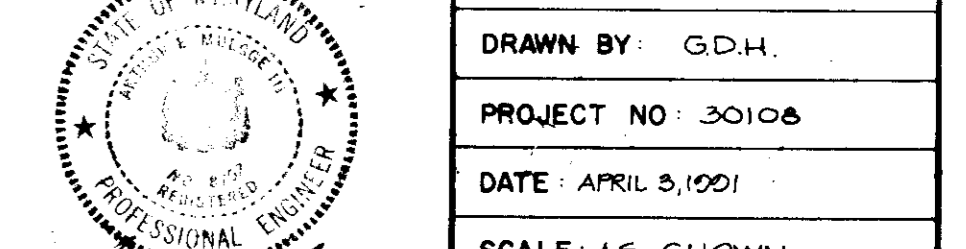
TYPE 'A' COMBINATION CURB AND GUTTER (ALTERNATE)
 NO SCALE



TYPE 'A' COMBINATION CURB AND GUTTER (ALTERNATE)
 NO SCALE



TYPE 'A' COMBINATION CURB AND GUTTER (ALTERNATE)
 NO SCALE



TYPE 'A' COMBINATION CURB AND GUTTER (ALTERNATE)
 NO SCALE



TYPE 'A' COMBINATION CURB AND GUTTER (ALTERNATE)
 NO SCALE

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

Joseph P. ... 5-2-91
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING.

James ... 5/3/91
 DIRECTOR DATE

Mark ... 5/3/91
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James ... 4/26/91
 DIRECTOR DATE

James ... 4-26-91
 CHIEF, BUREAU OF ENGINEERING DATE

DATE NO REVISION

OWNER/DEVELOPER
 STONEHENGE LIMITED PARTNERSHIP
 40 YORK ROAD
 TOWSON, MARYLAND 21204

PROJECT
THE ENCHANTED FOREST
 PARCEL A & PARCEL B

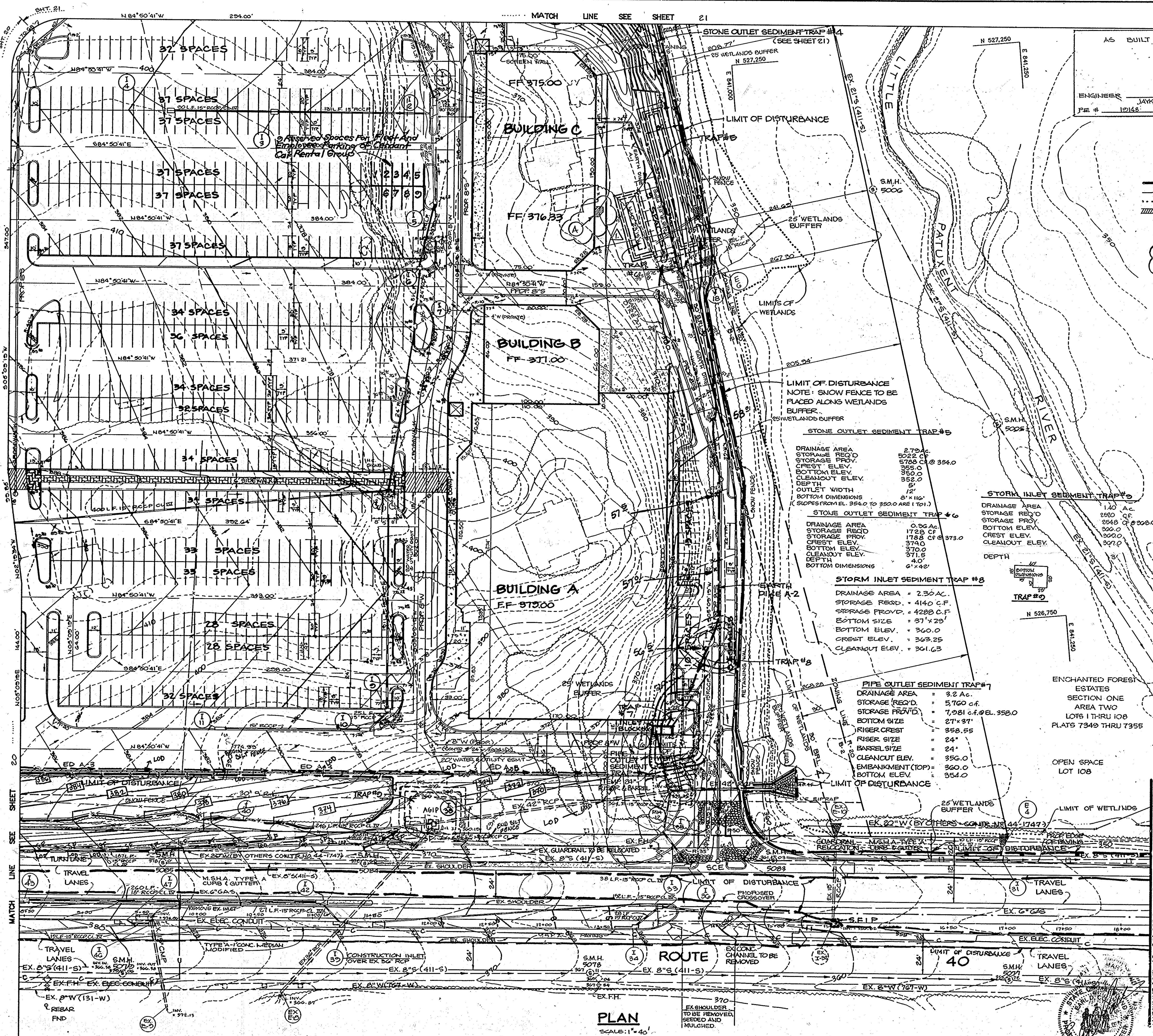
AREA TAX MAP NO. 24 PARCELS 454, 564, 19, 68
 2ND. ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TITLE:
DETAIL SHEET

RIEMER MUEGGE & ASSOCIATES, INC.
 A Land Planning, Engineering and Consulting Firm
 3105 North Ridge Road Ellicott City, Maryland 21043
 301-461-2690 FAX: 301-750-3176

DATE
 DESIGNED BY: M.G.K.
 DRAWN BY: G.D.H.
 PROJECT NO: 30106
 DATE: APRIL 5, 1991
 SCALE: AS SHOWN
 DRAWING NO. 18 OF 40

ARTHUR MUEGGE 65707
 SDP-90-74



AS BUILT CERTIFICATION
 ENGINEER: JAYKANT D. PAREKH
 DATE: 12/14/91

LEGEND
 --- LIMIT OF DISTURBANCE
 --- 25' WETLANDS BUFFER
 LIMIT OF WETLANDS
 ===== EXISTING PAVING TO BE REMOVED

NOTE:
 (A) NEW CONCRETE LOADING DOCK, SEE SHEET # 40 FOR LOADING DOCK DETAILS

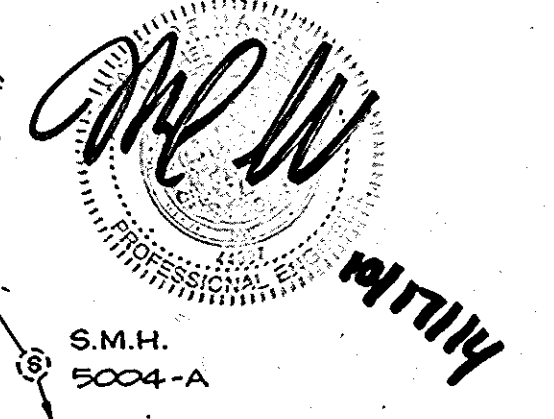
STONE OUTLET SEDIMENT TRAP #5
 DRAINAGE AREA = 2.79 AC.
 STORAGE REQ'D = 5022 C.F.
 STORAGE PROV. = 5788 C.F. @ 354.0
 CREST ELEV. = 355.0
 BOTTOM ELEV. = 352.0
 CLEANOUT ELEV. = 352.0
 DEPTH = 3'
 OUTLET WIDTH = 12"
 BOTTOM DIMENSIONS = 8" x 16"
 (SLOPES FROM EL. 354.0 TO 352.0 ARE 1:10.1)

STONE INLET SEDIMENT TRAP #5
 DRAINAGE AREA = 1.40 AC.
 STORAGE REQ'D = 2548 C.F.
 STORAGE PROV. = 200.0 C.F. @ 200.0
 BOTTOM ELEV. = 200.0
 CREST ELEV. = 200.0
 CLEANOUT ELEV. = 207.0
 DEPTH = 7'

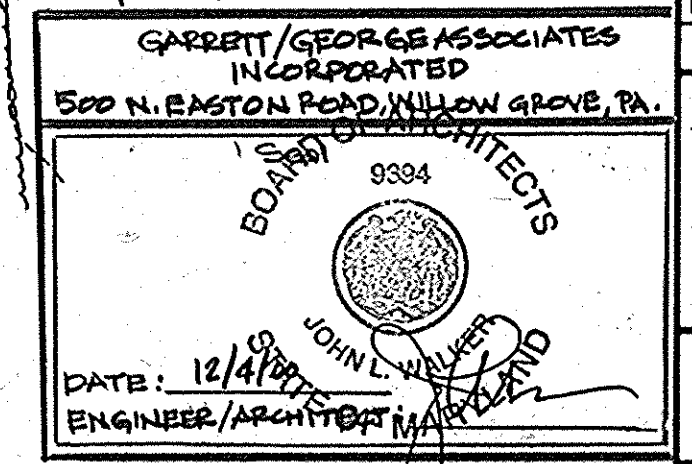
STONE INLET SEDIMENT TRAP #8
 DRAINAGE AREA = 2.30 AC.
 STORAGE REQ'D = 4140 C.F.
 STORAGE PROV. = 4288 C.F.
 BOTTOM SIZE = 37" x 29"
 BOTTOM ELEV. = 360.0
 CREST ELEV. = 363.25
 CLEANOUT ELEV. = 361.63

PIPE OUTLET SEDIMENT TRAP #7
 DRAINAGE AREA = 3.2 AC.
 STORAGE REQ'D = 5760 C.F.
 STORAGE PROV. = 7,081 C.F. @ EL. 358.0
 BOTTOM SIZE = 27" x 37"
 RISER CREST = 358.55
 RISER SIZE = 24"
 CLEANOUT SIZE = 24"
 CLEANOUT ELEV. = 356.0
 EMBANKMENT (TOP) = 360.0
 BOTTOM ELEV. = 354.0

REV 4: PROFESSIONAL CERTIFICATION
 I, MICHAEL J. GESSUL, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO: 44097 EXP: 6/9/15 FOR REVISION 4 ONLY BY: BOHLER ENGINEERING



ENCHANTED FOREST ESTATES SECTION ONE AREA TWO LOTS 1 THRU 108 PLATS 7349 THRU 7355
 OPEN SPACE LOT 108



PLAN SCALE: 1" = 40'

BY THE DEVELOPER:
 "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. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT."
 DEVELOPER: Jan Teitel 4/3/91 DATE

BY THE ENGINEER:
 "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."
 ENGINEER: Arthur E. Muegge 4-3-91 DATE

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.
 SOIL CONSERVATION SERVICE: James M. Hahn 4/17/91 DATE

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED: Robert Zielon 4/17/91 DATE
 HOWARD S.C.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
 COUNTY HEALTH OFFICER: Joseph B. ... 5-2-91 DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
 DIRECTOR: James ... 5/3/91 DATE
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT: ... 5/3/91 DATE

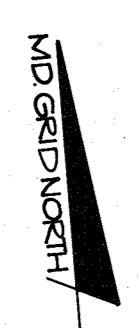
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC WORKS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: James ... 4/26/91 DATE
 CHIEF, BUREAU OF ENGINEERING: ... 4-26-91 DATE

Continued Below Left
 DATE NO. REVISION
 OWNER/DEVELOPER: STONEHENGE LIMITED PARTNERSHIP 40 YORK ROAD TOWSON MARYLAND 21204

PROJECT: A COMMERCIAL CENTER THE ENCHANTED FOREST PARCEL 'A' AND PARCEL 'C'
 AREA TAX MAP NO. 24 PARCELS 454, 564, 10, 08 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 TITLE: EROSION & SEDIMENT CONTROL PLAN

RIEMER MUEGGE & ASSOCIATES, INC.
 A Land Planning, Engineering and Consulting Firm
 3105 North Ridge Road Ellicott City, Maryland 21043
 301-461-2690 FAX: 301-750-3176
 DATE: 4/3/91
 DESIGNED BY: M.G.K.
 DRAWN BY: S.R.H.
 PROJECT NO: 30108
 DATE: APRIL 3, 1991
 SCALE: AS SHOWN
 DRAWING NO. 10 OF 42

SDP-90-74 AS-BUILT

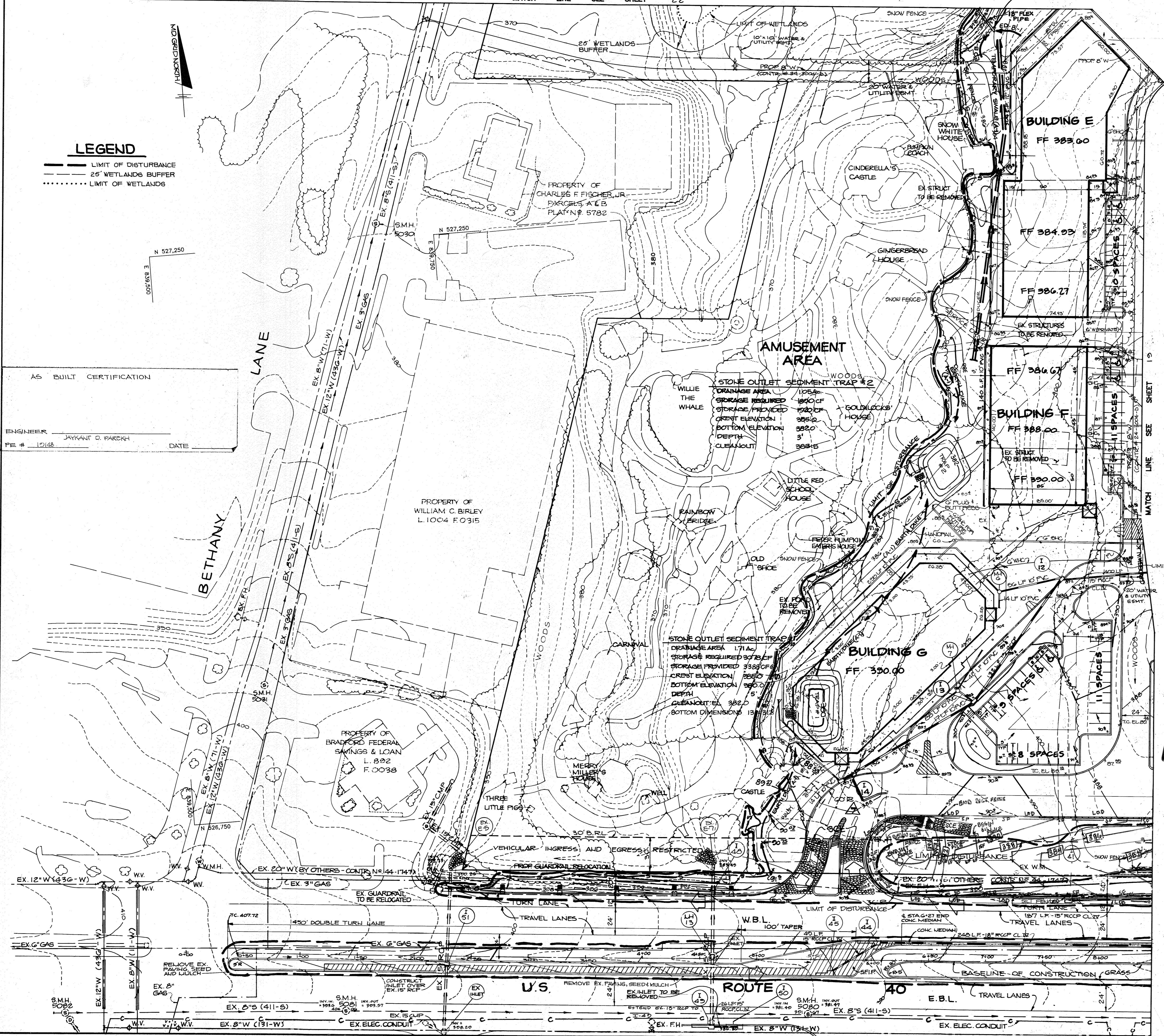


LEGEND

- LIMIT OF DISTURBANCE
- - - 25' WETLANDS BUFFER
- LIMIT OF WETLANDS

AS BUILT CERTIFICATION

ENGINEER JAYKANT O. PARCKH
 PE # 12148 DATE _____



REV 4: PROFESSIONAL CERTIFICATION

I, MICHAEL J. GREGG, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO: 44097 EXPIRATION DATE: 6/31/15

FOR DIVISION 4 ONLY: BY DOHLER ENGINEERING

(Signature)
01/17/14

FOR SNOW FENCE PLACEMENT SEE DETAIL, SHEET 40

BY THE DEVELOPER:

"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. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT."

(Signature) 4/3/91
DEVELOPER DATE

BY THE ENGINEER:

"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) 4-3-91
ENGINEER DATE

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) 4-17-91
SOIL CONSERVATION SERVICE DATE

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

APPROVED *(Signature)* 4/17/91
HOWARD S.C. DATE

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

(Signature) 5-2-91
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

(Signature) 5/3/91
DIRECTOR DATE

(Signature) 6/3/91
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

(Signature) 4/26/91
DIRECTOR DATE

(Signature) 4-26-91
CHIEF, BUREAU OF ENGINEERING DATE

10/26/01	1	REVISED INLETS, PIPES & SIZES OF RCP
DATE	NO	REVISION

OWNER/DEVELOPER

STONEHENGE LIMITED PARTNERSHIP
 40 YORK ROAD
 TOWSON MARYLAND 21204

PROJECT: A COMMERCIAL CENTER

THE ENCHANTED FOREST
 PARCEL 'A' AND PARCEL 'G'

AREA TAX MAP NO. 24 PARCELS 454, 564, 19, 68
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TITLE **EROSION & SEDIMENT CONTROL PLAN**

RIEMER MUEGGE & ASSOCIATES, INC.
 A Land Planning, Engineering and Consulting Firm
 3105 North Ridge Road Ellicott City, Maryland 21043
 301-461-2690 FAX: 301-750-3178

DATE **4-3-91**

DESIGNED BY: M.G.K.

DRAWN BY: C.B.J.

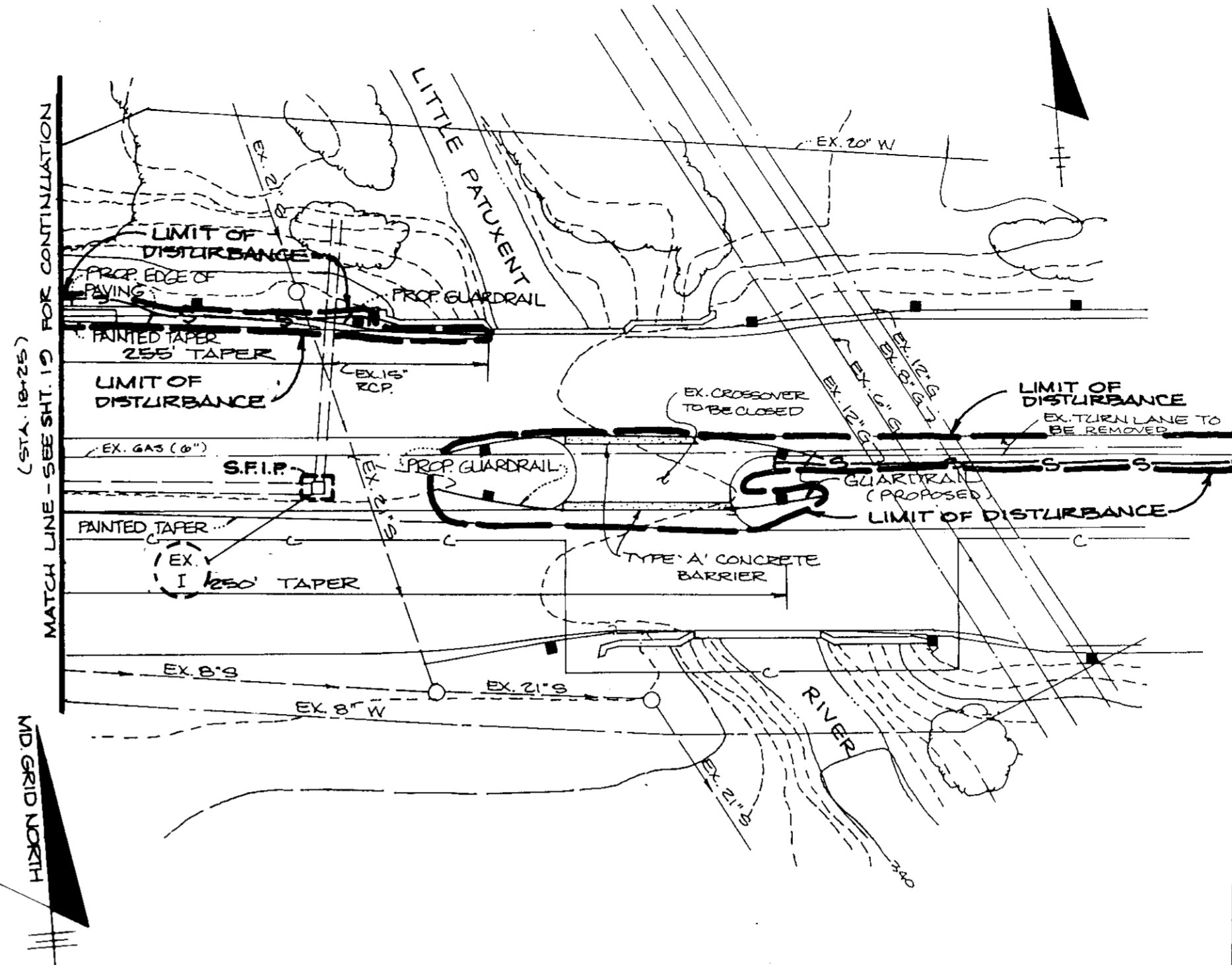
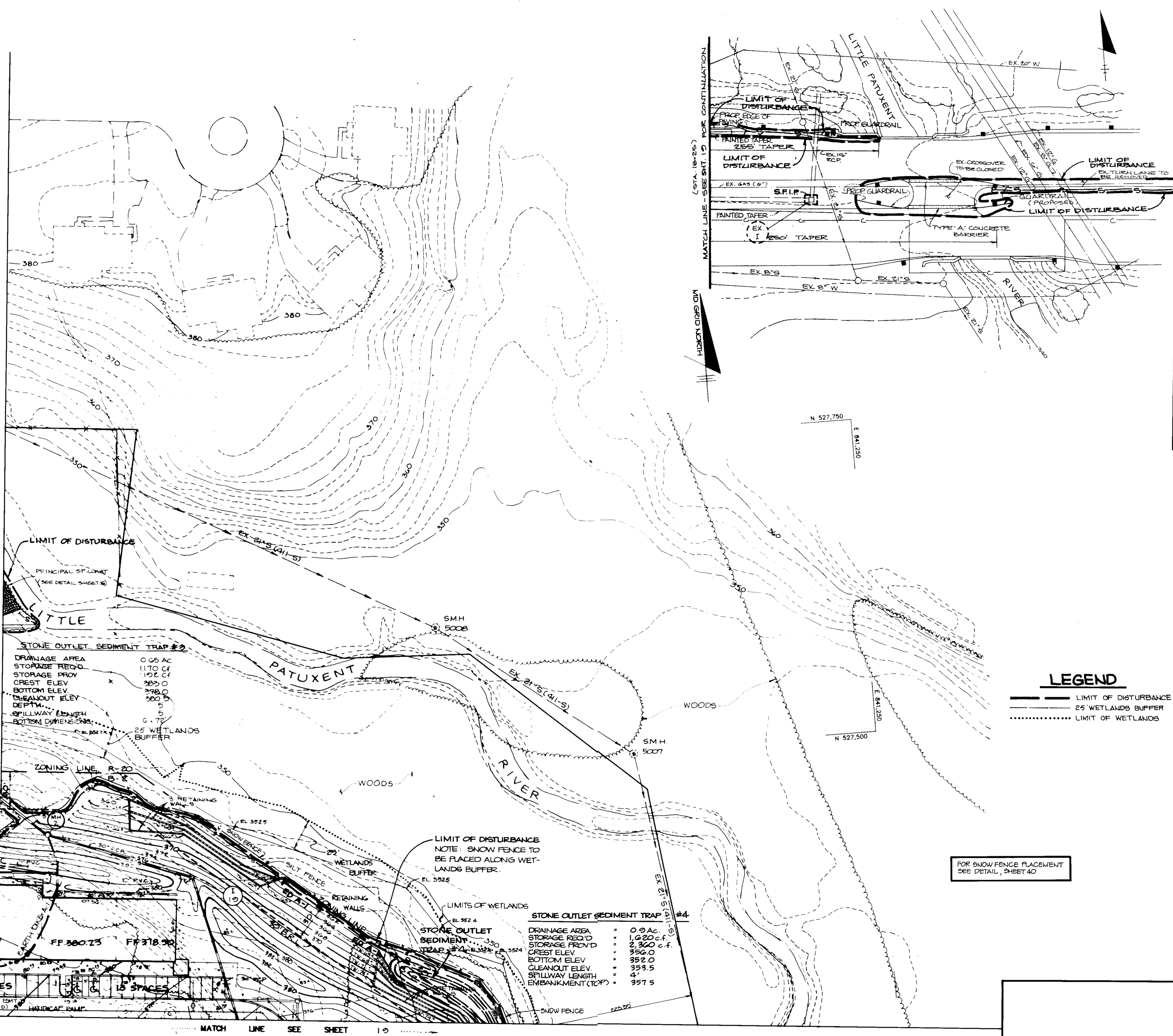
PROJECT NO: 91018

DATE: APRIL 3, 1991

SCALE: 1" = 40'

DRAWING NO. 20 OF 42

(Signature)
ARTHUR E. MUEGGE 8707



STONE OUTLET SEDIMENT TRAP #2
 DRAINAGE AREA 0.06 AC
 STORAGE REQ'D 1170 CF
 STORAGE PROV'D 102 CF
 CREST ELEV 355.0
 BOTTOM ELEV 348.0
 CLEANOUT ELEV 360.0
 DEPTH 5
 SPILLWAY LENGTH 6.172
 BOTTOM DIMENSIONS 10.0 x 10.0
 25' WETLANDS BUFFER

LIMIT OF DISTURBANCE
 NOTE: SNOW FENCE TO BE PLACED ALONG WETLANDS BUFFER.

STONE OUTLET SEDIMENT TRAP #4
 DRAINAGE AREA 0.09 AC
 STORAGE REQ'D 1620 CF
 STORAGE PROV'D 2340 CF
 CREST ELEV 356.0
 BOTTOM ELEV 352.0
 CLEANOUT ELEV 353.5
 SPILLWAY LENGTH 4
 EMBANKMENT (TOP) 357.5

LEGEND
 ——— LIMIT OF DISTURBANCE
 - - - - - 25' WETLANDS BUFFER
 LIMIT OF WETLANDS

FOR SNOW FENCE PLACEMENT SEE DETAIL, SHEET 40

PLAN
 SCALE: 1" = 40'

AS BUILT CERTIFICATION

ENGINEER _____
 PE # _____ DATE _____

BY THE DEVELOPER:
 "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. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT."
James B. ... 4/3/91
 DEVELOPER DATE

BY THE ENGINEER:
 "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."
Arthur E. Muegge 4-3-91
 ENGINEER DATE

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.
James M. ... 4/17/91
 HOWARD SOIL CONSERVATION SERVICE DATE

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED *Robert J. ...* 4/17/91
 HOWARD S.C.D. DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
James W. ... 5-2-91
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
James B. ... 5/3/91
 DIRECTOR DATE
Thomas U. ... 5/6/91
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James P. ... 4/26/91
 DIRECTOR DATE
James P. ... 4-26-91
 CHIEF, BUREAU OF ENGINEERING DATE

DATE	NO	REVISION

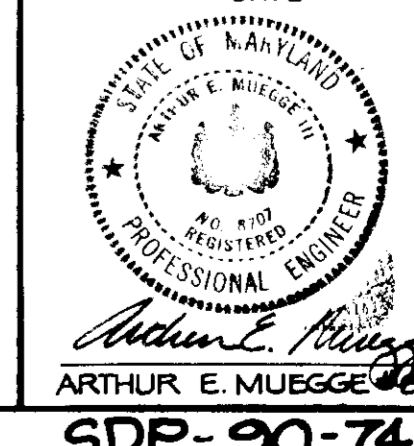
OWNER/DEVELOPER
 STONE HENGE LIMITED PARTNERSHIP
 40 YORK ROAD
 TOWSON MARYLAND 21204

PROJECT A COMMERCIAL CENTER
THE ENCHANTED FOREST
 PARCEL 'A' AND PARCEL 'B'
 AREA TAX MAP NO. 24 PARCELS 454, 564, 10, 68
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TITLE: **EROSION & SEDIMENT CONTROL PLAN**

RIEMER MUEGGE & ASSOCIATES, INC.
 A Land Planning, Engineering and Consulting Firm
 3105 North Ridge Road Ellicott City, Maryland 21043
 301-461-2690 FAX: 301-750-3176
 SDP-90-07

4-3-91
 DATE
 DESIGNED BY: M.G.K.
 DRAWN BY:
 PROJECT NO: 3010B
 DATE: APRIL 3, 1991
 SCALE: AS SHOWN
 DRAWING NO: 21 OF 40



Arthur E. Muegge
 ARTHUR E. MUEGGE 46707
 SDP-90-74



AREA TO BE REDESIGNED EXISTING
TIMBER PLANTER BOX STRUCTURE AND
LANDSCAPING TO BE REMOVED AND NEW
LANDSCAPING INSTALLED (SEE NEW
LANDSCAPE PLAN SHEET 20B). UPDATED
SEDIMENT CONTROL TO ADDRESS THESE
CHANGES SHOWN ON ADDED EROSION AND
SEDIMENT CONTROL PLAN SHEETS 21B
AND DETAIL SHEET 21C.

STONE OUTLET SEDIMENT TRAP #2	
DRAINAGE AREA	0.05 AC
STORAGE REQ'D	1170 CF
STORAGE PROV	1102 CF
CREST ELEV.	282.0
BOTTOM ELEV.	278.0
CLEANOUT ELEV.	280.5
DEPTH	5
SPILLWAY LENGTH	0
BOTTOM DIMENSIONS	6'-7"
	25 WETLANDS BUFFER

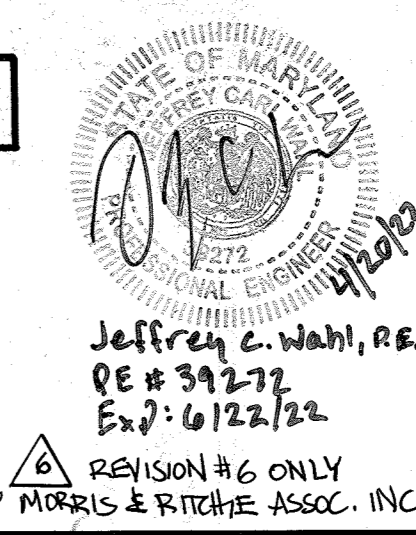
LIMIT OF DISTURBANCE
NOTE: SNOW FENCE TO
BE PLACED ALONG WET-
LANDS BUFFER.

STONE OUTLET SEDIMENT TRAP #4	
DRAINAGE AREA	0.9 AC
STORAGE REQ'D	1,020 CF
STORAGE PROV	2,360 C.F.
CREST ELEV.	356.0
BOTTOM ELEV.	352.0
CLEANOUT ELEV.	353.5
SPILLWAY LENGTH	4'
EMBANKMENT (TOP)	357.5

LEGEND

---	LIMIT OF DISTURBANCE
---	25 WETLANDS BUFFER
.....	LIMIT OF WETLANDS

FOR SNOW FENCE PLACEMENT
SEE DETAIL, SHEET 40



PLAN
SCALE: 1" = 40'

AS BUILT CERTIFICATION

ENGINEER: JAYRANT O. PAREKH
PE # 10268 DATE

BY THE DEVELOPER:
"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. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT."
Janet... 4/3/91
DEVELOPER DATE

BY THE ENGINEER:
"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."
Arthur E. Muegge 4-3-91
ENGINEER DATE

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.
John M. Hudson 4/17/91
HOWARD SOIL CONSERVATION SERVICE DATE

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
Robert J. Ziel... 4/17/91
APPROVED HOWARD S.D. DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
Joseph... 5-2-91
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
James... 5/3/91
DIRECTOR DATE

Frank... 5/6/91
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC WORKS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James... 4/26/91
DIRECTOR DATE

... 4-26-91
CHIEF, BUREAU OF ENGINEERING DATE

4-11-2002 / 01 ADDED PAGES 21B, 21C, AND 20B TO PLAN SET FOR REVISION TO REAR LANDSCAPE BUFFER, NOTE THIS PAGE

DATE	NO	REVISION

OWNER / DEVELOPER
STONE HENGE LIMITED PARTNERSHIP
40 YORK ROAD
TOWSON MARYLAND 21204

PROJECT: A COMMERCIAL CENTER
THE ENCHANTED FOREST
PARCEL 'A' AND PARCEL 'B'

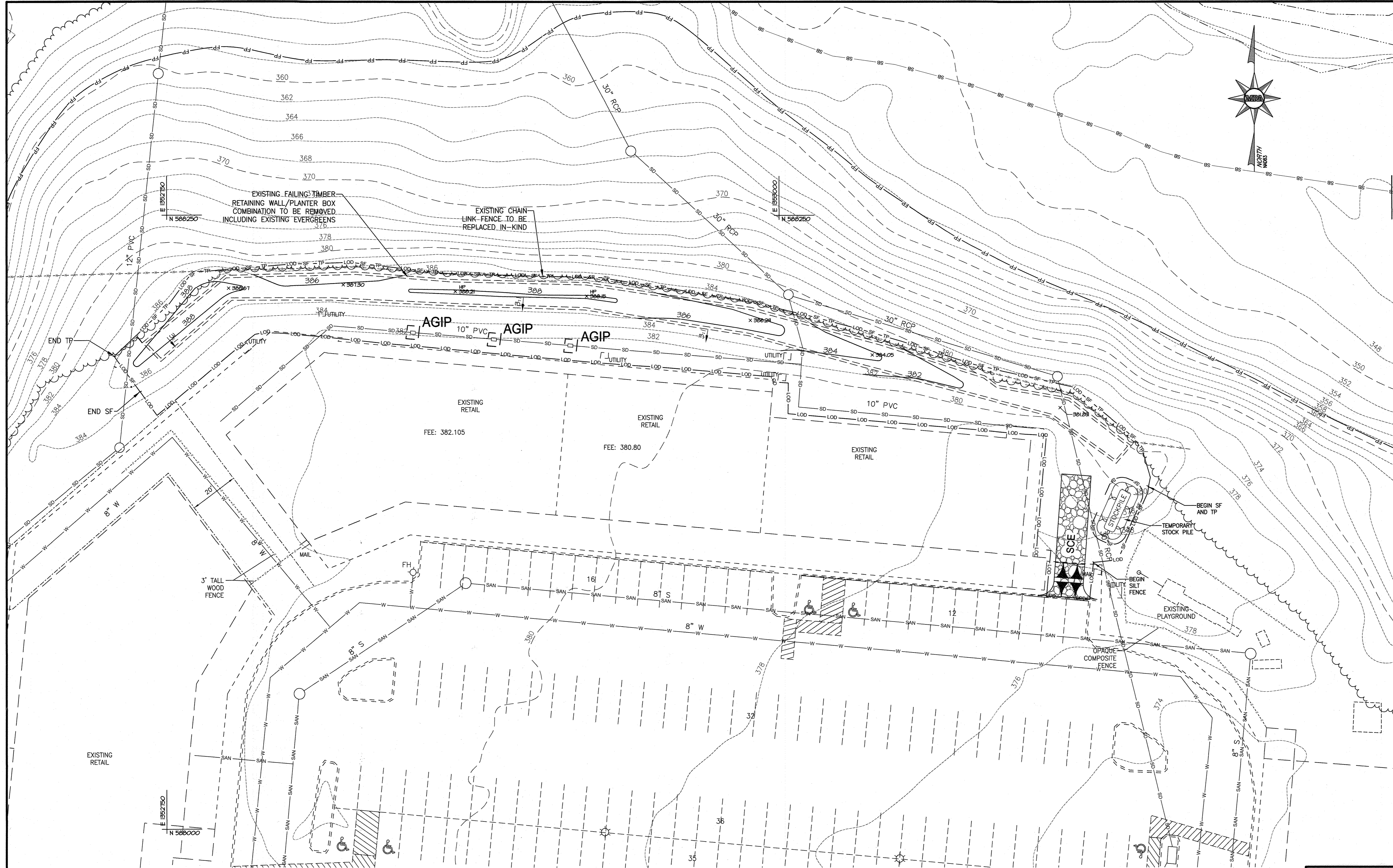
AREA TAX MAP NO. 24 PARCELS 454, 564, 10, 68
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE: **EROSION & SEDIMENT CONTROL PLAN**

RIEMER MUEGGE & ASSOCIATES, INC.
A Land Planning, Engineering and Consulting Firm
3105 North Ridge Road Ellicott City, Maryland 21043
301-461-2690 FAX: 301-750-3176

DATE: 4-3-91
DESIGNED BY: M.G.K.
DRAWN BY:
PROJECT NO: 3010B
DATE: APRIL 3, 1991
SCALE: AS SHOWN
DRAWING NO. 21A OF 40

SDP-90-74 AS-BUILT



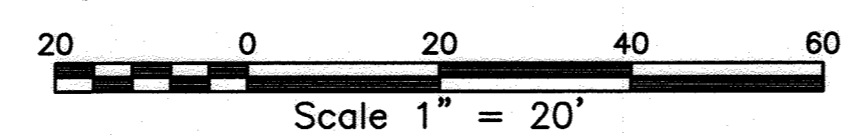
GENERAL NOTES

1. THE EXISTING UTILITIES AND OBSTRUCTIONS SHOWN ARE FROM THE BEST AVAILABLE RECORDS AND SHALL BE VERIFIED BY THE CONTRACTOR TO HIS SATISFACTION PRIOR TO CONSTRUCTION.
2. NECESSARY PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT EXISTING SERVICES AND MAINS, AND ANY DAMAGE TO THEM DUE TO HIS NEGLIGENCE SHALL BE REPAIRED IMMEDIATELY AT HIS OWN EXPENSE.
3. THE CONTRACTOR SHALL NOTE THAT IN CASE OF A DISCREPANCY BETWEEN THE SCALED AND THE FIGURED DIMENSIONS SHOWN ON THESE PLANS, THE FIGURED DIMENSIONS SHALL GOVERN.
4. IT SHALL BE DISTINCTLY UNDERSTOOD THAT FAILURE TO MENTION SPECIFICALLY ANY WORK WHICH WOULD NORMALLY BE REQUIRED TO COMPLETE THE PROJECT SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO PERFORM SUCH WORK.
5. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, AND SAFETY PRECAUTIONS AND PROGRAMS.
6. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING AGENCIES AT LEAST (5) FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS:
 - 6.1. MISS UTILITY 1-800-257-7777
 - 6.2. BALTIMORE GAS & ELECTRIC COMPANY (BGE) (410) 234-5691
 - 6.3. VERIZON (410) 224-9580
7. ALL WORK SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF THE "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" ISSUED BY THE WATER RESOURCES ADMINISTRATION AND THE SOIL CONSERVATION SERVICE.
8. AT THE END OF EACH WORKING DAY, ALL SEDIMENT CONTROL MEASURES WILL BE INSPECTED AND LEFT IN OPERATIONAL CONDITION.
9. ANY LANDSCAPING REMOVED FOR CONSTRUCTION THAT IS NOT IN THE PLANTER BOX STRUCTURE THAT IS ABOVE AND BEYOND DUE TO DAMAGE OR ACCESS REQUIREMENTS, IS TO BE REPLACED BY SIMILAR PLANTING.
10. SILT FENCE MAY BE UPGRADED TO SUPER SILT FENCE AT THE DISCRETION OF THE SEDIMENT CONTROL INSPECTOR.

LEGEND

- EX. PROPERTY LINE
- EX. RIGHT-OF-WAY
- EX. ADJACENT PROPERTY LINE
- FP --- FP --- EX. FLOODPLAIN
- --- EX. STREAM (GS)
- --- EX. POND (OS)
- SB --- SB --- EX. STREAM BUFFER
- --- EX. BUILDING
- --- EX. BUILDING OVERHANG
- --- EX. CURB
- --- EX. PAVEMENT/EDGE OF GUTTER
- --- EX. WALK
- --- EX. WOOD FENCE
- --- EX. METAL FENCE
- --- EX. TREELINE
- SAN --- SAN --- EX. SANITARY SEWER LINE
- W --- W --- EX. WATERLINE
- --- EX. FIRE HYDRANT
- --- EX. LIGHT POLE
- --- EX. STORM DRAIN
- --- EX. EASEMENT
- --- EX. 2' CONTOUR
- --- EX. 10' CONTOUR
- --- PR. 2' CONTOUR
- --- PR. 10' CONTOUR
- --- PR. LIMIT OF DISTURBANCE (LOD)
- --- PR. LOD/SILT FENCE
- --- PR. LOD/SILT FENCE/TREE PROTECTION FENCE
- --- PR. STABILIZED CONSTRUCTION ENTRANCE (SCE)
- AGIP --- PR. AT-GRADE INLET PROTECTION

DEVELOPER'S CERTIFICATE
 "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT FOR SEDIMENT AND EROSION CONTROL, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT THE DEPARTMENT OF ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT."
 ENCHANTED FOREST, LLC
 By: Danielle Johnson Fund L.P., its sole member
 By: Kimco Income Fund L.P., its general partner
 ✓ Danielle Johnson Agent - Kimco Realty 04/19/2022
 SIGNATURE OF DEVELOPER DATE



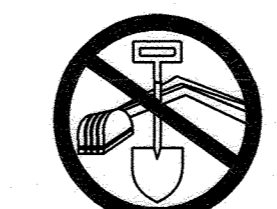
ENGINEER'S CERTIFICATE
 "I HEREBY CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."
 J.C. WAHL P.E.: 39272 4-19-2022
 DATE

SEQUENCE OF CONSTRUCTION

- | | |
|--|---------|
| 1. THE LIMITS OF DISTURBANCE (LOD) MUST BE FIELD MARKED PRIOR TO GRADING, INSTALLATION OF SEDIMENT CONTROL MEASURES, CONSTRUCTION, OR OTHER LAND DISTURBING ACTIVITIES. | 1 DAY |
| 2. CONDUCT A PRE-CONSTRUCTION MEETING. NOTIFY THE DEPARTMENT OF PUBLIC WORKS CONSTRUCTION INSPECTION DIVISION (410) 313-1880 AT LEAST 48 HOURS BEFORE COMMENCING WORK. WORK MAY NOT COMMENCE UNTIL THE PERMITTEE OR THE RESPONSIBLE PERSONNEL HAVE MET ON SITE WITH THE SEDIMENT & EROSION INSPECTOR TO REVIEW THE APPROVED PLANS. | 1 DAY |
| 3. WITH THE INSPECTORS APPROVAL, INSTALL STABILIZED CONSTRUCTION ENTRANCE, SILT FENCE, INLET PROTECTION AND TREE PROTECTION FENCE. ONLY TREES LOCATED WITHIN THE TIMBER PLANTING BOX STRUCTURE ARE TO BE REMOVED. NO OTHER CLEARING SHALL OCCUR. SILT FENCE MAY BE UPGRADED TO SUPER SILT FENCE AT THE DISCRETION OF THE SEDIMENT CONTROL INSPECTOR. | 1 WEEK |
| 4. UPON COMPLETION OF THE INSTALLATION OF THE SEDIMENT CONTROL DEVICES, BUT BEFORE PROCEEDING WITH OTHER EARTH DISTURBANCE OR GRADING, SEDIMENT CONTROL DEVICES SHALL BE APPROVED BY THE HOWARD COUNTY INSPECTOR. | 1 WEEK |
| 5. UNDER THE SUPERVISION OF A LICENSED MARYLAND TREE EXPERT, ALL TREES LOCATED WITHIN THE TIMBER PLANTING BOXES ARE TO BE REMOVED. | 1 MONTH |
| 6. ONCE ALL TREES HAVE BEEN REMOVED, BEGIN REMOVAL OF EXISTING TIMBER PLANTING BOX AND ASSOCIATED SOIL AND ROOT MATTING. | 1 MONTH |
| 7. REPLACE ALL PORTIONS OF THE EXISTING METAL CHAIN LINKED FENCE THAT ARE DAMAGED DURING REMOVAL OF THE TIMBER PLANTING BOX | 2 WEEK |
| 8. PERFORM BERM GRADING AND INSTALL LANDSCAPING PER SHEET 28B OF 42. | 1 MONTH |
| 9. STABILIZE ALL AREAS WITHIN THE LOD. | 1 WEEK |
| 10. WITH THE INSPECTORS APPROVAL, REMOVE REMAINING SEDIMENT CONTROL PRACTICES AND STABILIZE DISTURBED AREAS. | 1 WEEK |

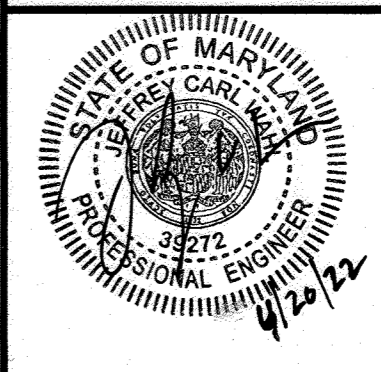
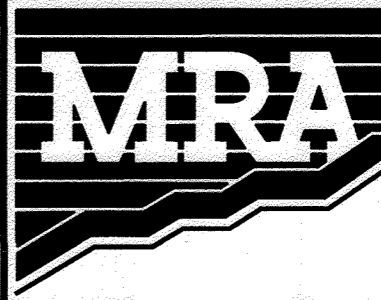
STOCKPILE NOTE

DUE TO LIMITED SPACE, STOCKPILE MAY BE RELOCATED DURING CONSTRUCTION BY CONTRACTOR WITH APPROVAL OF SEDIMENT CONTROL INSPECTOR.



BEFORE YOU DIG
 CALL UTILITY
 LOCATION SERVICES
 IT'S THE LAW!
 MISS UTILITY
 1-800-257-7777

APPLICANT/OWNER/DEVELOPER:
 KIMCO REALTY CORPORATION, ENCHANTED FOREST, LLC
 ADDRESS: 2080 YORK ROAD, SUITE 285
 TIMONIUM, MD 21093
 CONTACT: MS. DANIELLE JOHNSON
 PROPERTY MANAGER | PROPERTY MANAGEMENT
 EMAIL: DNJohnson@kimcorealty.com



MD PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
 LICENSE NO. 39272
 EXPIRATION DATE: 6/22/2022.

MORRIS & RITCHE ASSOCIATES, INC.
 ENGINEERS, PLANNERS, SURVEYORS AND LANDSCAPE ARCHITECTS
 14280 PARK CENTER DRIVE
 LAUREL, MD 20707
 (410) 792-9792 / (301) 776-1690
 MRA.GTA.COM

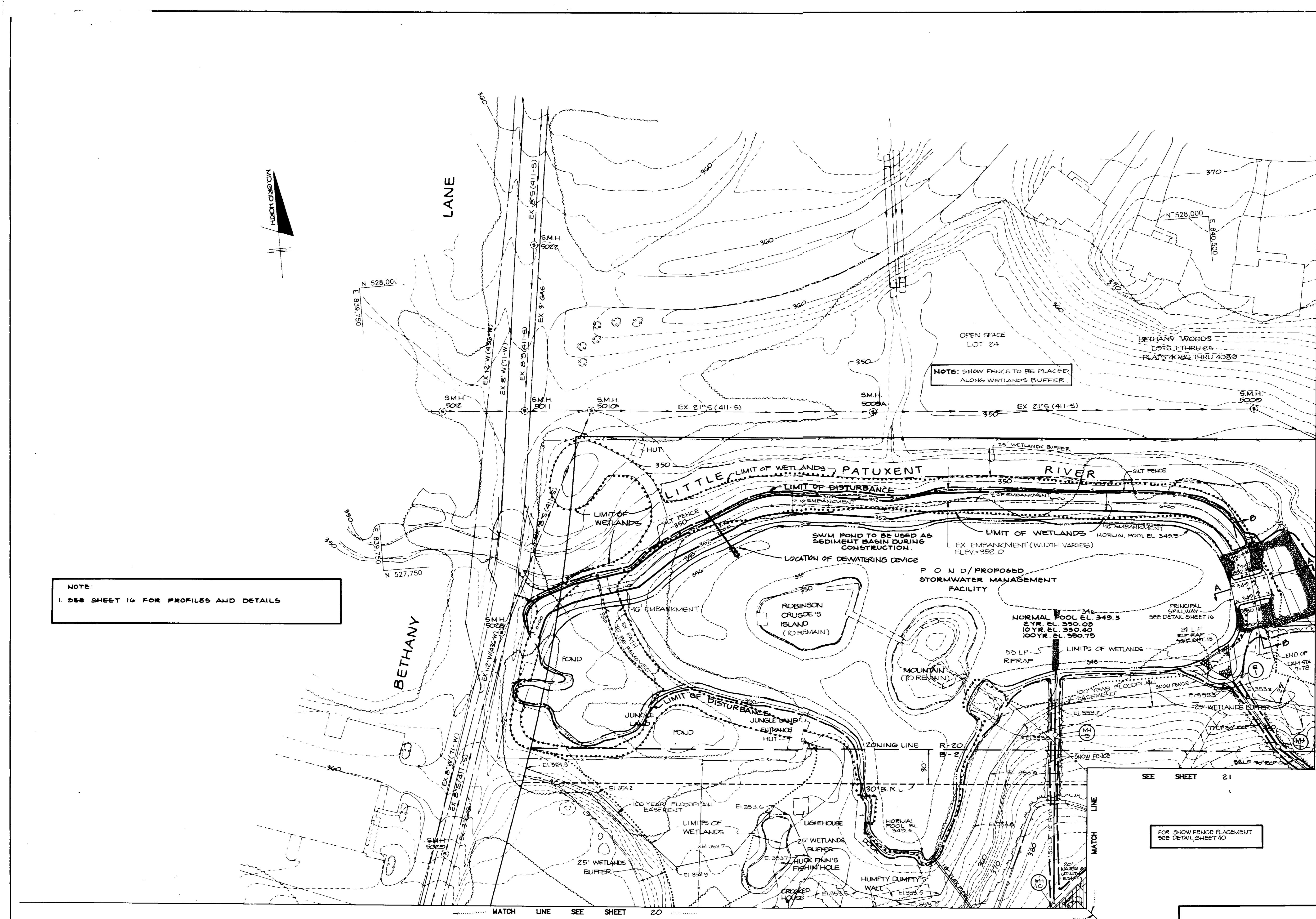
Copyright 2022 Morris & Ritchie Associates, Inc.
ENCHANTED FOREST SHOPPING CENTER
 10040 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY
EROSION & SEDIMENT CONTROL PLAN

TAX MAP 24 GRID 2 PARCEL 454 ZONE: B-2
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND 21042

DATE	REVISIONS	JOB NO.:	SCALE:
		21383	1" = 20'
			DATE: 4-19-2022
			DRAWN BY: MAM
			DESIGN BY: MAM
			REVIEW BY: TFM
			SHEET: 21B OF 42

HOWARD SOIL CONSERVATION DISTRICT
 THIS PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
 Alexandra Butcher 05/02/22
 HOWARD SOIL CONSERVATION DISTRICT DATE
 APPROVED: DEPARTMENT OF PLANNING AND ZONING
 J.C. WAHL 5.9.22
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE
 DIRECTOR DATE

SDP-90-074



NOTE:
1. SEE SHEET 16 FOR PROFILES AND DETAILS

NOTE: SNOW FENCE TO BE PLACED ALONG WETLANDS BUFFER

FOR SNOW FENCE PLACEMENT SEE DETAIL, SHEET 40

PLAN
SCALE: 1" = 40'

AS BUILT CERTIFICATION

ENGINEER _____ DATE _____

PE # _____

BY THE DEVELOPER:

"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. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT."

John Test 4-3-91
DEVELOPER DATE

BY THE ENGINEER:

"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."

Arthur Muegge 4-3-91
ENGINEER DATE

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.

Joseph M. Stelm 4-17-91
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.

APPROVED *Blair J. Ziehm* 4/17/91
HOWARD S. CONSERVATION DISTRICT DATE

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

Joseph M. Stelm 5-2-91
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

James S. Booth 5/3/91
DIRECTOR DATE

Frank J. Campbell 5/3/91
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James S. Booth 4/26/91
DIRECTOR DATE

John D. ... 4-26-91
CHIEF, BUREAU OF ENGINEERING DATE

DATE	NO	REVISION

OWNER/DEVELOPER
STONEHENGE LIMITED PARTNERSHIP
40 YORK ROAD
TOWSON, MARYLAND 21284

PROJECT: A COMMERCIAL CENTER
THE ENCHANTED FOREST
PARCEL 'A' AND PARCEL 'G8'

AREA: TAX MAP NO 24 PARCELS 454, 564, 10, 68
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE: EROSION & SEDIMENT CONTROL PLAN

RIEMER MUEGGE & ASSOCIATES, INC.
A Land Planning, Engineering and Consulting Firm
3105 North Ridge Road Ellicott City, Maryland 21043
301-461-2690 FAX: 301-750-3176

DATE: 4-3-91

DESIGNED BY: M.G.K.

DRAWN BY:

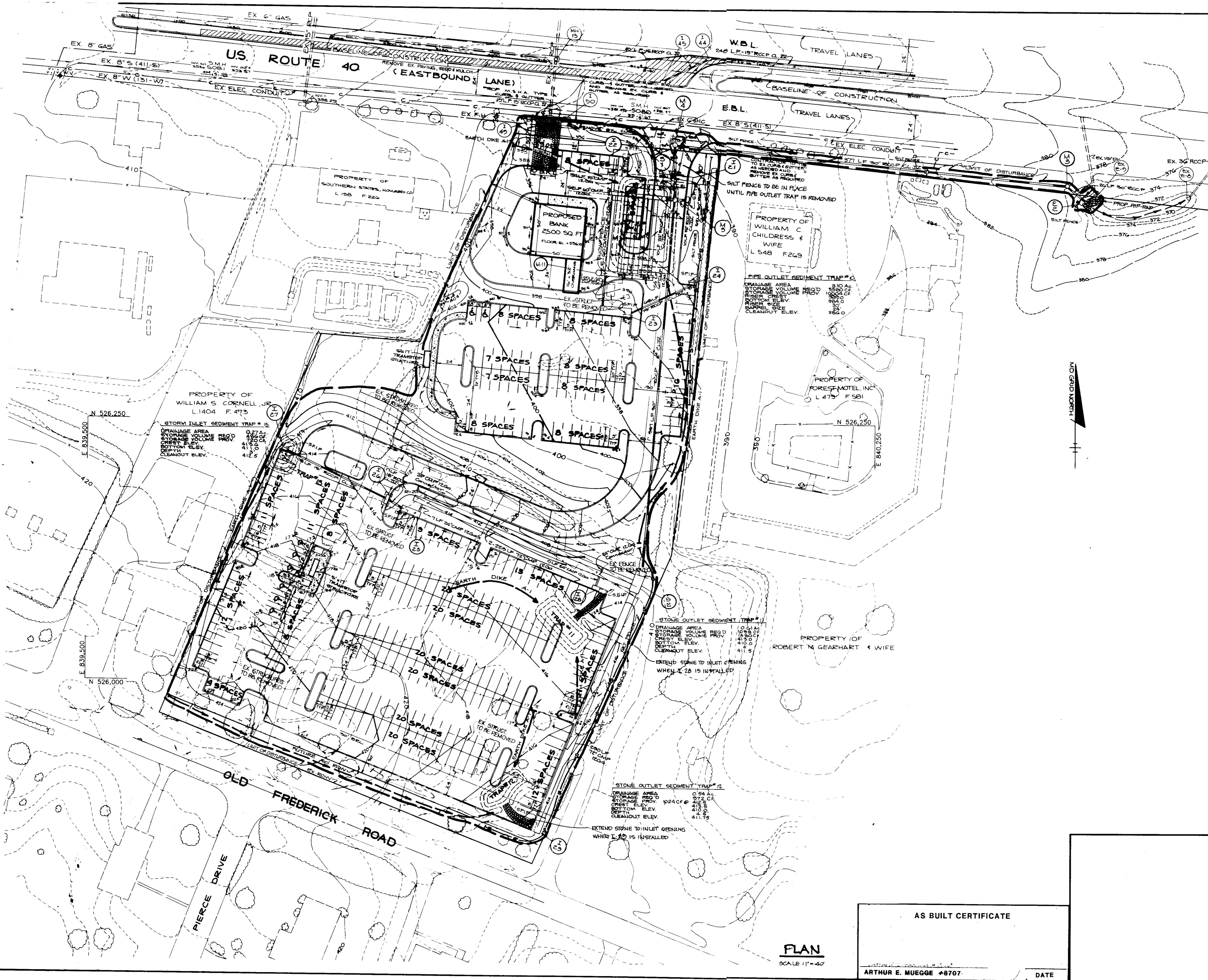
PROJECT NO: 90108

DATE: APRIL 3, 1991

SCALE: AS SHOWN

DRAWING NO. 22 OF 40

SDP-90-74



BY THE DEVELOPER:
 "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. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT."
Arthur E. Muegge 4/3/91
 DEVELOPER DATE

BY THE ENGINEER:
 "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."
Arthur E. Muegge 4/3/91
 ENGINEER DATE

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.
Joseph H. Hahn 4/17/91
 SOIL CONSERVATION SERVICE DATE

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
Robert W. Zickler 4/17/91
 APPROVED HOWARD S.D. DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
James E. Ryan 5-2-91
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
Jay S. Smith 5/2/91
 DIRECTOR DATE
Frank C. Campbell 5/2/91
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James J. Lew 4/26/91
 DIRECTOR DATE
Richard S. Kelly 4-26-91
 CHIEF, BUREAU OF ENGINEERING DATE

DATE	NO	REVISION

OWNER/DEVELOPER
 STONEHENGE LIMITED PARTNERSHIP
 40 YORK ROAD
 TOWSON MARYLAND 21204

PROJECT A COMMERCIAL CENTER
THE ENCHANTED FOREST
 PARCEL 'A' - PARCEL 'G8'

AREA TAX MAP NO 24 PARCELS 45A, 56A, 10, G8
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TITLE **EROSION & SEDIMENT CONTROL PLAN**

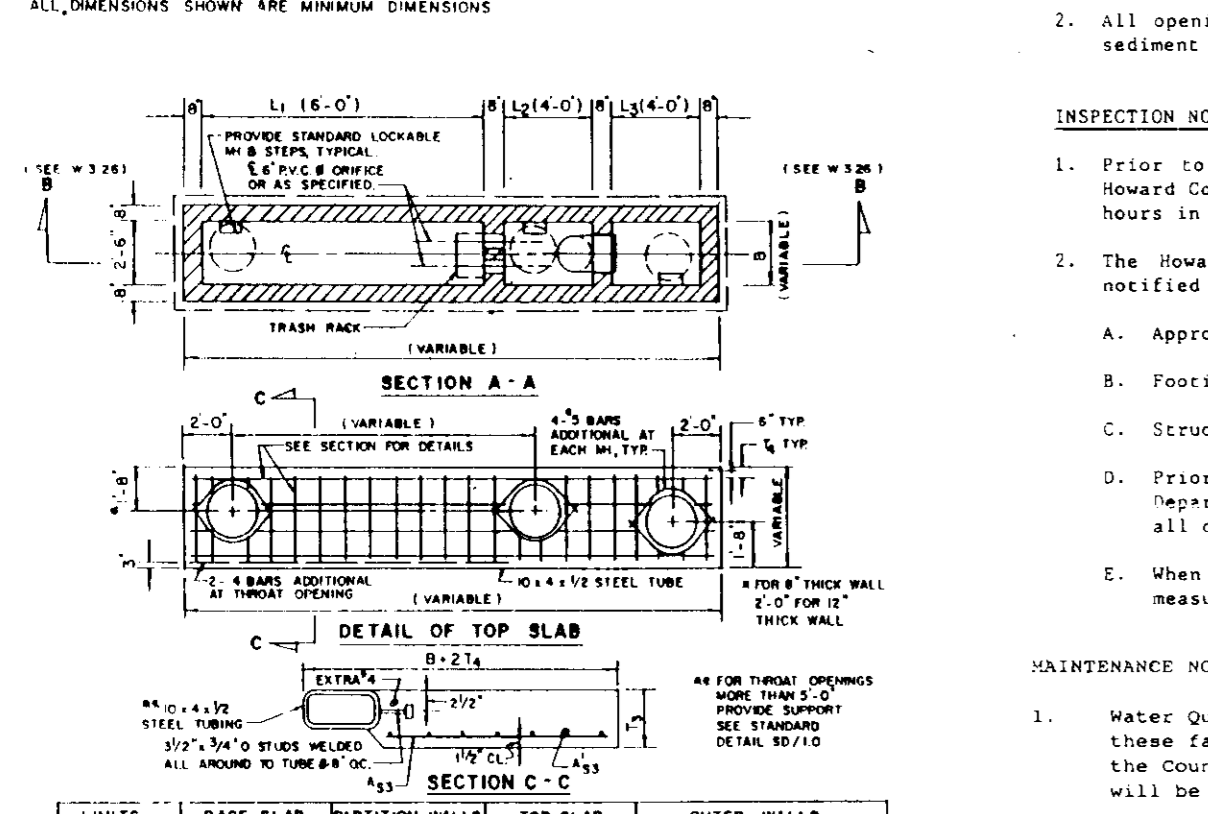
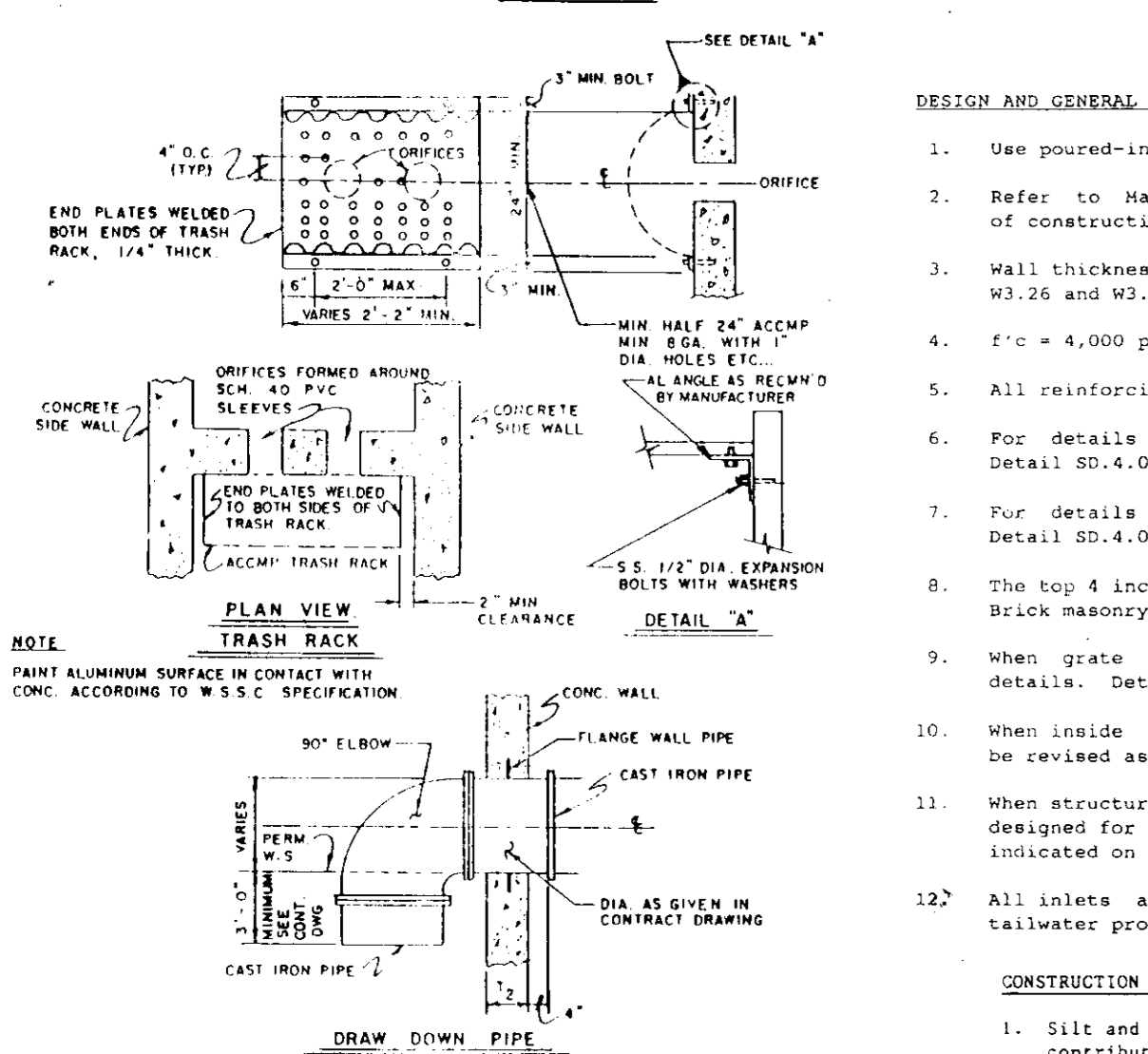
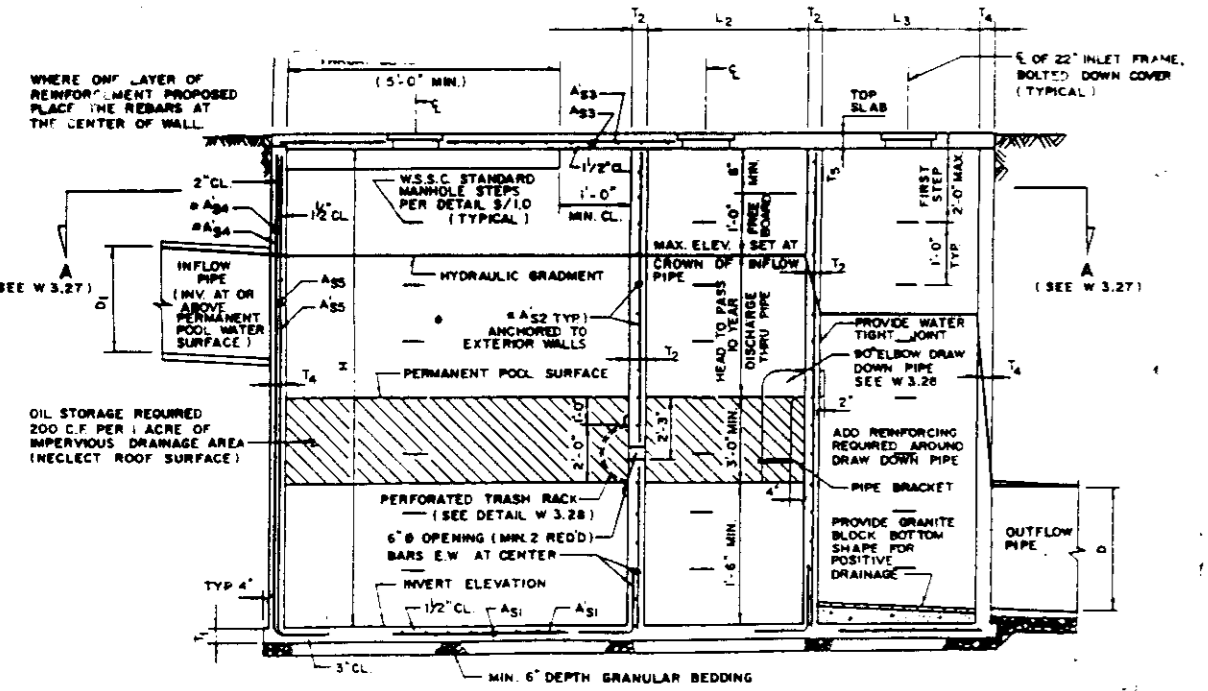
RIEMER MUEGGE & ASSOCIATES, INC.
 A Land Planning, Engineering and Consulting Firm
 3105 North Ridge Road Ellicott City, Maryland 21043
 301-461-2690 FAX: 301-750-3176

DATE 4-3-91
 DESIGNED BY: M.G.K.
 DRAWN BY: D.J.E.
 PROJECT NO: 90108
 DATE: APRIL 3, 1991
 SCALE: AS SHOWN
 DRAWING NO: 28 OF 40

Arthur E. Muegge
 ARTHUR E. MUEGGE #8707

AS BUILT CERTIFICATE
 ARTHUR E. MUEGGE #8707 DATE

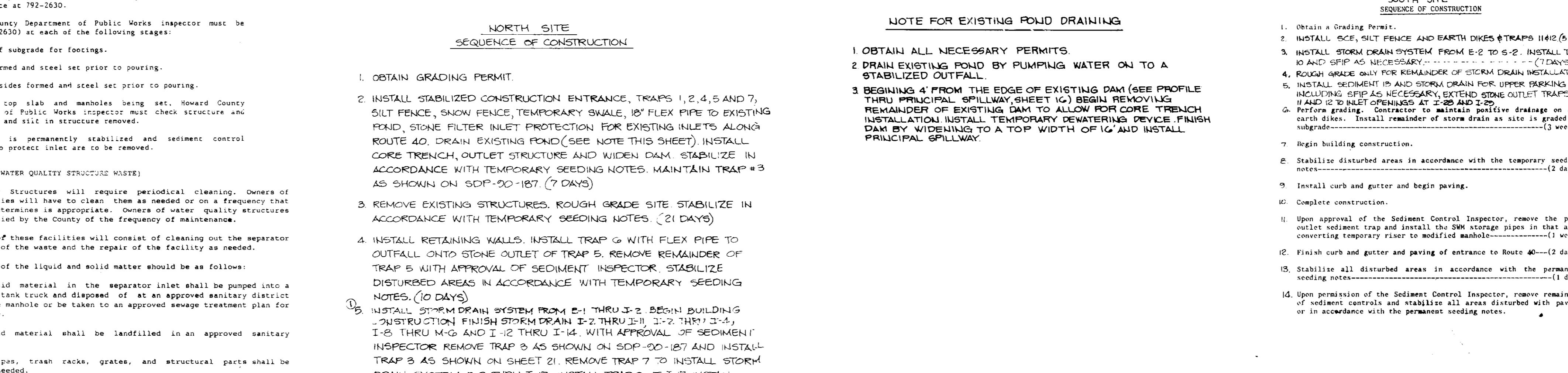
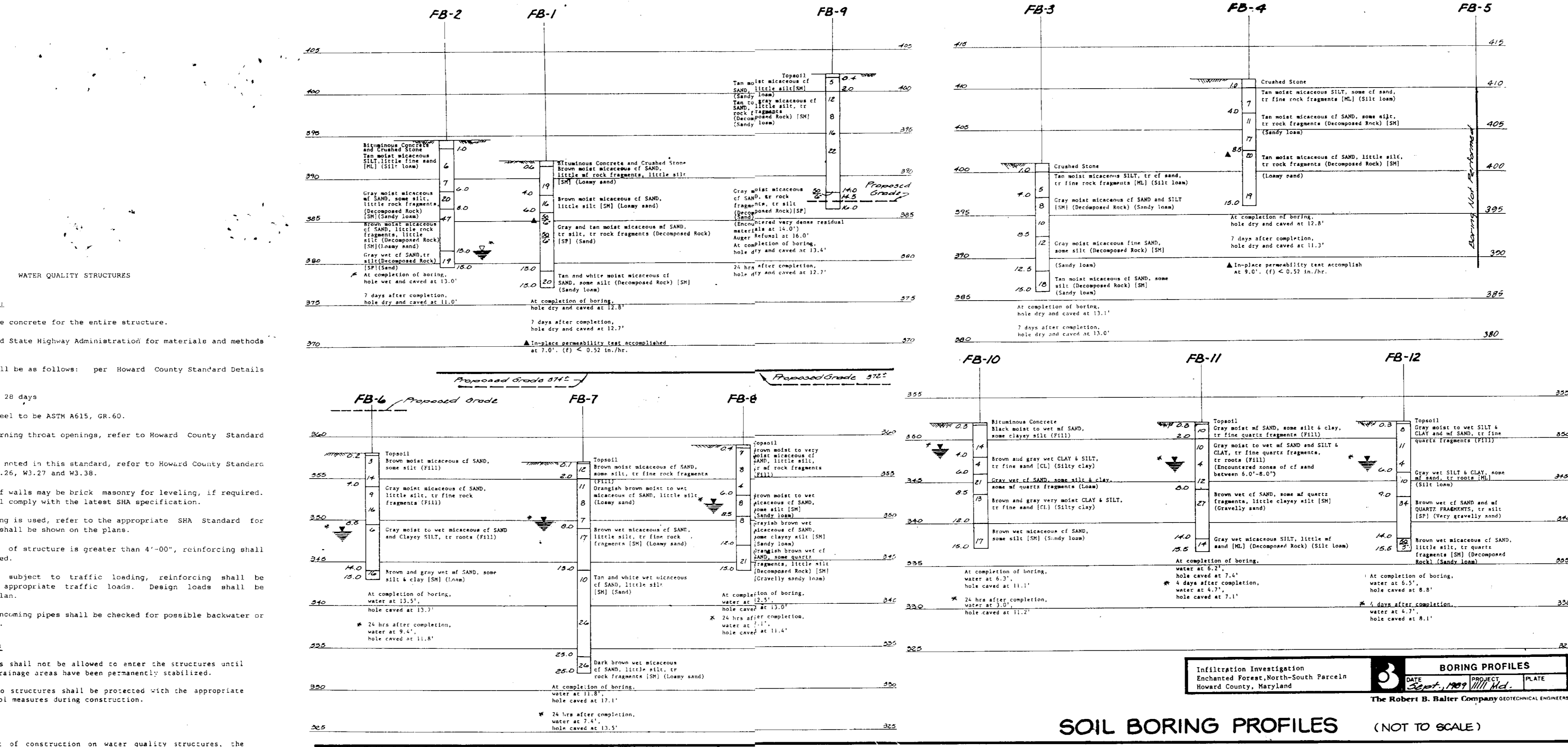
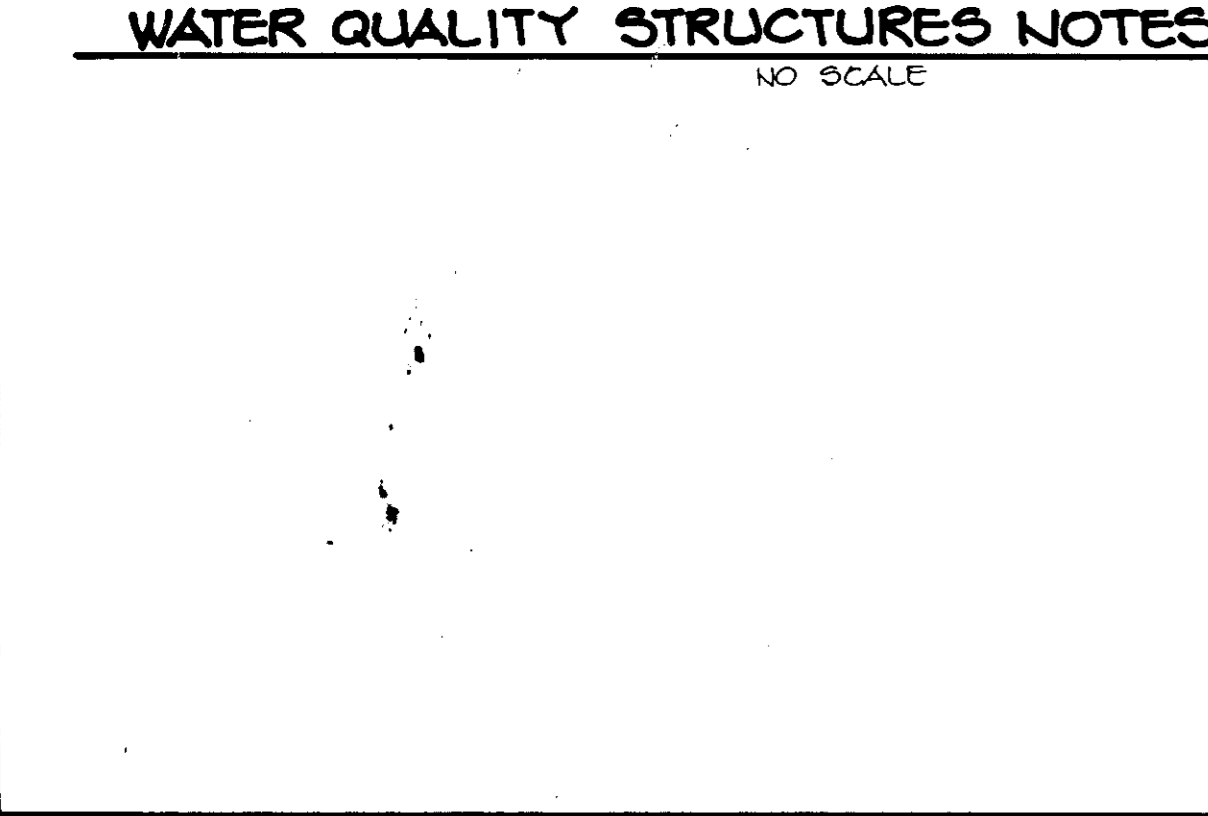
PLAN
 SCALE 1"=40'



STRUC. NUMBER	PAVED AREA (AC)	OR STORAGE REQUIRED (CY)	OR STORAGE PROVIDED (CY)	LI	L2	L3	B	H	FLOOR SLAB ELEV.	THROAT LENGTH	THROAT WIDTH	THROAT AREA (SQ FT)	UP	DOWN	AMOUNT	SIZE
I-10	0.37	74	120	6'-0"	4'-0"	4'-0"	4'-0"	10.50'	352.30	18'	30.60	547.60	367.30	3	6"	
I-21	0.20	40	75	6'-0"	4'-0"	4'-0"	2'-0"	10.92'	260.87	12'	30.67	522.06	331.47	2	6"	
I-22	0.19	38	75	6'-0"	4'-0"	4'-0"	2'-0"	10.18'	382.15	12'	30.67	302.60	203.60	2	6"	
I-23	0.31	62	120	6'-0"	4'-0"	4'-0"	3'-0"	14.82'	282.00	24'	30.74	807.44	507.10	2	12"	
I-25	0.27	54	120	6'-0"	4'-0"	4'-0"	4'-0"	11.87'	402.08	18'	40.56	414.62	414.30	3	6"	
I-28	0.50	112	112	6'-0"	4'-0"	4'-0"	3'-0"	11.77'	431.73	18'	40.56	413.54	419.00	3	6"	
I-20	0.36	72	105	6'-0"	4'-0"	4'-0"	3'-0"	9.95'	403.80	18'	40.30	414.47	414.10	3	6"	

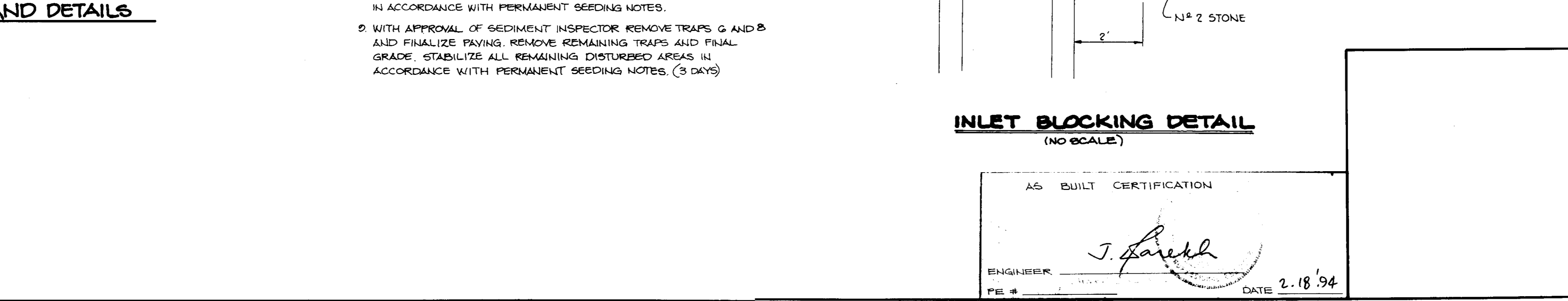
WATER QUALITY STRUCTURE CHART

STRUC. NUMBER	PAVED AREA (AC)	OR STORAGE REQUIRED (CY)	OR STORAGE PROVIDED (CY)	LI	L2	L3	B	H	FLOOR SLAB ELEV.	THROAT LENGTH	THROAT WIDTH	THROAT AREA (SQ FT)	UP	DOWN	AMOUNT	SIZE
I-10	0.37	74	120	6'-0"	4'-0"	4'-0"	4'-0"	10.50'	352.30	18'	30.60	547.60	367.30	3	6"	
I-21	0.20	40	75	6'-0"	4'-0"	4'-0"	2'-0"	10.92'	260.87	12'	30.67	522.06	331.47	2	6"	
I-22	0.19	38	75	6'-0"	4'-0"	4'-0"	2'-0"	10.18'	382.15	12'	30.67	302.60	203.60	2	6"	
I-23	0.31	62	120	6'-0"	4'-0"	4'-0"	3'-0"	14.82'	282.00	24'	30.74	807.44	507.10	2	12"	
I-25	0.27	54	120	6'-0"	4'-0"	4'-0"	4'-0"	11.87'	402.08	18'	40.56	414.62	414.30	3	6"	
I-28	0.50	112	112	6'-0"	4'-0"	4'-0"	3'-0"	11.77'	431.73	18'	40.56	413.54	419.00	3	6"	
I-20	0.36	72	105	6'-0"	4'-0"	4'-0"	3'-0"	9.95'	403.80	18'	40.30	414.47	414.10	3	6"	



WATER QUALITY STRUCTURE CHART

STRUC. NUMBER	PAVED AREA (AC)	OR STORAGE REQUIRED (CY)	OR STORAGE PROVIDED (CY)	LI	L2	L3	B	H	FLOOR SLAB ELEV.	THROAT LENGTH	THROAT WIDTH	THROAT AREA (SQ FT)	UP	DOWN	AMOUNT	SIZE
I-10	0.37	74	120	6'-0"	4'-0"	4'-0"	4'-0"	10.50'	352.30	18'	30.60	547.60	367.30	3	6"	
I-21	0.20	40	75	6'-0"	4'-0"	4'-0"	2'-0"	10.92'	260.87	12'	30.67	522.06	331.47	2	6"	
I-22	0.19	38	75	6'-0"	4'-0"	4'-0"	2'-0"	10.18'	382.15	12'	30.67	302.60	203.60	2	6"	
I-23	0.31	62	120	6'-0"	4'-0"	4'-0"	3'-0"	14.82'	282.00	24'	30.74	807.44	507.10	2	12"	
I-25	0.27	54	120	6'-0"	4'-0"	4'-0"	4'-0"	11.87'	402.08	18'	40.56	414.62	414.30	3	6"	
I-28	0.50	112	112	6'-0"	4'-0"	4'-0"	3'-0"	11.77'	431.73	18'	40.56	413.54	419.00	3	6"	
I-20	0.36	72	105	6'-0"	4'-0"	4'-0"	3'-0"	9.95'	403.80	18'	40.30	414.47	414.10	3	6"	



AS BUILT CERTIFICATION

ENGINEER: *J. Sarekh*

DATE: 2.18.94

BY THE DEVELOPER:

"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. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT."

James E. Hester 4/3/91
DEVELOPER DATE

BY THE ENGINEER:

"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."

Richard E. Muegge 4.3.91
ENGINEER DATE

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.

James E. Hester 4-17-91
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.

APPROVED: *Robert W. Ziehm* 4/17/91
HOWARD S. DATE

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

James E. Hester 5-2-91
HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

James E. Hester 5/2/91
DIRECTOR DATE

James E. Hester 5/2/91
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James E. Hester 4/26/91
DIRECTOR DATE

Richard E. Muegge 4-26-91
CHIEF, BUREAU OF ENGINEERING DATE

5-3-91 CHANGE NOTE #5

DATE	NO.	REVISION

OWNER/DEVELOPER

STONEHENGE LIMITED PARTNERSHIP
40 YORK ROAD
TOWSON, MARYLAND 21204

PROJECT: A COMMERCIAL CENTER
THE ENCHANTED FOREST
PARCELS A AND PARCELS G

AREA TAX MAP NO. 24 PARCELS 454, 564, 10, 68
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE: WATER QUALITY STRUCTURE DETAILS,
BORING PROFILES & DETAILS

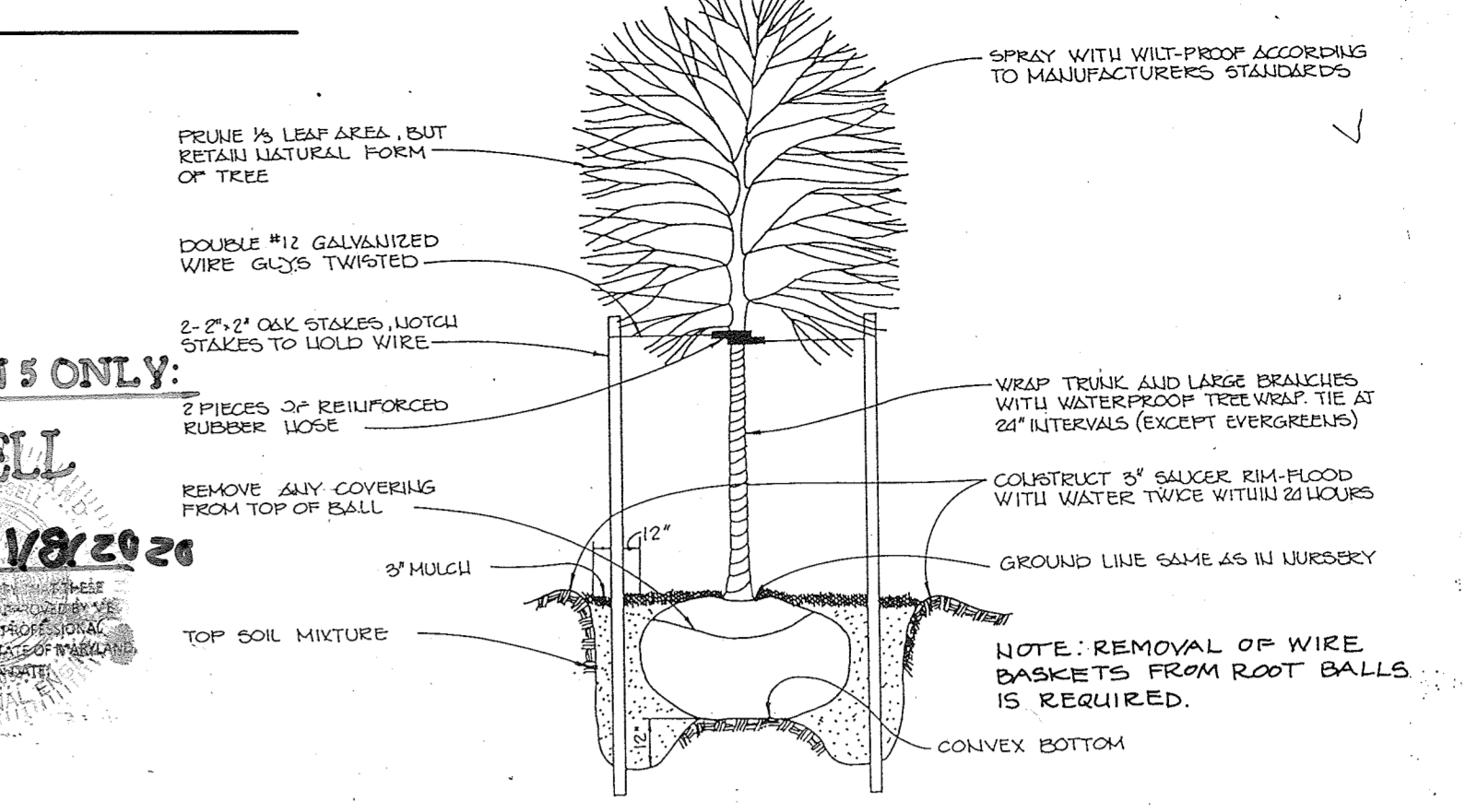
RIEMER MUEGGE & ASSOCIATES, INC.
A Land Planning, Engineering and Consulting Firm
3105 North Ridge Road Ellicott City, Maryland 21043
301-461-2690 FAX: 301-750-3176 SDP-90-107

DATE: 4.3.91

DESIGNED BY: M.G.K.
DRAWN BY: G.D.H.
PROJECT NO: 30108
DATE: APRIL 3, 1991
SCALE: AS SHOWN
DRAWING NO: 24 OF 40

ARTHUR E. MUEGGE, P.E. 3107

SDP-90-74



FOR REVISION # ONLY:

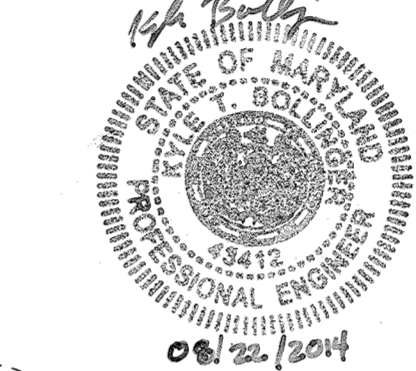
M.J. GESELL

1/8/2020

PREPARED BY: M.J. GESELL
DATE: 1/8/2020
PROJECT: ENCHANTED FOREST ESTATES SECTION ONE

NOTE: PLANT LIST SUMMARY FOR THIS SHEET SHOWN ON SHEET # 28.

NOTE: PLANT LIST SUMMARY FOR THIS SHEET SHOWN ON SHEET # 28.



AS BUILT CERTIFICATION

ENGINEER: JAYKANT C. PAREKH
PE # 10162 DATE: 5-2-91

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
JAYKANT C. PAREKH
COUNTY HEALTH OFFICER DATE: 5-2-91

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
JAMES J. CLUM
DIRECTOR DATE: 5/2/91

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
JAMES J. CLUM
DIRECTOR DATE: 5/2/91

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
JAMES J. CLUM
DIRECTOR DATE: 5/2/91

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
JAMES J. CLUM
DIRECTOR DATE: 5/2/91

LEGEND

- EXISTING/AS-BUILT LIGHTS
- PROPOSED LIGHT HEIGHT: 32'
- PROPOSED LIGHT HEIGHT: 11'
- PROPOSED LIGHT HEIGHT: 16'

LEGEND

- SINGLE LIGHT POLE

FOR REVISION # ONLY:
BY: BOHLEZ ENGINEERING

1. MICHAEL J. GESELL
HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A duly LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 44007 EXPIRATION: 6/19/13



BOARD OF ARCHITECTS
STATE OF MARYLAND
JOHN L. WALKER
DATE: 1/8/2020
ENGINEER/ARCHITECT

LOADING DOCK ADDITION BY GARRETT/GEORGE ASSOCIATES INCORPORATED. (215) 658-1380

Designate 9 Reserved Spaces for CCRS in front of Building C by Fisher, Collins & Carter, Inc. 1-5-05

ADDITION OF ELECTRIC VEHICLE CHARGING STATION BY HANLEY-WREN. 8/2/11

REVISED GRADING TO PLANT ISLAND BUFFER BY BOHLEZ ENGINEERING, 04/24/14 (LANDSCAPE SHEET 3)

REVISIONS TO LIGHTING PER AS-BUILT POLE LOCATIONS, PROPOSED LIGHTING, AND UPDATES PERMITS BY BOHLEZ ENGINEERING, 12/12/19

AS BUILT CERTIFICATION

ENGINEER: JAYKANT C. PAREKH
PE # 10162 DATE: 5-2-91

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
JAYKANT C. PAREKH
COUNTY HEALTH OFFICER DATE: 5-2-91

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
JAMES J. CLUM
DIRECTOR DATE: 5/2/91

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
JAMES J. CLUM
DIRECTOR DATE: 5/2/91

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
JAMES J. CLUM
DIRECTOR DATE: 5/2/91

Continued Below Left

DATE	NO.	REVISION
12-16-90	1	REVISE PLANTING & PLANT LIST

OWNER/DEVELOPER
STONEHENGE LIMITED PARTNERSHIP
40 YORK ROAD
GARNETT/GEORGE ASSOCIATES
INCORPORATED
200 N. EASTON ROAD, WILLOW GROVE, PA.
215-658-1380

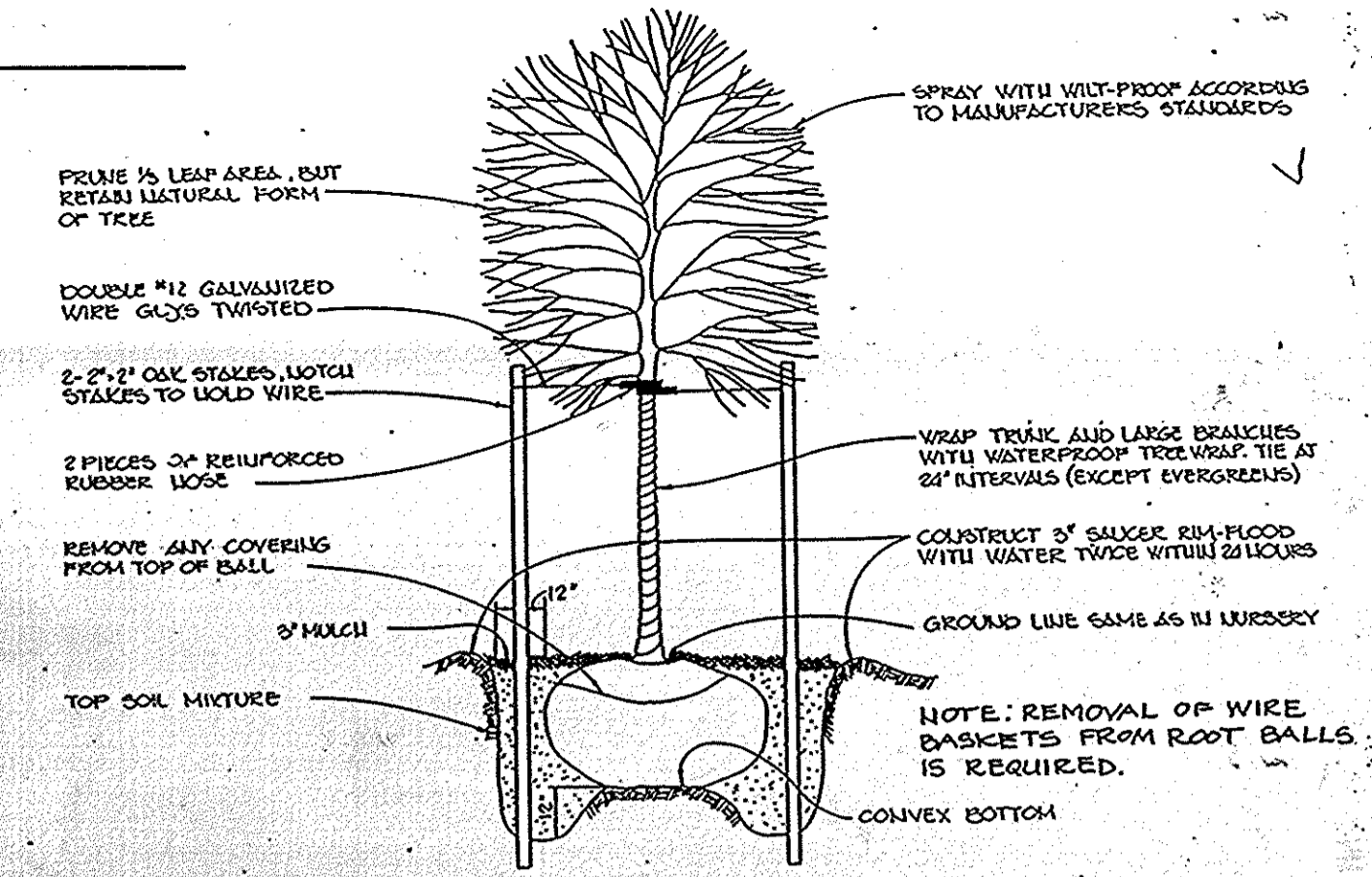
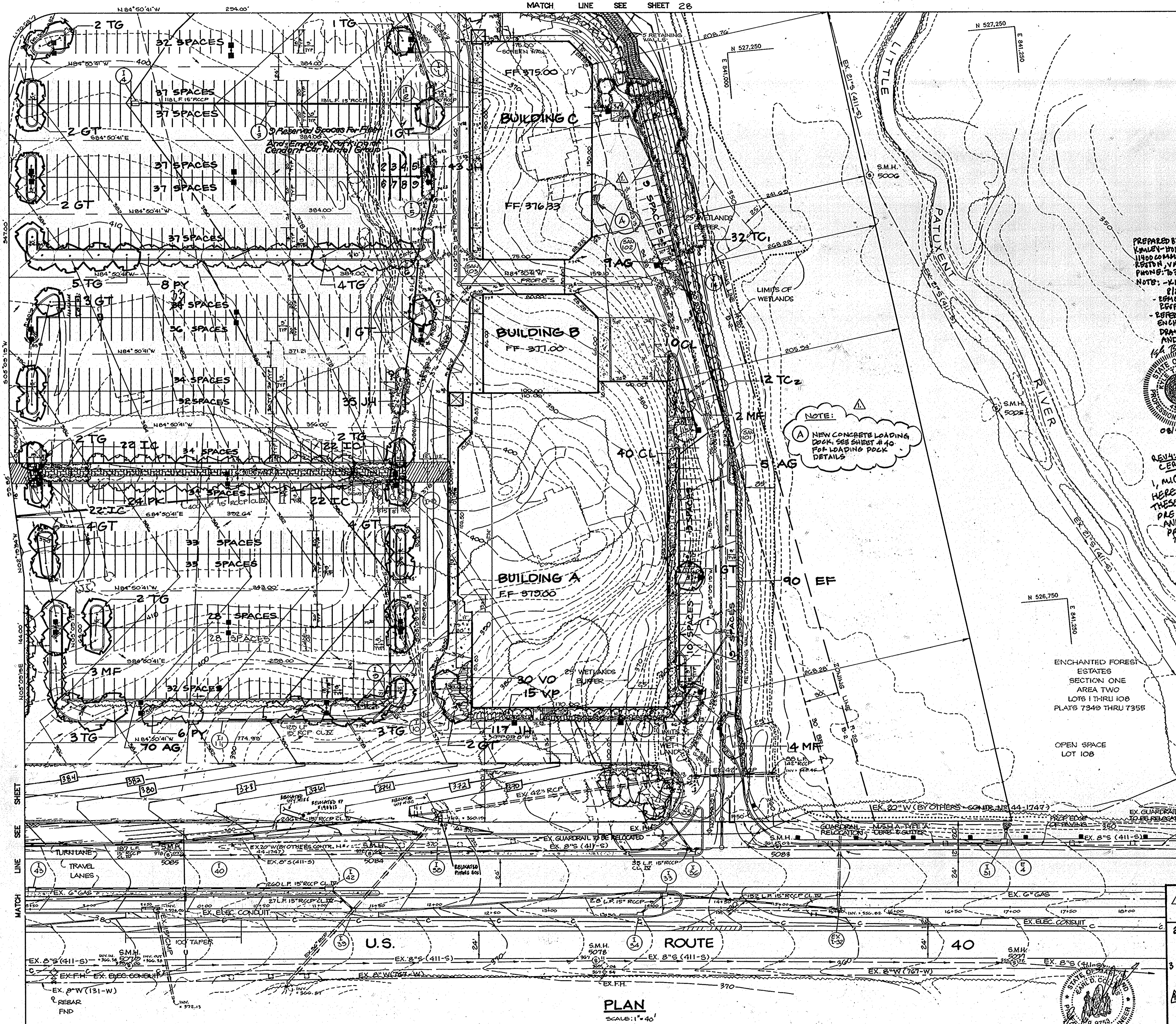
PROJECT: A COMMERCIAL CENTER
THE ENCHANTED FOREST
PARCEL 'A' AND PARCEL 'B'
AREA TAX MAP NO. 24 PARCELS 454, 544, D, G8
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE: **LANDSCAPE PLAN**

RIEMER MUEGGE & ASSOCIATES, INC.
A Land Planning, Engineering and Consulting Firm
3105 North Ridge Road Ellicott City, Maryland 21043
301-461-2690 FAX: 301-750-3176

DATE: 4-3-91
DESIGNED BY: Z.L.K.
DRAWN BY: Z.L.K.
PROJECT NO: 30108
DATE: APRIL 3, 1991
SCALE: AS SHOWN

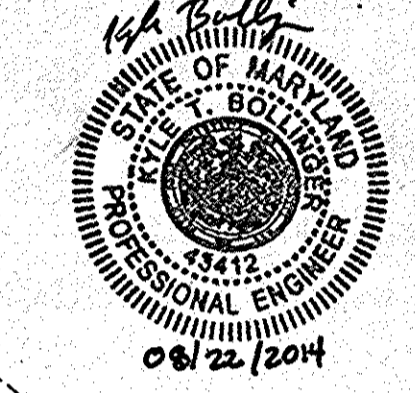
DRAWING NO. 200 OF 42
SDF-90-74



PREPARED BY:
KIMLEY-HORN
1100 COMMONWEALTH DRIVE, SUITE 400
RESTON, VA 20191
PHONE: 703-471-1800
FAX: 703-471-1800

NOTE: PLANT LIST SUMMARY FOR THIS SHEET SHOWN ON SHEET # 28.

NOTE: - KIMLEY-HORN IS RESPONSIBLE FOR FIELD REVISIONS ONLY.
- OWNER, MUEGGE AND ASSOCIATES IS RESPONSIBLE FOR ORIGINAL DESIGN.
- REFER TO EXISTING RECORD DRAWING AT ENCHANTED FOREST CONSTRUCTION DRAWINGS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.



PROFESSIONAL CERTIFICATION

I, MICHAEL J. GEISEL, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO: 44097 EXPIRATION: 6/19/15

LEGEND

□ □ DOUBLE LIGHT POLE
■ SINGLE LIGHT POLE

FOR REVISION 4 ONLY:
BY: BOHLER ENGINEERING



AS BUILT CERTIFICATION

ENGINEER: JAYKANT D. PAREKH
PE # 10148
DATE: _____

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

Jaykant D. Parekh
COUNTY HEALTH OFFICER
DATE: 5-2-91

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

James P. Stewart
DIRECTOR
DATE: 5/2/91

Frank W. Conell
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT
DATE: 5/2/91

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James P. Stewart
DIRECTOR
DATE: 4/26/91

James P. Stewart
CHIEF, BUREAU OF ENGINEERING
DATE: 4-26-91

Continued Below Left

DATE	NO.	REVISION
12-16-90	1	REVISE PLANTING & PLANT LIST

OWNER/DEVELOPER

STONEHENGE LIMITED PARTNERSHIP
40 YORK ROAD
EASTON, MARYLAND 21204

PROJECT: A COMMERCIAL CENTER
THE ENCHANTED FOREST
PARCEL 'A' AND PARCEL 'B'

AREA TAX MAP NO. 24 PARCELS 454, 564, 10, 68
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE: **LANDSCAPE PLAN**

RIEMER MUEGGE & ASSOCIATES, INC.
A Land Planning, Engineering and Consulting Firm
3105 North Ridge Road Elliecott City, Maryland 21043
301-461-2690 FAX: 301-750-3176

DATE: 4-3-91

DESIGNED BY: Z.L.K.

DRAWN BY: Z.L.K.

PROJECT NO: 30108

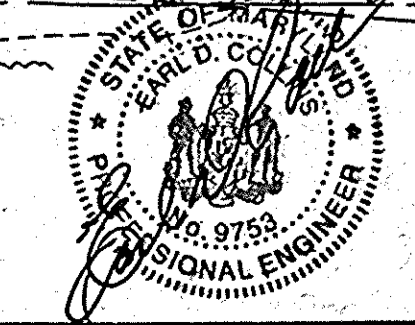
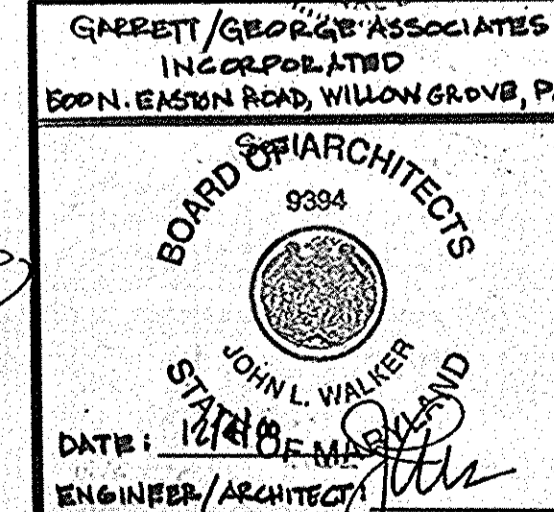
DATE: APRIL 3, 1991

SCALE: AS SHOWN

DRAWING NO. 200 OF 42

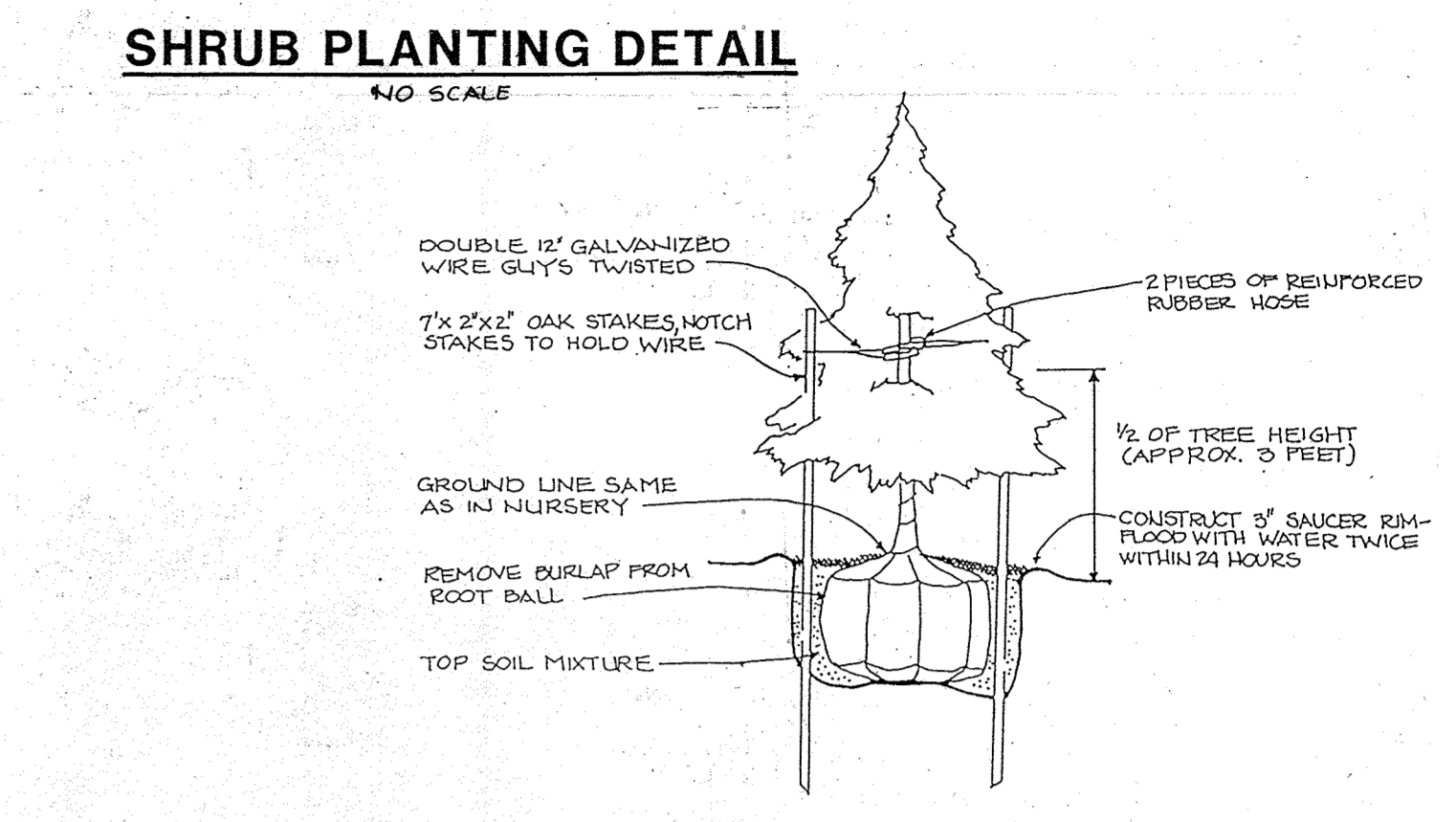
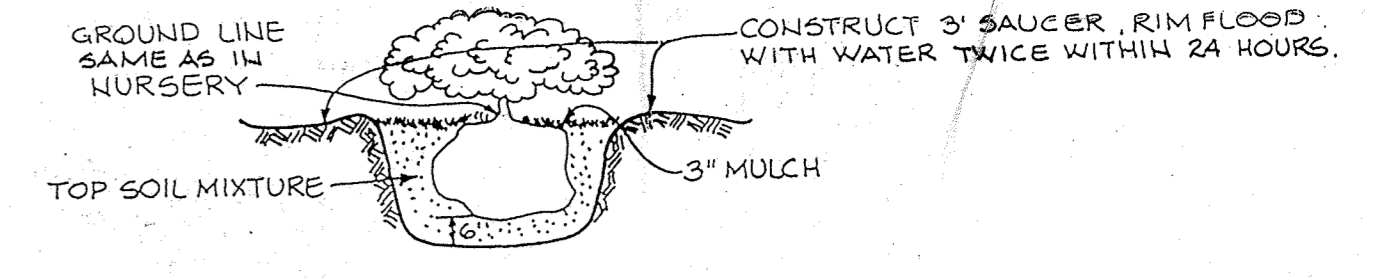
Melanie Moser
MELANIE MOSER #651
SDP-90-74 AS-BUILT

- LOADING DOCK ADDITION BY GARRETT/GEORGE ASSOCIATES INCORPORATED, (215) 658-1380
- Designate 9 Reserved Spaces for CCRG in part of Blg. C by Fisher, Collins & Carter, Inc. 1-5-05
- ADDITION OF ELECTRIC VEHICLE CHARGING STATION BY KIMLEY-HORN, 8/22/14
- REVISED GRADING TO PREPARE LAND BUFFER BY BOHLER ENGINEERING, 01/21/14 (LANDSCAPE SHEETS REPLACED)





PLAN
SCALE 1"=40'



- LEGEND**
- ⊕ EXISTING/AS-BUILT LIGHTS
 - ⊙ PROPOSED LIGHT HEIGHT: 10'
 - ⊙ PROPOSED LIGHT HEIGHT: 11'-6"
 - ⊙ PROPOSED LIGHT HEIGHT: 14'
 - ⊙ PROPOSED LIGHT HEIGHT: 15'-6"

FOR REVISION 5 ONLY:

M. G. SELLS
1/8/2020

PROFESSIONAL CERTIFICATE
NO. 11111
EXPIRES 12/31/2020

LEGEND

- DOUBLE LIGHT POLE
- SINGLE LIGHT POLE

FOR REVISION 4 ONLY:
BY: BOHLER ENGINEERING

10/7/14

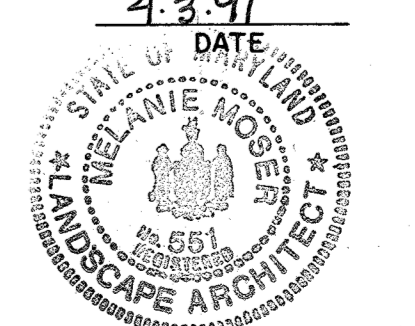
NOTE: PLANT LIST SUMMARY FOR THIS SHEET SHOWN ON SHEET #20

AS BUILT CERTIFICATION	
ENGINEER	JAYKANT D. PARCHI
PE #	10128
DATE	
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.	
<i>Jaykant D. Parchi</i>	5-2-91
COUNTY HEALTH OFFICER	DATE
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.	
<i>Joseph Beuth</i>	5/3/91
DIRECTOR	DATE
<i>Mark S. Long</i>	5/6/91
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT	DATE
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.	
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
<i>James J. ...</i>	4/26/91
DIRECTOR	DATE
<i>J.C. ...</i>	4-26-91
CHIEF, BUREAU OF ENGINEERING	DATE
12-16-90	1 REVISE PLANTING & PLANT LIST
DATE	NO REVISION
OWNER/DEVELOPER	
STONEHENGE LIMITED PARTNERSHIP 40 YORK ROAD TOWSON MARYLAND 21204	
PROJECT: A COMMERCIAL CENTER THE ENCHANTED FOREST PARCELS A' AND PARCEL 'G'	
AREA TAX MAP NO. 24 PARCELS 484, 564, 15, 68 2 ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TITLE: LANDSCAPE PLAN	
RIEMER MUEGGE & ASSOCIATES, INC. A Land Planning, Engineering and Consulting Firm 3105 North Ridge Road Ellicott City, Maryland 21043 301-461-2690 FAX: 301-750-3176	
4-3-91	DATE
DESIGNED BY: Z.L.K.	
DRAWN BY: Z.L.K.	
PROJECT NO: 9010B	
DATE: APRIL 3, 1991	
SCALE: AS SHOWN	
DRAWING NO. 27 OF 27	
MELANIE MOSER LANDSCAPE ARCHITECT SDP-90-74	

REVISION GRADING TO FRONT ISLAND BUFFER BY BOHLER ENGINEERING. OUTLIFT (LANDSCAPE SHEETS ARE RE-PLACED).

UPDATED LIGHTING PER AS-BUILT POLE LOCATIONS, PROPOSED TWO (2) LIGHTS, AND UPDATES FACING BY BOHLER ENGINEERING. 12/1/19.

REVISE DRIVEWAY STRIP, INSTALL 24" STOP BAR AND ADD STOP SIGN. 09/26/23



Qty.	Symbol	Name	Size	Remarks
84	AC	ABELIA GRANDIFLORA Glossy Abelia	24-30" Ht.	Cont. 4' O.C.
50	CL	CUPRESSOCYPARIS LEYLANDII Leyland Cypress	5-6' Ht.	B & B
342	EF	EYONYMUS FORTUNEI COLORATUS Wintercreeper	Flats of 100 rooted cuttings	9" O.C. Double row at base of retaining wall
20	GT	GLEDTISIA TRIACANTHOS INERNIS "Moraine" Moraine Honey Locust	2 1/2-3" cal.	B & B
39	HH	HEDERA HELIX English Ivy	Flats of 100 rooted cuttings	9" O.C.
88	IC	ILEX CRENATA 'COMPACTA' Compact Japanese Holly	24-30" Ht.	3' O.C.
61	IH	ILEX CRENATA 'HELLERI' Helleri Japanese Holly	15-18" spread	Cont. 3' O.C.
4	IN	ILEX X 'NELLIE R. STEVENS' Nellie Stevens Holly	6-7' Ht.	B & B
366	JH	JUNIPERUS HORIZONTALIS 'PLUMOSA COMPACT' Dwarf Andora Juniper	18-24" spread	3' O.C.
13	MF	MALUS FLORIBUNDA Japanese Flowering Crabapple	8-10' Ht.	B & B
7	MS	MAGNOLIA STELLATA Star Magnolia	7-8' Ht.	B & B 3 Stems/Tree
24	PK	PRUNUS SERRULATA 'KMANZAN' Kwanzan Cherry	8-10'	B & B
107	PS	PINUS STROBUS White Pine	5-6' Ht.	B & B Natural
27	PY	PRUNUS YEDOENSIS Yoshino Cherry	8-10' Ht.	B & B
32	TC1	TSUGA CANADENSIS Canadian Hemlock	6-7' Ht.	B & B Unsheared
12	TC2	TSUGA CANADENSIS Canadian Hemlock	7-8' Ht.	B & B Unsheared
31	TC	TILIA CORDATA 'GREENSPIRE' Greenspire Littleleaf Linden	2 1/2-3" cal. 12-14" Ht.	B & B Full crown
30	VO	VIBURNUM OPLULIS 'NANUM' Dwarf European Cranberrybush Viburnum	15-18"	2 1/2' O.C. Cont.
15	VP	VIBURNUM PLICATUM TOMENTOSUM 'HARESI' Haresi Doublefile Viburnum	3-4' Ht.	B & B



AS BUILT CERTIFICATION
 ENGINEER: JAYKANT O. PARIKH
 P.E. # 10148 DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
 JOHN B. BAKER 5-2-91
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
 JAMES V. DEWY 5/3/91
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 JAMES P. SUM 4/26/91
 CHIEF, BUREAU OF ENGINEERING DATE

4-12-2002 6 ADDED PARKS 2B, 21C, 28B FOR REV. TO LANDSCAPE BUFFER
 12-16-90 1 REVISE PLANTING & PLANT LIST
 DATE NO REVISION

OWNER/DEVELOPER
 STONEHENGE LIMITED PARTNERSHIP
 40 YORK ROAD
 TOWSON MARYLAND 21204

PROJECT: A COMMERCIAL CENTER
THE ENCHANTED FOREST
 PARCELS 'A' AND PARCEL 'B'
 AREA TAX MAP NO. 24 PARCELS 454, 564, 10, 68
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TITLE: **LANDSCAPING PLAN AND PLANT LIST**

RIEMER MUEGGE & ASSOCIATES, INC.
 A Land Planning, Engineering and Consulting Firm
 3105 North Ridge Road Ellicott City, Maryland 21043
 301-461-2690 FAX: 301-750-3176

DATE: 4-3-91
 DESIGNED BY: Z.L.K.
 DRAWN BY: Z.L.K.
 PROJECT NO: 9010B
 DATE: APRIL 3, 1991
 SCALE: AS SHOWN
 DRAWING NO. 28 OF 42

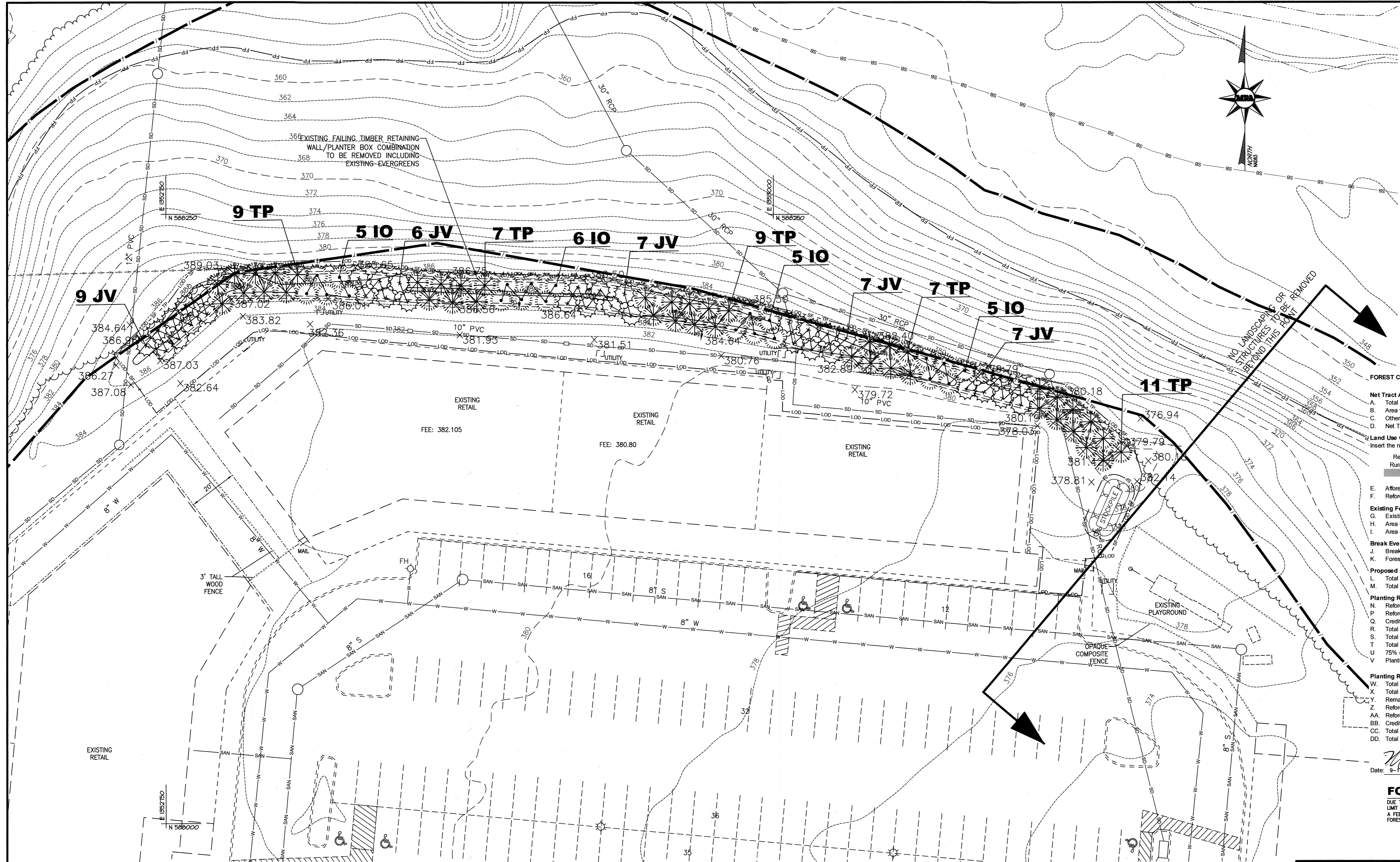
FOR REVISION 4 ONLY:
 BY: DONLGE ENGINEERING
 M.J. W. (10/17/94)
 PROFESSIONAL CERTIFICATION
 I, MICHAEL J. GEORGE, hereby CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A ONLY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 101487, EXPIRATION DATE: 6/15

FOR REVISION 5 ONLY:
 M.J. W. (1/8/2020)
 I, MICHAEL J. GEORGE, hereby CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A ONLY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 101487, EXPIRATION DATE: 6/15

REVISION #6 ONLY
 BY MORRIS & RITHE ASSOC., INC.



PLAN
 SCALE: 1" = 40'



**SCHEDULE A
PERIMETER LANDSCAPE EDGE
(428 LF OF PLANTER BOX TO BE REMOVED)
NON-RESIDENTIAL USE TO RESIDENTIAL USE**

LANDSCAPE TYPE	ADJACENT TO PERIMETER PROPERTIES
LINEAR FEET OF ROADWAY FRONTAGE/PERIMETER	C BUFFER
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO
CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	YES, 428 LF BERM AT LEAST 3' IN HEIGHT
NUMBER OF PLANTS REQUIRED SHADE TREE EVERGREEN TREES SHRUBS	11 (1:40) 22 (1:20) 0
NUMBER OF PLANTS PROVIDED SHADE TREE EVERGREEN TREES (2:1 SUBSTITUTION) OTHER TREES (2:1 SUBSTITUTION) SHRUBS (10:1 SUBSTITUTION) (DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED)	NONE 100* NONE NONE

*NOTE: NUMBER OF EVERGREENS PROPOSED (100) IS BASED ON DECLARATION OF COVENANTS CONDITIONS AND RESTRICTIONS SIGNED ON OCTOBER 18, 1988 BETWEEN THE PROPERTY OWNER AND ADJACENT RESIDENCES AND AS DESCRIBED IN 2.1(f)(2)(ii) ON PAGE 6.

FOREST CONSERVATION WORKSHEET FOR: Patapasco Valley Business Center, Parcel E-1 Prologis

Net Tract Area

A. Total (Gross) Tract Area	A = 0.3
B. Area within 100-year Floodplain	B = 0.0
C. Other Deductions (Identify)	C = 0.0
D. Net Tract Area	D = 0.3

Land Use Category

Insert the number "1" under the appropriate land use (limit to only one entry)

Resid.	Resid.	Resid.	Inst./	Retail/Ind./	Mixed Use/
Rural LD	Rural MD	Suburban	Linear	Office	PUD
0	0	0	0	0	0

E. Afforestation Threshold (Net Tract Area x 15%) E = 0.1
 F. Reforestation Threshold (Net Tract Area x 15%) F = 0.1

Existing Forest Cover

G. Existing Forest Cover within the Net Tract Area	G = 0.0
H. Area of Forest above Afforestation Threshold	H = 0.0
I. Area of Forest above Reforestation Threshold	I = 0.0

Break Even Point

J. Break Even Point	J = 0.0
K. Forest Clearing Permitted without Mitigation	K = 0.0

Proposed Forest Clearing

L. Total Area of Forest to be Cleared	L = 0.0
M. Total Area of Forest to be Retained	M = 0.0

Planting Requirements Inside Watershed

N. Reforestation for Clearing above the Reforestation Threshold	N = 0.0
P. Reforestation for Clearing below the Reforestation Threshold	P = 0.0
Q. Credit for Retention above the Reforestation Threshold	Q = 0.0
R. Total Reforestation Required	R = 0.0
S. Total Afforestation Required	S = 0.1
T. Total Reforestation and Afforestation Requirement	T = 0.1
U. 75% of Total Obligation (Retention + Planting)	U = 0.1
V. Planting Required Onsite to meet 75% Obligation	V = 0.1

Planting Requirements Outside Watershed

W. Total Planting within Development Site Watershed	W = 0.0
X. Total Afforestation Required	X = 0.1
Y. Remaining Planting within Watershed for Reforestation Credit	Y = 0.0
Z. Reforestation for Clearing above the Reforestation Threshold	Z = 0.0
AA. Reforestation for Clearing below the Reforestation Threshold	AA = 0.0
BB. Credit for Retention above the Reforestation Threshold	BB = 0.0
CC. Total Reforestation Required	CC = 0.0
DD. Total Afforestation and Reforestation Requirement	DD = 0.1

Date: 9-1-2022

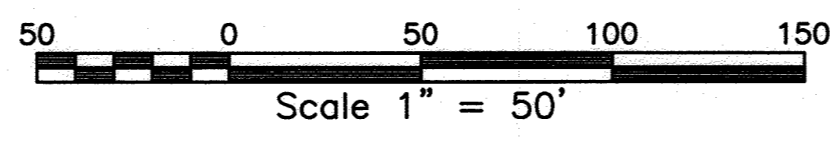
FOREST CONSERVATION NOTE

DUE TO THE SMALL WOODLAND AFFORESTATION/REFORESTATION OBLIGATIONS CALCULATED ABOVE USING THE LIMIT OF DISTURBANCE FOR THE NET LAND AREA A FEE-IN-LIEU HAS BEEN APPROVED WITH WP-22-131. A FEE IN THE AMOUNT OF \$5445 SHALL BE PAID BY CHECK TO BE APPLIED TO THE HOWARD COUNTY FOREST CONSERVATION FUND PRIOR TO ISSUANCE OF A GRADING PERMIT FOR THE PROPOSED IMPROVEMENTS.

LEGEND

- | | |
|-----------------------------|---------------------------------|
| EX. PROPERTY LINE | EX. FIRE HYDRANT |
| EX. RIGHT-OF-WAY | EX. LIGHT POLE |
| EX. ADJACENT PROPERTY LINE | EX. STORM DRAIN |
| EX. FLOODPLAIN | EX. EASEMENT |
| EX. STREAM (GIS) | EX. 2' CONTOUR |
| EX. POND (GIS) | EX. 10' CONTOUR |
| EX. STREAM BUFFER | PR. 2' CONTOUR |
| EX. BUILDING | PR. 10' CONTOUR |
| EX. BUILDING OVERHANG | PR. LIMIT OF DISTURBANCE (LOD) |
| EX. CURB | PR. LOD/SILT FENCE |
| EX. PAVEMENT/EDGE OF GUTTER | PR. AMERICAN HOLLY (IO) |
| EX. WALK | PR. EASTERN RED CEDAR (JV) |
| EX. WOOD FENCE | PR. GREEN GIANT ARBORVITAE (TP) |
| EX. METAL FENCE | |
| EX. TREELINE | |
| EX. SANITARY SEWER LINE | |
| EX. WATERLINE | |

LANDSCAPE PLAN



LANDSCAPE PLANT LIST (FOR BUFFER REPLACEMENT ONLY)

EVERGREEN TREES				
IO	Ilex opaca American Holly	6'-8' Tall	B & B	21
JV	Juniperus virginiana Eastern Red Cedar	6'-8' Tall	B & B	36
TP	Thuja standishii x plicata 'Green Giant' Green Giant Arborvitae	6'-8' Tall	B & B	43
TOTAL EVERGREEN TREES				100

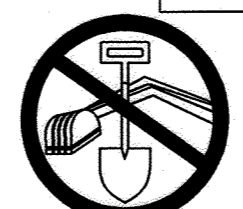
LANDSCAPE NOTE

ANY LANDSCAPING REMOVED FOR CONSTRUCTION THAT IS NOT IN THE PLANTER BOX STRUCTURE THAT IS ASHIC AND BEYOND DUE TO DAMAGE OR ACCESS REQUIREMENTS, IS TO BE REPLACED BY SIMILAR PLANTING.

APPROVED: DEPARTMENT OF PLANNING AND ZONING

[Signature] 9-12-22
 CHIEF, DEVELOPMENT ENGINEERING DIVISION J.P. DATE

CHIEF DIVISION OF LAND DEVELOPMENT
[Signature] DATE
 DIRECTOR DATE



BEFORE YOU DIG
 CALL UTILITY
 SERVICES
 IT'S THE LAW
 MISS UTILITY
 1-800-257-7777

APPLICANT/OWNER/DEVELOPER:
 KIMCO REALTY CORPORATION, ENCHANTED FOREST, LLC
 ADDRESS: 2080 YORK ROAD, SUITE 285
 TIMONUM, MD 21093
 CONTACT: MS. DANIELLE JOHNSON
 PROPERTY MANAGER | PROPERTY MANAGEMENT
 EMAIL: DNJohnson@kimcorealty.com



MORRIS & RITCHIE ASSOCIATES, INC.
 ENGINEERS, PLANNERS, SURVEYORS AND LANDSCAPE ARCHITECTS

14280 PARK CENTER DRIVE
 LAUREL, MD 20707
 (410) 792-9792 / (301) 776-1690
 MRAGTA.COM

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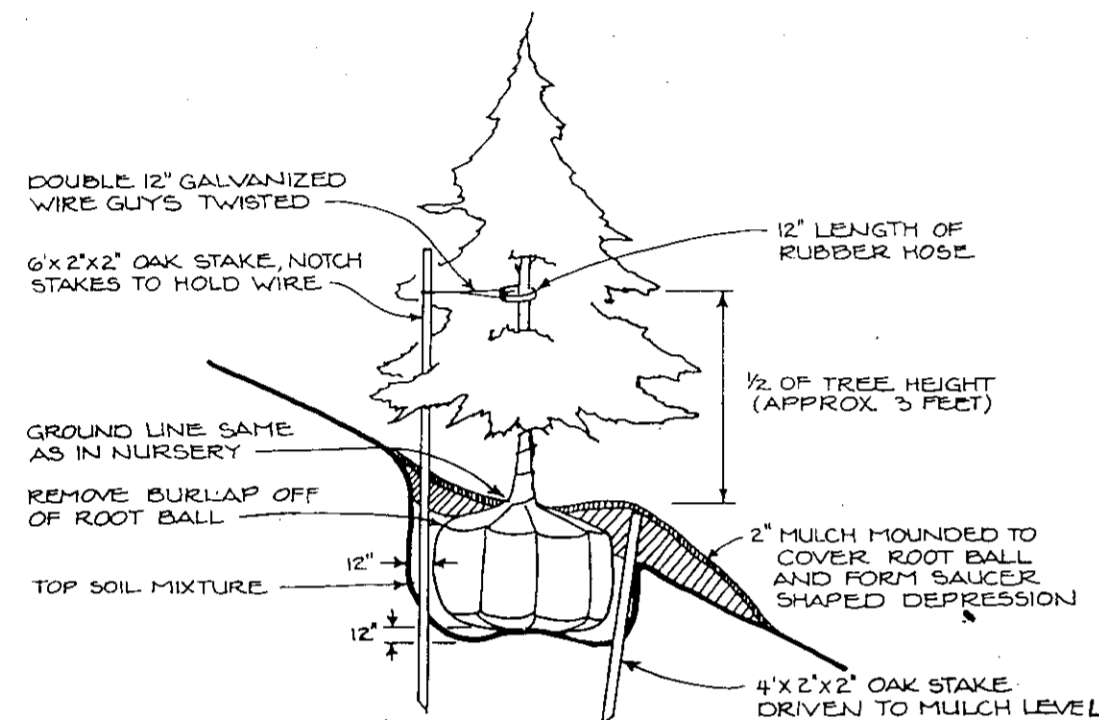
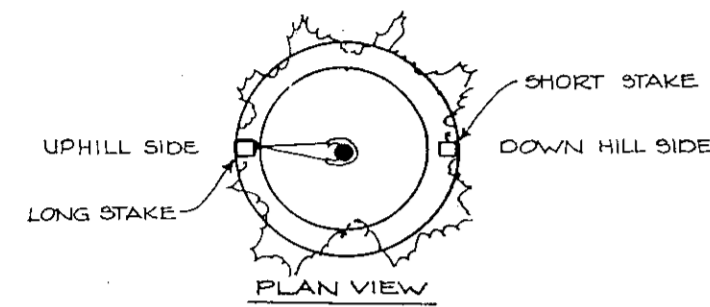
ENCHANTED FOREST SHOPPING CENTER
 10040 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY

LANDSCAPE BUFFER REPLACEMENT PLAN

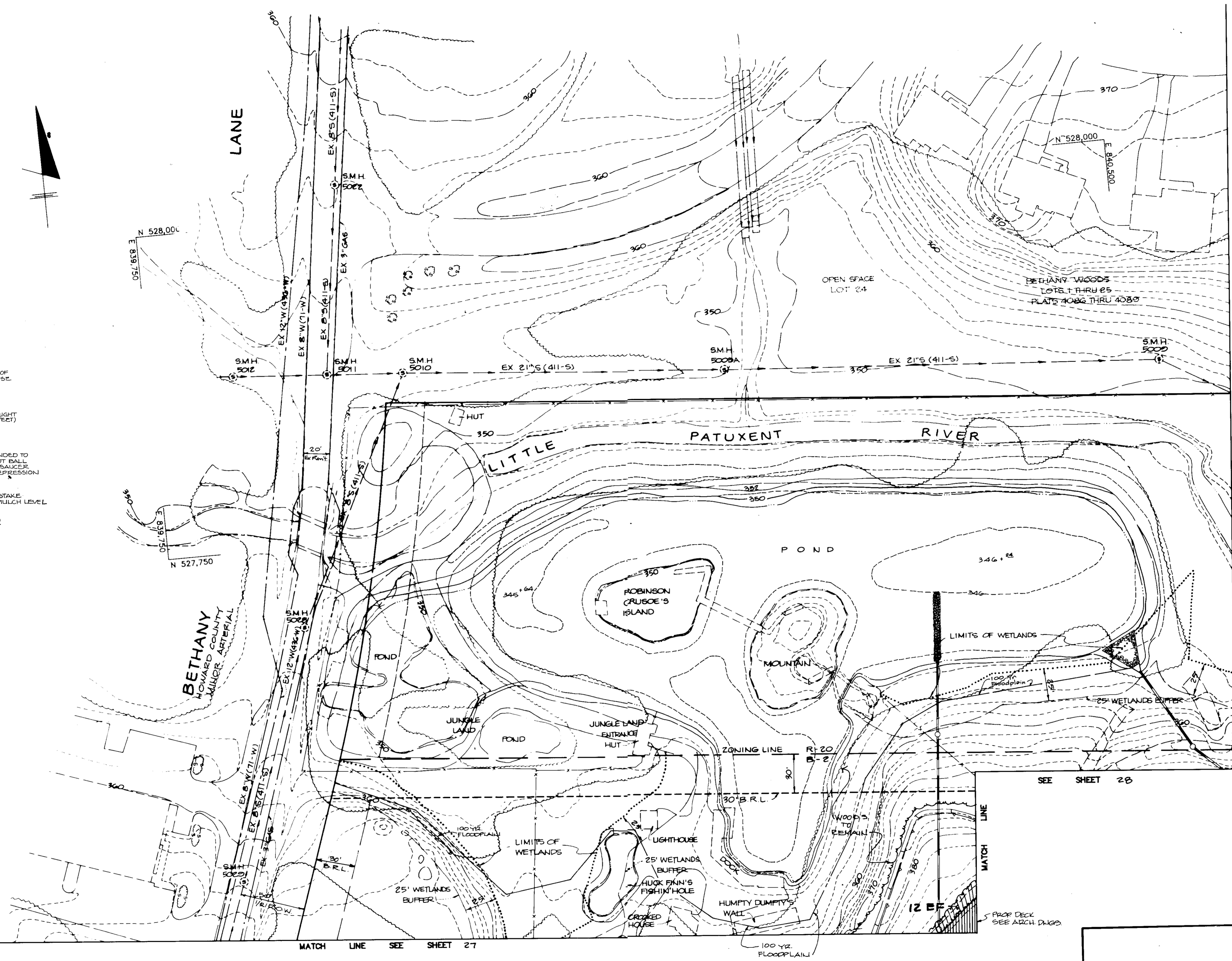
TAX MAP 24 GRID 2 PARCEL 454 ZONE: B-2
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND 21042

DATE	REVISIONS	JOB NO.:
4-12-2022	6. ADDED PAGES 21B, 21C and 28B TO PLAN FOR REVISION TO REAR LANDSCAPE BUFFER	21383
		SCALE: 1" = 50'
		DATE: 4-19-2022
		DRAWN BY: MAM
		DESIGN BY: MAM
		REVIEW BY: TFM
		SHEET: 28B OF 42

SDP-90-074



PLANTING DETAIL FOR STEEP SLOPES
NO SCALE

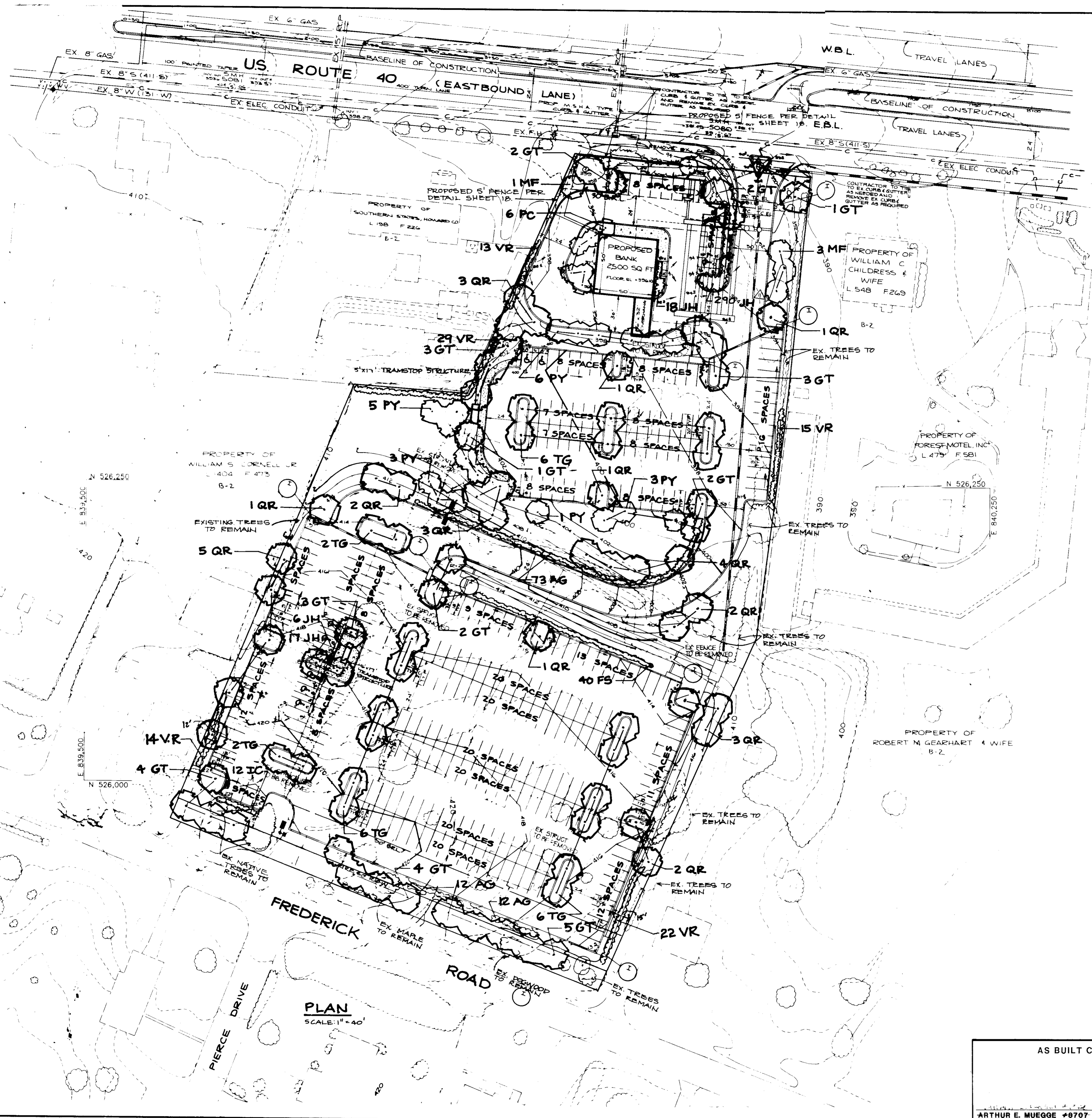


PLAN
SCALE 1"=40'

NOTE: PLANT LIST SUMMARY FOR THIS SHEET SHOWN ON SHEET # 28.

AS BUILT CERTIFICATION	
ENGINEER	DATE
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.	
<i>James P. ...</i>	5-2-91
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.	
<i>James ...</i>	5/2/91
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.	
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
<i>James ...</i>	4/26/91
DATE NO REVISION	
OWNER/DEVELOPER	
STONEHENGE LIMITED PARTNERSHIP 40 YORK ROAD TOWSON MARYLAND 21284	
PROJECT A COMMERCIAL CENTER THE ENCHANTED FOREST PARCEL 'A' AND PARCEL 'B'	
AREA TAX MAP NO. 24 PARCELS 454, 504, 10 68 2 ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TITLE: LANDSCAPE PLAN	
RIEMER MUEGGE & ASSOCIATES, INC. A Land Planning, Engineering and Consulting Firm 3105 North Ridge Road Ellicott City, Maryland 21043 301-461-2690 FAX: 301-750-3176	
DESIGNED BY: Z.L.F.	DATE: APRIL 3, 1991
DRAWN BY: Z.L.F.	SCALE: AS SHOWN
PROJECT NO: 9010B	DRAWING NO: 20 OF 40

MARYLAND EQUIPMENT CO. INC. 700007



PLANT LIST (THIS SHEET ONLY)

Qty.	Symbol	Name	Size	Remarks
32	GT	GLEDITSIA TRIACANTHOS INERMIS 'MOBIAINE'	2 1/2-3" cal. 12-14" Ht.	B & B
12	IC	ILEX CRENATA 'COMPACTA'	24-30" Ht.	3' O.C.
331	JH	JUNIPERUS HORIZONTALIS 'PLUMOSA COMPACTA'	18-24" spread	3' O.C.
4	NF	MALUS FLORIBUNDA	8-10' Ht.	B & B
6	PC	PYRUS CALLERYANA 'ARISTOCRAT'	8-10' Ht.	B & B
29	QR	QUERCUS RUBRA	2 1/2-3" cal. 12-14" Ht.	B & B
22	TG	TILIA CORDATA 'GREENSPIRE'	2 1/2-3" cal. 12-14" Ht.	B & B
45	VR	VIBURNUM RHYTIDOPHYLLUM	30-36" Ht.	5' O.C.
97	AG	ABELIA GRANDIFLORA	24-30" Ht.	4' O.C.
18	PY	PRUNUS YEDOENSIS	8-10' Ht.	B & B
40	FS	FORSYTHIA SUSPENSIA	24-30" Ht.	B & B or CONT.



LEGEND
 ■ ■ ■ DOUBLE LIGHT POLE
 ■ ■ ■ SINGLE LIGHT POLE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
Joseph B. ... 4-2-91
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
Joseph B. ... 5/3/91
 DIRECTOR DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James J. ... 4/26/91
 DIRECTOR DATE

William B. ... 4-26-91
 CHIEF, BUREAU OF ENGINEERING DATE

DATE	NO	REVISION

OWNER/DEVELOPER
 STONEHENGE LIMITED PARTNERSHIP
 40 YORK ROAD
 TOWSON MARYLAND 21204

PROJECT
THE ENCHANTED FOREST
 PARCEL A & PARCEL G

AREA TAX MAP NO 24 PARCELS 454, 564, 10, 68
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TITLE:
**LANDSCAPING PLAN
 AND PLANT LIST**

RIEMER MUEGGE & ASSOCIATES, INC.
 A Land Planning, Engineering and Consulting Firm
 3105 North Ridge Road Ellicott City, Maryland 21043
 301-461-2690 FAX: 301-750-3176

4-8-91 DATE
 DESIGNED BY: Z.L.K.
 DRAWN BY: Z.L.K.
 PROJECT NO: 9010B
 DATE APRIL 8, 1991
 SCALE: AS SHOWN
 DRAWING NO: 20 OF 40

AS BUILT CERTIFICATE
 ARTHUR E. MUEGGE #8707 DATE

N 527,250
E 841,250

SOILS LIST

ChB2	Chester Silt Loam, 3-8% Slopes, Mod. Eroded
Co	Codorus Silt Loam
Cub	Conow Silt Loam, Local Alluvium, 3-8% Slopes
GIB2	Glencliff Loam, 3-8% Slopes, Mod. Eroded
GIC2	" " " " 8-15% " " " "
GID2	" " " " 15-25% " " " "
GnB2	Glenville Silt Loam, 3-8% Slopes, Mod. Eroded
Md	Made Land
MIB2	Maror Loam, 3-8% Slopes, Mod. Eroded
MIC2	" " " " 8-15% " " " "
MID2	" " " " 15-25% Slopes " " " "

AREA KEY

AREA 1	See W/L Report (Attached)	AREA 5	Poplar 10"
AREA 2	Virginia Pine 12"	White Oak 18"	Red Oak 20'-25'
AREA 3	Red Maple 12"	Some Pine (White Pine) 8"	
AREA 4	White Maple 12"		
AREA 5	Poplar 12"	AREA 6	Mantured Yard
AREA 6	Hawthorn 2"	AREA 7	Open
AREA 7	Grape Vines 2"		
AREA 8	Coniferous 16"	Areas include:	
AREA 9	White Pine 16"	Wild Black Cherry	
AREA 10	Norway Spruce 16"	Red Maple & Silver Maple	
AREA 11	Hemlock (Northern)	Black Locust, Golden Rod	
AREA 12	Red Maple 12"	Baldler, Aspen	
AREA 13	Aspen 12"	Smooth Burreed, Bassafras	
AREA 14	Red Oak 15"	Multiflora Rose	
AREA 15	Locust 10"	Japanese Honeyuckle	
AREA 16	Virginia Pine 10"	Red Mulberry, Grasses (Sheet 33 only)	

LEGEND:

- Soils which contain hydric inclusions.
- Soils with high potential for soil erosion.
- Areas grouped for vegetative analysis.
- 15-25% Slopes
- 25% and Above Slopes
- Non Tidal Wetlands



AS BUILT CERTIFICATION

ENGINEER: JAYKANT C. PARSKH
PE # 10169 DATE: _____

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
Joyan Taylor COUNTY HEALTH OFFICER 5-2-91 DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
James R. Keith DIRECTOR 5/3/91 DATE
David L. Wang CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT 5/6/91 DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James P. Shum DIRECTOR 4/26/91 DATE
John J. P. ... CHIEF, BUREAU OF ENGINEERING 4-28-91 DATE

1-5-05 / Designate 3 Reserved Spaces for CCRS In Front of Bldg. C; By Fisher, Collins & Carter, Inc.
DATE NO REVISION

OWNER/DEVELOPER
STONEHENGE LIMITED PARTNERSHIP
40 YORK ROAD
TOWSON, MARYLAND 21204

PROJECT
A COMMERCIAL CENTER
THE ENCHANTED FOREST
PARCEL 'A' AND PARCEL 'B'

AREA TAX MAP 24 PARCELS: 19, 24, 24A, 24B
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

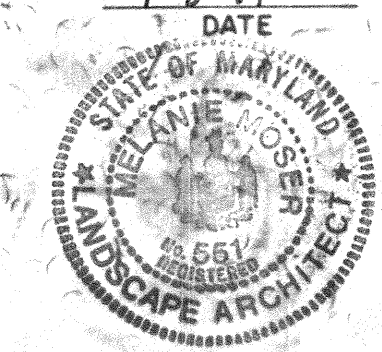
TITLE
ENVIRONMENTAL ANALYSIS

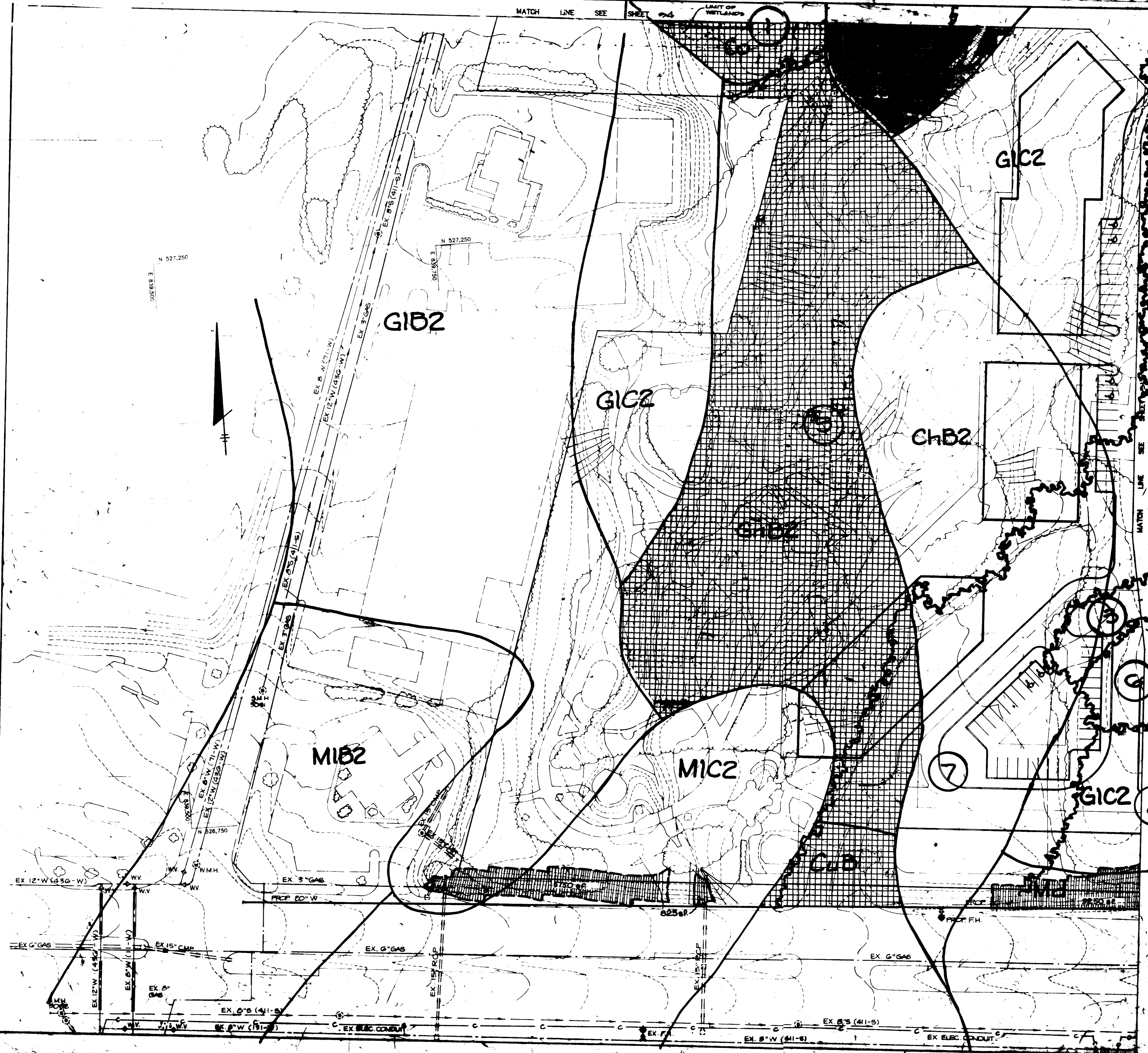
RIEMER MUEGGE & ASSOCIATES, INC.
A Land Planning, Engineering and Consulting Firm
3105 North Ridge Road Ellicott City, Maryland 21043
301-461-2690 FAX: 301-750-3176

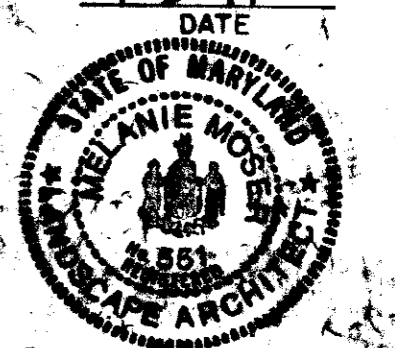
4-3-91 DATE
DESIGNED BY JJB
DRAWN BY LJG
PROJECT NO 30108
DATE APRIL 3, 1991
SCALE: 1"=40'
DRAWING NO 31 OF 40

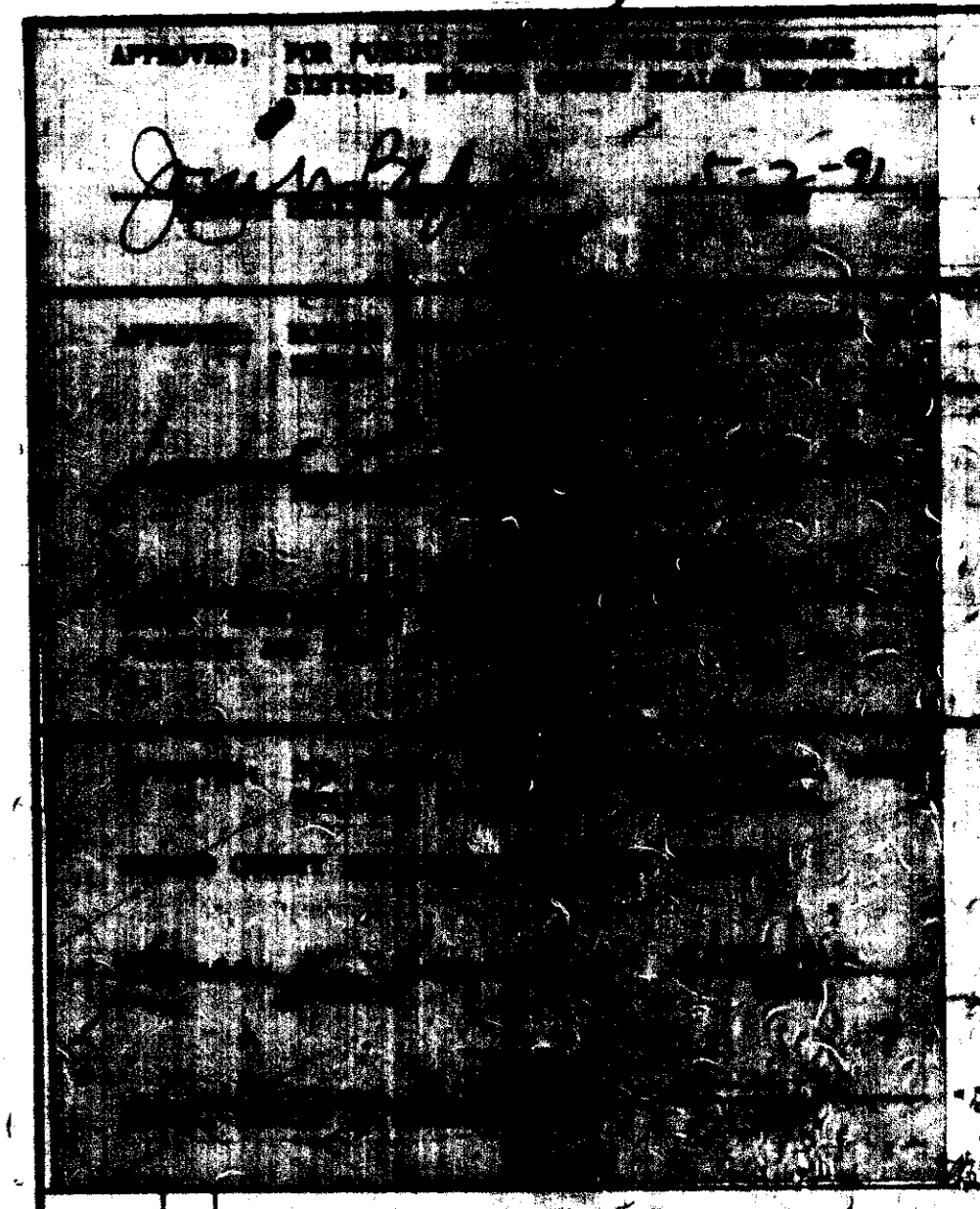
Melanie Muegge
MELANIE MUEGGE
LANDSCAPE ARCHITECT

GDP-90-74





AS BUILT CERTIFICATION	
JAYKANT D. MARSH	
DATE NO. _____	
OWNER/DEVELOPER SEBASTIAN & LANNING PARTNERSHIP 40 YORKE ROAD TOWSON, MARYLAND 21284	
PROJECT A COMMERCIAL CENTER THE ENCHANTED FOREST PARCELS 24 AND PARCEL 25	
AREA TAX MAP 24 PARCELS 17, 24, 25, 26, 27 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TITLE ENVIRONMENTAL ANALYSIS	
RIEMER MUEGGE & ASSOCIATES, INC. A Land Planning, Engineering and Consulting Firm 3105 North Ridge Road Ellicott City, Maryland 21043 301-461-2690 FAX: 301-750-3176	
DATE 4.3.91	DESIGNED BY JJM
	PROJECT NO. 9101 DATE APRIL 3, 1991



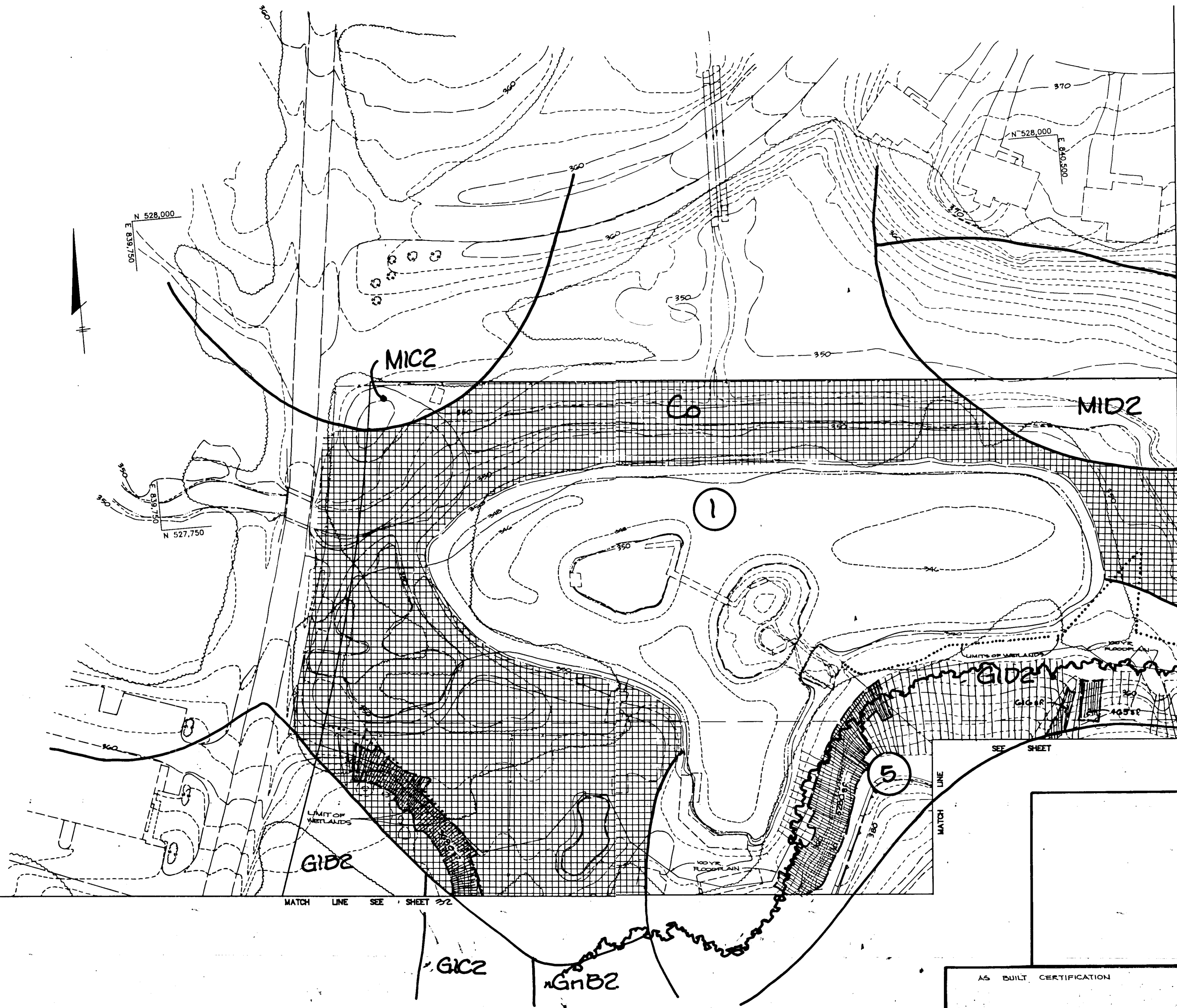
DATE	NO.	REVISION
OWNER/DEVELOPER		
STONEMENGE LIMITED PARTNERSHIP 40 YORK ROAD TOWSON, MARYLAND 21286		
PROJECT		
A COMMERCIAL CENTER THE ENCHANTED FOREST PARCEL 'A' AND PARCEL 'B'		
AREA		
TAX MAP 24 PARCELS: 11, 12A, 12B, 13 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND		
TITLE		
ENVIRONMENTAL ANALYSIS		

RIEMER MUEGGE & ASSOCIATES, INC.
 A Land Planning, Engineering and Consulting Firm
 3105 North Ridge Road Ellicott City, Maryland 21043
 301-461-2690 FAX: 301-750-3176

4-3-91

DESIGNED BY: JJB
 DRAWN BY: JJB
 PROJECT NO: 2000-01
 DATE: APRIL 5, 2001
 SCALE: 1"=50'

AS BUILT CERTIFICATION



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
John P. ... 5-2-91
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
Joseph ... 5-3-91
 DIRECTOR DATE
... .. 5-3-91
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Thomas ... 4-26-91
 DIRECTOR DATE
... .. 4-26-91
 CHIEF, BUREAU OF ENGINEERING DATE

DATE	NO.	REVISION

OWNER/DEVELOPER
 STONEHENGE LIMITED PARTNERSHIP
 40 YORK ROAD
 TOWSON, MARYLAND 21284

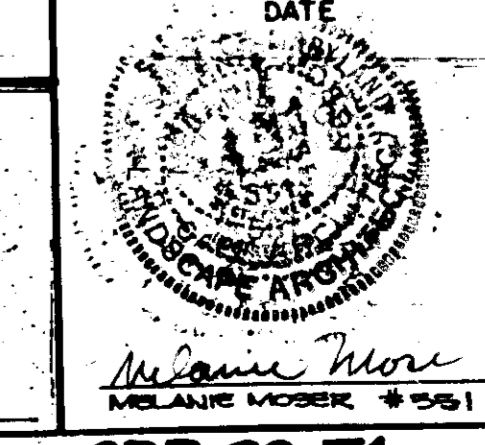
PROJECT: A COMMERCIAL CENTER
THE ENCHANTED FOREST
 PARCEL 'A' AND PARCEL 'B'
 AREA TAX MAP 24 PARCELS: A, 4B, 4C, 4, 6B
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TITLE: ENVIRONMENTAL ANALYSIS

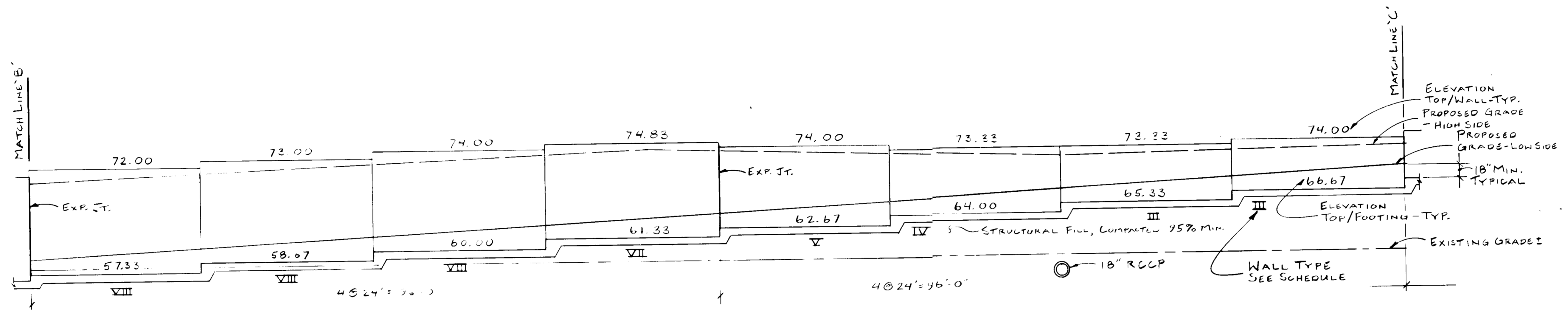
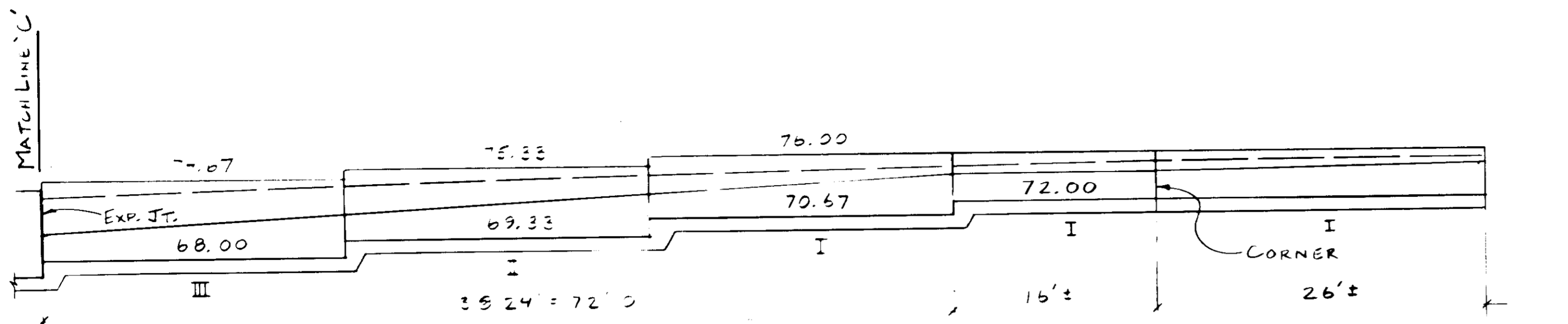
RIEMER MUEGGE & ASSOCIATES, INC.
 A Land Planning, Engineering and Consulting Firm
 3105 North Ridge Road Ellicott City, Maryland 21043
 301-461-2690 FAX: 301-750-3176

DATE: 4-13-91
 DESIGNED BY: JJB
 DRAWN BY: LJB
 PROJECT NO: 20100
 DATE: APRIL 8, 1991
 SCALE: 1"=40'
 DRAWING NO. 34 OF 40

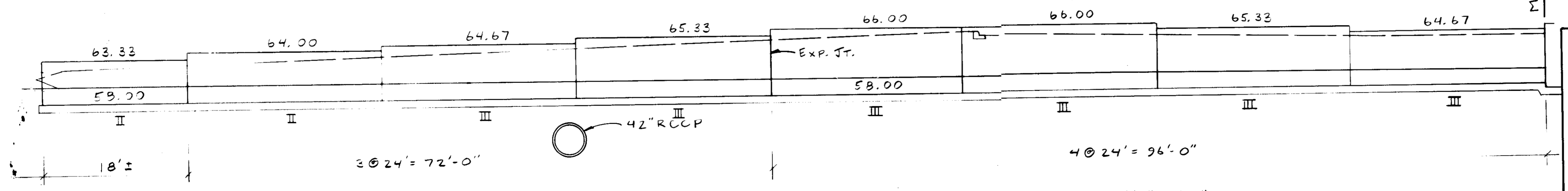
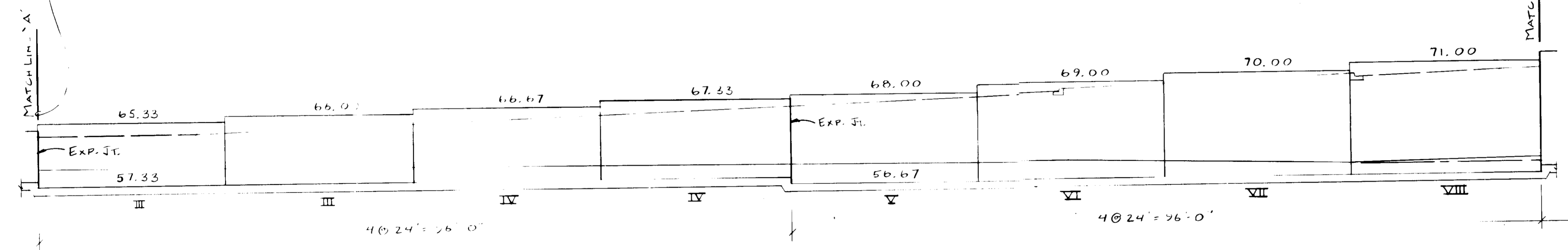
AS BUILT CERTIFICATION
 ENGINEER _____ DATE _____
 PE # _____



SDP-90-74



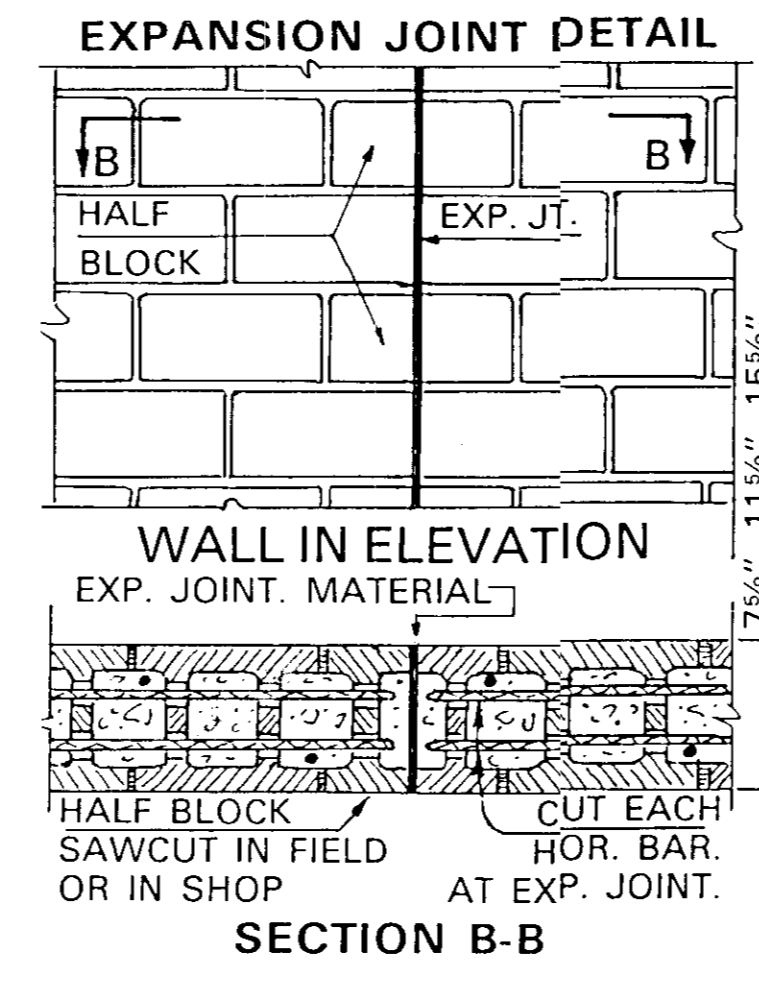
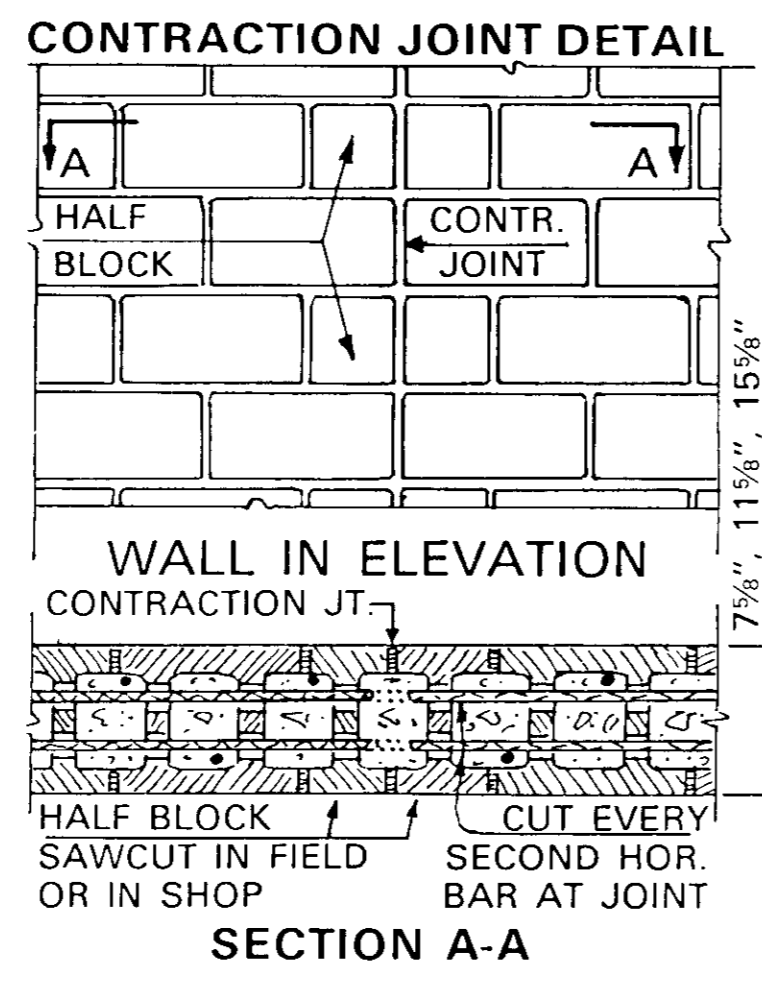
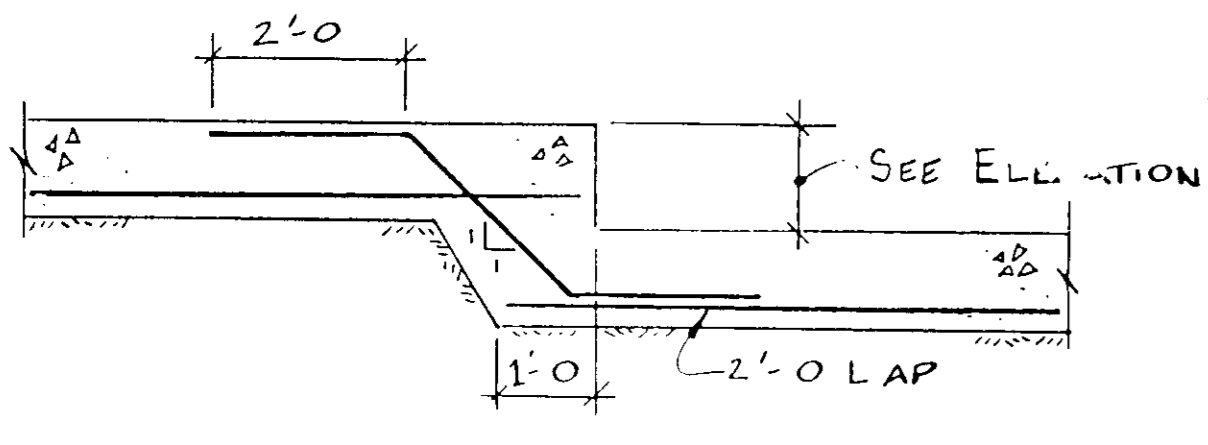
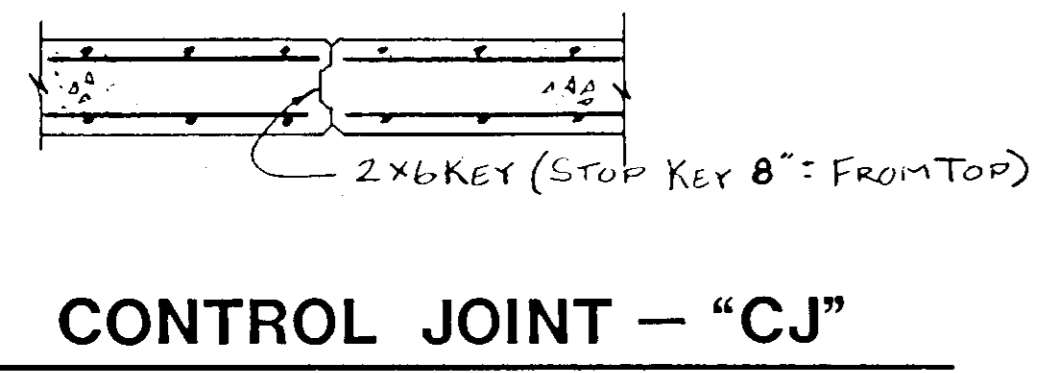
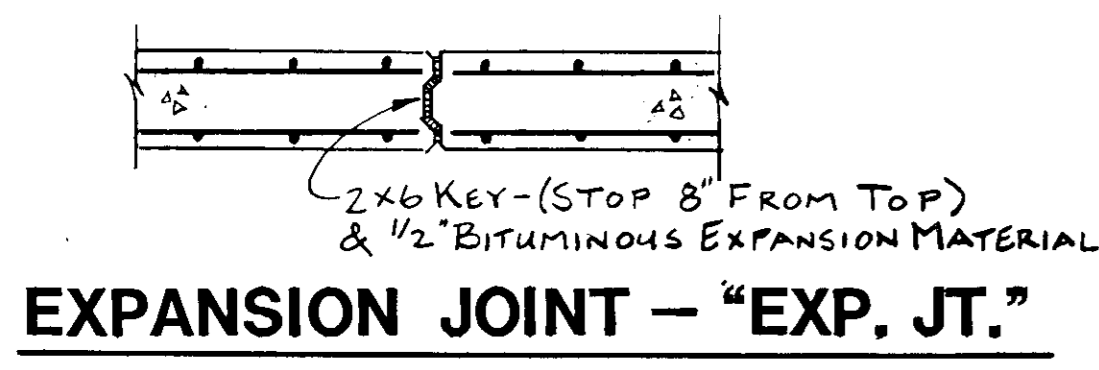
↓ INLET I-17
REFERENCED SITE PLAN
FOR LAY OUT



EAST ELEVATION

SCALE: 1/8" = 1'-0"

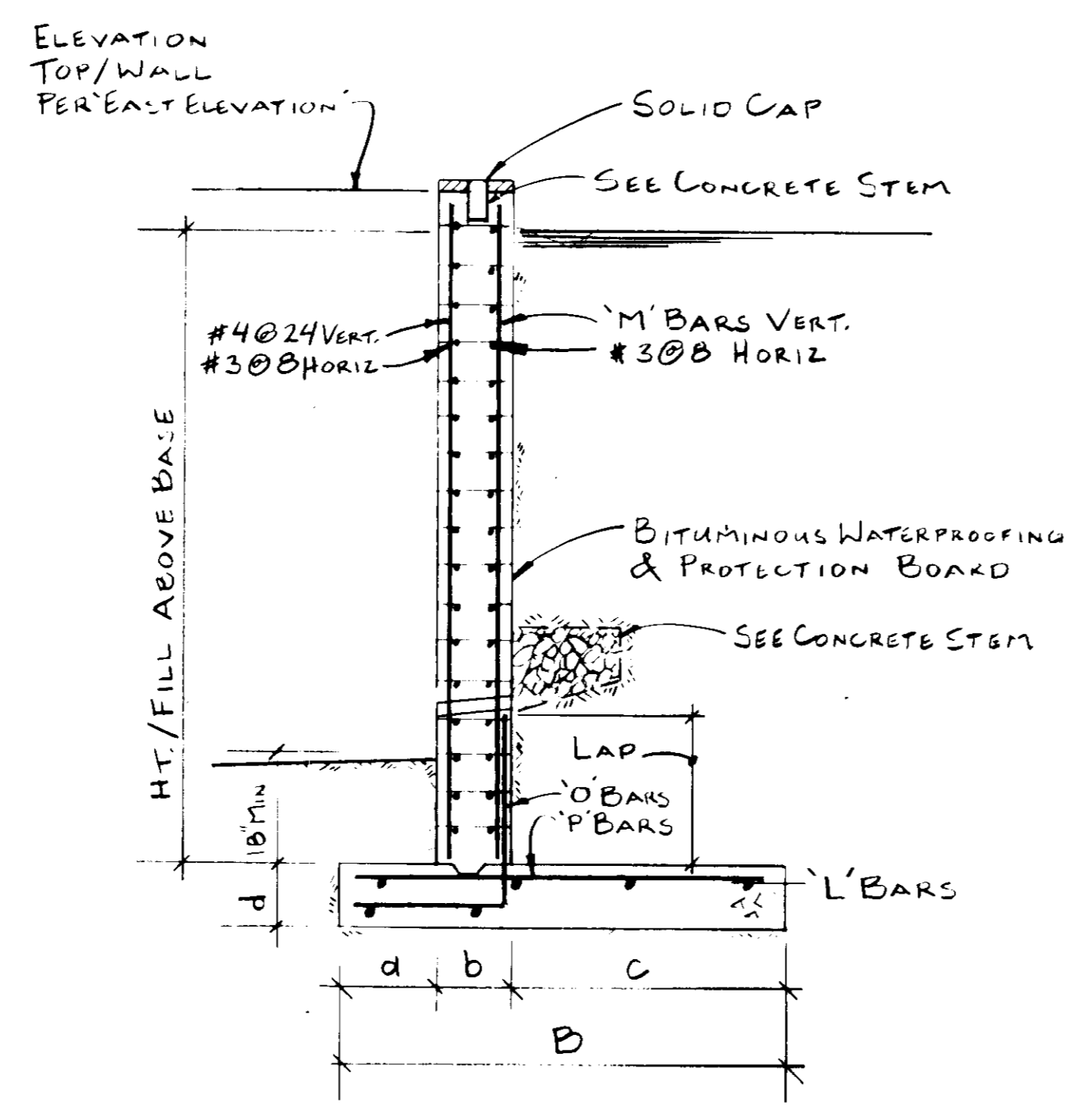
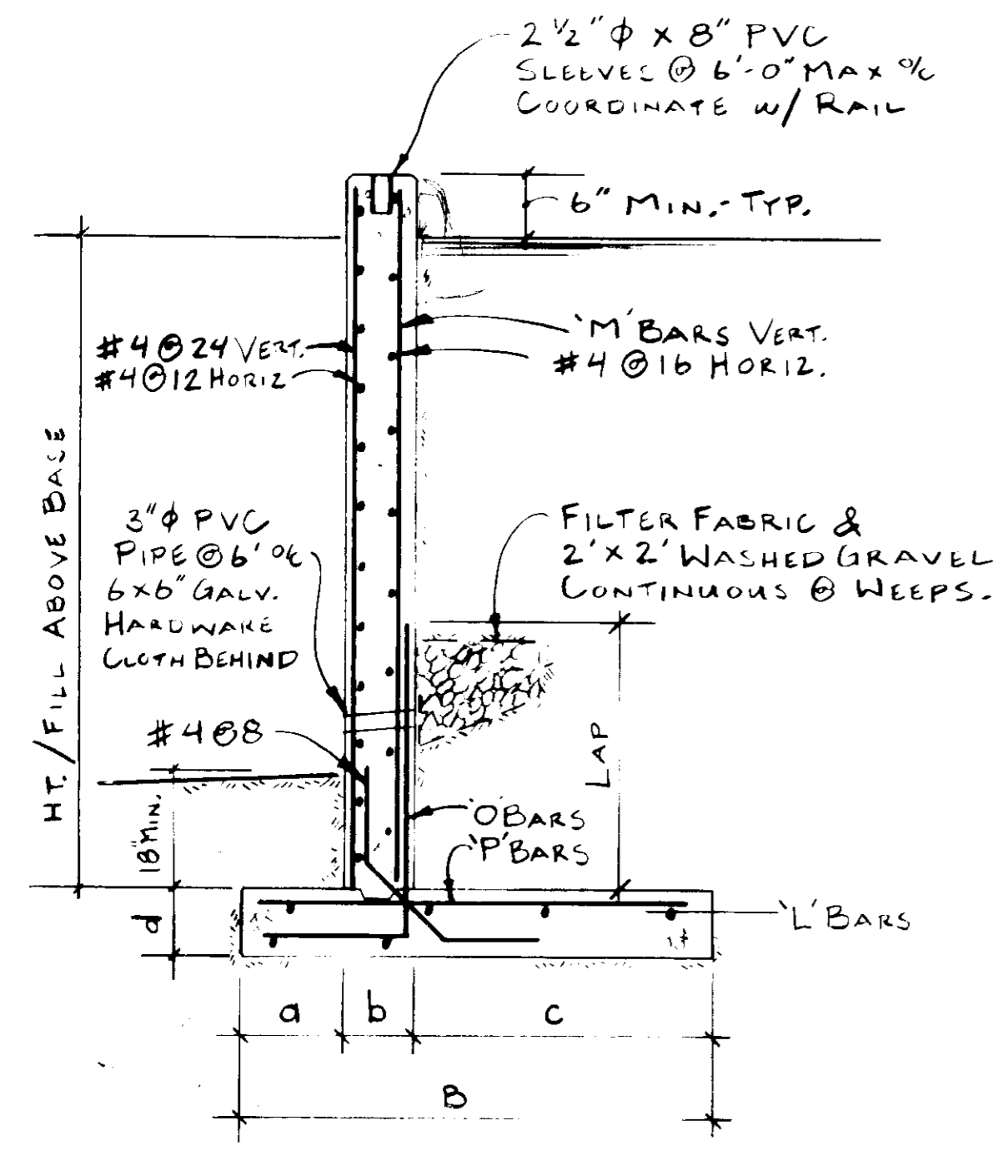
AS BUILT CERTIFICATE	
ARTHUR E. MUEGGE #8707	DATE
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT	
<i>[Signature]</i>	5-2-91
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.	
<i>[Signature]</i>	5/3/91
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.	
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
<i>[Signature]</i>	4/26/91
DATE NO. REVISION	
OWNER/DEVELOPER STONE HENGE LIMITED PARTNERSHIP 40 YORK ROAD TOWSON MARYLAND 21204	
PROJECT: A COMMERCIAL CENTER THE ENCHANTED FOREST PARCEL A - PARCEL G8	
AREA TAX MAP NO. 24 PARCELS 454, 564, 10, G8 2 ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TITLE: RETAINING WALL ELEVATION	
DONALD SIMMONS ASSOCIATES Consulting Engineers 4037 S. LEISHURE COURT ELLCOTT CITY, MD 21043 (301) 465-7354	
11/15/90 DATE	WP-80-54, 2 ND CASE 807M 5-80-82 WP-80-143 F-80-32
	DESIGNED BY: DES, JR.
	DRAWN BY: DES, JR.
	PROJECT NO: 3010B
	DATE: APRIL 3, 1991
	SCALE: AS SHOWN
DONALD E. SIMMONS, JR. #14281	DRAWING NO. 30 OF 40



REINFORCED MASONRY DETAILS

	DIMENSIONS							REINFORCING				
	MARK SEE ELEVATION	MAX HT/FILL ABOVE BASE	WIDTH/BASE	TOE 'a'	STEM WIDTH 'b'	HEEL 'c'	FOOTING THICKNESS 'd'	DOWNERS 'O' BARS	LAP	TOP/FTG 'P' BARS	LONGITUDINAL 'L' BARS	STEM VERT'L 'M' BARS
REINFORCED MASONRY	I	4'-0"	3'-10"	10"	12"	2'-0"	1'-0"	#5@16	26"	#4@16	6#4	#5@16
	II	5'-4"	4'-0"	1'-0"	12"	2'-8"	1'-0"	#5@16	26"	#4@16	6#5	#5@16
	III	7'-4"	5'-10"	1'-2"	12"	3'-8"	1'-0"	#5@8	26"	#5@8	6#5	#5@8
	IV	9'-4"	7'-0"	1'-6"	16"	4'-2"	1'-2"	#6@8	33"	#5@8	6#6	#6@8
	V	11'-4"	8'-2"	1'-8"	16"	5'-2"	1'-2"	#7@8	45"	#6@8	6#6	#7@8
CONCRETE	VI	12'-0"	8'-9"	2'-2"	16"	5'-3"	1'-3"	#L@8	55"	#6@8	7#6	#5@8
	VII	13'-0"	9'-6"	2'-8"	16"	5'-6"	1'-4"	#7@10	66"	#6@10	6#7	#5@10
	VIII	14'-0"	10'-3"	3'-2"	16"	5'-9"	1'-5"	#7@8	74"	#6@8	7#7	#5@8

WALL SCHEDULE



NOTES :

- CODE : 1990 BOCA
- LATERAL EARTH LOAD : 45 PSF/FT
- SEE SITE PLAN FOR LOCATION AND GRADING
- IF FOOTING ELEVATIONS REQUIRE ADJUSTMENT, NOTIFY ENGINEER.
- FOUNDATIONS AND EARTH WORK :
- A. FOOTINGS ARE DESIGNED FOR AN ALLOWABLE BEARING CAPACITY OF 2500 PSF. BOTTOM OF FOOTINGS SHALL BE 2'-6" MINIMUM BELOW FINISH GRADE AND 1'-0" MINIMUM BELOW EXISTING GRADES OR NEWLY PLACED STRUCTURAL FILL. THE CONTRACTOR SHALL RETAIN THE SERVICES OF A GEOTECHNICAL ENGINEER TO INSPECT AND CERTIFY THE BEARING CAPACITY OF THE SOIL PRIOR TO POURING FOOTINGS.
- B. BACKFILL SHALL CONSIST OF CLEAN POROUS MATERIAL, PLACED IN 8" LAYERS AND COMPACTED WITH APPROPRIATE EQUIPMENT.
- CONCRETE :
- A. ALL CONCRETE SHALL DEVELOP COMPRESSIVE STRENGTH OF 3,500 PSI IN 28 DAYS, AND SHALL HAVE 5% AIR ENTRAINMENT.
- B. CONCRETE WORK SHALL CONFORM TO BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, A.C.I. 318, BY THE AMERICAN CONCRETE INSTITUTE, LATEST EDITION.
- C. REINFORCING STEEL SHALL BE ASTM A 615 GRADE 60.
- D. PROVIDE SPACERS, CHAIRS AND TIES AS REQUIRED TO SUPPORT REINFORCING IN POSITION. PROVIDE 3" CLEARANCE TO BOTTOM FOOTING STEEL AND 2" COVER ON WALL REINFORCING AND TOP FOOTING STEEL.
- E. CONTINUOUS REINFORCING SHALL BE LAPPED A MINIMUM OF 36 BAR DIAMETERS AT SPLICES.
- F. REMOVE FINS, PATCH ALL TIE HOLES AND APPLY CLEAR SEALER. PROVIDE 3/4" CHAMFER AT EXPOSED EDGES AND JOINTS.
- H. THREE CONCRETE CYLINDERS SHALL BE FORMED AND TESTED FOR EACH POUR.
- REINFORCED MASONRY :
- A. REINFORCING STEEL SHALL BE ASTM A 615 GRADE 60.
- B. CONTINUOUS REINFORCING SHALL BE LAPPED A MINIMUM OF 36 BAR DIAMETERS AT SPLICES.
- C. CONCRETE MASONRY UNITS SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI ON NET AREA.
- D. BLOCKS SHALL HAVE SLOTS IN WEBS TO HOLD REINFORCING IN POSITION.
- E. MORTAR SHALL BE TYPE M CONFORMING TO ASTM C 270, WITH A MINIMUM COMPRESSIVE STRENGTH OF 2800 PSI IN 28 DAYS.
- F. GROUT SHALL CONFORM TO ASTM C 476, WITH A COMPRESSIVE STRENGTH OF 3000 PSI IN 28 DAYS, AND SHALL BE A HIGH SLUMP, PEA GRAVEL MIX, VIBRATED INTO CORES TO FILL WALL SOLID.

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

Joyce Baker 5-2-91
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

James S. Keith 5/3/91
DIRECTOR DATE

James W. Taylor 5/3/91
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

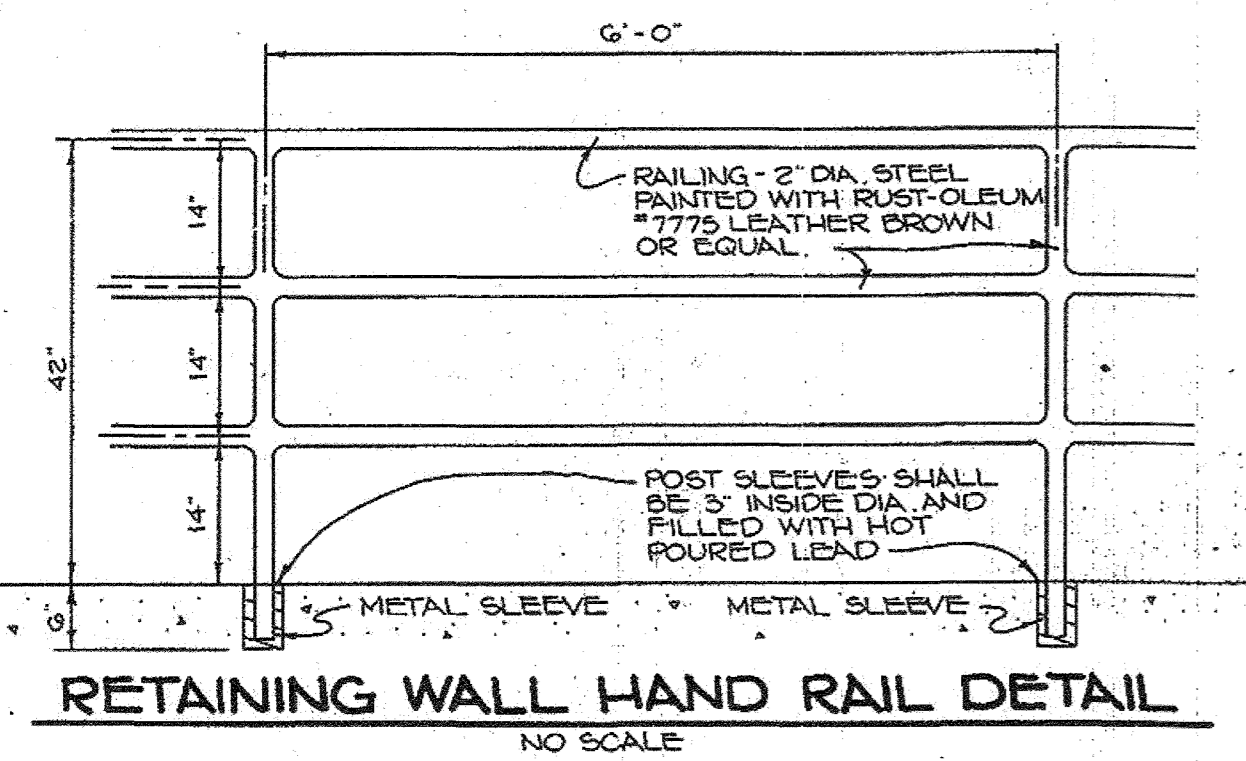
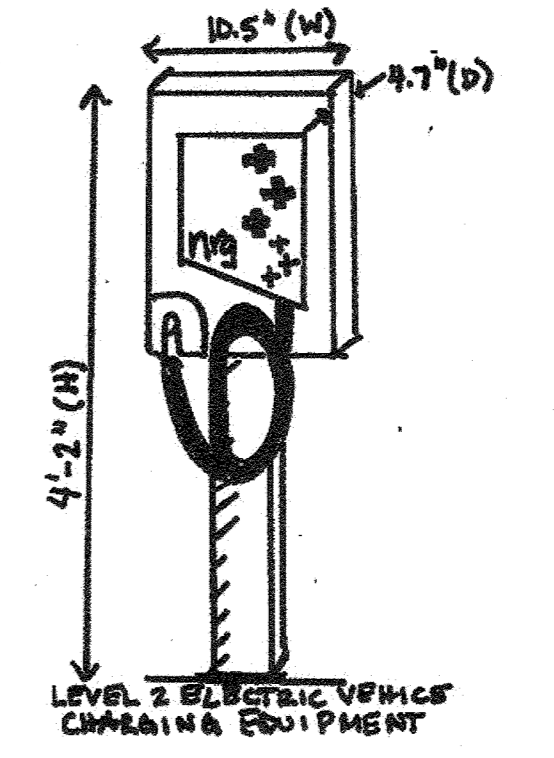
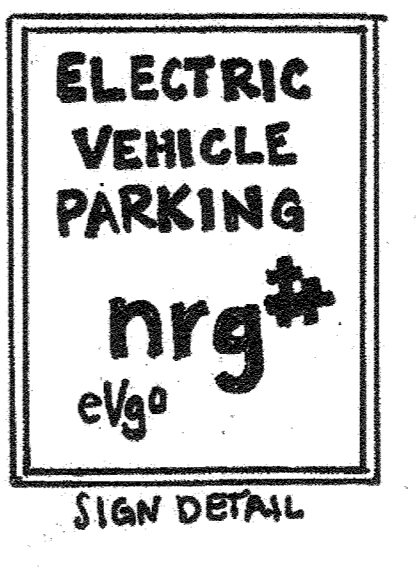
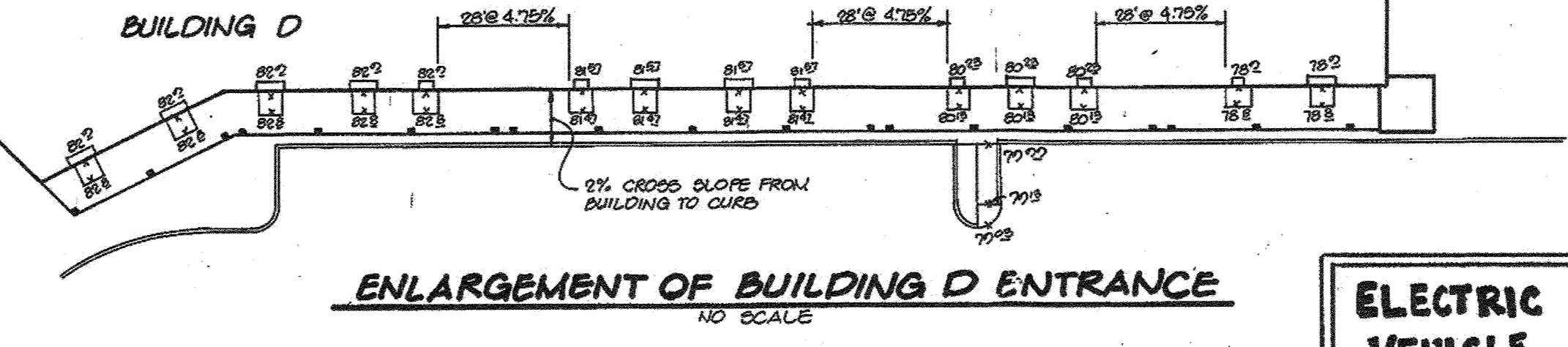
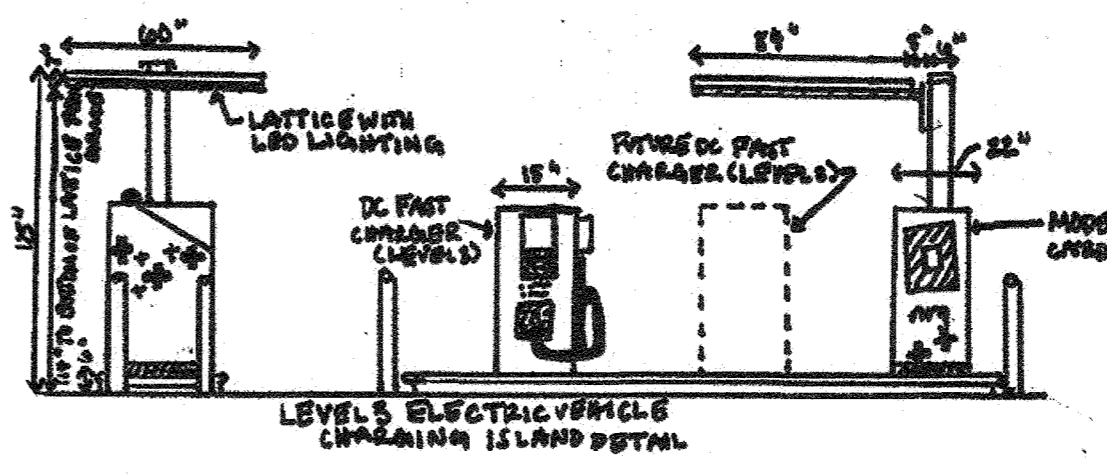
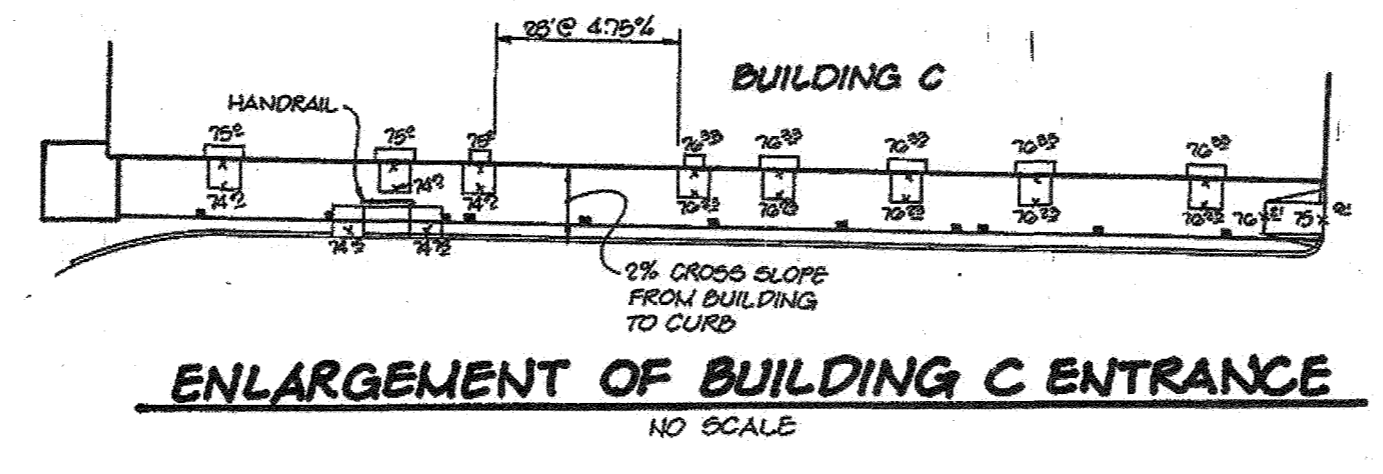
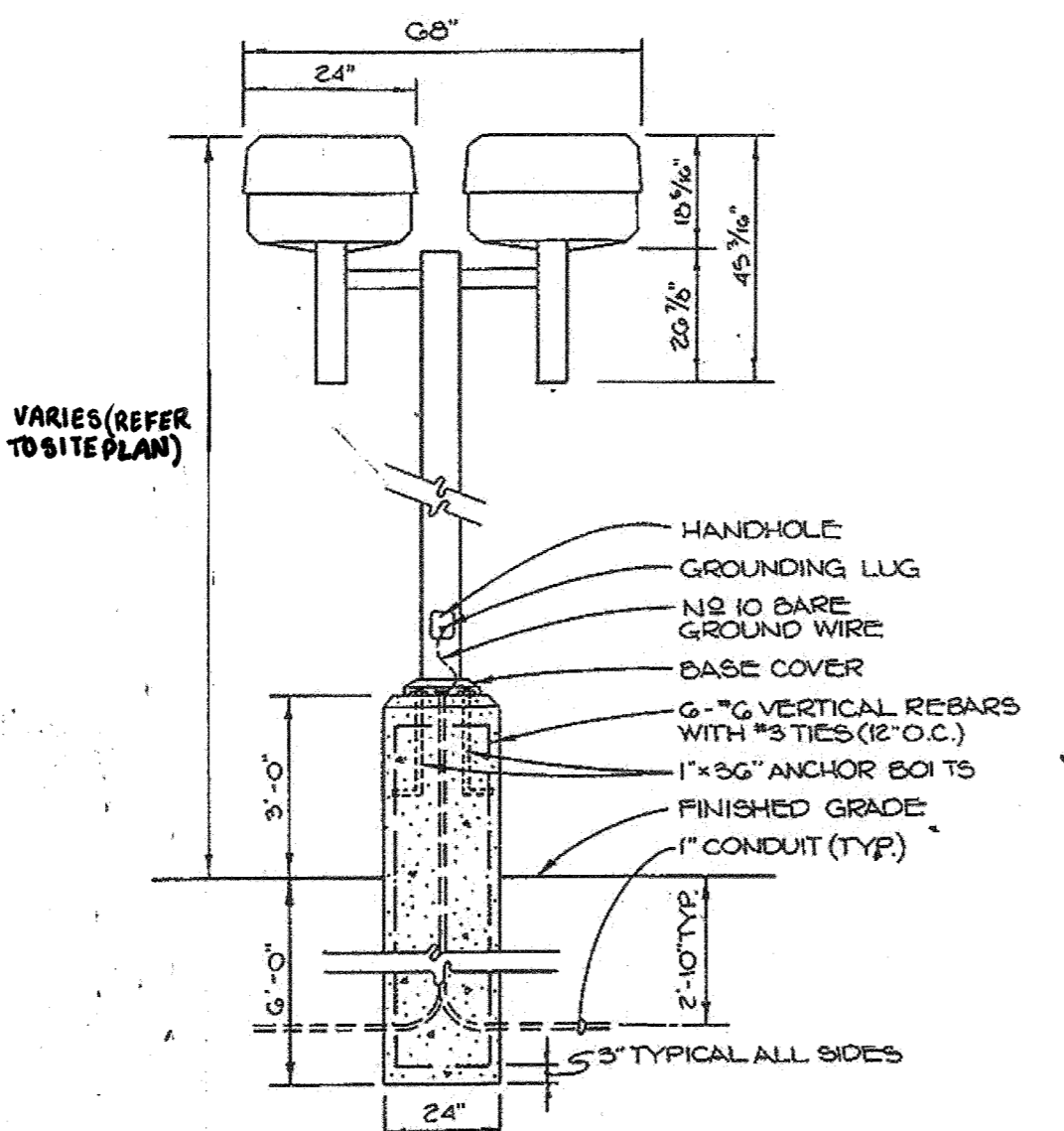
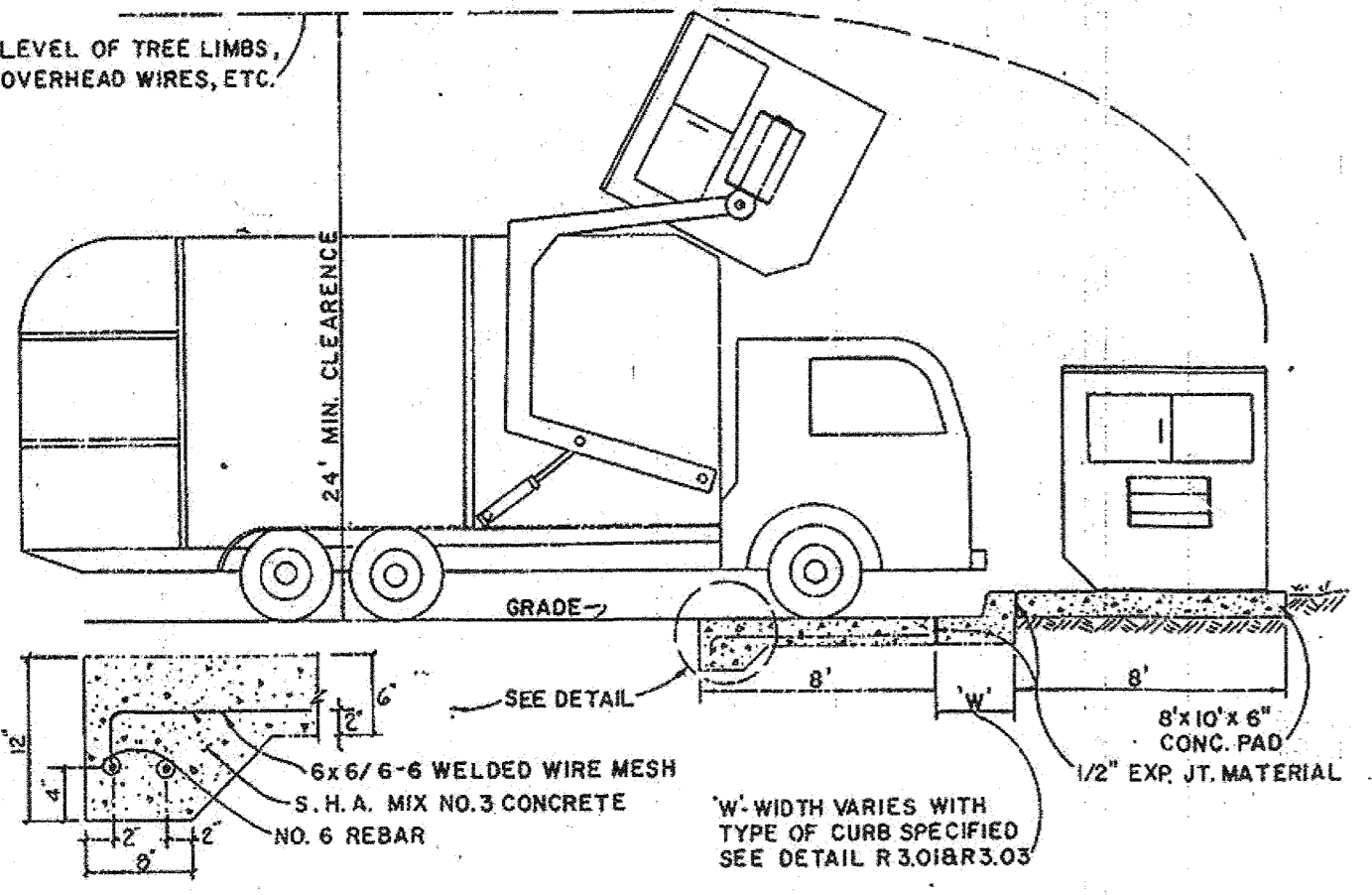
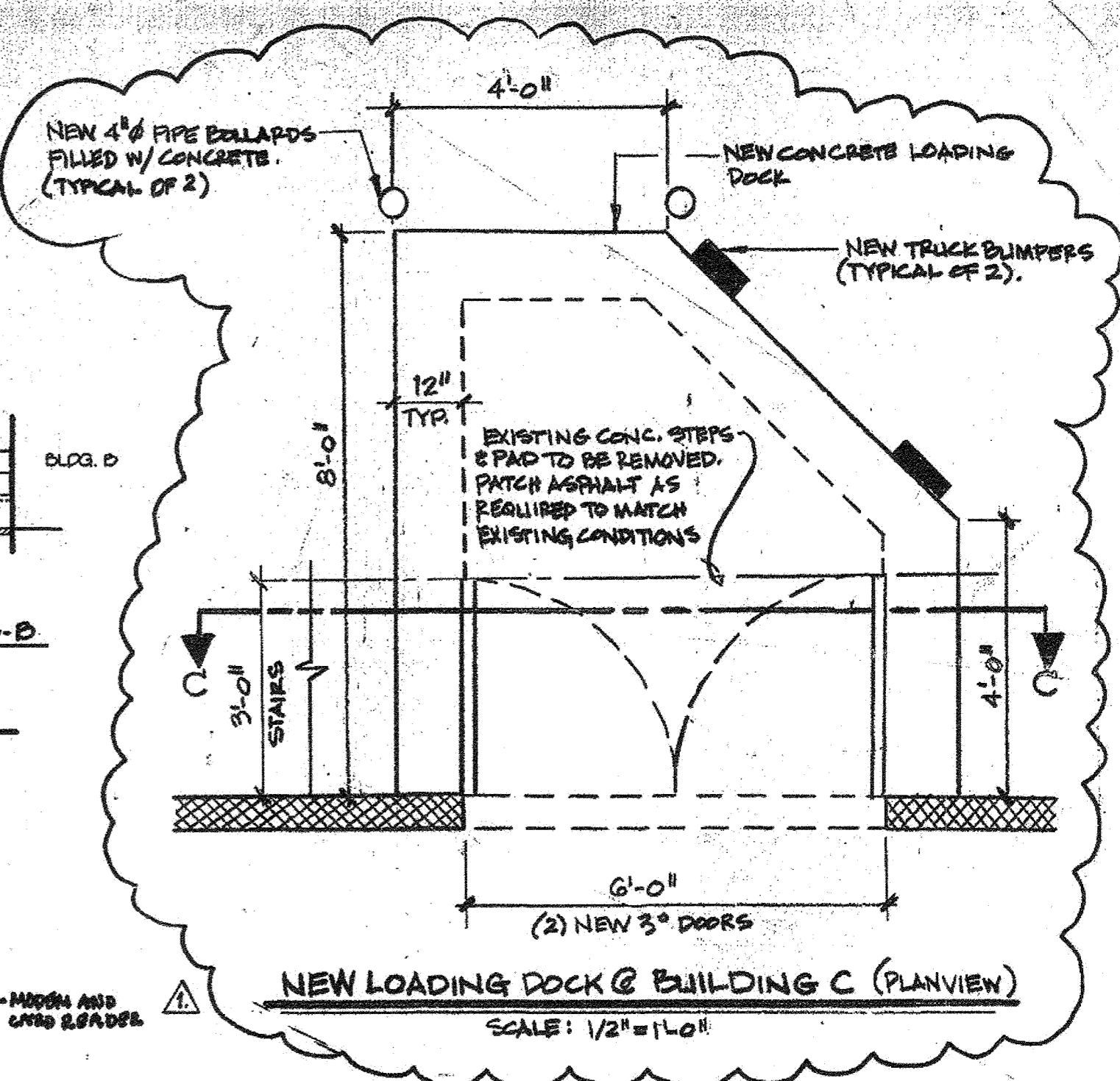
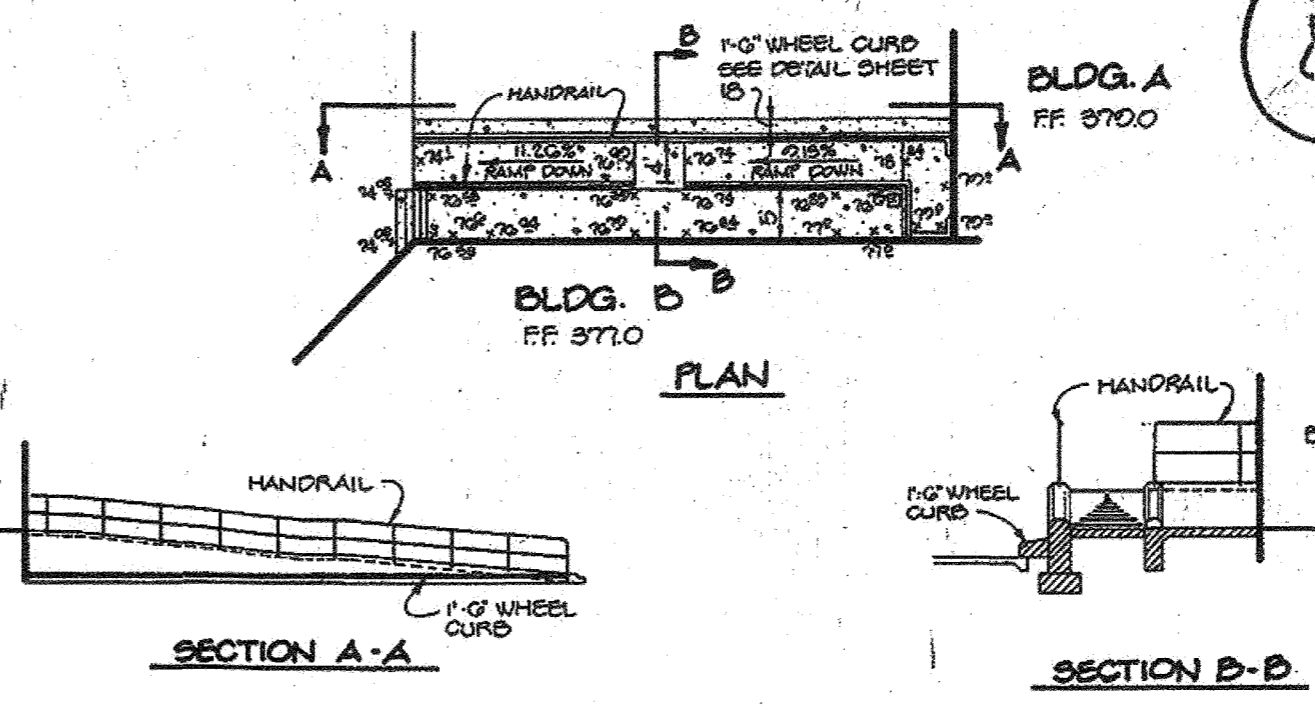
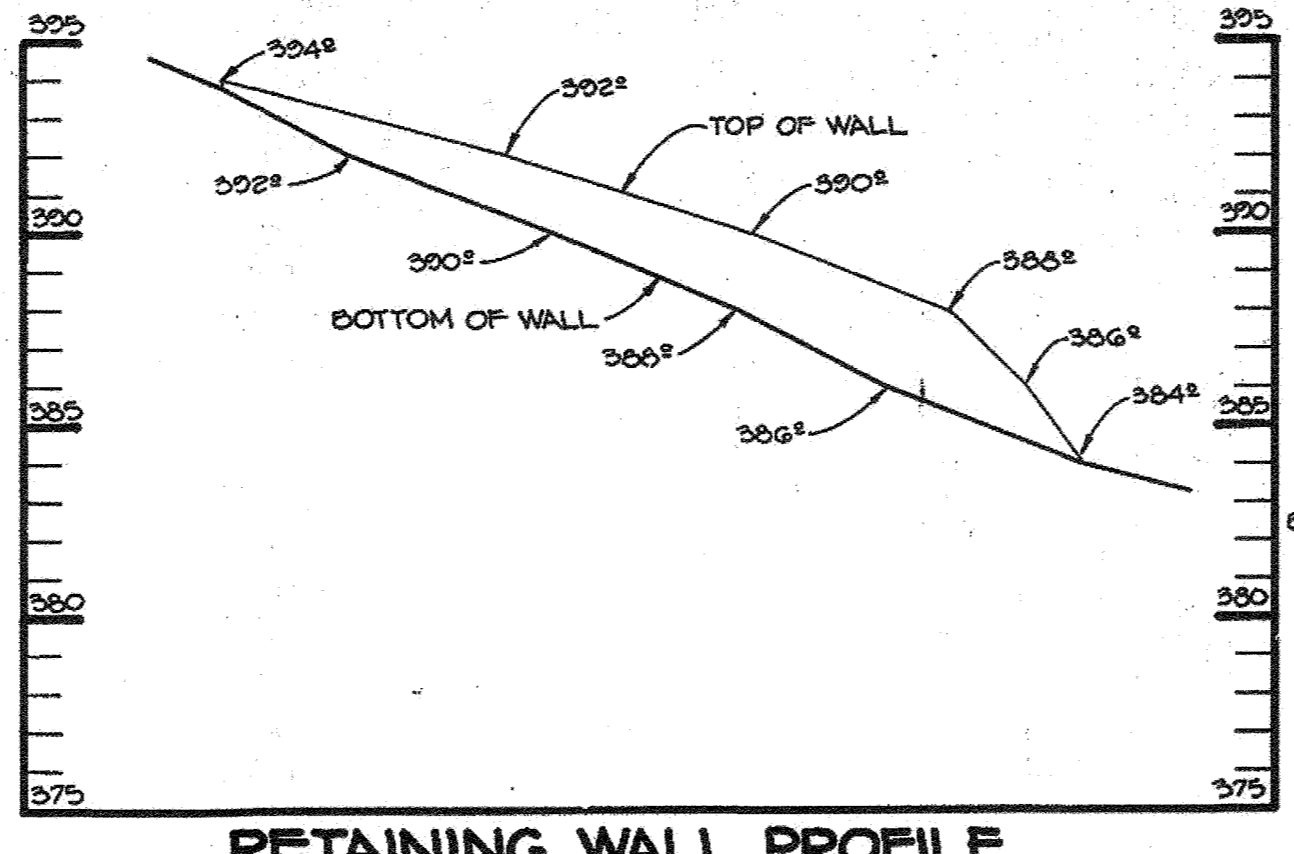
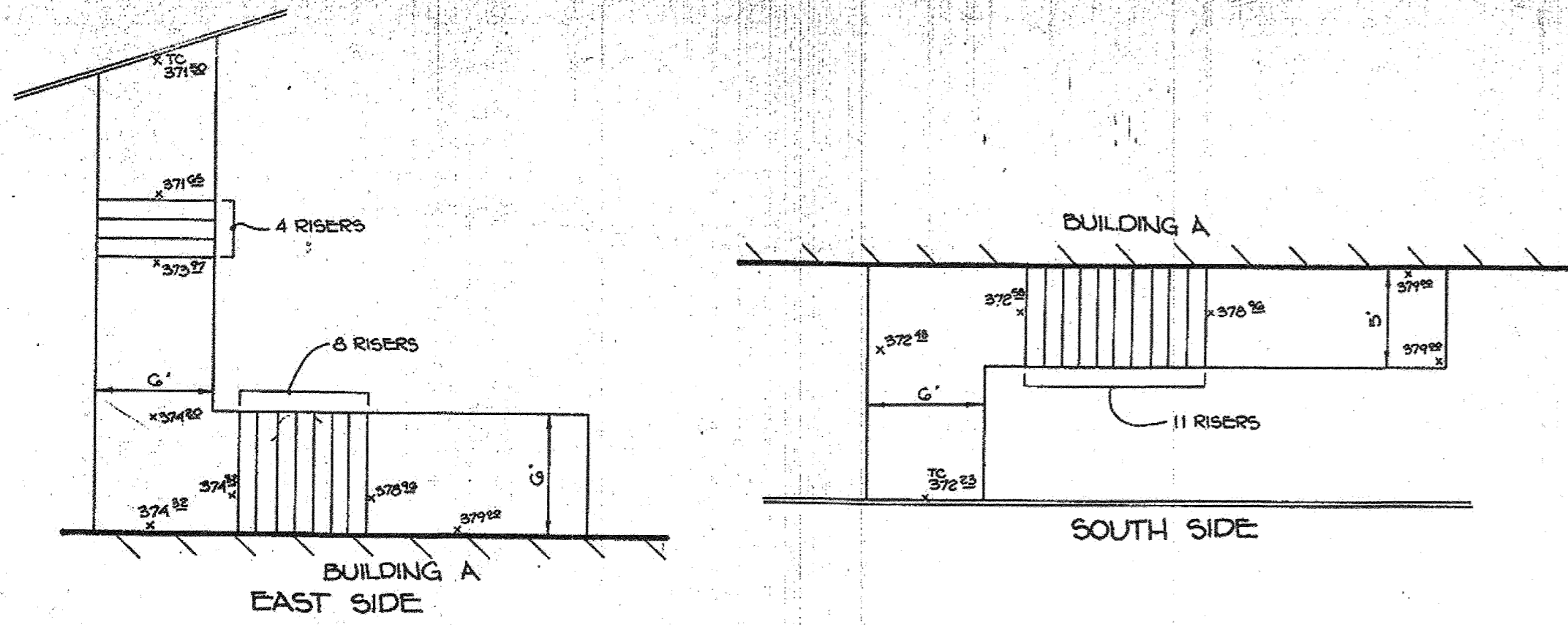
James P. Blum 4/26/91
DIRECTOR DATE

James P. Blum 4-26-91
CHIEF, BUREAU OF ENGINEERING DATE

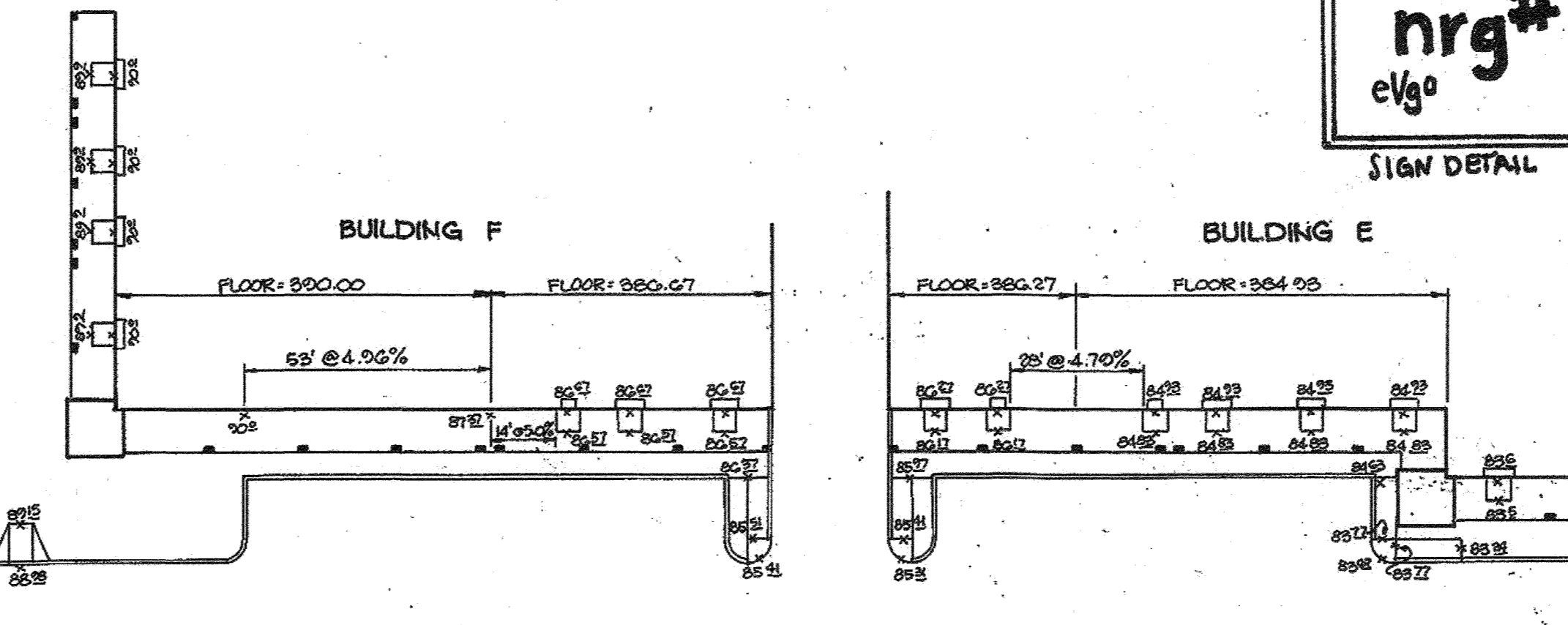
DATE	NO	REVISION
OWNER/DEVELOPER		
STONEHENGE LIMITED PARTNERSHIP 40 YORK ROAD TOWSON MARYLAND 21204		
PROJECT		
A COMMERCIAL CENTER THE ENCHANTED FOREST PARCEL X - PARCEL 68		
AREA TAX MAP NO. 24 PARCELS 454, 564, 10, 68 2 ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND		
TITLE:		
RETAINING WALL DETAILS		
DONALD SIMMONS ASSOCIATES Consulting Engineers		
4637 S. LEISURE COURT ELLICOTT CITY, MD 21043 (301) 465-7354		
11/15/90 DATE	WP-90-54, 73 CASE 607M S-80-82 WP-80-143 F-20-32	DESIGNED BY: DES, JR
		DRAWN BY: DES, JR
		PROJECT NO: 90108
		DATE: APRIL 3, 1991
		SCALE: AS SHOWN
		DRAWING NO. 31 OF 40

AS BUILT CERTIFICATE

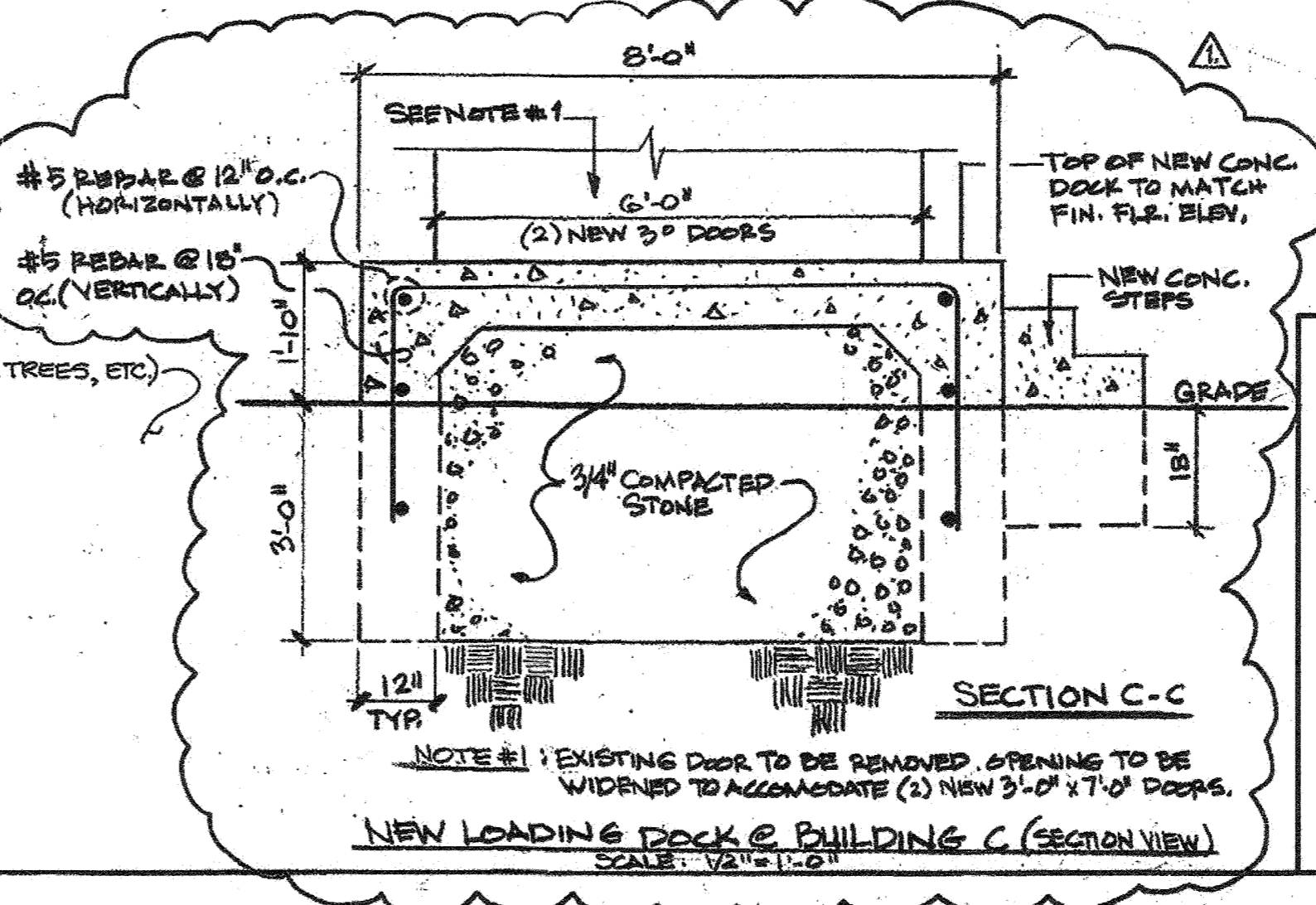
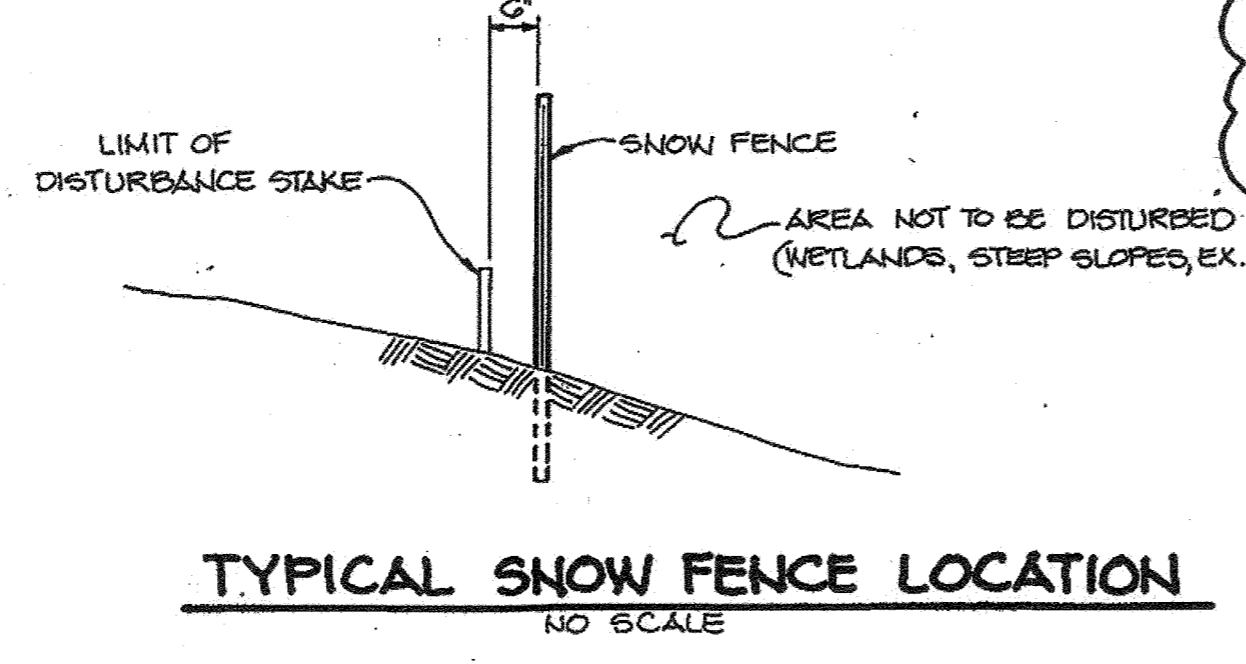
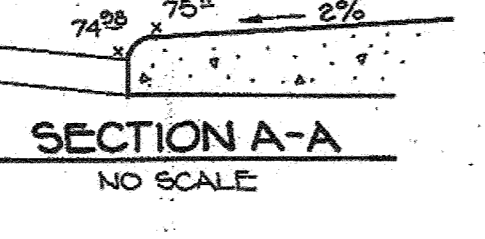
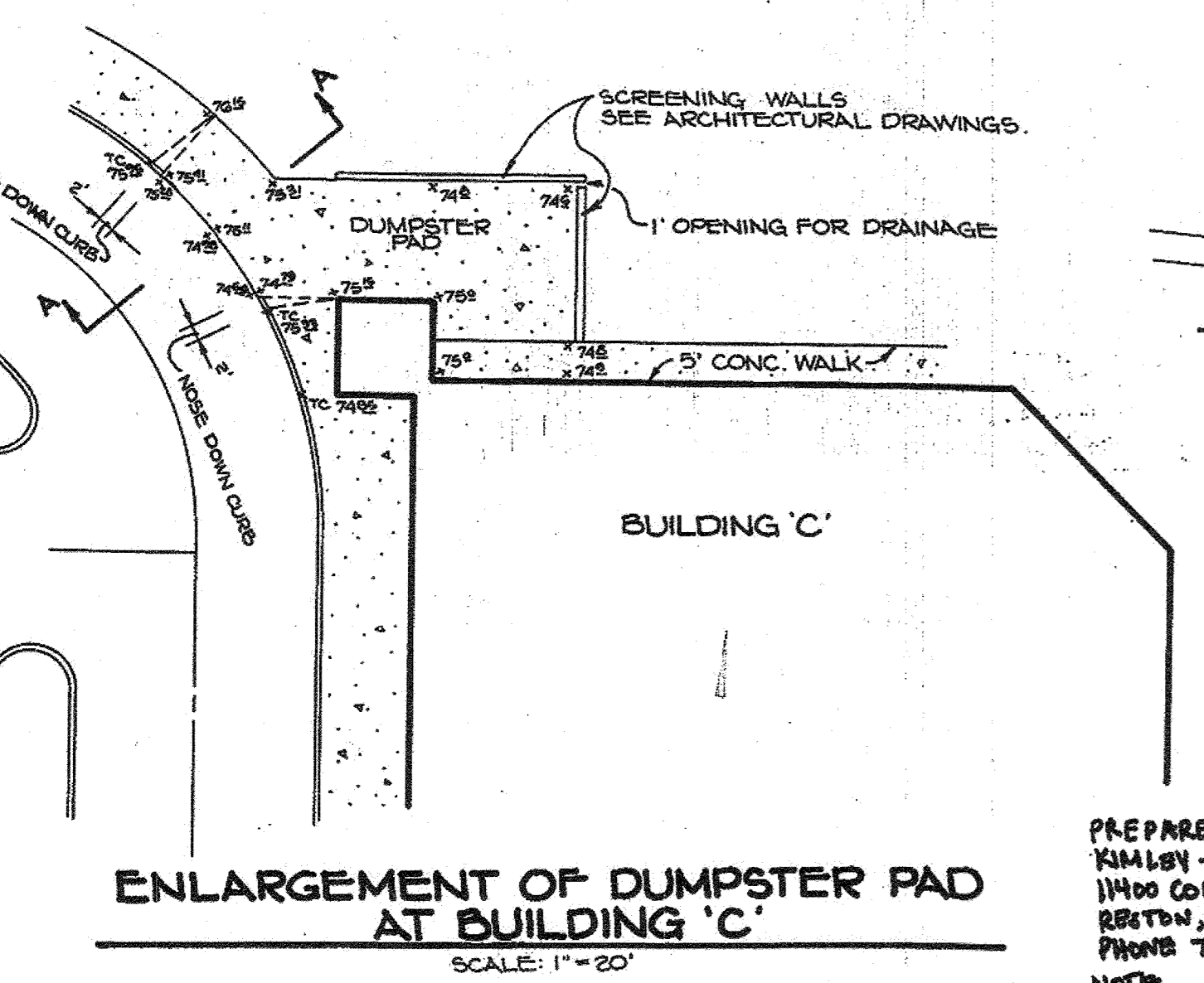
ARTHUR E. MUEGGE #8707 DATE



- ALL LIGHT FIXTURES TO BE SINGLE LUMINAIRE 150 WATT LED TYPE WITH STEEL.
 - LOCATIONS OF LIGHT FIXTURES ARE SHOWN ON THE PLAN AS: (SINGLE FIXTURE), AND (DOUBLE FIXTURE).
 - LIGHTS TO BE ALED-2T-150-MODEL AS MANUFACTURED BY RAB LIGHTING.
 - POLE TO BE LOCATED 3' FROM BACK OF CURB.
- LIGHT POLE DETAIL**
NO SCALE



FOR REVISION 5 ONLY:
M.J. GESELL
Professional Engineer
No. 1812020



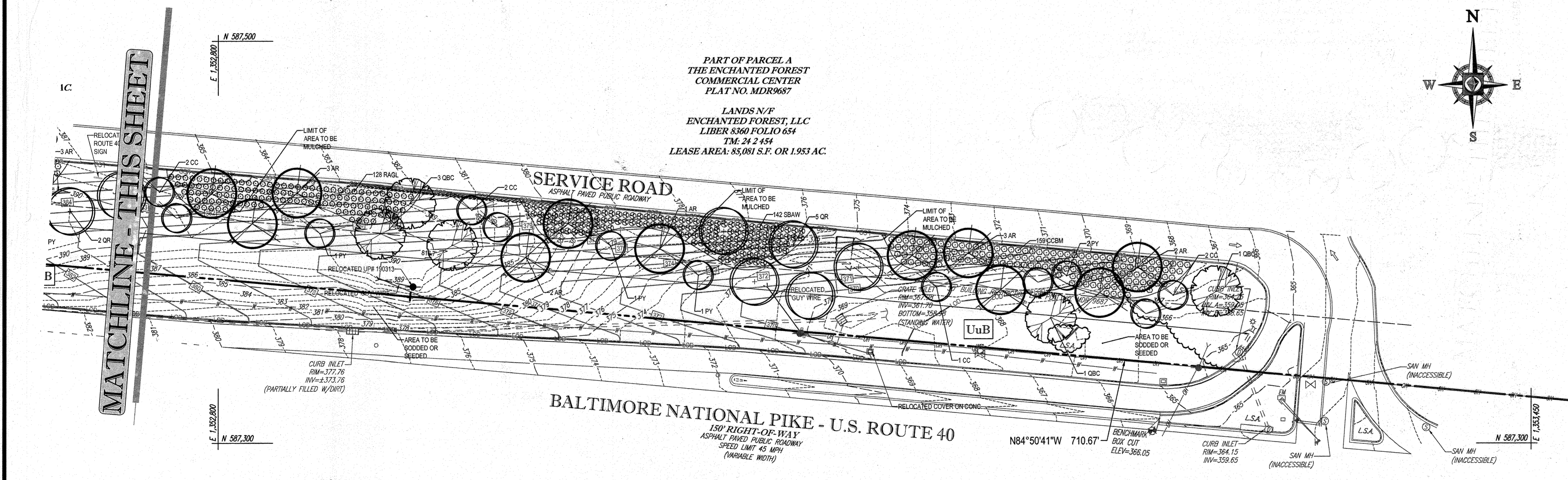
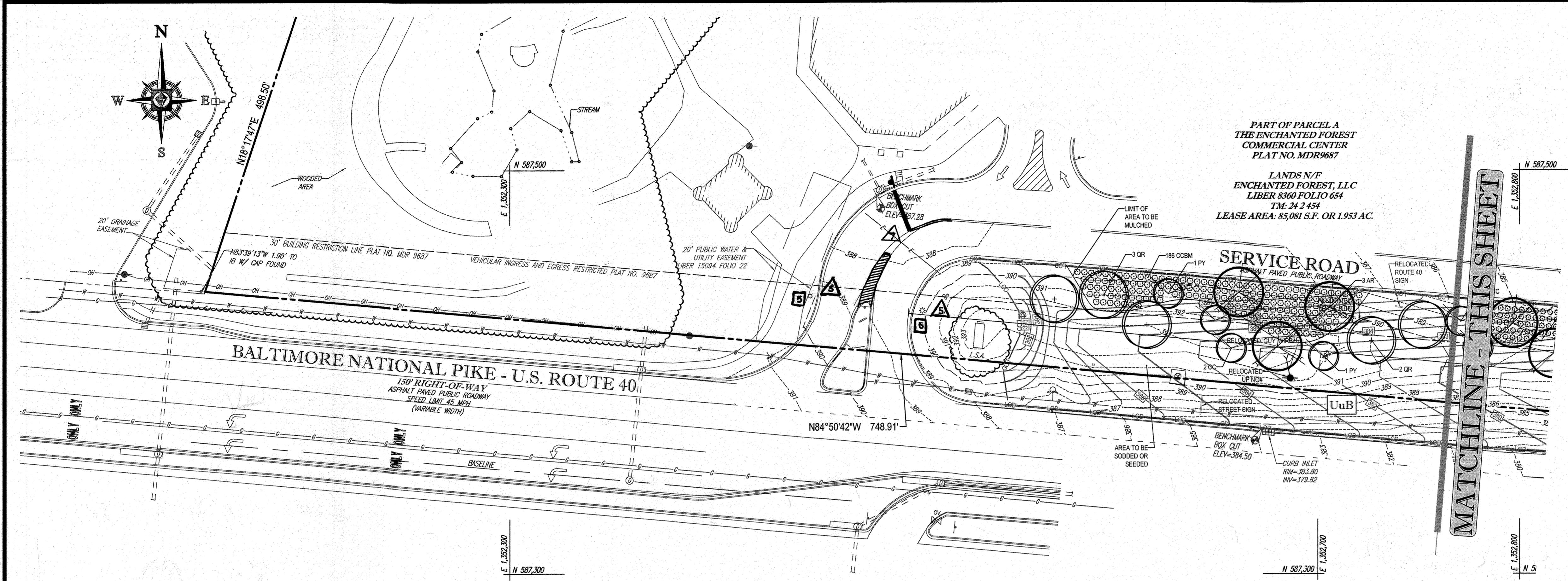
BOARD OF ARCHITECTS
JOHN C. WALKER
Professional Engineer/Architect
No. 12141
DATE: 12/4/14

LOADING DOCK ADDITION BY GARRETT/GEORGE ASSOCIATES INCORPORATED.
INCORPORATED (215) 658-1380
UPDATED LIGHTING PER AS-BUILT POLE LOCATIONS, PROPOSED TWO (2) LIGHTS, AND UPDATE PARKING BY BOHLER ENGINEERING. 12/2/14

AS BUILT CERTIFICATE	
JAYKANT D. PARSKI #101481 ARTHUR E. MUEGGE #87071	DATE
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY DEPARTMENT.	DATE
<i>James P. ...</i> 5-2-91	DATE
COUNTY HEALTH OFFICER	DATE
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.	DATE
<i>James S. ...</i> 5/3/91	DATE
DIRECTOR	DATE
<i>Arthur E. Muegge</i> 5/3/91	DATE
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT	DATE
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.	DATE
<i>James P. ...</i> 4/26/91	DATE
DIRECTOR	DATE
<i>Arthur E. Muegge</i> 4-26-91	DATE
CHIEF, BUREAU OF ENGINEERING	DATE
12/11/14	REVISION
ADDITION ELECTRIC VEHICLE CHARGING STATION	REVISION
DATE NO.	REVISION
OWNER / DEVELOPER	
STONEHENGE LIMITED PARTNERSHIP 40 YORK ROAD TOWSON, MARYLAND 21284	
PROJECT	A COMMERCIAL CENTER THE ENCHANTED FOREST PARCEL 'A' AND PARCEL 68
AREA TAX MAP NO. 24	PARCELS 454, 564, 19, 68 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TITLE	MISCELLANEOUS DETAILS
RIEMER MUEGGE & ASSOCIATES, INC. A Land Planning, Engineering and Consulting Firm 3105 North Ridge Road 301-461-2690	ELLICOTT CITY, MARYLAND 21043 FAX: 301-750-3176
DATE	4-3-91
DESIGNED BY:	J.J.B.
DRAWN BY:	DAM
PROJECT NO:	30110
DATE:	APRIL 3, 1991
SCALE:	AS SHOWN
DRAWING NO.	40 OF 42

PREPARED BY:
KIMLEY-HORN
11400 COMMERCIAL PARK DRIVE SUITE 400
RESTON, VA 20191
PHONE 703-674-1800

NOTE:
-KIMLEY-HORN IS RESPONSIBLE FOR 12/11/14 REVISIONS ONLY.
-RIEMER MUEGGE AND ASSOCIATES IS RESPONSIBLE FOR ORIGINAL DESIGN.
-REFER TO EVIDENCE RECORD AT ENCHANTED FOREST CONSTRUCTION DRAWINGS FOR ADDITIONAL INFORMATION AND ADA REQUIREMENTS.



BOHLER ENGINEERING

SITE CIVIL AND CONSULTING ENGINEERING
 LAND SURVEYING PROGRAM MANAGEMENT LANDSCAPE ARCHITECTURE
 SUSTAINABLE DESIGN PERMITTING SERVICES TRANSPORTATION SERVICES

NEW YORK
 PHILADELPHIA
 PITTSBURGH
 RICHMOND
 WASHINGTON, D.C.

REVISIONS

REV	DATE	COMMENT	BY
1	11/14	REMOVE BERM AND LANDSCAPING	
2	09/24/23	REVISE DRAINAGE STRIPING, INSTALL 24" STOP BAR AND ADD STOP SIGN.	VTG

THE FOLLOWING STATES REQUIRE NOTIFICATION BY EXAMINATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE STATE OF VIRGINIA, MARYLAND, THE DISTRICT OF COLUMBIA, NORTH CAROLINA AND DELAWARE CALL: 811 (WV 1-800-246-4449) (PA 1-800-246-1773) (DC 1-800-287-7777) (VA 1-800-552-7001) (MD 1-800-257-7777) (DE 1-800-282-8858)

NOT APPROVED FOR CONSTRUCTION

PROJECT No.: MD149004
 DRAWN BY: PAB
 CHECKED BY: MJS
 DATE: 09/09/14
 SCALE: 1" = 30'
 CAD I.D.: RLO

SITE PLAN DOCUMENTS

FOR

KIMCO REALTY CORPORATION

LOCATION OF SITE
 10040 BALTIMORE NATIONAL PIKE, ELLICOTT CITY
 2ND ELEC. DIST.
 HOWARD COUNTY, MARYLAND

BOHLER ENGINEERING

901 DULANEY VALLEY ROAD, SUITE 801
 TOWSON, MARYLAND 21284
 Phone: (410) 821-7900
 Fax: (410) 821-7997
 MD@BohlerEng.com

E.R. MARYLAND LANDSCAPE ARCHITECTURE

REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT

SHEET TITLE:
LANDSCAPE PLAN

SHEET NUMBER:
41

SDP-90-74

LANDSCAPE SCHEDULE

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
SHADE TREES(S)					
AR	14	ACER RUBRUM	RED MAPLE	2 1/2" CAL.	B+B
QBC	5	QUERCUS BICOLOR	SWAMP WHITE OAK	2 1/2" CAL.	B+B
OR	10	QUERCUS RUBRA	RED OAK	2 1/2" CAL.	B+B
SUBTOTAL:	29				
ORNAMENTAL TREES(S)					
CC	9	CERIS CANADENSIS	EASTERN REDBUD	2 1/2" CAL.	B+B
PY	7	PRUNUS X YEDONENSIS	YOSHINO CHERRY	2 1/2" CAL.	B+B
SUBTOTAL:	16				
DECIDUOUS SHRUB(S)					
CCBM	345	CARYOPTERIS X CLANDONENSIS 'BLUE MIST'	BLUE MIST SPIREA	18-24"	#3 CAN
RAGL	128	RHUS ARNICA 'GRO-LOW'	GRO-LOW SIMAC	1 GAL.	CONTAINER
SSAW	142	SHRUBAE X BUNALDA 'ANTHONY WATERER'	ANTHONY WATERER SPIREA	18-24"	#3 CAN
SUBTOTAL:	615				

APPROVED: DEPARTMENT OF PLANNING AND ZONING

[Signature] 10/31/14
 CHIEF-DEVELOPMENT ENGINEERING DIVISION DATE

[Signature] 11-09-14
 CHIEF-DIVISION OF LAND DEVELOPMENT DATE

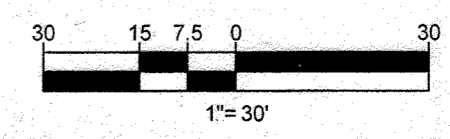
[Signature] 11/11/14
 DIRECTOR DATE

OWNER:
 ENCHANTED FOREST, LLC
 3333 NEW HYDE PARK ROAD
 NEW HYDE PARK, NY 11042
 PHONE: (410) 821-2000

DEVELOPER:
 KIMCO REALTY CORPORATION
 1964 GREENSPRING DRIVE, SUITE 330
 TIMONUM, MD 21105
 ATTN: GREG REED
 PHONE: (410) 684-2000

TAX MAP: 24 GRID: 2 ZONED: B-2
 PARCELS: 454, 654, 19, & 68 BUSINESS GENERAL
 ELLICOTT CITY
 2ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

PROFESSIONAL CERTIFICATION
 I, ERIC R. MARYLAND, HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 3897, EXPIRATION DATE: 02/01/14



LANDSCAPE SPECIFICATIONS

1. SCOPE OF WORK: THE LANDSCAPE CONTRACTOR SHALL BE REQUIRED TO PERFORM ALL CLEARING, FINISHED GRADING, SOIL PREPARATION, PERMANENT SEEDING OR SOODING, PLANTING AND MULCHING INCLUDING ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT NECESSARY FOR THE COMPLETION OF THIS PROJECT, UNLESS OTHERWISE CONTRACTED BY THE GENERAL CONTRACTOR.

2. MATERIALS
A. GENERAL - ALL HARDSCAPE MATERIALS SHALL MEET OR EXCEED SPECIFICATIONS AS OUTLINED IN THE STATE DEPARTMENT OF TRANSPORTATIONS SPECIFICATIONS.
B. TOPSOIL - NATURAL, FRIABLE, LOAMY SILT SOIL HAVING AN ORGANIC CONTENT NOT LESS THAN 5%, A PH RANGE BETWEEN 4.5-7.0. IT SHALL BE FREE OF DEBRIS, ROCKS LARGER THAN ONE INCH (1"), WOOD, ROOTS, VEGETABLE MATTER AND CLAY CLODS.

C. LAWN - ALL DISTURBED AREAS ARE TO BE TREATED WITH A MINIMUM SIX INCH (6") THICK LAYER OF TOPSOIL, OR AS DIRECTED BY THE LOCAL ORDINANCE OR CLIENT, AND SEEDED OR SOODED IN ACCORDANCE WITH THE PERMANENT STABILIZATION METHODS INDICATED WITHIN THE SOIL EROSION AND SEDIMENT CONTROL NOTES.
1.1. LAWN SEED MIXTURE SHALL BE FRESH, CLEAN SEED TO USE.
1.2. SOD SHALL BE STRONGLY ROOTED, WEED AND DISEASE/FREE WITH A UNIFORM THICKNESS.
1.3. SOD INSTALLED ON SLOPES GREATER THAN 4:1 SHALL BE PEGGED TO HOLD SOD IN PLACE.

D. MULCH - THE MULCH AROUND THE PERIMETER OF THE BUILDING SHALL BE A 3" LAYER OF DOUBLE SHREDDED DARK CEDAR MULCH ONLY. ALL OTHER AREAS SHALL BE MULCHED WITH A 3" LAYER OF DOUBLE SHREDDED DARK BROWN HARDWOOD BARK MULCH, UNLESS OTHERWISE STATED ON THE LANDSCAPE PLAN.

E. FERTILIZER
1.1. FERTILIZER SHALL BE DELIVERED TO THE SITE MIXED AS SPECIFIED IN THE ORIGINAL UNOPENED STANDARD BAGS SHOWING WEIGHT, ANALYSIS AND NAME OF MANUFACTURER. FERTILIZER SHALL BE STORED IN A WEATHERPROOF PLACE SO THAT IT CAN BE KEPT DRY AND PROTECTED FROM MOISTURE.
1.2. FOR THE PURPOSE OF BIDDING, ASSUME THAT FERTILIZER SHALL BE 10% NITROGEN, 6% PHOSPHORUS AND 4% POTASSIUM BY WEIGHT. A FERTILIZER SHOULD NOT BE SELECTED WITHOUT A SOIL TEST PERFORMED BY A CERTIFIED SOIL LABORATORY.

F. PLANT MATERIAL
1. ALL PLANTS SHALL IN ALL CASES CONFORM TO THE REQUIREMENTS OF THE "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI Z60.1), LATEST EDITION, AS PUBLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION.
1.2. IN ALL CASES, BOTANICAL NAMES SHALL TAKE PRECEDENCE OVER COMMON NAMES FOR ANY AND ALL PLANT MATERIAL.

G. GENERAL WORK PROCEDURES
A. CONTRACTOR TO UTILIZE WORKMANLIKE INDUSTRY STANDARDS IN PERFORMING ALL LANDSCAPE CONSTRUCTION. THE SITE IS TO BE LEFT IN A CLEAN STATE AT THE END OF EACH WORKDAY. ALL DEBRIS, MATERIALS AND TOOLS SHALL BE PROPERLY STORED, STOCKPILED OR DISPOSED OF.

H. SITE PREPARATIONS
A. BEFORE AND DURING PRELIMINARY GRADING AND FINISHED GRADING, ALL WEEDS AND GRASSES SHALL BE DUG OUT BY THE ROOTS AND DISPOSED OF IN ACCORDANCE WITH GENERAL WORK PROCEDURES OUTLINED HEREIN.

I. TREE PROTECTION
A. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TREES TO REMAIN. A TREE PROTECTION ZONE SHALL BE ESTABLISHED AT THE DRIP LINE OR 15 FEET FROM THE TRUNK OR AT THE LIMIT OF CONSTRUCTION DISTURBANCE, WHICHEVER IS GREATER. LOCAL STANDARDS THAT MAY REQUIRE A MORE STRICT TREE PROTECTION ZONE SHALL BE HONORED.

J. SOIL MODIFICATIONS
A. CONTRACTOR SHALL ATTAIN A SOIL TEST FOR ALL AREAS OF THE SITE PRIOR TO CONDUCTING ANY PLANTING. SOIL TESTS SHALL BE PERFORMED BY A CERTIFIED SOIL LABORATORY.

K. FINISHED GRADING
A. UNLESS OTHERWISE CONTRACTED, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF TOPSOIL AND THE ESTABLISHMENT OF FINE-GRADING WITHIN THE DISTURBANCE AREA OF THE SITE.

L. TOPSOILING
A. CONTRACTOR SHALL PROVIDE A SIX INCH (6") THICK MINIMUM LAYER OF TOPSOIL, OR AS DIRECTED BY THE LOCAL ORDINANCE OR CLIENT, IN ALL PLANTING AREAS. TOPSOIL SHOULD BE SPREAD OVER A PREPARED SURFACE IN A UNIFORM LAYER TO ACHIEVE THE DESIRED COMPACTED THICKNESS.

2. PLANTING
A. INSOFAR THAT IT IS FEASIBLE, PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY. IN THE EVENT THAT THIS IS NOT POSSIBLE, LANDSCAPE CONTRACTOR SHALL PROTECT UNINSTALLED PLANT MATERIAL. PLANTS SHALL NOT REMAIN UNPLANTED FOR LONGER THAN A THREE DAY PERIOD AFTER DELIVERY. PLANTS THAT WILL NOT BE PLANTED FOR A PERIOD OF TIME GREATER THAN THREE DAYS SHALL BE HEALED IN WITH TOPSOIL OR MULCH TO HELP PRESERVE ROOT MOISTURE.
B. PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AND IN ACCORDANCE WITH ACCEPTED LOCAL PRACTICE. PLANTS SHALL NOT BE INSTALLED IN TOPSOIL THAT IS IN A MOOY OR FROZEN CONDITION.

C. ANY INJURED ROOTS OR BRANCHES SHALL BE PRUNED TO MAKE CLEAN-CUT ENDS PRIOR TO PLANTING UTILIZING CLEAN, SHARP TOOLS. ONLY INJURED OR DISEASED BRANCHING SHALL BE REMOVED.
D. ALL PLANTING CONTAINERS AND NON-BIODEGRADABLE MATERIALS SHALL BE REMOVED FROM ROOT BALLS DURING PLANTING. NATURAL FIBER BURLAP MUST BE CUT FROM AROUND THE TRUNK OF THE TREE AND FOLDED DOWN AGAINST THE ROOT BALL PRIOR TO BACKFILLING.

E. PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY, THE PROPOSED LANDSCAPE, AS SHOWN ON THE APPROVED LANDSCAPE PLAN, MUST BE INSTALLED, INSPECTED AND APPROVED BY THE APPROVING AGENCY. THE APPROVING AGENCY SHALL TAKE INTO ACCOUNT SEASONAL CONSIDERATIONS IN THIS REGARD AS FOLLOWS. THE PLANTING OF TREES, SHRUBS, VINES OR GROUND COVER SHALL OCCUR ONLY DURING THE FOLLOWING PLANTING SEASONS:
1.1. PLANTS: MARCH 15 TO DECEMBER 15
1.2. LAWN: MARCH 15 TO JUNE 15 OR SEPT. 1 TO DECEMBER 1

F. FURTHERMORE, THE FOLLOWING TREE VARIETIES ARE UNUSUALLY SUSCEPTIBLE TO WINTER DAMAGE. WITH TRANSPORT SHOCK AND THE SEASONAL LACK OF NITROGEN AVAILABILITY, THE RISK OF PLANT DEATH IS GREATLY INCREASED. IT IS NOT RECOMMENDED THAT THESE SPECIES BE PLANTED DURING THE FALL PLANTING SEASON:
ACER RUBRUM PLATANUS X ACERIFOLIA
BETULA VARIETIES POPULUS VARIETIES
CARPINUS VARIETIES PRUNUS VARIETIES
CRATAEGUS VARIETIES PYRUS VARIETIES
KOELREUTERIA QUERCUS VARIETIES
LIQUIDAMBAR STYRACIFLUA TILIA TOMENTOSA
LIRIODENDRON TULIPIFERA ZELKOVA VARIETIES

G. PLANTING PITS SHALL BE DUG WITH LEVELled BOTTOMS, WITH THE WIDTH TWICE THE DIAMETER OF ROOT BALL. THE ROOT BALLS SHALL REST ON UNDISTURBED GRADE. EACH PLANT PIT SHALL BE BACKFILLED IN LAYERS WITH THE FOLLOWING PREPARED SOIL MIXED THOROUGHLY:
1 PART PEAT MOSS
1 PART COMPOSTED COW MANURE BY VOLUME
3 PARTS TOPSOIL BY VOLUME
21 GRAMS AGRIFORM PLANTING TABLETS (OR APPROVED EQUAL) AS FOLLOWS:
A) 2 TABLETS PER 1 GALLON PLANT
B) 3 TABLETS PER 5 GALLON PLANT
C) 4 TABLETS PER 15 GALLON PLANT
D) LARGER PLANTS: 2 TABLETS PER 1/2" CALIPER OF TRUNK

H. ALL PLANTS SHALL BE PLANTED SO THAT THE TOP OF THE ROOT BALL, THE POINT AT WHICH THE ROOT FLARE BEGINS, IS SET AT GROUND LEVEL AND IN THE CENTER OF THE PIT. NO SOIL IS TO BE PLACED DIRECTLY ON TOP OF THE ROOT BALL.
I. ALL PROPOSED TREES DIRECTLY ADJACENT TO WALKWAYS OR DRIVEWAYS SHALL BE PRUNED AND MAINTAINED TO A MINIMUM BRANCHING HEIGHT OF 7' FROM GRADE.

J. GROUND COVER AREAS SHALL RECEIVE A 1/2" LAYER OF HUMUS RAKED INTO THE TOP 1" OF PREPARED SOIL PRIOR TO PLANTING. ALL GROUND COVER AREAS SHALL BE WEDED AND TREATED WITH A PRE-EMERGENT CHEMICAL AS PER MANUFACTURER'S RECOMMENDATION.
K. NO PLANT, EXCEPT GROUND COVERS, GRASSES OR VINES, SHALL BE PLANTED LESS THAN TWO FEET (2') FROM EXISTING STRUCTURES AND SIDEWALKS.

L. ALL PLANTING AREAS SHALL BE WATERED IMMEDIATELY UPON INSTALLATION IN ACCORDANCE WITH THE WATERING SPECIFICATIONS AS LISTED HEREIN.
M. ALL TRANSPLANTS SHALL BE DUG WITH INTACT ROOT BALLS CAPABLE OF SUSTAINING THE PLANT.

N. IF PLANTS ARE TO BE STOCKPILED BEFORE REPLANTING, THEY SHALL BE HEALED IN WITH MULCH OR SOIL, ADEQUATELY WATERED AND PROTECTED FROM EXTREME HEAT, SUN AND WIND.
O. PLANTS SHALL NOT BE DUG FOR TRANSPLANTING BETWEEN APRIL 10 AND JUNE 30.

P. DURING REPLANTING, BACKFILL SOIL SHALL BE AMENDED WITH FERTILIZER AND ROOT GROWTH HORMONE.
Q. TRANSPLANTS SHALL BE GUARANTEED FOR THE LENGTH OF THE GUARANTEE PERIOD SPECIFIED HEREIN.

R. IF TRANSPLANTS DIE, SHRUBS AND TREES LESS THAN SIX INCHES (6") DBH SHALL BE REPLACED IN KIND. TREES GREATER THAN SIX INCHES (6") DBH MAY BE REQUIRED TO BE REPLACED IN ACCORDANCE WITH THE MUNICIPALITY'S TREE REPLACEMENT GUIDELINES.
S. NEW PLANTINGS OR LAWN AREAS SHALL BE ADEQUATELY IRRIGATED BEGINNING IMMEDIATELY AFTER PLANTING. WATER SHALL BE APPLIED TO EACH TREE AND SHRUB IN SUCH MANNER AS NOT TO DISTURB BACKFILL AND TO THE EXTENT THAT ALL MATERIALS IN THE PLANTING HOLE ARE THOROUGHLY SATURATED, WATERING SHALL CONTINUE AT LEAST UNTIL PLANTS ARE ESTABLISHED.

T. GUARANTEE
A. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANTS FOR A PERIOD OF ONE (1) YEAR FROM APPROVAL OF LANDSCAPE INSTALLATION BY THE APPROVING AGENCY. CONTRACTOR SHALL SUPPLY THE OWNER WITH A MAINTENANCE BOND FOR TEN PERCENT (10%) OF THE VALUE OF THE LANDSCAPE INSTALLATION WHICH WILL BE RELEASED AT THE CONCLUSION OF THE GUARANTEE PERIOD AND WHEN A FINAL INSPECTION HAS BEEN COMPLETED AND APPROVED BY THE OWNER OR AUTHORIZED REPRESENTATIVE.

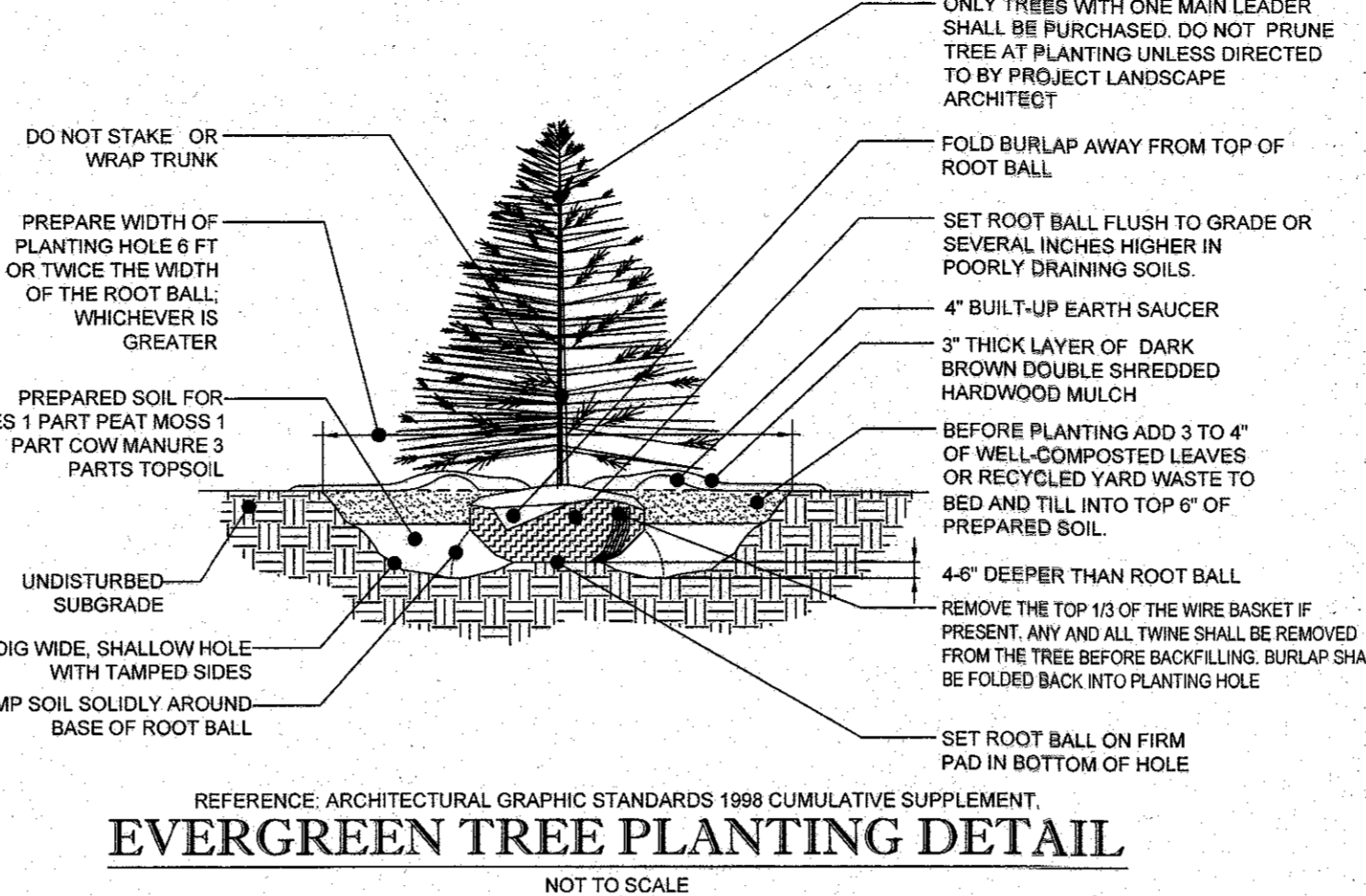
U. CLEANUP
A. UPON THE COMPLETION OF ALL LANDSCAPE INSTALLATION AND BEFORE THE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL UNUSED MATERIALS, EQUIPMENT AND DEBRIS FROM THE SITE. ALL PAVED AREAS ARE TO BE CLEANED.
B. THE SITE SHALL BE CLEANED AND LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER OR AUTHORIZED REPRESENTATIVE.

V. WATERING
A. CONTRACTOR SHALL PROVIDE WATER IF AVAILABLE ON SITE AT TIME OF PLANTING. IF WATER IS NOT AVAILABLE ON SITE, CONTRACTOR SHALL SUPPLY ALL NECESSARY WATER. THE USE OF WATERING BAGS IS RECOMMENDED FOR ALL NEWLY PLANTED TREES.
B. IF AN IRRIGATION SYSTEM HAS BEEN INSTALLED ON THE SITE, IT SHALL BE USED TO WATER PROPOSED PLANT MATERIAL, BUT ANY FAILURE OF THE SYSTEM DOES NOT ELIMINATE THE CONTRACTOR'S RESPONSIBILITY OF MAINTAINING THE DESIRED MOISTURE LEVEL FOR VIGOROUS, HEALTHY GROWTH.

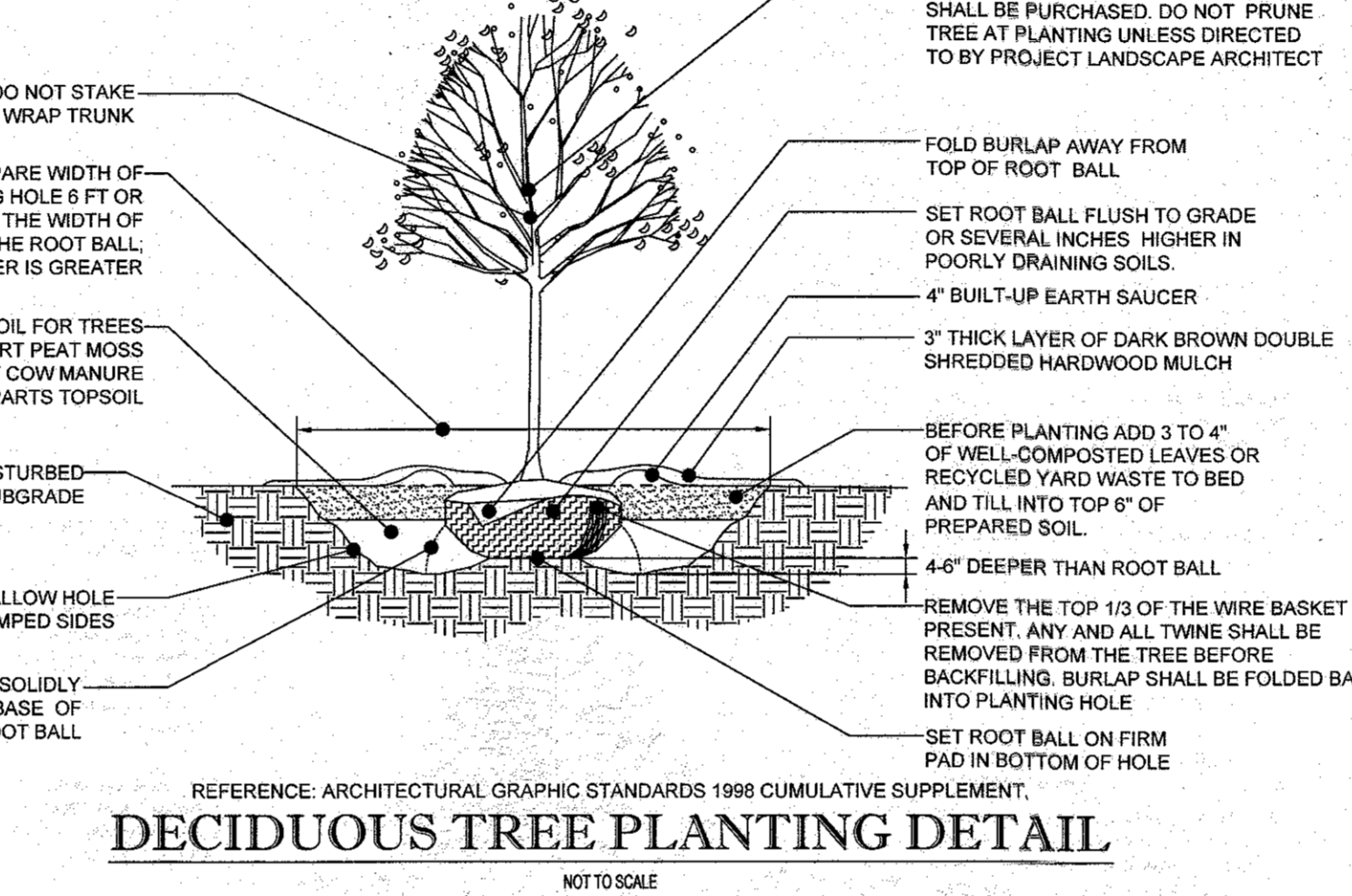
W. MAINTENANCE
A. TREES AND SHRUBS SHALL BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION AND THROUGHOUT THE 90 DAY MAINTENANCE PERIOD AS SPECIFIED HEREIN. CULTIVATION, WEEDING, WATERING AND THE PREVENTATIVE TREATMENTS SHALL BE PERFORMED AS NECESSARY TO KEEP PLANT MATERIAL IN GOOD CONDITION AND FREE OF INSECTS AND DISEASE.
B. LAWNS SHALL BE MAINTAINED THROUGH WATERING, FERTILIZING, WEEDING, MOWING, TRIMMING AND OTHER OPERATIONS SUCH AS ROLLING, REGARDING AND REPLANTING AS REQUIRED TO ESTABLISH A SMOOTH, ACCEPTABLE LAWN, FREE OF ERODED OR BARE AREAS.

X. FINISHED GRADING
A. UNLESS OTHERWISE CONTRACTED, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF TOPSOIL AND THE ESTABLISHMENT OF FINE-GRADING WITHIN THE DISTURBANCE AREA OF THE SITE.
B. LANDSCAPE CONTRACTOR SHALL VERIFY THAT SUBGRADE FOR INSTALLATION OF TOPSOIL HAS BEEN ESTABLISHED. THE SUBGRADE OF THE SITE MUST MEET THE FINISHED GRADE LESS THE REQUIRED TOPSOIL THICKNESS (1").
C. ALL LAWN AND PLANTING AREAS SHALL BE GRADED TO A SMOOTH, EVEN AND UNIFORM PLANE WITH NO ABRUPT CHANGE OF SURFACE AS DEPICTED WITHIN THIS SET OF CONSTRUCTION PLANS, UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER OR LANDSCAPE ARCHITECT.

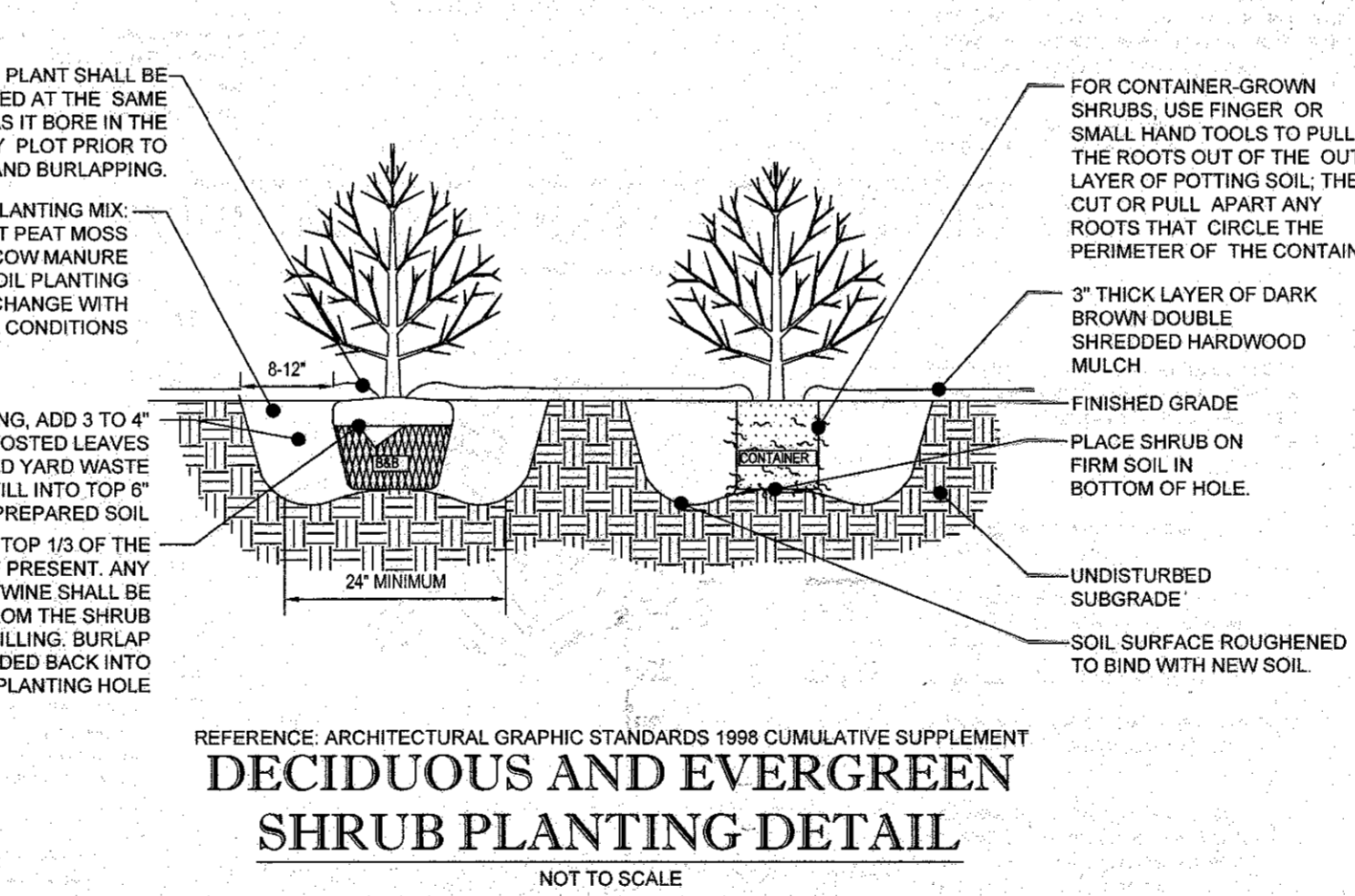
Y. TOPSOILING
A. CONTRACTOR SHALL PROVIDE A SIX INCH (6") THICK MINIMUM LAYER OF TOPSOIL, OR AS DIRECTED BY THE LOCAL ORDINANCE OR CLIENT, IN ALL PLANTING AREAS. TOPSOIL SHOULD BE SPREAD OVER A PREPARED SURFACE IN A UNIFORM LAYER TO ACHIEVE THE DESIRED COMPACTED THICKNESS.
B. ON-SITE TOPSOIL MAY BE USED TO SUPPLEMENT THE TOTAL AMOUNT REQUIRED. TOPSOIL FROM THE SITE MAY BE REJECTED IF IT HAS NOT BEEN PROPERLY REMOVED, STORED AND PROTECTED PRIOR TO CONSTRUCTION.
C. CONTRACTOR SHALL FURNISH TO THE APPROVING AGENCY AN ANALYSIS OF BOTH IMPORTED AND ON-SITE TOPSOIL TO BE UTILIZED IN ALL PLANTING AREAS. THE PH AND NUTRIENT LEVELS MAY NEED TO BE ADJUSTED THROUGH SOIL MODIFICATIONS AS NEEDED TO ACHIEVE THE REQUIRED LEVELS AS SPECIFIED IN THE MATERIALS SECTION ABOVE.
D. ALL PLANTING AND LAWN AREAS ARE TO BE CULTIVATED TO A DEPTH OF SIX INCHES (6"). ALL DEBRIS EXPOSED FROM EXCAVATION AND CULTIVATION SHALL BE DISPOSED OF IN ACCORDANCE WITH GENERAL WORK PROCEDURES SECTION ABOVE. THE FOLLOWING SHALL BE FILLED INTO THE TOP FOUR INCHES (4") IN TWO DIRECTIONS (QUANTITIES BASED ON A 1,000 SQUARE FOOT AREA):
1.1. 20 POUNDS GROW POWER OR APPROVED EQUAL
1.2. 20 POUNDS NITRO-FORM (COURSE) 36-0 BLUE CHIP
E. THE SPREADING OF TOPSOIL SHALL NOT BE CONDUCTED UNDER MUDDY OR FROZEN CONDITIONS.



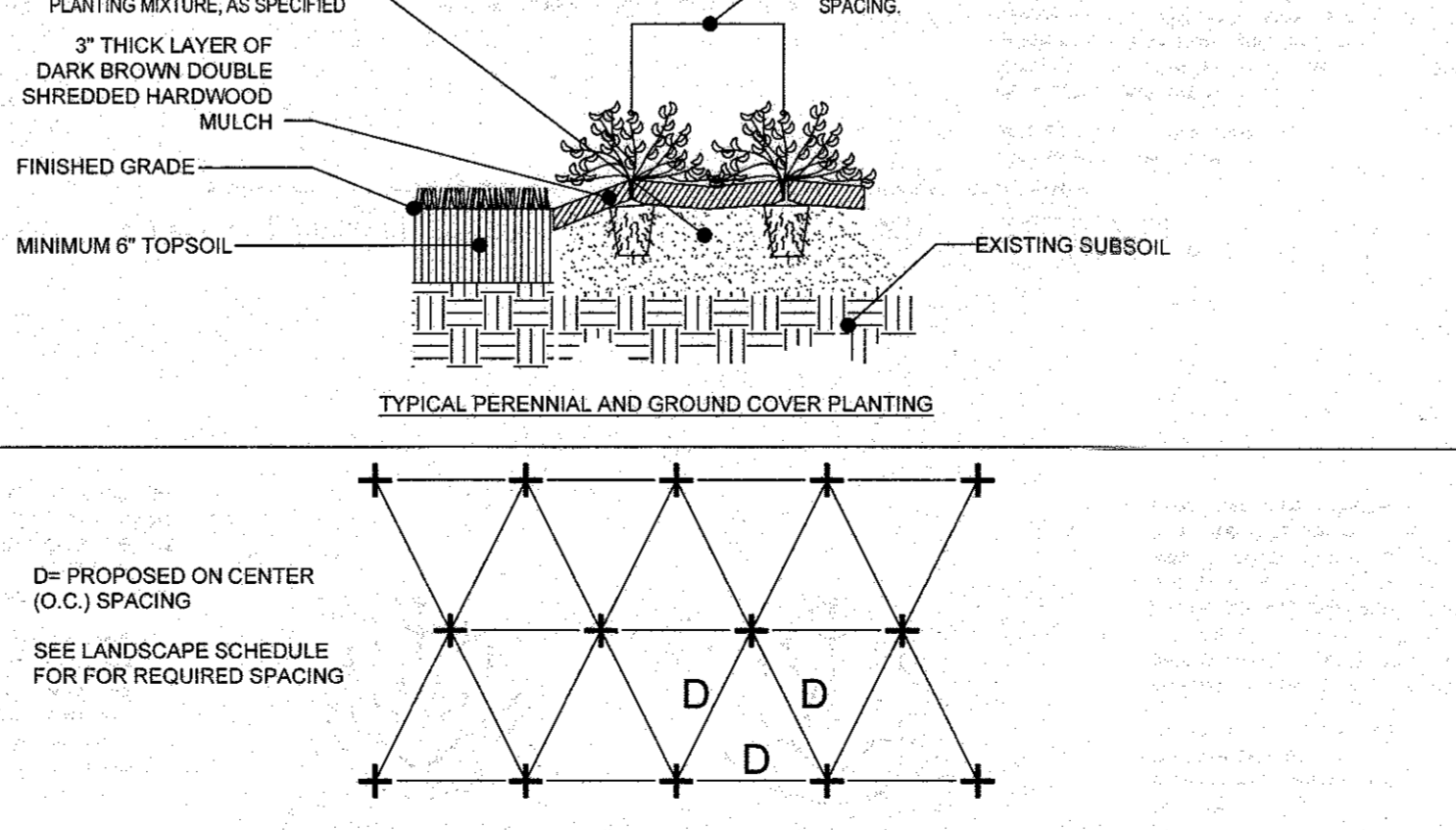
EVERGREEN TREE PLANTING DETAIL



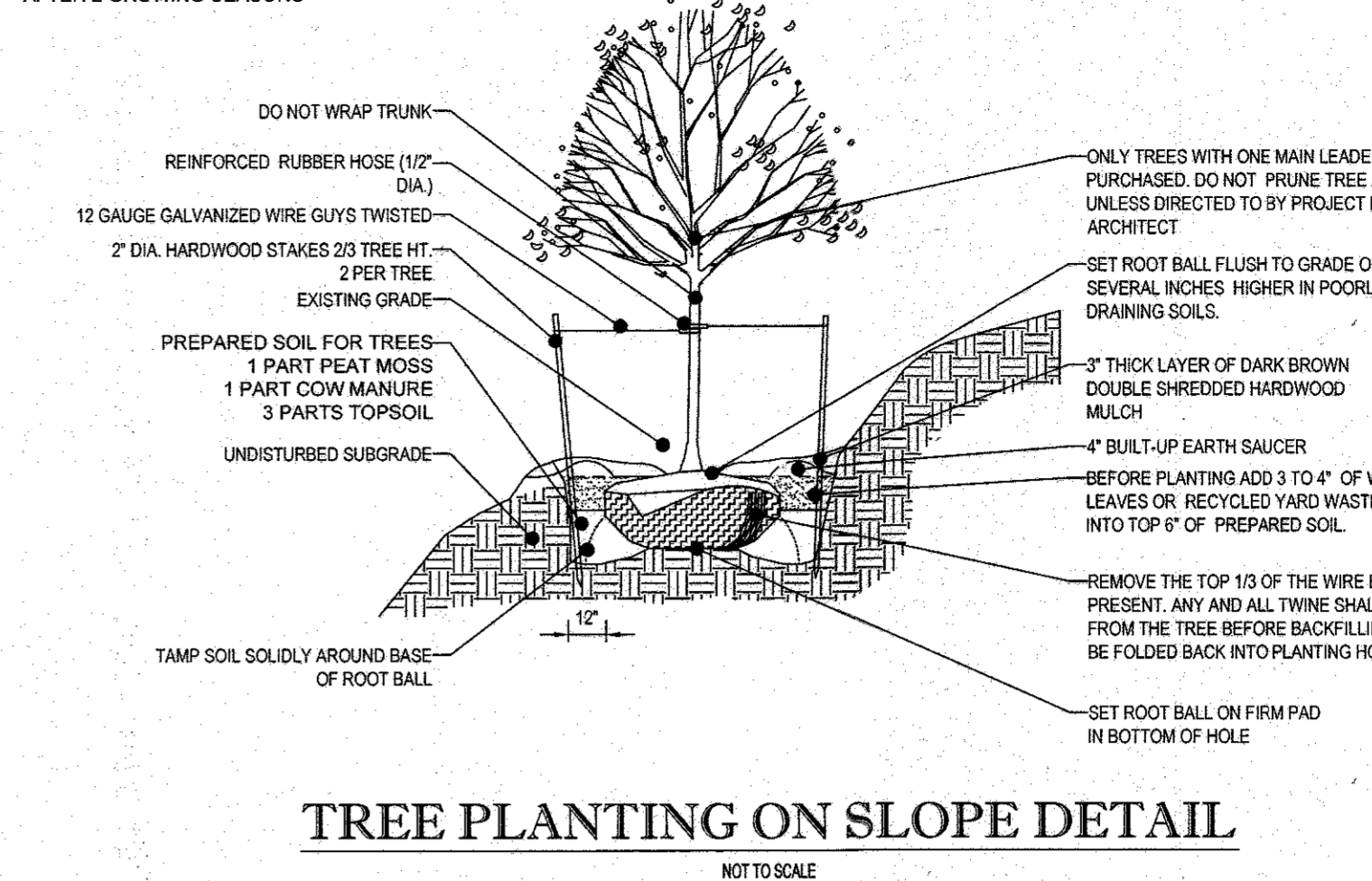
DECIDUOUS TREE PLANTING DETAIL



DECIDUOUS AND EVERGREEN SHRUB PLANTING DETAIL



PERENNIAL/GROUND COVER PLANTING DETAIL



TREE PLANTING ON SLOPE DETAIL

SEEDING SPECIFICATIONS
1. PRIOR TO SEEDING, AREA IS TO BE TOPSOILED, FINE GRADED, AND RAKED OF ALL DEBRIS LARGER THAN 2" DIAMETER.
2. PRIOR TO SEEDING, CONSULT MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS.
3. SEEDING RATES:
PERENNIAL RYEGRASS 1/2 LB/1,000 SQ FT
KENTUCKY BLUEGRASS 1 LB/1,000 SQ FT
RED FESCUE 1 1/2 LB/1,000 SQ FT
SPREADING FESCUE 1 1/2 LB/1,000 SQ FT
FERTILIZER (20:10:10) 14 LB/1,000 SQ FT
MULCH 90 LB/1,000 SQ FT
4. GERMINATION RATES WILL VARY AS TO TIME OF YEAR FOR SOWING. CONTRACTOR TO IRRIGATE SEEDING AREA UNTIL AN ACCEPTABLE STAND OF COVER IS ESTABLISHED BY OWNER.

OWNER MAINTENANCE RESPONSIBILITIES

UPON OWNER'S (OR OWNER CONTRACTOR'S) COMPLETION OF LANDSCAPING WORK, THE OWNER IS FULLY RESPONSIBLE FOR ALL FUTURE MAINTENANCE, CARE, UPKEEP, WATERING, AND TRIMMING OF ALL INSTALLED VEGETATION, PLANTS, TREE, BUSHES, SHRUBS, GRASSES, GRASS, ORNAMENTAL PLANTS AND FLOWERS, FLOWERS, GROUND COVER, AND LANDSCAPING, INCLUDING ALL LANDSCAPE ISLANDS AND AREAS ADJACENT OR PART OF THE LANDSCAPED AREAS. THIS RESPONSIBILITY INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING:
- TREES ADJACENT TO WALKWAYS AND AREAS OF PEDESTRIAN TRAFFIC MUST BE MAINTAINED TO ASSURE THAT ANY BRANCHES MUST BE LIMBED UP TO A CLEARANCE HEIGHT OF 7 FT. (FROM ALL PEDESTRIAN SURFACES) OR PRUNED BACK TO AVOID ANY INTERFERENCE WITH THE TYPICAL PATH OF TRAVEL.
- TREES WITHIN VEHICULAR SIGHT LINES, AS ILLUSTRATED ON THE LANDSCAPE PLAN, ARE TO BE TRIMMED TO A CLEARANCE HEIGHT OF 7 FT. (FROM ALL PAVED, TRAVELED SURFACES), OR AS OTHERWISE INDICATED ON THE PLANS.
- VEGETATIVE GROUND COVER, SHRUBS AND ORNAMENTAL PLANTS AND GRASSES MUST BE TRIMMED SO THAT NO PORTION OF THE PLANT EXCEEDS 30 INCHES ABOVE GRADE (OF ALL PAVED, TRAVEL SURFACES) ALONG AND WITHIN THE SIGHT LINES OF PARKING LOTS AND INGRESS-EGRESS WAYS.
- FALLEN PLANT FLOWERS, FRUIT, SEEDS AND DEBRIS DRIPPING ARE TO BE REMOVED IMMEDIATELY FROM VEHICULAR AND PEDESTRIAN TRAFFIC AREAS TO PREVENT TRIPPING, SLIPPING OR ANY OTHER HAZARDS.

THESE REQUIREMENTS DO NOT AFFECT THE PLANT LIFE GUARANTEES THE LANDSCAPE CONTRACTOR IS REQUIRED TO PROVIDE.

BOHLER ENGINEERING logo and contact information.

REVISIONS table with columns for REV, DATE, COMMENT, BY.

Professional seal and signature for Eric R. Williams.

SITE PLAN DOCUMENTS logo and project information.

KIMCO REALTY CORPORATION logo and address information.

BOHLER ENGINEERING logo and address information.

E.R. WILLIAMS logo and professional seal.

LANDSCAPE NOTES & DETAILS logo and sheet number 42.

APPROVED: DEPARTMENT OF PLANNING AND ZONING stamp with date 10-31-14.

OWNER and DEVELOPER information: ENCHANTED FOREST, LLC and KIMCO REALTY CORPORATION.

PROFESSIONAL CERTIFICATION text for Eric R. Williams.