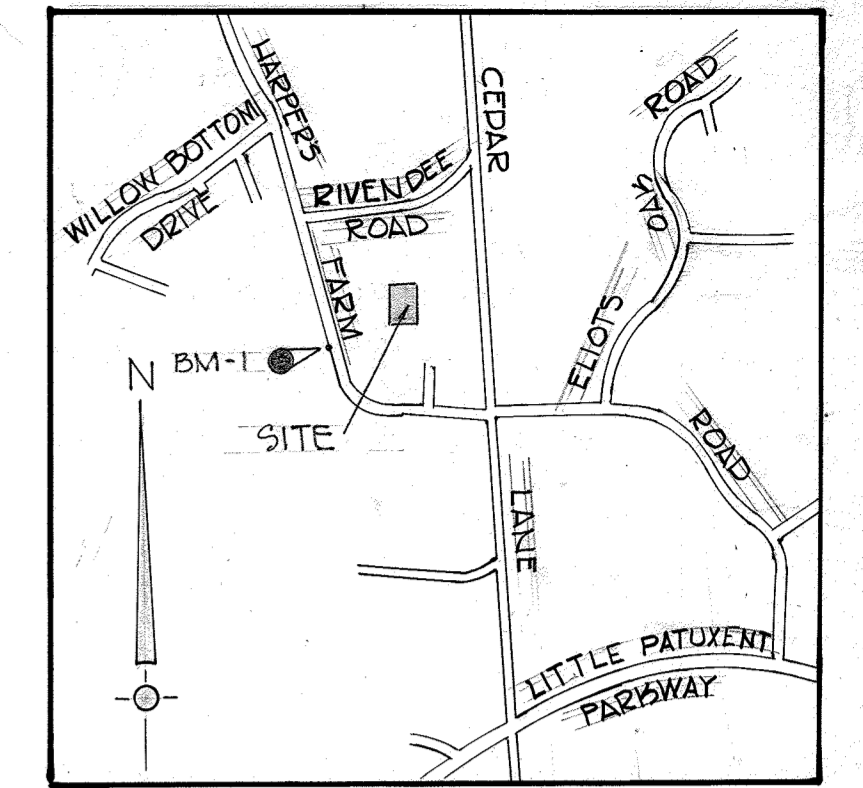


SEDIMENT CONTROL NOTES

1. DURING CONSTRUCTION OF THIS PROJECT, EVERY POSSIBLE MEANS WILL BE TAKEN TO CONTROL SOIL EROSION AND SILTATION.
2. DICES, DIVERSIONS, LEVEL RIDGES, ETC. WILL BE LOCATED IN THE FIELD AS CLOSELY AS POSSIBLE TO THE LOCATIONS OF THESE DISTURBING FIELD CHANGES AND MINOR ADJUSTMENTS ARE PERMISSIBLE AS LONG AS THE INSTALLATIONS ARE FUNCTIONAL AND CONFORM TO SPECIFICATIONS.
3. SEDIMENT CONTROL OR DEBRIS MUST BE BUILT TO DESIGN AND SPECIFICATIONS SHOWN. SPECIFIED MATERIALS MUST BE INSTALLED UNLESS CHANGES OR MODIFICATIONS WILL BE MADE WITHOUT AUTHORIZATION IN WRITING FROM THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
4. ALL SEDIMENT PRACTICES MUST BE CARRIED OUT PRIOR TO BEGINNING MAJOR GRADING, CLEARING, OR CONSTRUCTION OPERATIONS. MAJOR OPERATIONS WILL BE CARRIED OUT PRIOR TO COMPLETION OF THESE CONTROL MEASURES WITHOUT WRITTEN AUTHORIZATION FROM THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
5. LIMING, FERTILIZING, SEEDING, MULCHING, ETC. WHERE SPECIFIED ARE ESSENTIAL PARTS OF SEDIMENT CONTROL AND MUST BE COMPLETED ALONG WITH THE OTHER MEASURES.
6. PRACTICES INSTALLED WILL BE MAINTAINED DURING TIME OF DEVELOPMENT.
7. SEED ALL DISTURBED AREAS WITH EYE GRASS AT THE RATE OF 327/1000 SQ. FT. FERTILIZER - 25%/1000 SQ. FT. 10-10-10 LIMESTONE - 25%/1000 SQ. FT. GROUND MULCH - 70 - 90%/1000 SQ. FT. (WEED FREE STRAW, LIQUID MULCH BINDER)



VICINITY MAP
SCALE: 1" = 600'

BM-1 ELEV. 474.10
CORNER OF INLET, HARPERS FARM ROAD (PER CONTRACT NO. C-455-D-W#5)

PHASING OF GRADING CONSTRUCTION:

1. OBTAIN GRADING PERMIT
 2. COLLECT SEDIMENT TRAP, GRAVEL OUTLETS & DIVERSION BEZMS.
 3. GRADE SITE TO PROPOSED ELEVATION, EXCEPT WHERE SEDIMENT CONTROL STRUCTURES ARE LOCATED. SEE DETAIL BELOW PROPOSED SEDIMENT CONTROL MEASURE.
 4. TEMPORARY SEEDING & STABILIZATION.
 5. SEDIMENT CONTROL STRUCTURES ARE TO REMAIN UNTIL COMPLETION OF THE SITE AND STORM DRAIN CONSTRUCTION.
- TOTAL SITE AREA = 23,998 SQ. FT. TOTAL DISTURBED AREA = 33,549 SQ. FT. TOTAL PAVED & ROOF AREA = 12,310 SQ. FT. TOTAL PERMANENT SEED AREA = 21,040 SQ. FT.

SITE ANALYSIS

AREA OF SITE 0.11 AC.
PRESENT ZONING NEW TOWN - EMPLOYMENT CENTER - COMMERCIAL - PDP 69-D
TOTAL NO. EMPLOYEES 14
BUILDING AREA 5400 SQ. FT.
USABLE FLOOR AREA 4696 SQ. FT.
PARKING SPACES REQ'D 4696/400 = 12
PARKING SPACES PROVIDED 12
PLAN REFERENCE: PB 18 F 12
SITE ADDRESS: 2155 HARPERS FARM DRIVE COLUMBIA, MD 21044

THE TRANSPORTATION STUDY FOR THIS PROJECT

WAS PREPARED BY WELLS ASSOCIATES, INC. APRIL 1975 AND WAS APPROVED ON OCTOBER 21, 1975.

SUMMARY OF FINDINGS FOR APPROXIMATE ANALYSIS

1. TRAFFIC STUDY TITLE: HARPERS FARM ROAD.
 2. DATE OF REPORT: APRIL 1975.
 3. REPORT SUBMITTED AS PART OF PLAN NO. SDP-78-022C.
 4. DATE OF TRAFFIC COUNTS: WEDNESDAY, FEBRUARY 13, 1975; THURSDAY, FEBRUARY 21, AND THURSDAY, MARCH 16, 1975.
 5. HOWARD COUNTY PUBLIC SCHOOLS WERE IN SESSION WHEN THE COUNTS WERE COLLECTED.
 6. THE FOLLOWING HOWARD COUNTY INTERSECTIONS WERE STUDIED:
1. HARPERS FARM ROAD/WILLOW BOTTOM DRIVE - CLV AM(A) PM(C)
2. HARPERS FARM ROAD/IVENDELL LANE - WBLR - AM(C) PM(C)
3. HARPERS FARM ROAD/JUDSON ROAD - EDLR - AM(A) PM(C)
4. HARPERS FARM ROAD/SHOPPING CENTER ENTRANCE - CLV AM(A) PM(C)
5. HARPERS FARM ROAD/SPAR LANE - CLV AM(A) PM(C)
6. HARPERS FARM ROAD/BEAVER HILL ROAD - CLV AM(A) PM(C)
7. HARPERS FARM ROAD/ELIOTS OAK ROAD - CLV AM(A) PM(C)
- THE RESULTS OF THE STUDY INDICATE THAT MITIGATION IS NOT REQUIRED.

REVIEWED FOR HOWARD S.C.O. NAME AND MEETS TECHNICAL REQUIREMENTS.
SIGNATURE: *Walter Benth* DATE: 3-26-79
U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED: *Les Earp* DATE: 3-26-79
HOWARD S.C.O.

SEDIMENT CONTROL APPROVAL:
GP-78-10

DEVELOPER'S CERTIFICATE

"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL, AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

FORMULATORS, INC. 2601 JEWEL ROAD - SUITE F BELLEAIR BLUFFS, FLORIDA 33540
DATE: 2/14/79

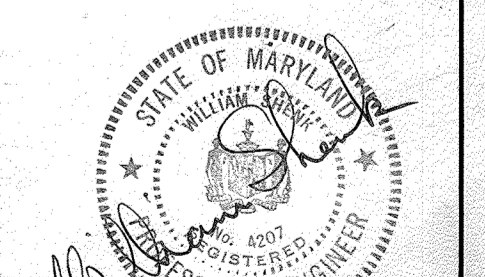
ENGINEER'S CERTIFICATE

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

SHENK-STILL ASSOCIATES, INC. 43 EAST LEE STREET BEL AIR, MARYLAND
DATE: AUG 15, 1977

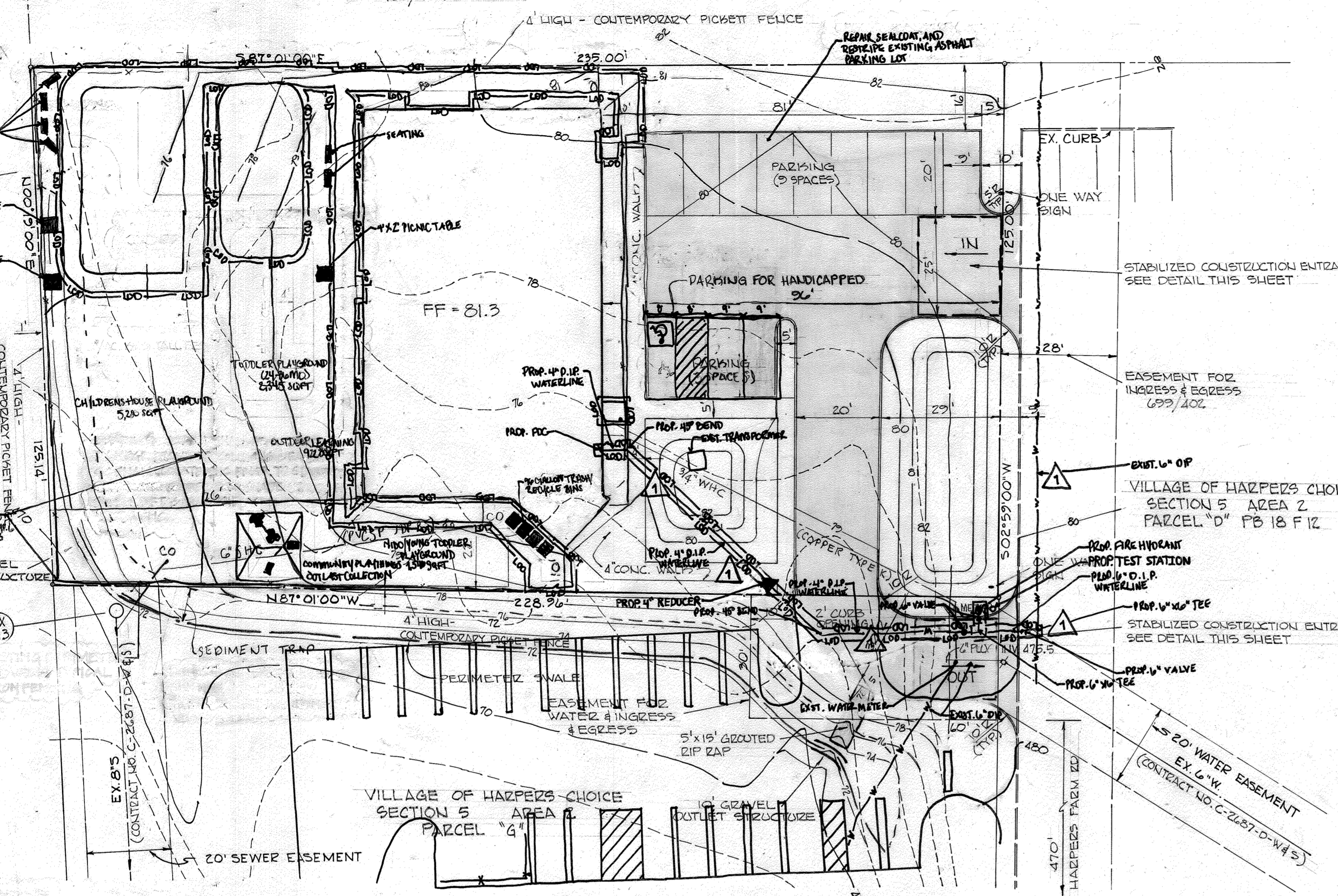
APPROVED
PLANNING BOARD OF HOWARD COUNTY

DATE: 12-21-77

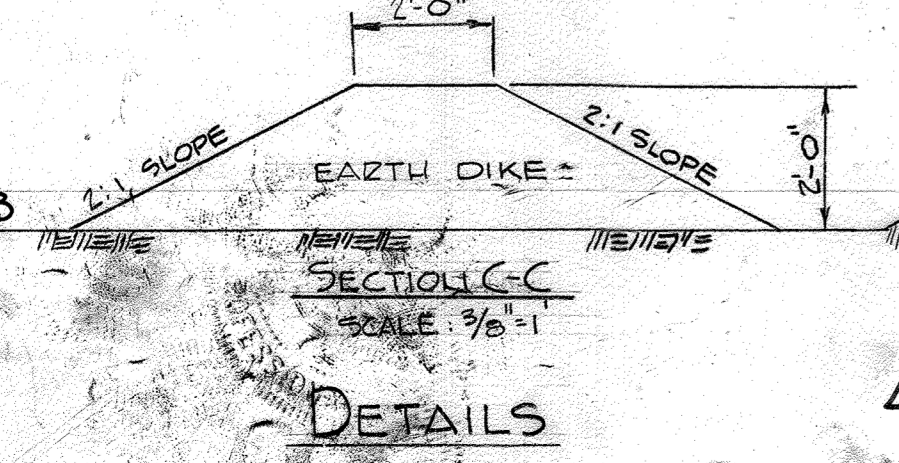
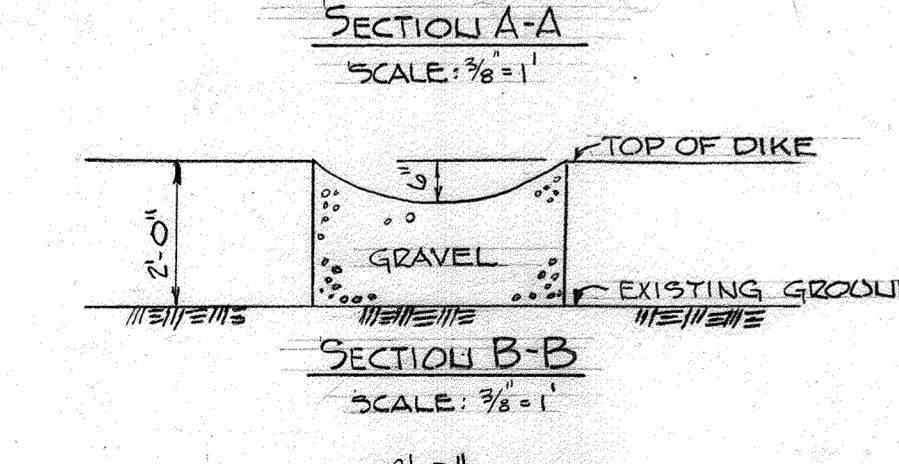
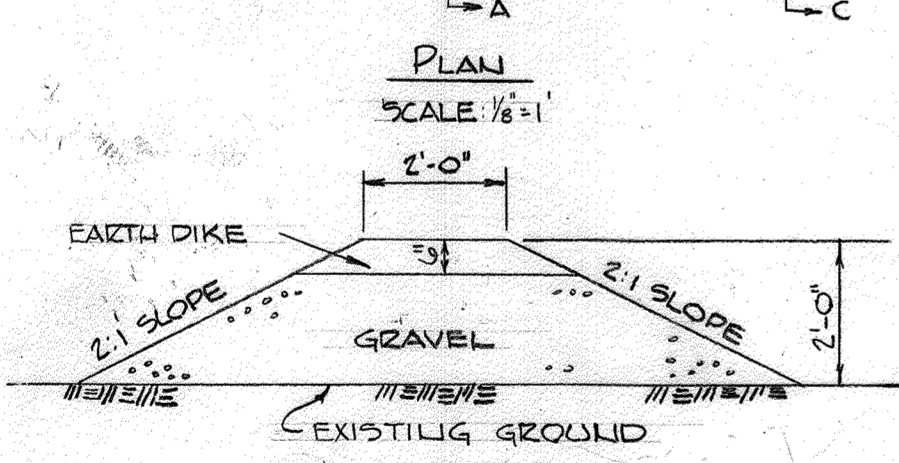
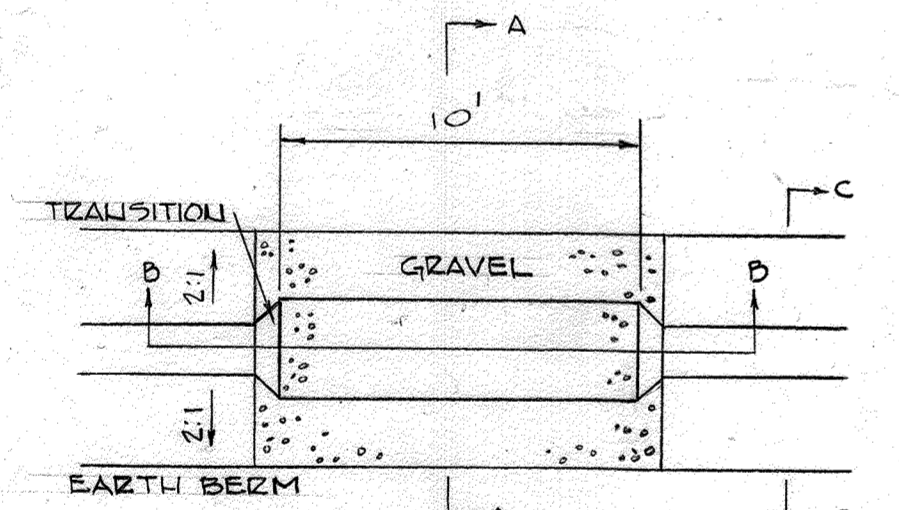


SHENK-STILL ASSOCIATES, INC.
43 EAST LEE STREET BEL AIR, MARYLAND 21014

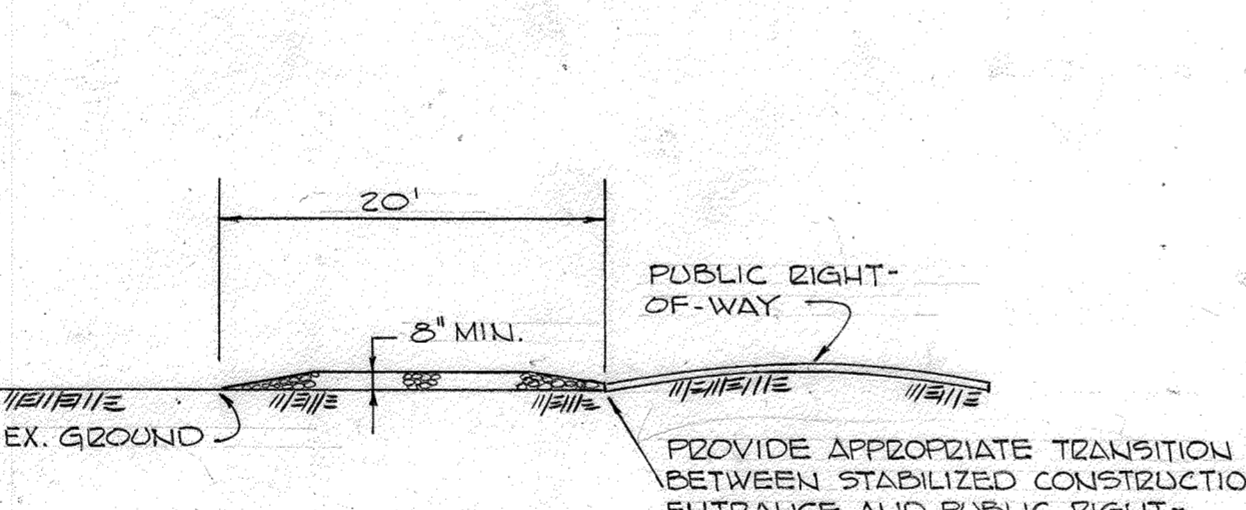
DATE: 15 MARCH 1977 SCALE: 1" = 20' FILE NO.: SDP-78-32c



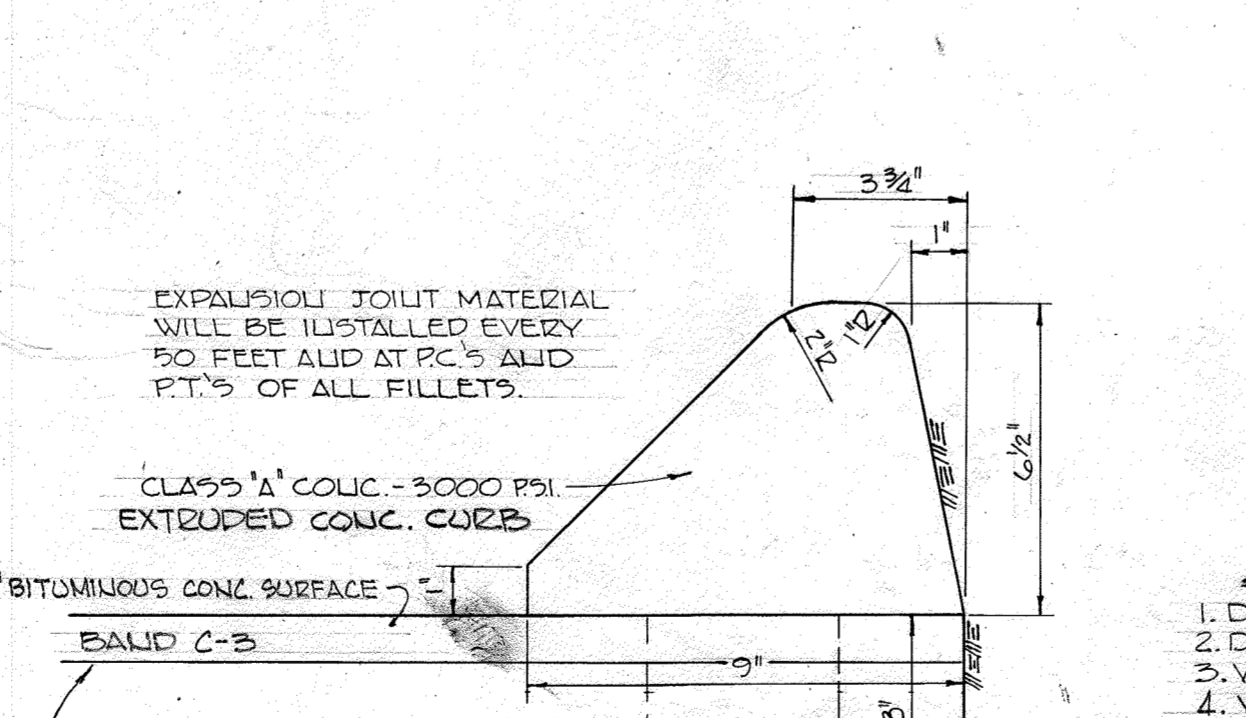
SITE PLAN
SCALE: 1" = 20'



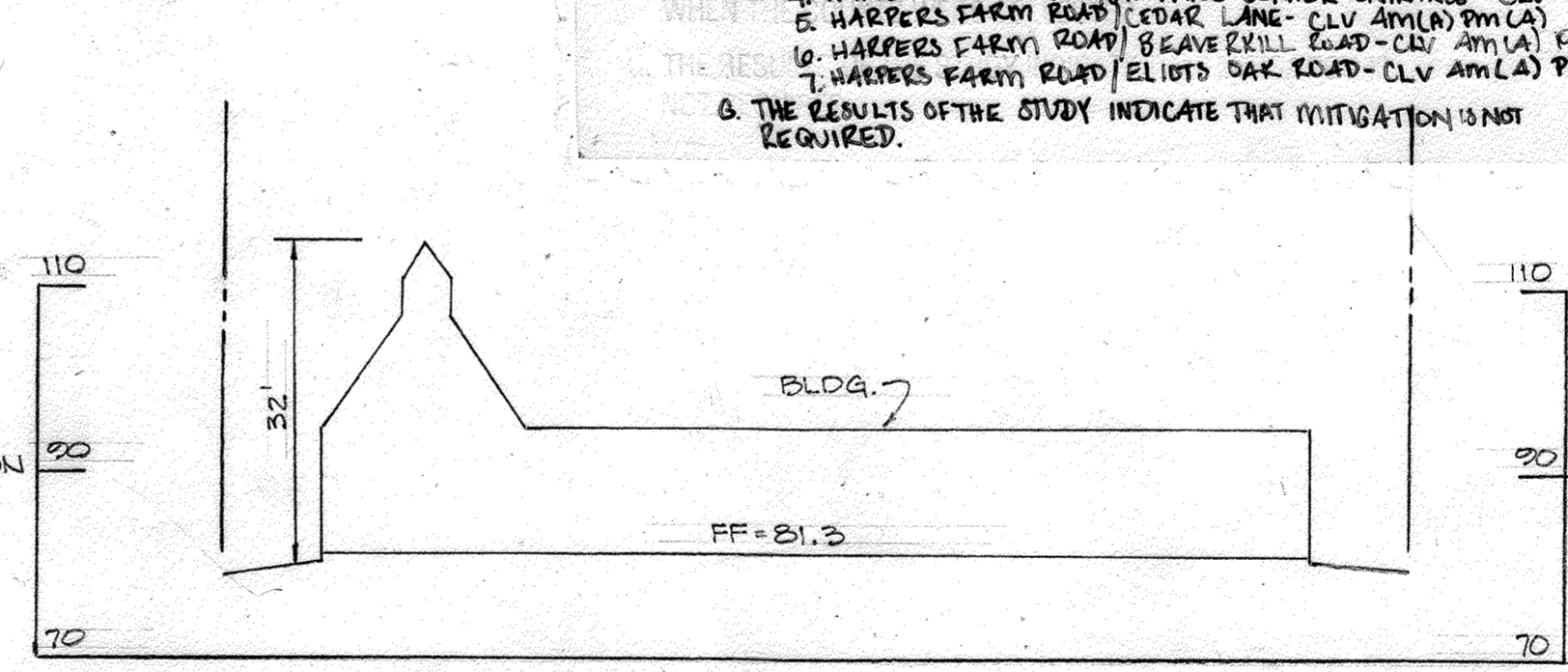
GRAVEL OUTLET SEDIMENT TRAP



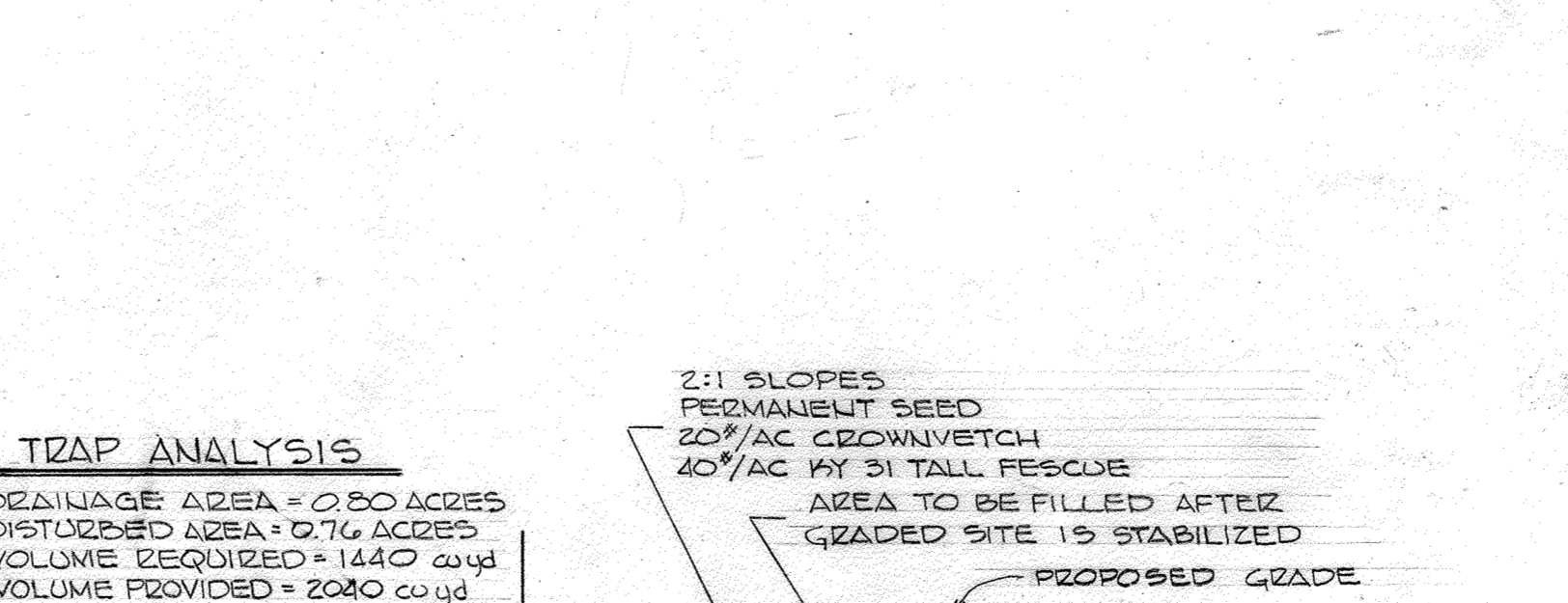
STABILIZED CONSTRUCTION ENTRANCE
SCALE: 1" = 10'



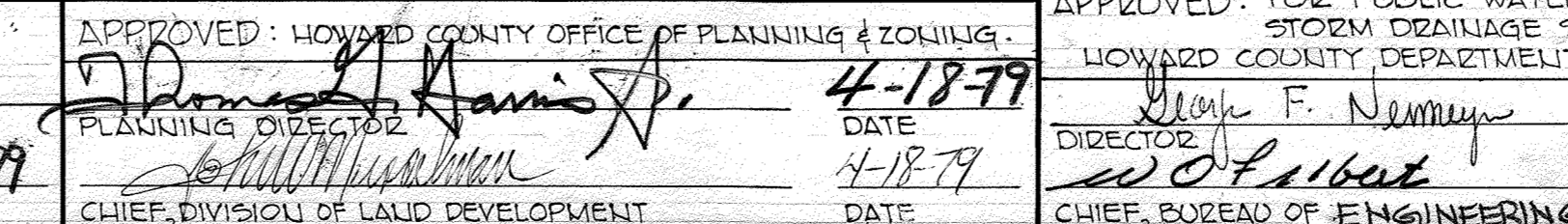
TYPICAL CURB SECTION
SCALE: 3" = 1'



PROFILE THRU BUILDING



TRAP ANALYSIS
1. DRAINAGE AREA = 0.80 ACRES
2. DISTURBED AREA = 10.76 ACRES
3. VOLUME REQUIRED = 440 cu yd
4. VOLUME PROVIDED = 2040 cu yd



PROPOSED SEDIMENT CONTROL PRACTICE
SCALE: 1" = 10'

LOD OF 4.90 SF IS EXEMPT FROM PROVIDING STORMWATER MGMT. AND FUTURE INCREASES WOULD BE CUMULATIVE LOD EXCEEDS 5,000 SF, THEN STORMWATER MANAGEMENT SHALL BE PROVIDED.

WATERLINE NEW SPECIALTY OR PLAYS FOUND TO PLAYGROUND TOTAL LOD

408 SF
2,437 SF
1,149 SF
895 SF
4,999 SF

GENERAL NOTES

1. LOD IS WITHIN 1' OFF STRUCTURE FOR PLAN CLARITY PURPOSES.
2. THE PUBLIC WATER CONNECTION AND TRENCHES SHALL BE INSTALLED UNDER THE PLAN CLARITY PURPOSES.
3. SEDIMENT CONTROL IS EXEMPT FROM SECTION 10.05 OF THE HOWARD COUNTY CODE AND PERMIT.
4. SEE SHEET 2 FOR PROPOSED WATER MAIN AND FIRE HYDRANT PROFILES.

FOR REVISION 1 ONLY



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

NO.	DATE	REVISIONS	BY
1	12/15/75	REVISED TO ADD VARIOUS OUTSIDE PLAN AREAS, AND NEW PAGE REFERENCE TO BUILDING AND NEW HYDRANT, UPDATE TRAP NAME	BOWLER

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

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

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

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

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

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

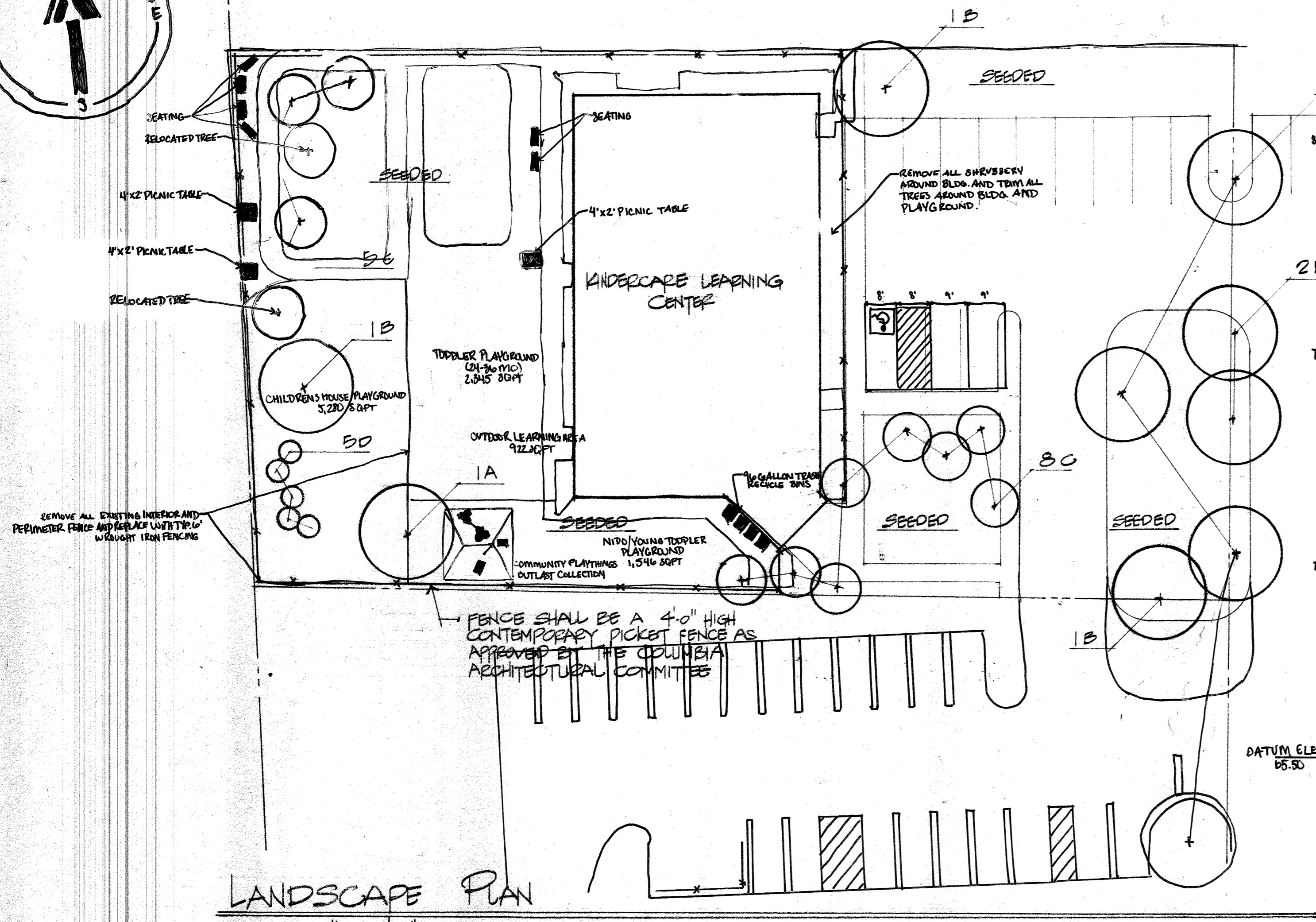
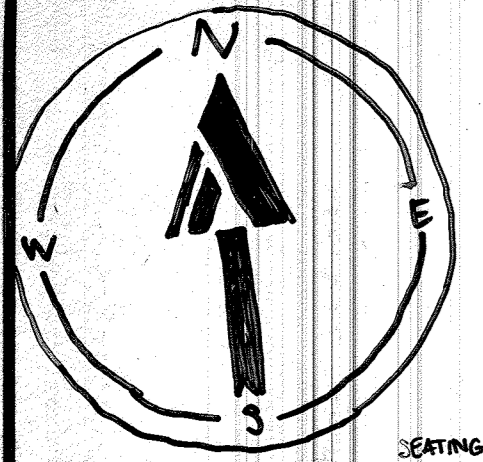
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

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

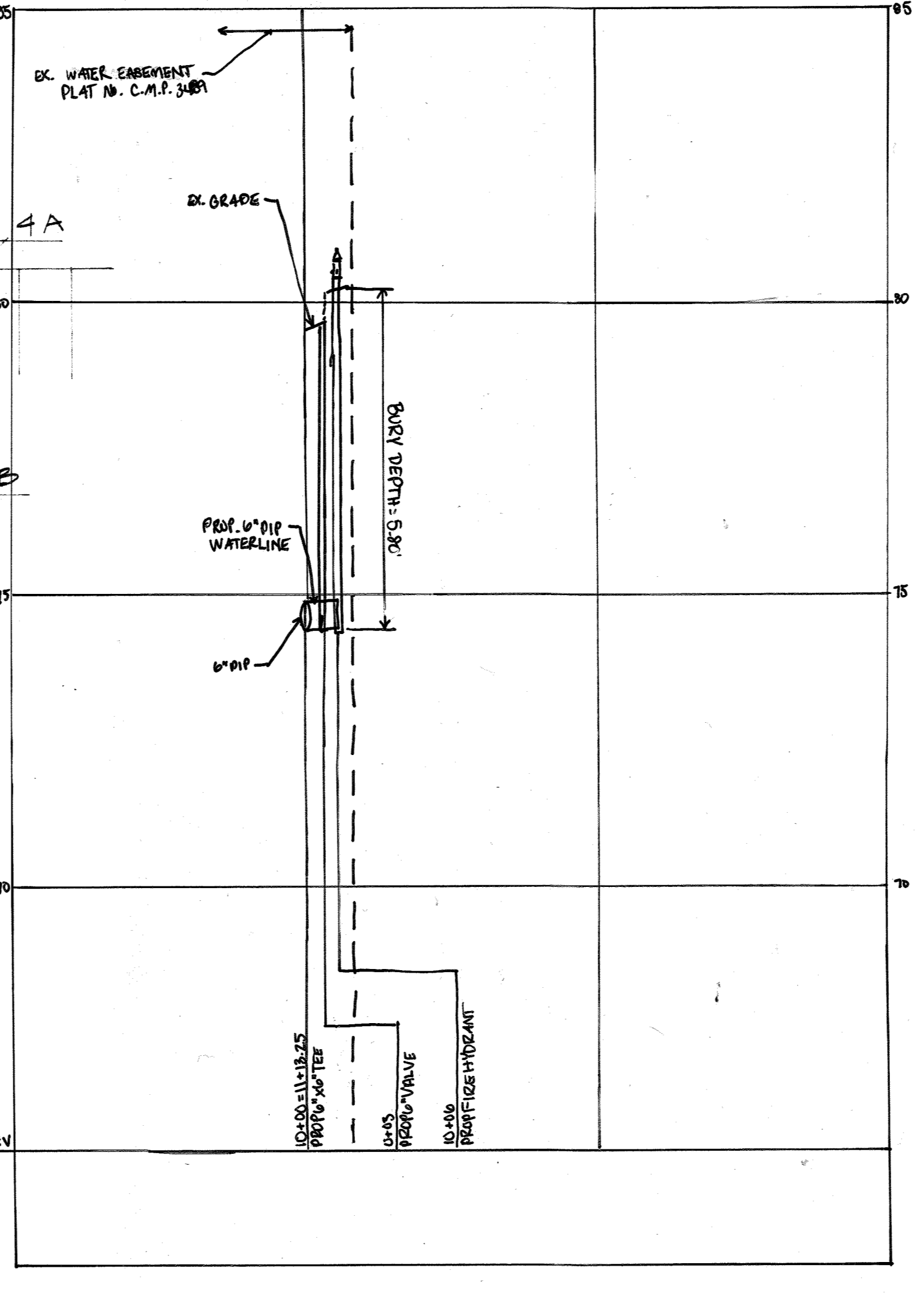
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

AN EARLY CHILDHOOD EDUCATION CENTER UNDERPOST F.K.A. KINDERCARE LEARNING CENTERS, INC. P.O. BOX 2151 MONTGOMERY ALABAMA 36103 VILLAGE OF HARPERS CHOICE SECTION 5 AREA 2 PARCEL 'H' TAX MAP 29

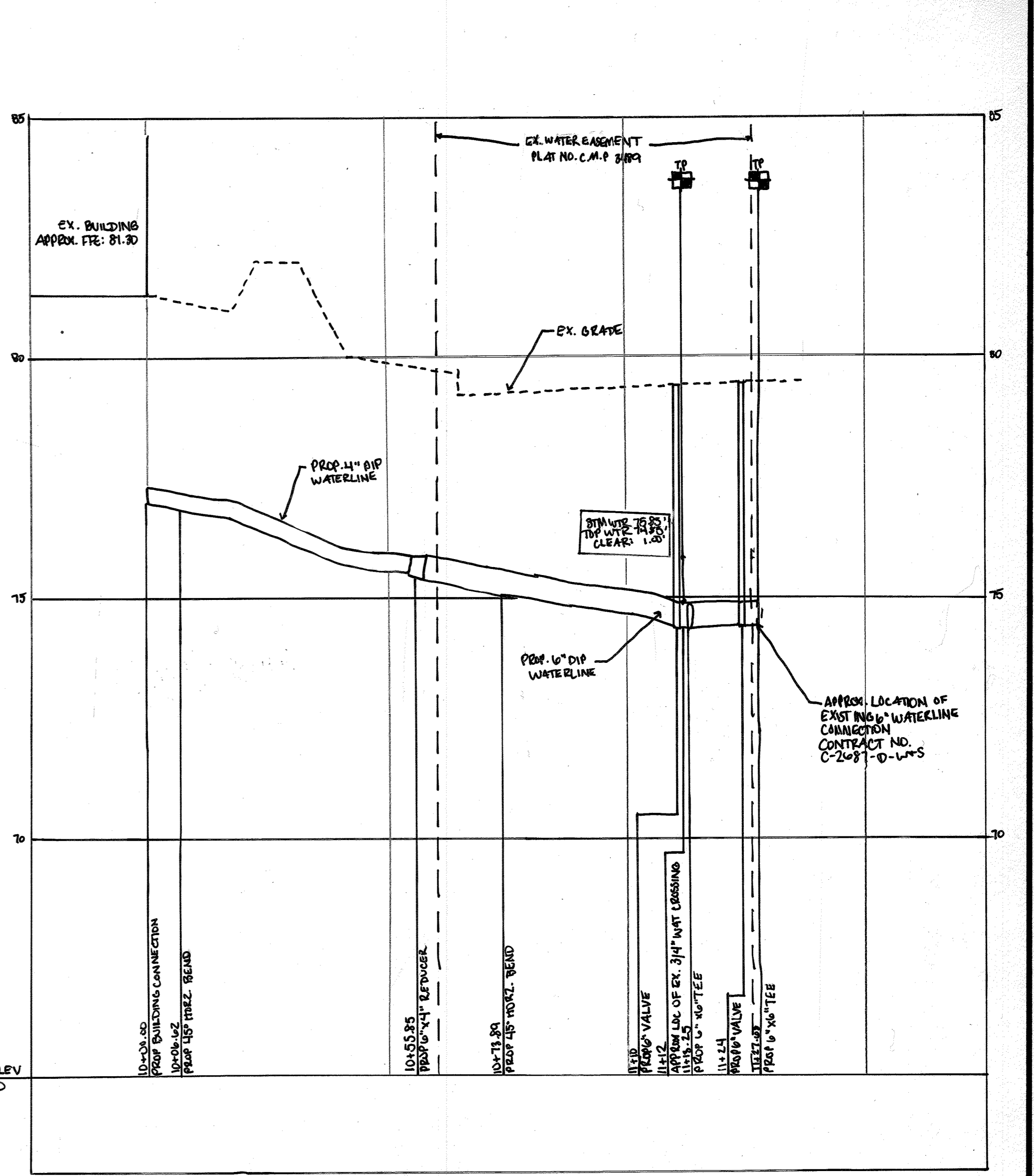
5TH ELECTION DISTRICT HOWARD CO., MD.



LANDSCAPE PLAN
SCALE: 1" = 20'-0"



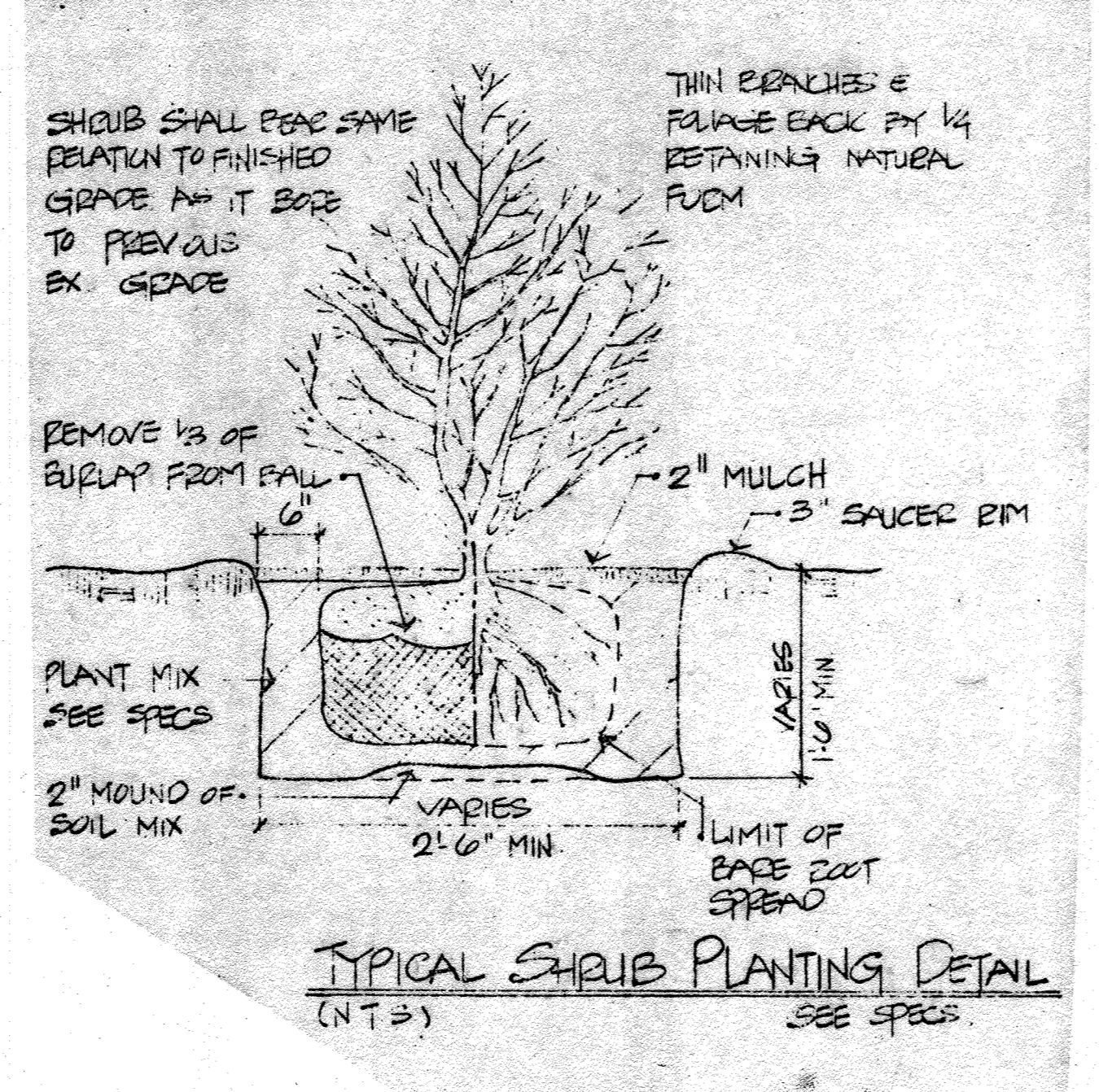
Fire Hydrant - (2)(1)
SCALE: 1" = 2' HORIZONTAL
1" = 2' VERTICAL



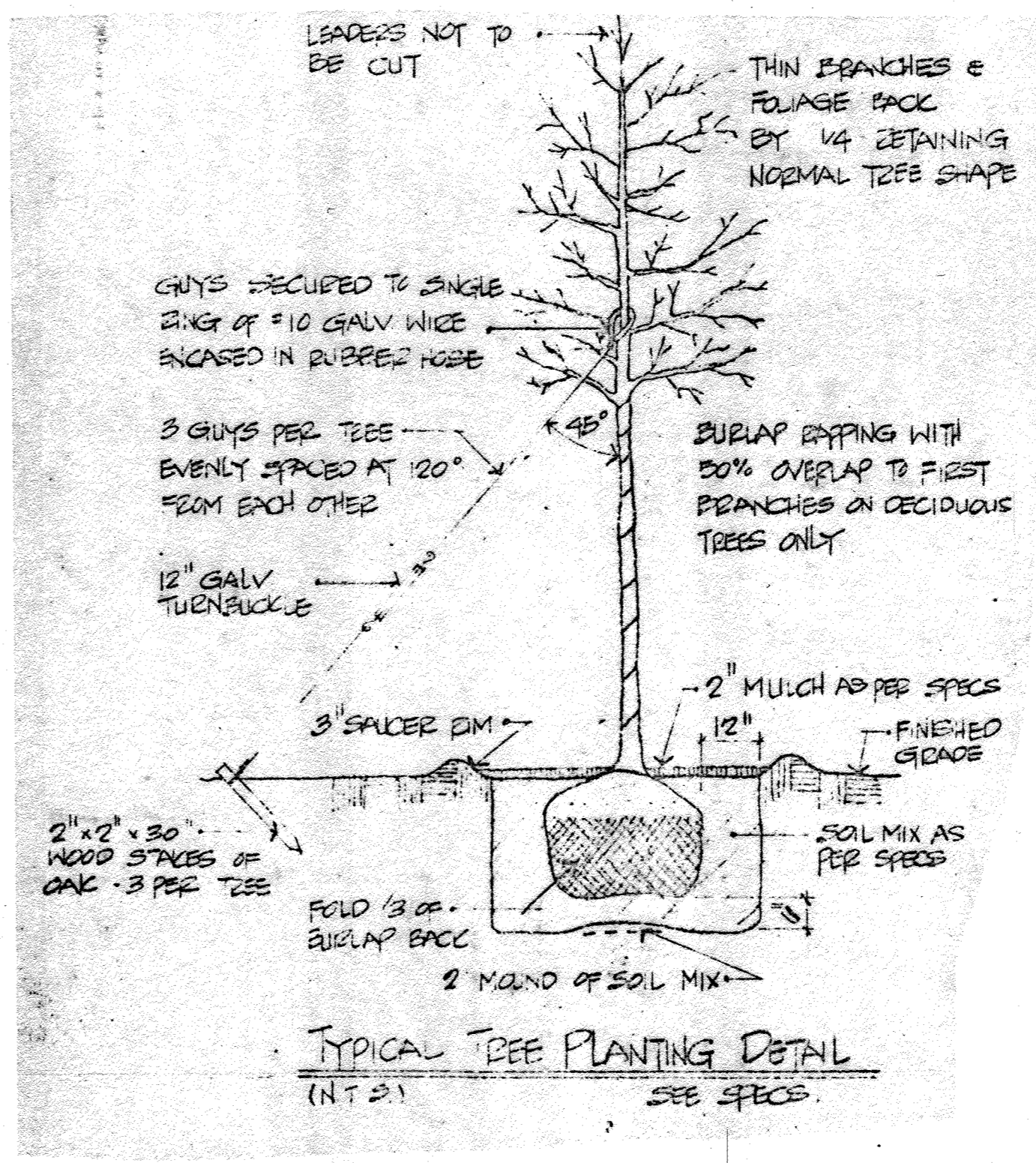
NOTE:
LANDSCAPE MATERIAL WILL REMAIN AS APPROVED WITH ORIGINAL SITE DEVELOPMENT PLAN. MATERIAL WILL BE RELOCATED, IF NECESSARY.

KEY	QUAN.	PLANT NAME	SIZE	REMARKS
A	5	RED MAPLE ACER RUBRUM	2 1/2 TO 3' CAL	B & B
B	5	SUGAR MAPLE ACER SACCHARUM	2 1/2 TO 3' CAL	B & B
C	13	FLOWERING DOGWOOD	2" DBH @ 4' CAL	B & B
D	5	CANADA HEMLOCK TSUGA CANADENSIS	7' TO 8'	B & B

- SEEDING:**
- SEED AREAS INDICATED WITH PINE GRASS AT THE RATE OF 3.2#/1000 SQ. FT.
 - FERTILIZER - 25#/1000 SQ. FT. 10-10-10
 - LIMESTONE - 50#/1000 SQ. FT. GROUND
 - MULCH - 70-90#/1000 SQ. FT. (WEED FREE STRAW, LIQUID MULCH BINDER)



TYPICAL SHRUB PLANTING DETAIL
(NT 3) SEE SPECS.

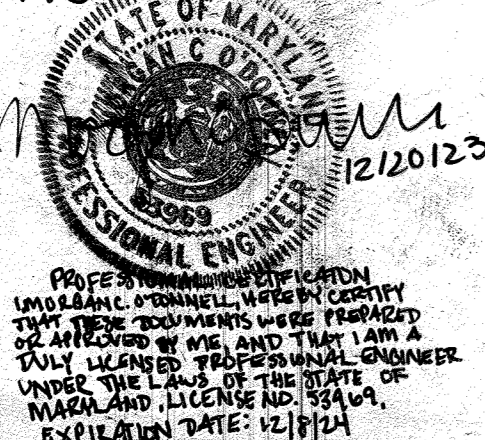


TYPICAL TREE PLANTING DETAIL
(NT 2) SEE SPECS.

MOA 230141.01 - WAT - (1)(1)

OWNER
KINDERGARTEN LEARNING CENTERS INC.
PO BOX 2151
MONTGOMERY ALABAMA 36103

FOR REVISION 1 ONLY
M.C. O'DONNELL
STATE OF MARYLAND
PROFESSIONAL ENGINEER

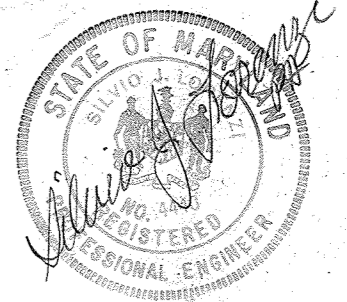


NO.	DATE	REVISIONS	BY
1	12/9/83	REVISED TO SHOW EXISTING MATERIAL, AS NECESSARY, AND PROVIDED WATERLINE PROFILES, UPDATE PROJECT NAME.	BARBER

APPROVED: FOR PUBLIC SEWERAGE AND WATER AND PUBLIC HEALTH DEPARTMENT
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 4-17-79
OFFICIAL: [Signature]

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR
DATE: 4-18-79
OFFICIAL: [Signature]

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 4-9-79
OFFICIAL: [Signature]



REVISIONS GUIDE POST
PROJECT: F.R.A. KINDERGARTEN LEARNING CENTER
VILLAGE OF HARBOR CHOICE
SECTION 5 AREA 2
PARCEL 'H' TAX MAP 29
5TH ELECTION DISTRICT
HOWARD COUNTY, MD.

DRAWING
LANDSCAPING PLAN

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE: 12-21-77
[Signature]

Lorenzi Dodds & Gunnill INC.
ENGINEERS ARCHITECTS
PITTSBURGH, PA.
WASHINGTON, D.C.

CONTRACT No. 78308-C
DRAWN: MARCH 22, 1979
SCALE: AS NOTED
DWG No. 2 OF 2