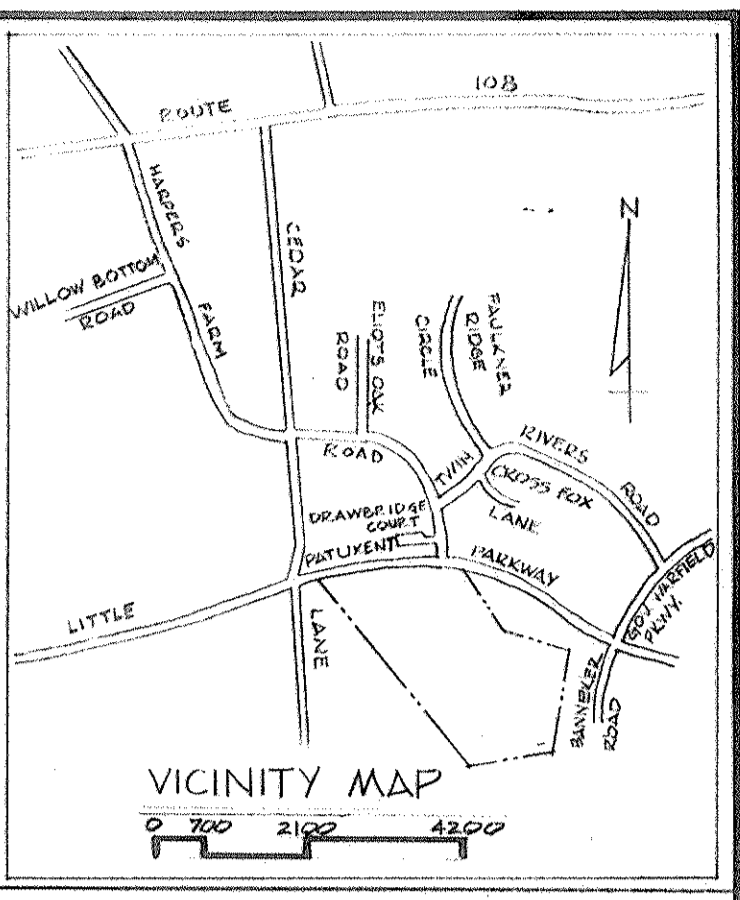


1	TI.00	TITLE SHEET
2	SD1.01	SEDIMENT CONTROL PLAN
3	SD1.02	DRAINAGE CONTROL & FLOOD HAZARD PLAN
4	SD1.03	WATER PLAN & SANITARY & STORM SEWER PLAN & PROFILES
5	SD1.04	DETAIL SHEET
6	SD1.05	EXISTING SITE TOPO
7	SD1.06	EXISTING SITE TOPO
8	SD1.07	LANDSCAPING PLAN
9	SD1.08	DRAINAGE AREA MAP
10	SD1.09	STORM SEWER PLAN & PROFILES
11	SD1.10	EXISTING CONDITIONS & DEMO PLAN
12	SD1.11	DEMO PLAN
13	SD1.12	DETAILED SITE PLAN
14	SD1.13	SITE DETAILS
15	SD1.14	SEDIMENT & EROSION CONTROL PLAN
16	SD1.15	SEDIMENT & EROSION CONTROL NOTES
17	SD1.16	SEDIMENT & EROSION CONTROL NOTES
18	SD1.17	SEDIMENT & EROSION CONTROL NOTES
19	SD1.18	SEDIMENT & EROSION CONTROL NOTES



THIS SHEET IS FOR INFORMATION PURPOSES ONLY

SEE SHEETS 12-19 FOR REVISIONS TO SDP# 75-082

HOWARD RESEARCH & DEVELOPMENT CORP
516/752
PARCEL 46

HOWARD RESEARCH & DEVELOPMENT CORP
409/18
PARCEL 81

Parking Calculation
(Based on Projected Enrollment for Fiscal Year 1975)

1,027 Full Time Equivalent Students
+ 257 Parking Spaces Required

105 Full Time Employees
+ 253 Parking Spaces Required

Total Required: 310 Parking Spaces
Spaces Provided: 425 Existing + 103 New = 528 Total

Site Analysis

a. Area of Parcel: 19.8 Acres, More or Less
b. Present Zoning: R-40
c. Total Number of Employees: 105 (Projected for 1975 Fiscal Year)
d. Total Floor Space at Each Level (Gross Area):
Basement - 14,820 sq ft
First Floor - 12,925 sq ft
Second Floor - 15,692 sq ft
Mech. Rm. House - 1,544 sq ft

Flood Plain

Flow in Streams in Relation to the 1 in 100 Year Flood Criteria of the Corps of Engineers

There are No Significant Water Courses or Streams in the Vicinity of the Proposed Facility that would Require Special Attention from a Flood Hazard Standpoint. The Drainage Area of the Nearest Water Course is Considerably Smaller than a Square Mile and Overland Flows should not constitute a Flood Problem. Elevations Proposed are Considered Satisfactory.

From Letter of Record, 3 Jan. 74, From: William E. Trichman, Jr., Chief, Planning Division, Baltimore District, Corps of Engineers, Department of the Army

Neighboring Buildings
There are No Neighboring Buildings within One Hundred Feet of Any Property Lines

NOTE:
NEW SEAL + SIGNATURE ARE APPLICABLE ONLY TO REVISIONS

HOWARD RESEARCH & DEVELOPMENT CORP
455/219
PARCEL 49



APPROVED FOR PUBLIC WATER AND SEWAGE AND STORM DRAINAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
DATE: 8/10/75

APPROVED HOWARD COUNTY OF PLANNING AND ZONING
DATE: 8-22-75

APPROVED FOR PUBLIC WATER, PUBLIC SEWAGE AND STORM DRAINAGE SYSTEMS AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 8-12-75

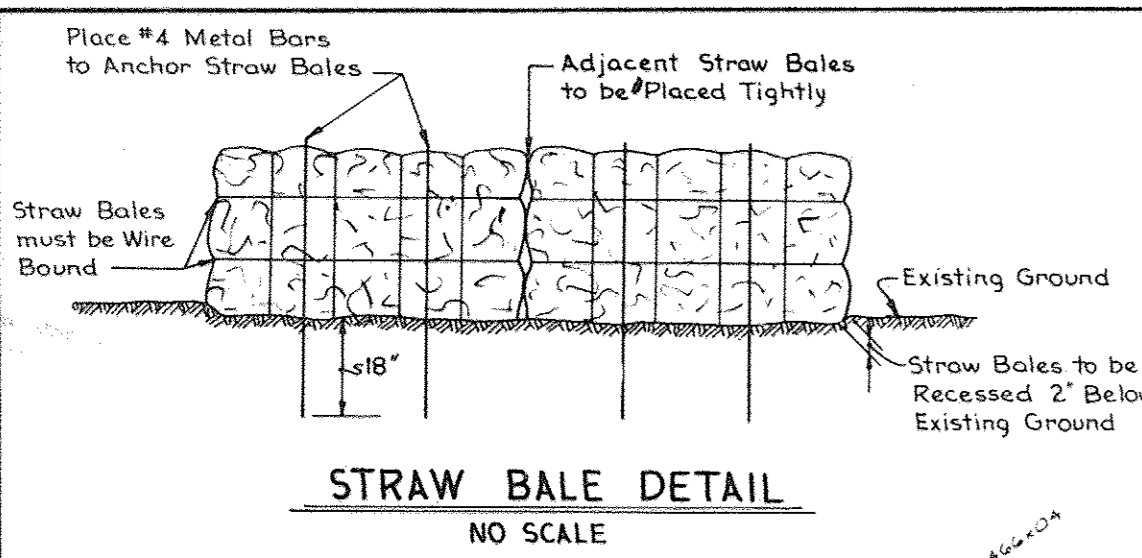
APPROVED
DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE: 8/26/75

SITE DEVELOPMENT PLAN • MASTER LOCATION PLAN

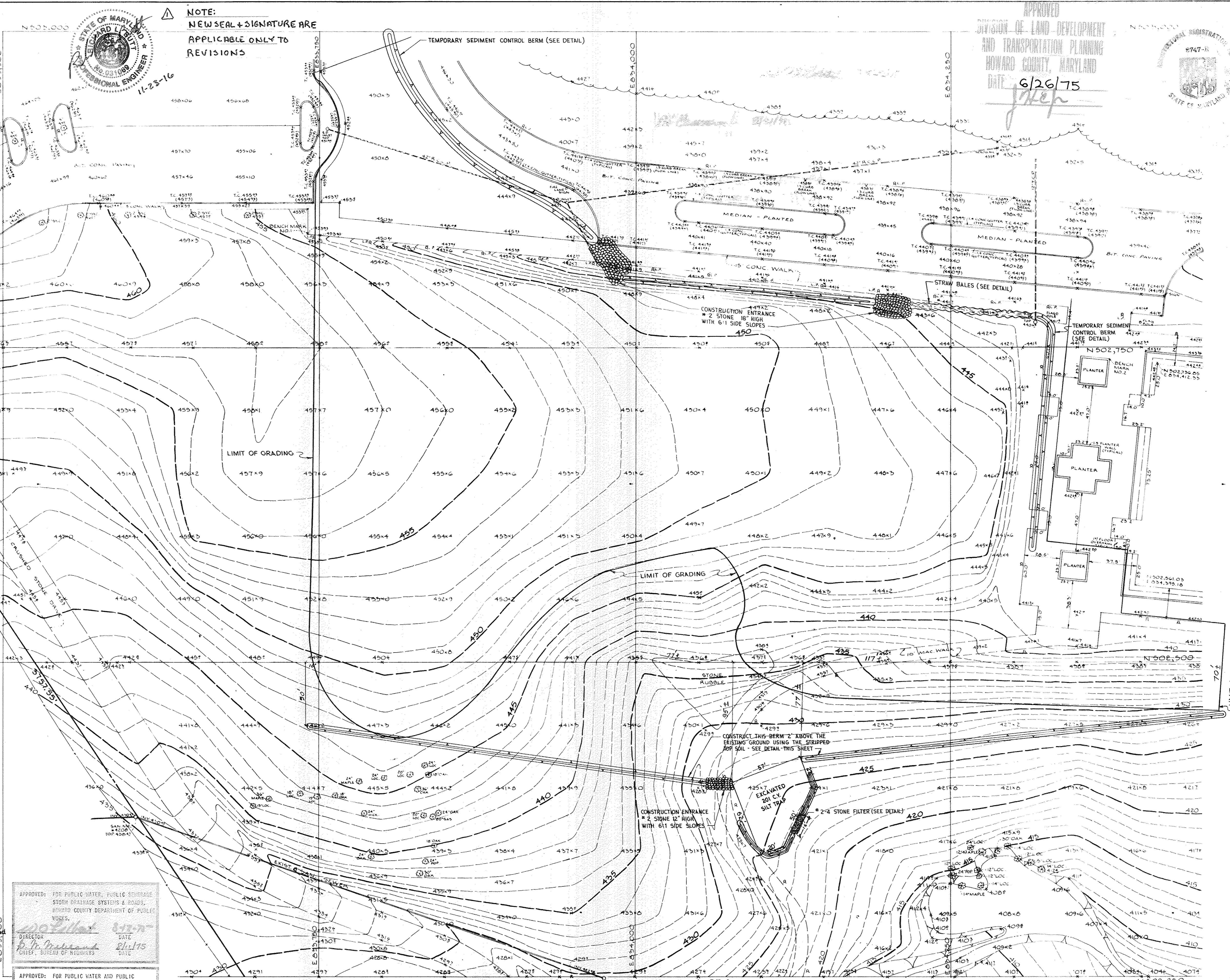
Howard Community College

NURSE EDUCATION FACILITY
Cochran, Stephenson & Donkervoet, Inc. Architects
925 N. Charles Street, Baltimore, Maryland 21201 301-539-2080
The Oglesby Group, Inc. Oglesby, Wiley, Halford, Johnson

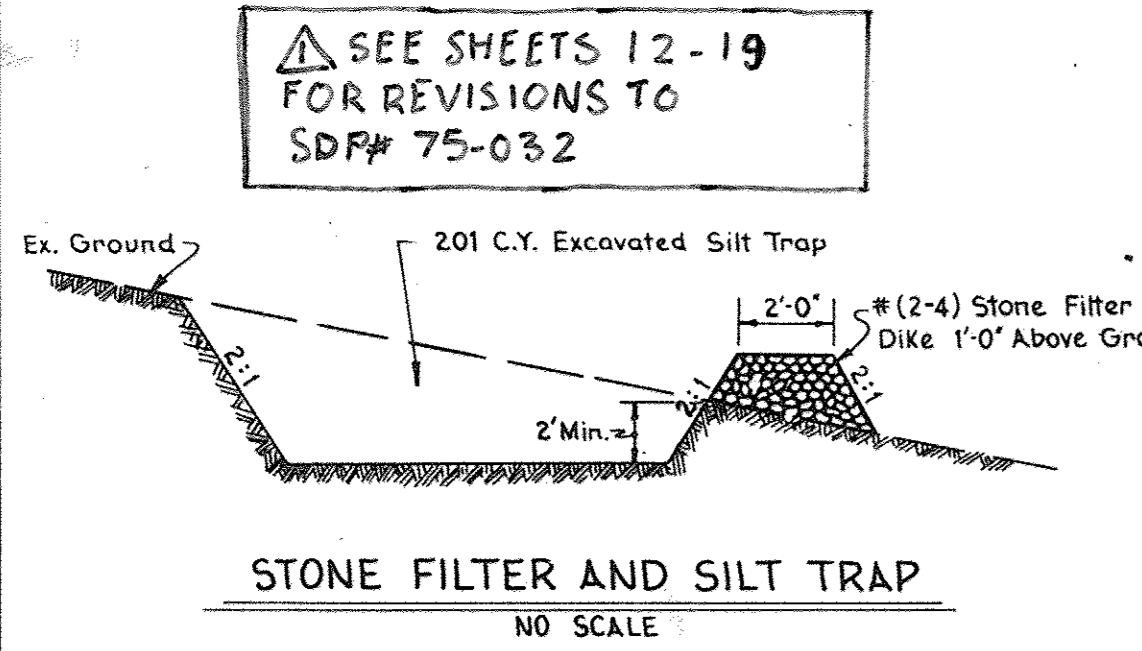
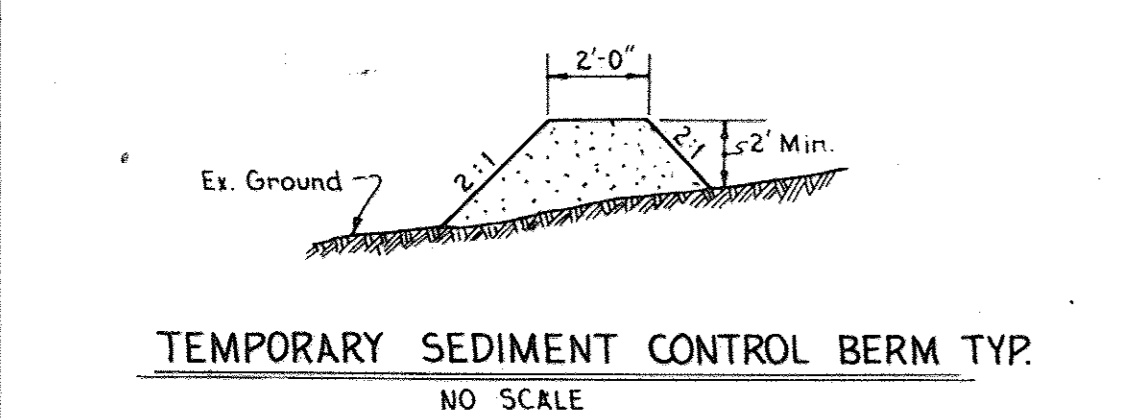
Property consists of Parcel 46, 47, 48 on tax Map # Zoning Map # 55 of Howard County Location District: 15



THIS SHEET IS FOR INFORMATION PURPOSES ONLY



- SEDIMENT CONTROL NOTES**
1. THE DEVELOPER SHALL NOTIFY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT AT LEAST 24 HOURS PRIOR TO BEGINNING CONSTRUCTION SHOWN HEREON.
 2. SEDIMENT CONTROL MEASURES MUST BE INSTALLED AND STABILIZED PRIOR TO ANY GRADING OPERATIONS.
 3. ALL AREAS DISTURBED BY GRADING OR CONTRACTOR'S OPERATIONS, NOT BEING PAVED SHALL BE TOPSOILED, SEEDED AND MULCHED IN ACCORDANCE WITH THE FOLLOWING:
 - A) PLACE 3" COMPACTED LAYER OF TOPSOIL TO FINISHED GRADE.
 - B) SPREAD PULVERIZED DOLOMITIC LIMESTONE AT THE RATE OF 46 LBS./1000 SQ. FT.
 - C) SPREAD 5-10-10 COMMERCIAL GRADE FERTILIZER AT THE RATE OF 30-40 LBS./1000 SQ. FT. AND IMMEDIATELY DISC INTO TOPSOIL TO A DEPTH OF 3".
 - D) SEED PREPARED AREAS USING SEED MIXTURE OF KENTUCKY 31 200 LB./ACRE BLUEGRASS 40 LB./ACRE ERG 200 LB./ACRE.
 - E) MULCH ALL AREAS IMMEDIATELY AFTER SEEDING WITH UNWEATHERED SMALL GRAIN STRAW OR HAY AT THE RATE OF 1.5 TONS/ACRE; SPRAY MULCH WITH EMULSIFIED ASPHALT AT THE RATE OF 0.4 GALS./50 YD.
 4. SEDIMENT CONTROL MEASURES SHOWN ON THIS PLAN ARE NOT TO BE REMOVED EXCEPT WITH PERMISSION OF HOWARD SOIL CONSERVATION DISTRICT (465-5000, EXT. 328).
 5. NO SLOPES STEEPER THAN 2:1 SHALL BE CREATED.
 6. STABILIZE ALL CUT AND FILL SLOPES FOR DIKES AND BASINS IMMEDIATELY AFTER CONSTRUCTION BY SEMI-PERMANENT VEGETATION AS SPECIFIED IN NOTE NO. 3 B,C,E USING KENTUCKY 31 TALL FESCUE AT THE RATE OF 1.37 LBS./1000 SQ. FT.
 7. IN ALL DRAINAGE WAYS AND SWALES STEEPER THAN 3%, A LIGHT WEIGHT PLASTIC OR COTTON NETTING MUST BE STAPLED OVER MULCH ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
 8. ALL DISTURBED AREAS NOT TO PAVED OR BUILT UPON WITHIN 3 MONTHS SHALL BE STABILIZED IN ACCORDANCE WITH NOTE NO. 3.
 9. NO SEDIMENT CONTROL MEASURE MAY BE REMOVED UNTIL ALL AREAS UPSTREAM HAVE BEEN STABILIZED.
 10. ALL INLETS NOT PROTECTED BY SEDIMENT CONTROL MEASURES MUST BE CAPPED.



APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS & ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
 DIRECTOR: *[Signature]* DATE: 8/1/75
 CHIEF, BUREAU OF HIGHWAYS
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: _____ DATE: _____

NOTE:
 NEW SEAL + SIGNATURE ARE APPLICABLE ONLY TO REVISIONS

APPROVED
 DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
 HOWARD COUNTY, MARYLAND
 DATE: 6/26/75
[Signature]

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR: *[Signature]* DATE: 8-22-75
 CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
 DATE: 8/1/75

DEVELOPER
 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. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.
 By: *[Signature]* DATE: 8/1/75

HOWARD SOIL CONSERVATION DISTRICT
 Reviewed for: HOWARD S.C.D. and meets Technical Requirements
 Signature: *[Signature]* Date: 8-1-75
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 Approved: Howard S.C.D. *[Signature]* Date: 8-1-75

PROFESSIONAL ENGINEER
 I certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.
 CAY B. WEINER, P.E. DATE: 8/1/75
 REG. NO. 982

REVISIONS			
NO.	BY	DATE	DESCRIPTION
1	J.A.P.	8-11-74	REDUCE SHEET SIZE TO 24" X 36"

HOWARD COMMUNITY COLLEGE
 NURSES EDUCATION FACILITIES
 SEDIMENT CONTROL PLAN
 OWNER & DEVELOPER
 HOWARD COMMUNITY COLLEGE
 LITTLE BELLEVUE PARKWAY
 COLUMBIA, MARYLAND
 DR. A. J. SMITH JR. TEL. 750-8000

PURDUM & JESCHKE
 CONSULTING ENGINEERS
 LAND SURVEYORS
 1023 North Colvert Street
 Baltimore, Maryland 21202 301/837-0194
 Design: M.M.E. Scale: As Shown
 Drawn: J.A.P. Date: August 7, 1974
 Checked: M.M.E. Sheet No. 1 of 1



NOTE:
NEW SEAL & SIGNATURE
ARE APPLICABLE ONLY
TO REVISIONS

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

DIRECTOR: *Richard L. Ely* DATE: 8/22/75
CHIEF, BUREAU OF HIGHWAYS

APPROVED: HOWARD COUNTY OFFICE OF PLANNING
AND ZONING

PLANNING DIRECTOR: *Richard L. Ely* DATE: 8/22/75
CHIEF, DIVISION OF LAND
DEVELOPMENT & TRANSPORTATION
PLANNING

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

Richard L. Ely DATE: 8/22/75
COUNTY HEALTH OFFICER



APPROVED: *Raymond L. Goodson* 0579 4-7-75
RAYMOND L. GOODSON, JR. REG. NO. DATE

- REMOVAL LEGEND -

CROSS HATCH INDICATES
SPVMT. REMOVAL

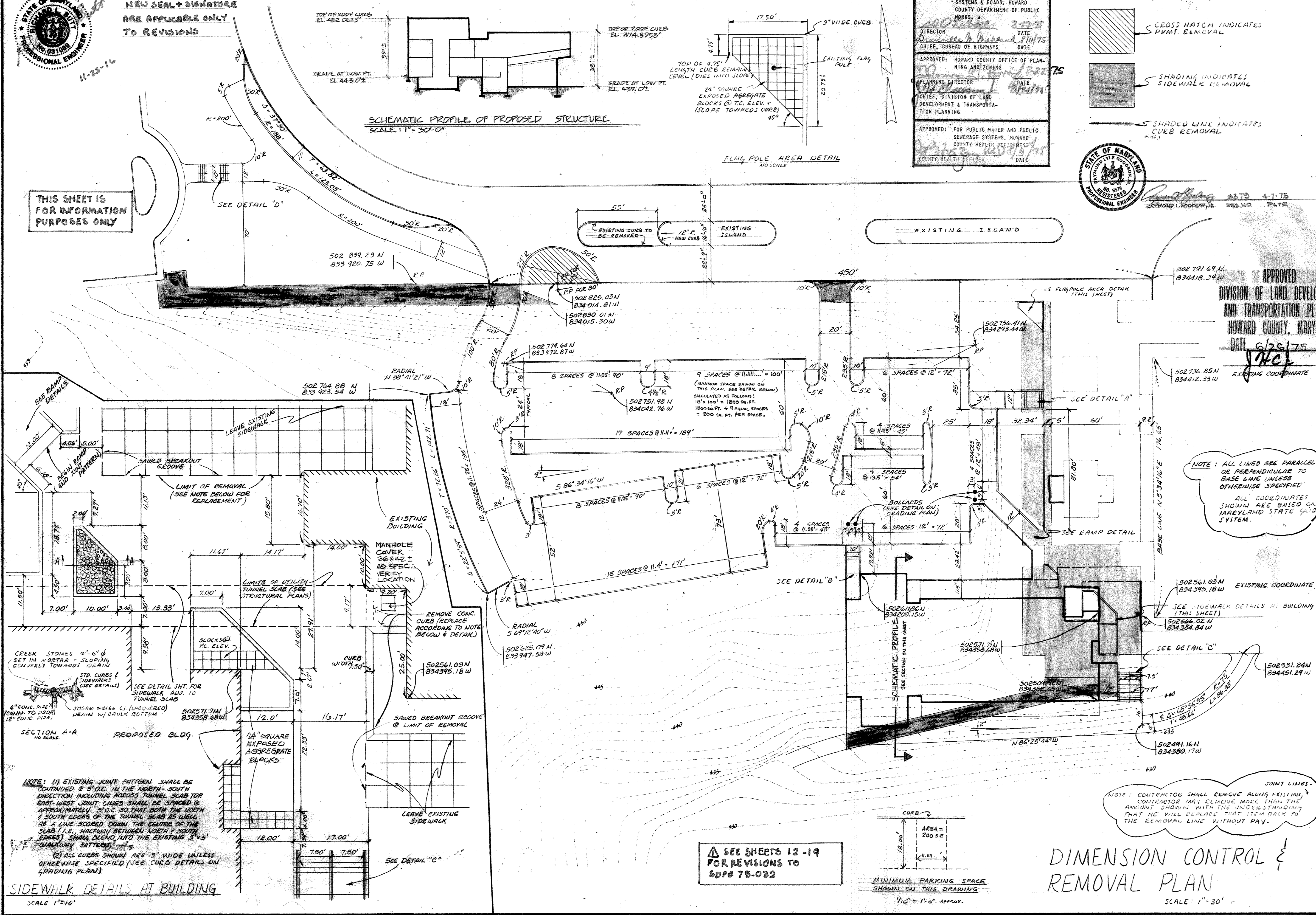
SHADING INDICATES
SIDEWALK REMOVAL

SHADED LINE INDICATES
CURB REMOVAL

SCHEMATIC PROFILE OF PROPOSED STRUCTURE
SCALE: 1" = 30'-0"

FLAG POLE AREA DETAIL
NO SCALE

THIS SHEET IS
FOR INFORMATION
PURPOSES ONLY

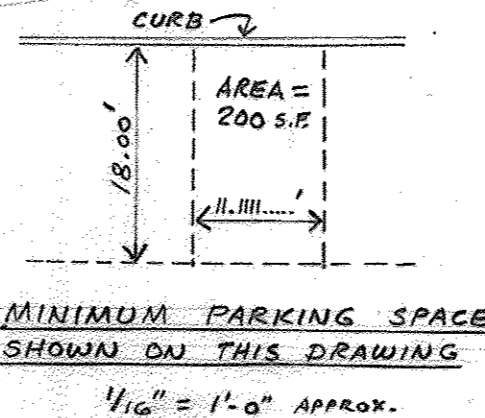


APPROVED
DIVISION OF LAND DEVELOPMENT
AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE: 6/28/75
J.H.C.
EXISTING COORDINATE

NOTE: ALL LINES ARE PARALLEL
OR PERPENDICULAR TO
BASE LINE UNLESS
OTHERWISE SPECIFIED
ALL COORDINATES
SHOWN ARE BASED ON
MARYLAND STATE GRID
SYSTEM.

NOTE: CONTRACTOR SHALL REMOVE ALONG EXISTING
CONTRACTOR MAY REMOVE MORE THAN THE
AMOUNT SHOWN WITH THE UNDERSTANDING
THAT HE WILL REPLACE THAT ITEM BACK TO
THE REMOVAL LINE WITHOUT PAY.

SEE SHEETS 12-19
FOR REVISIONS TO
SDP 75-032



**DIMENSION CONTROL &
REMOVAL PLAN**
SCALE: 1" = 30'

SIDEWALK DETAILS AT BUILDING
SCALE 1" = 10'

NOTE: (1) EXISTING JOINT PATTERN SHALL BE
CONTINUED @ 5'-0" IN THE NORTH-SOUTH
DIRECTION INCLUDING ACROSS TUNNEL SLAB TOP
EAST-WEST JOINT LINES SHALL BE SPACED @
APPROXIMATELY 5'-0" SO THAT BOTH THE NORTH
& SOUTH EDGES OF THE TUNNEL SLAB AS WELL
AS A LINE SCORED DOWN THE CENTER OF THE
SLAB (I.E. HALFWAY BETWEEN NORTH & SOUTH
EDGES) SHALL ALIGN INTO THE EXISTING 3'x5'
WALKWAY PATTERN.

(2) ALL CURBS SHOWN ARE 9" WIDE UNLESS
OTHERWISE SPECIFIED (SEE CURB DETAILS ON
GRADING PLAN)

STATE OF MARYLAND
REGISTRATION BOARD
2747-3
STATE OF MARYLAND

The Oglesby Group, Inc. Oglesby, Wiley, Halford, Johnson
Cochran, Stephenson, & Donkervoet, Inc. Architects
710 N. Saint Paul St. Dallas Texas 75201 - 925 N. Charles St. Balt. Md.

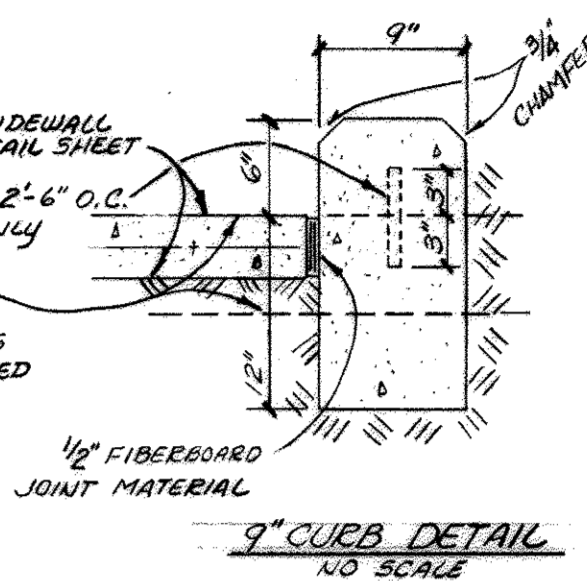
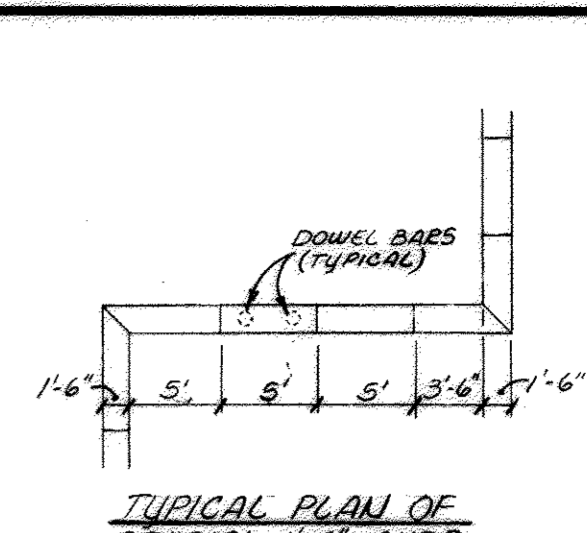
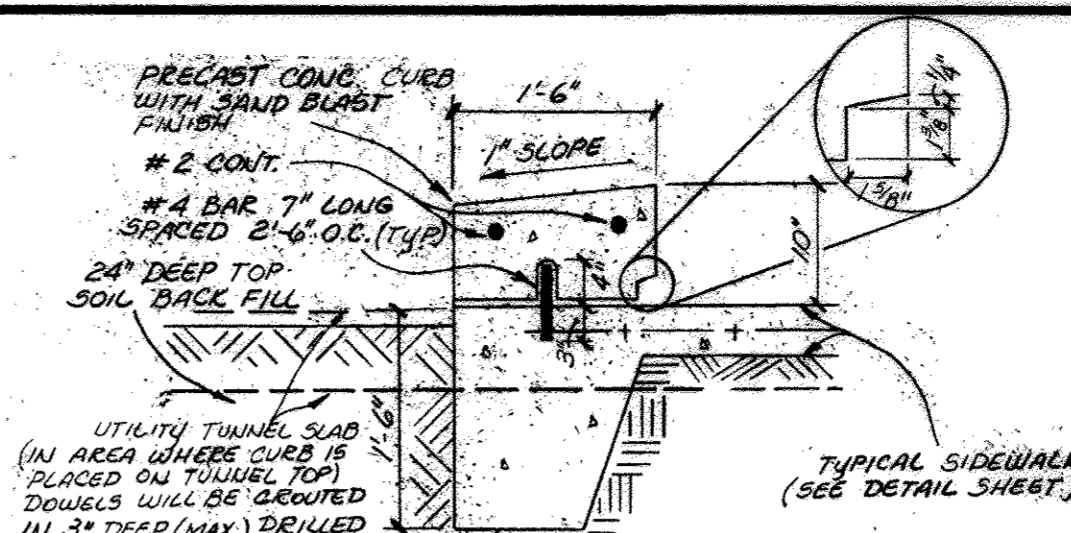
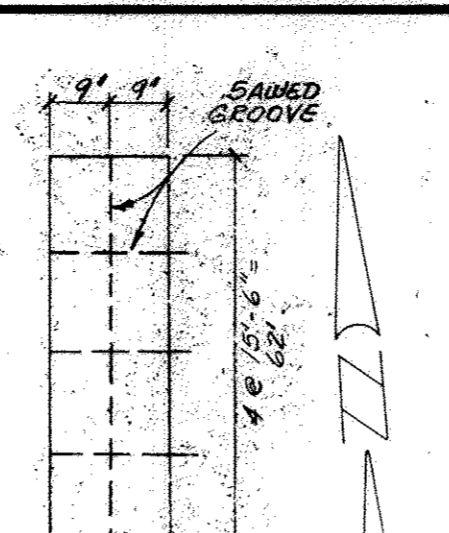
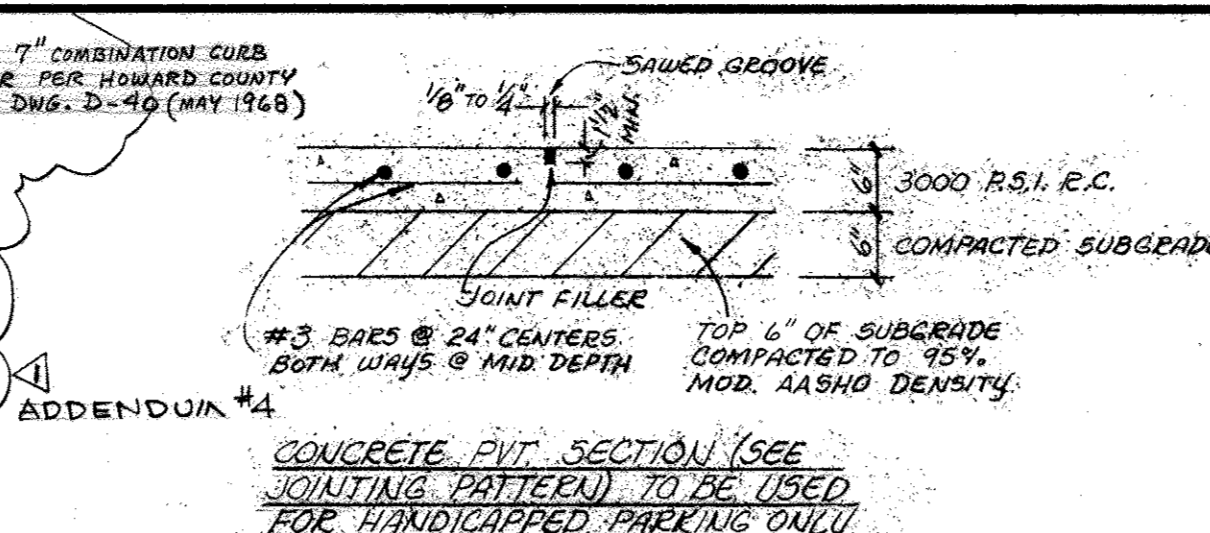
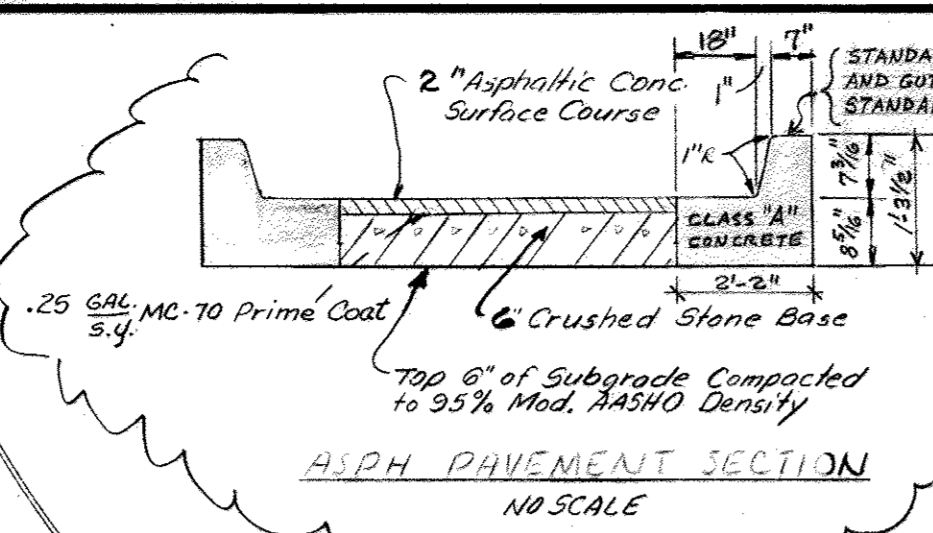
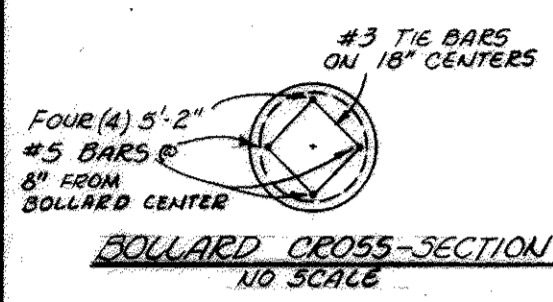
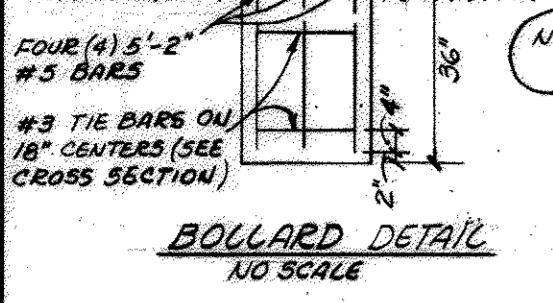
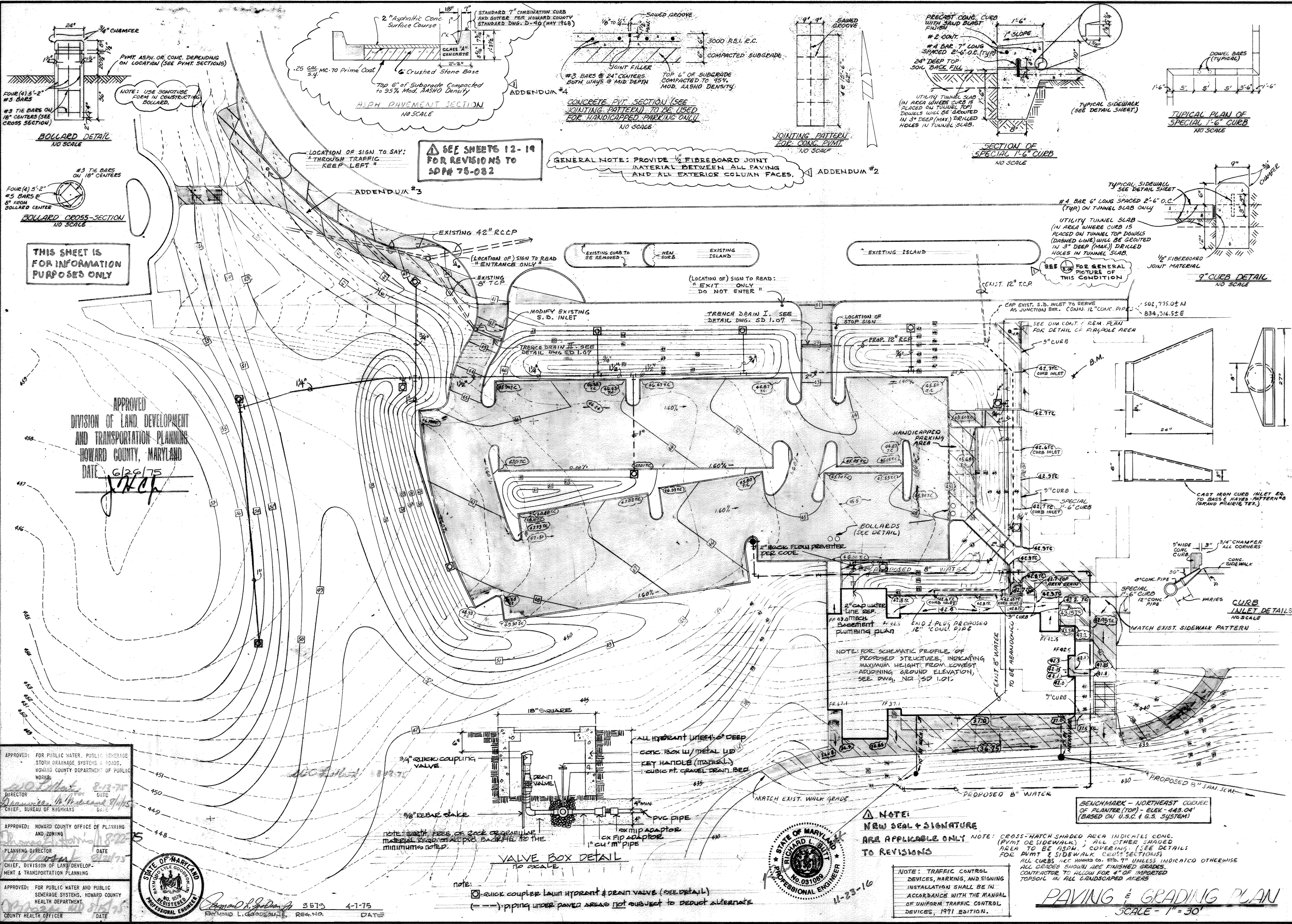
PROPERTY CONSISTS OF
PARCELS 85, 47, 150 ON
TAX MAP ZONING MAP
#55 OF HOWARD COUNTY
ELECTION DISTRICT 5

**Howard Community College
NURSE EDUCATION FACILITY**
HOWARD COMMUNITY COLLEGE LITTLE PATRICK PLANT
BOARD OF TRUSTEES, OWNER COLUMBIA, MD. 21044

REV. 7 NOV 74
REV. 5/2/74
REV. 8/2/74

1.01

DATE: 8/22/75



SEE SHEETS 12-19 FOR REVISIONS TO SDP# 75-082

GENERAL NOTE: PROVIDE 1/2\"/>

THIS SHEET IS FOR INFORMATION PURPOSES ONLY

APPROVED
DIVISION OF LAND DEVELOPMENT
AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 6/29/75
JHC

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS & ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
DIRECTOR DATE 8/17/75
CHIEF, BUREAU OF HIGHWAYS DATE 9/1/75

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
PLANNING DIRECTOR DATE 8/22/75
CHIEF, DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER DATE 9/1/75

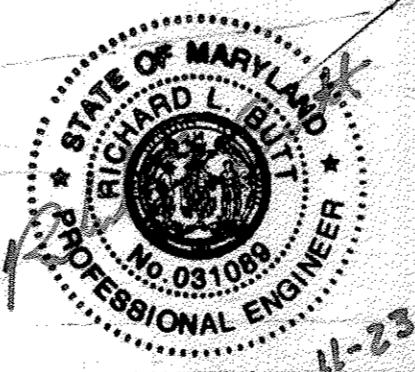


Richard L. Goodson, P.E.
3675 4-1-75
REG. NO. DATE

VALVE BOX DETAIL NO SCALE

NOTE: 3/4\"/>

quick coupler lawn hydrant & drain valve (SEE DETAIL)
piping under paved areas not subject to deduct alternate



NOTE: NEW SEAL + SIGNATURE ARE APPLICABLE ONLY TO REVISIONS

NOTE: TRAFFIC CONTROL DEVICES, MARKING, AND SIGNING INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, 1971 EDITION.

NOTE: CROSS-HATCH SHADED AREA INDICATES CONC. (PVT. OR SIDEWALK); ALL OTHER SHADED AREA TO BE ASPH. COVERING. (SEE DETAILS FOR PVT. & SIDEWALK CROSS SECTIONS)
ALL CURBS ARE HOWARD CO. STD. 7\"/>

PAVING & GRADING PLAN
SCALE - 1\"/>

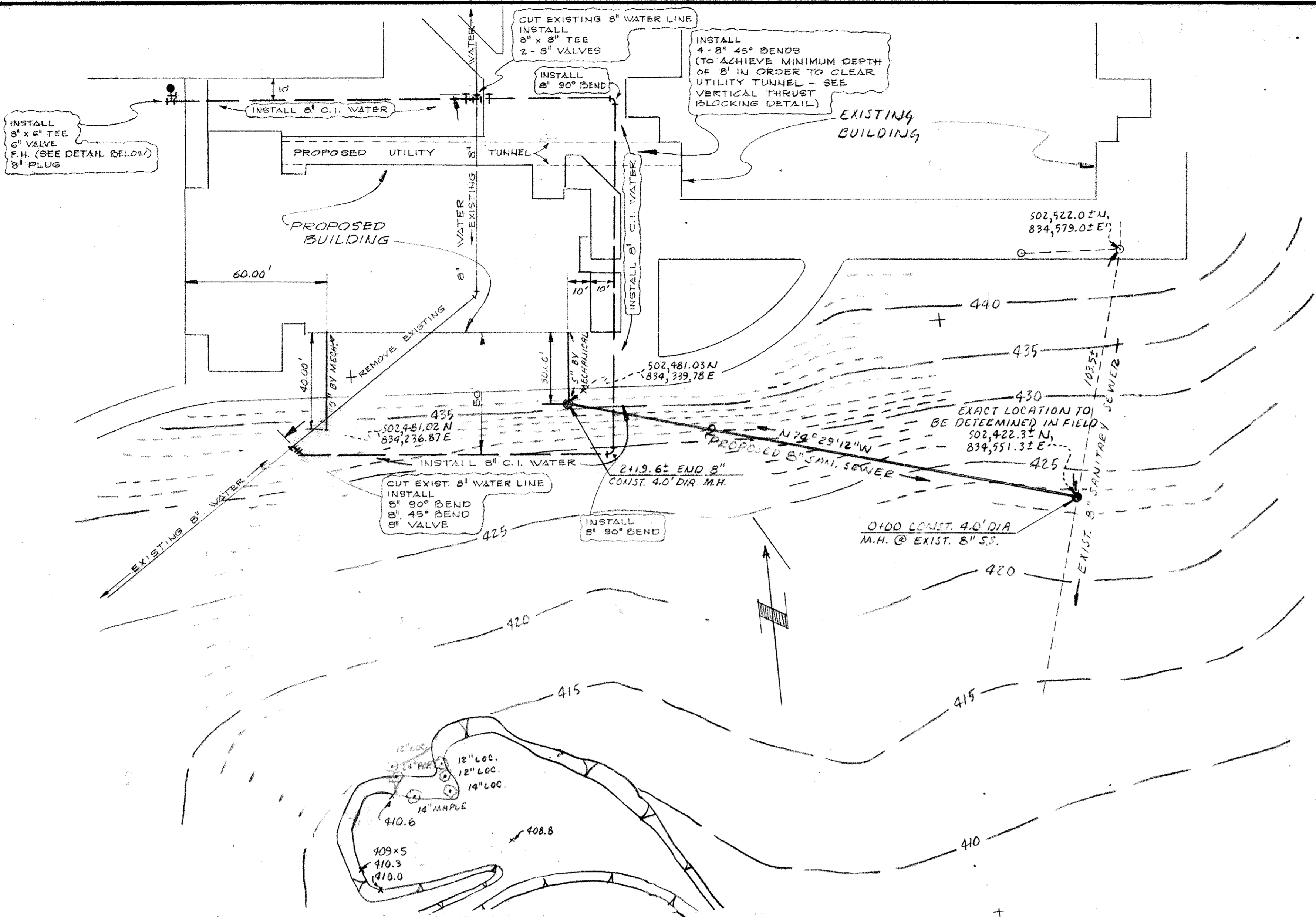


THE OGLESBY GROUP, INC. Oglesby, Wiley, Halford, Johnson
COCHRAN, STEPHENSON, & DONKORVOET, INC. ARCHITECTS
710 N. SAINT PAUL ST. DALLAS TEXAS 75201 - 925 N. CHARLES ST. BALI. MD.

PROPERTY CONSISTS OF 2.77 ACRES OF LAND MADE TAXABLE BY HOWARD COUNTY ELECTION DISTRICT 15

REV. 24 JUN 75
REV. 18 JUN 75
REV. 7 NOV 74
REV. 23 MAY 74
REV. 21 FEB 74
REV. 7/12/74
REV. 8/28/74

SD 1.00



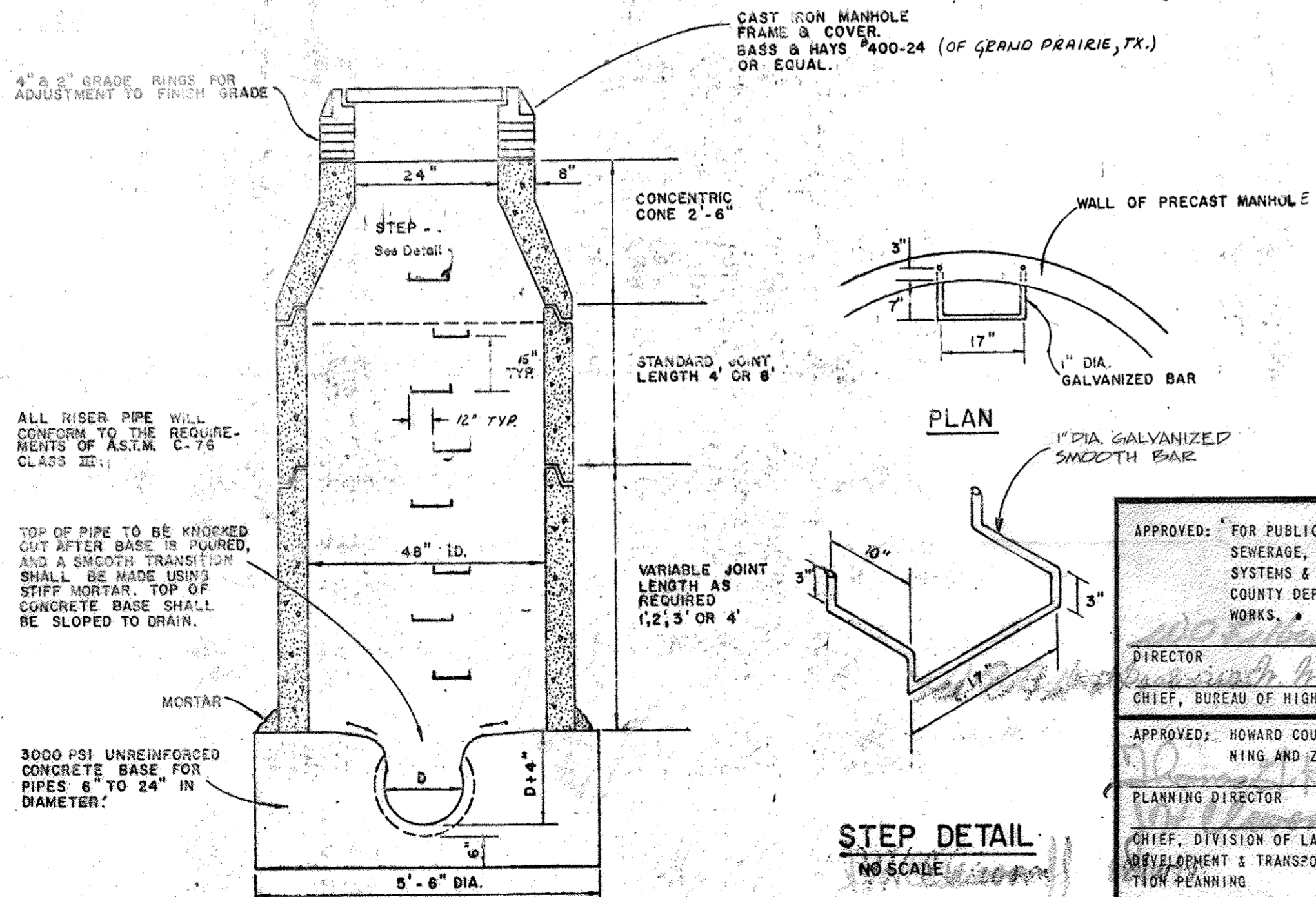
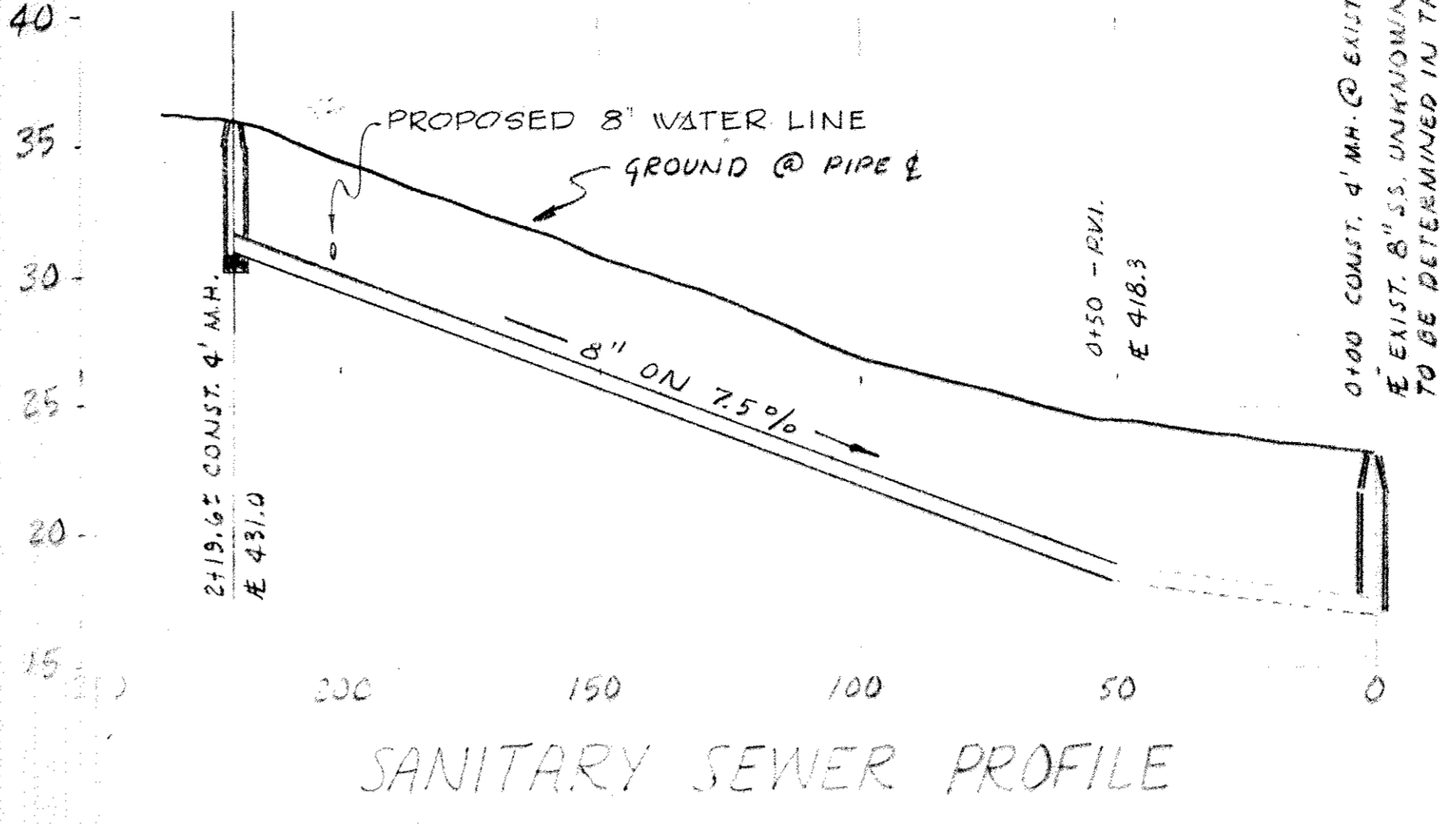
THIS SHEET IS
FOR INFORMATION
PURPOSES ONLY

SEE SHEETS 12-19
FOR REVISIONS TO
SDP# 75-082

APPROVED
DIVISION OF LAND DEVELOPMENT
AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 6/26/75
J.M.E.



NOTE:
NEW SEAL + SIGNATURE
ARE APPLICABLE ONLY
TO REVISIONS



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

DIRECTOR DATE
8/27/75

CHIEF, BUREAU OF HIGHWAYS DATE
8/27/75

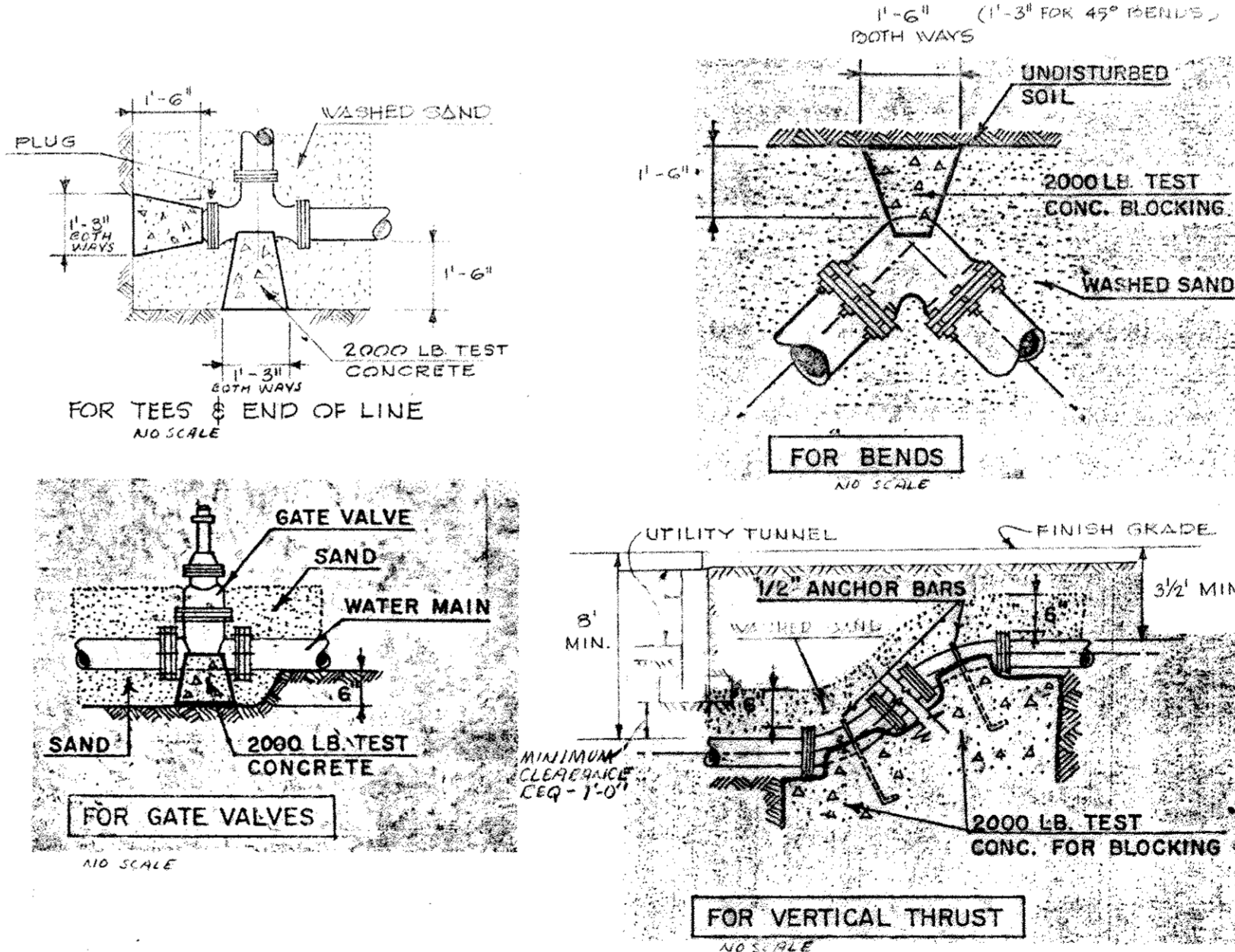
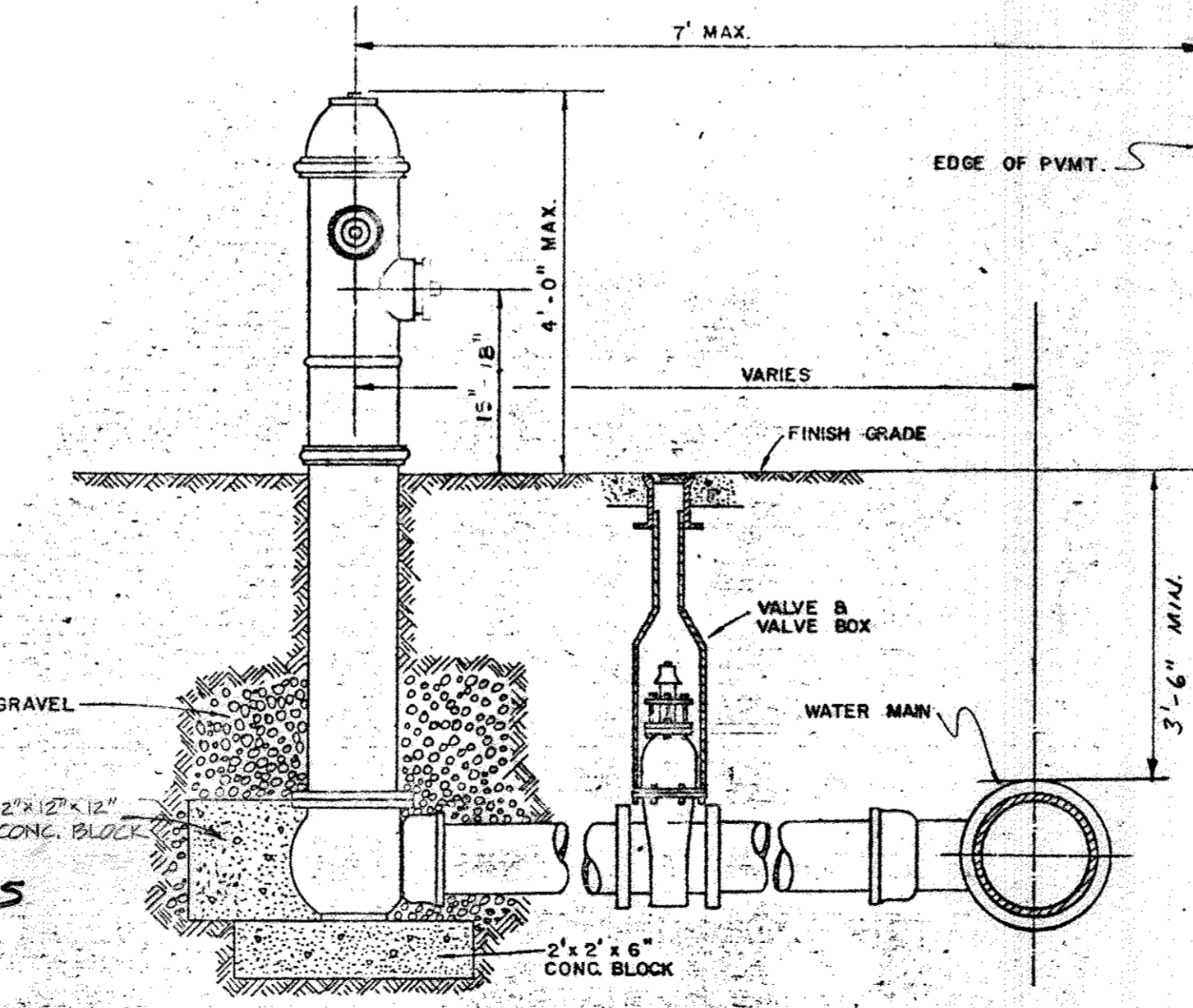
APPROVED: HOWARD COUNTY OFFICE OF PLAN-
NING AND ZONING

PLANNING DIRECTOR DATE
8/27/75

CHIEF, DIVISION OF LAND
DEVELOPMENT & TRANSPORTA-
TION PLANNING

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

COUNTY HEALTH OFFICER DATE
8/27/75



WATER PLAN &
SANITARY & STORM SEWER
PLAN & PROFILE
SCALE: 1" = 30' H
1" = 6' V



The Oglesby Group, Inc. Oglesby, Wiley, Halford, Johnson
Cochran, Stephenson, & Donkervoet, Inc. Architects
710 N. Saint Paul St. Dallas, Texas 75201 925 N. Charles St. Baltimore, Md.

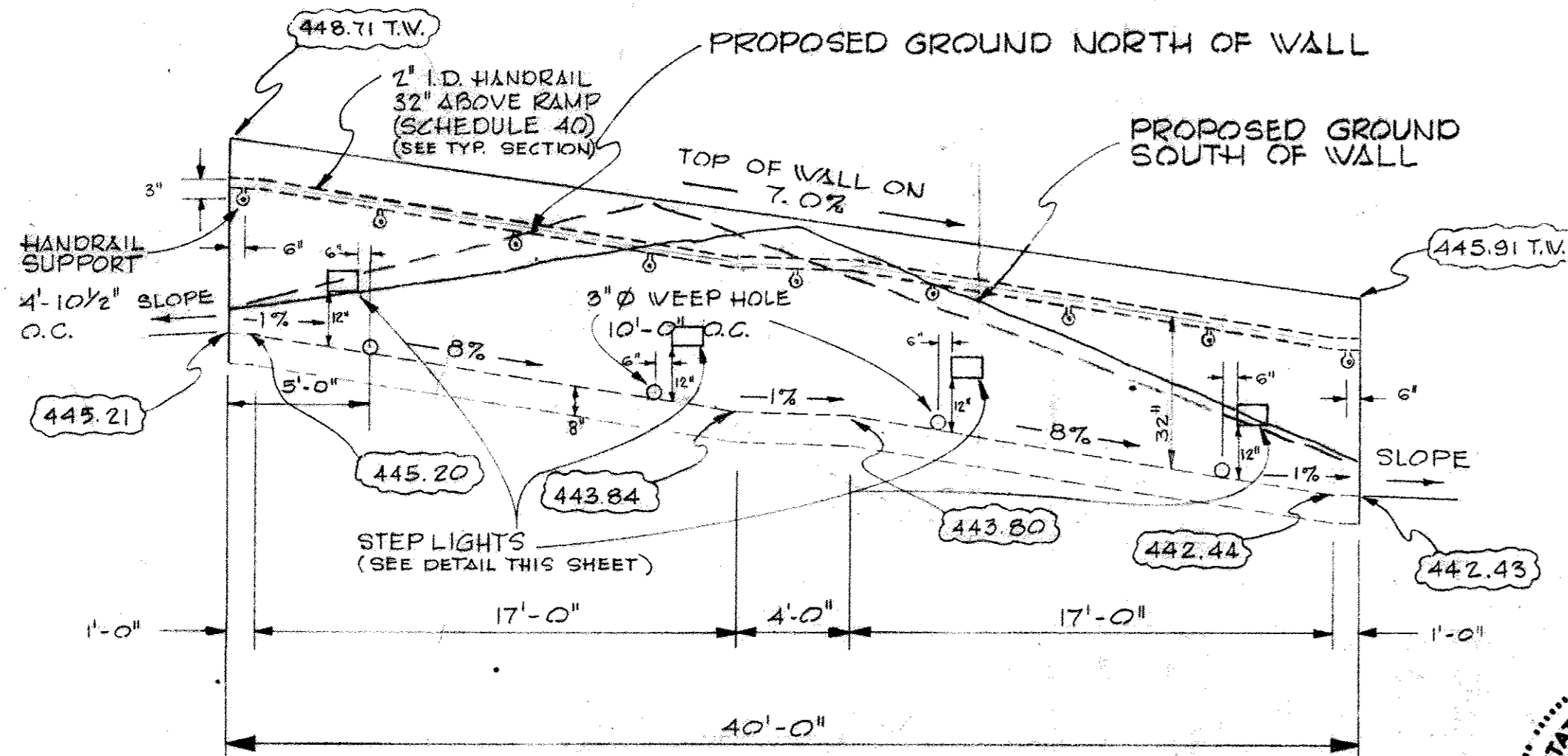
REVISIONS OF
SHEETS ON
THIS MAP & ZONING MAP
#25 OF HOWARD COUNTY
ELECTION DISTRICT 5

Howard Community College
NURSE EDUCATION FACILITY
HOWARD COMMUNITY COLLEGE
BOARD OF TRUSTEES, OWNEE
LITTLE PATENTMENT PKY
COLUMBIA, MD. 21044
JOB 1301

REV. 2/21/75
REV. 9/12/74
REV. 7/28/74
date 4-1-74

SD
1.02

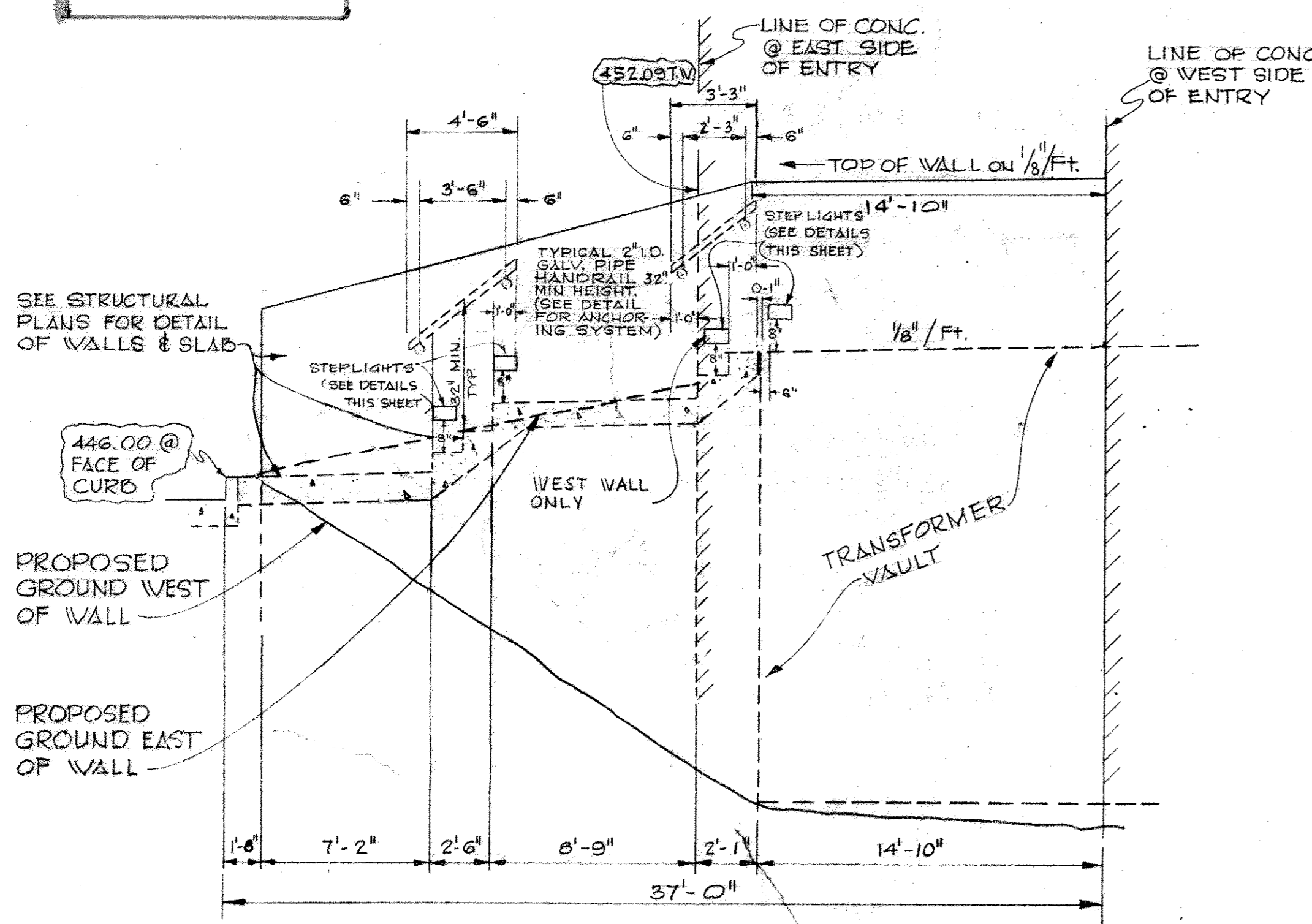
RAMP DETAIL



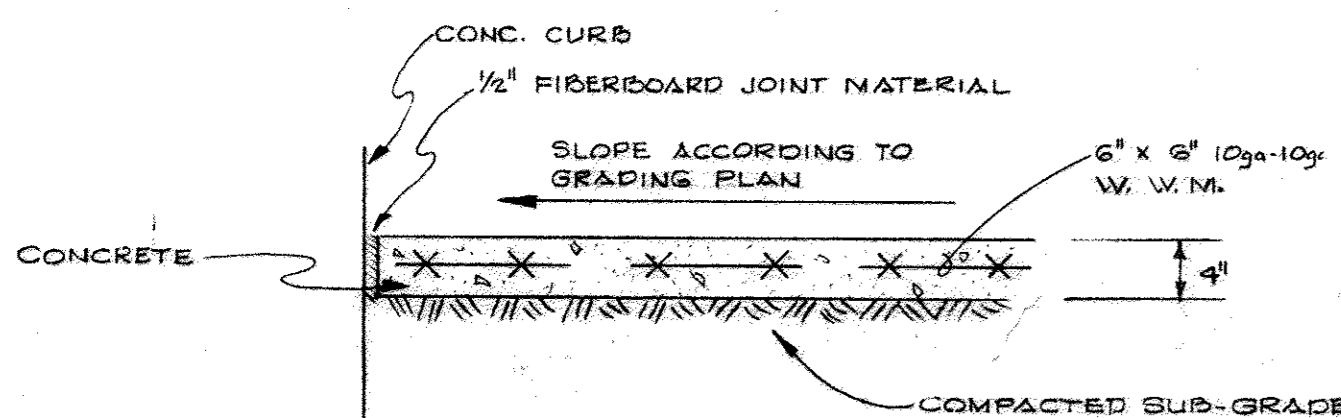
↑ SOUTH ELEVATION
NO SCALE

THIS SHEET IS FOR INFORMATION PURPOSES ONLY

DETAIL "B"

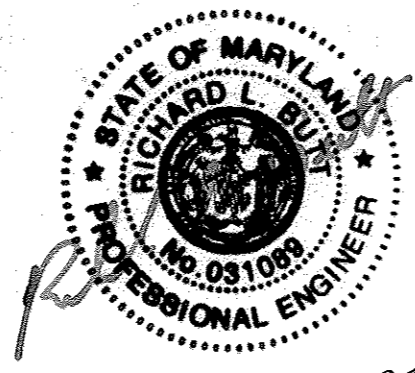


↑ WEST ELEVATION
NO SCALE

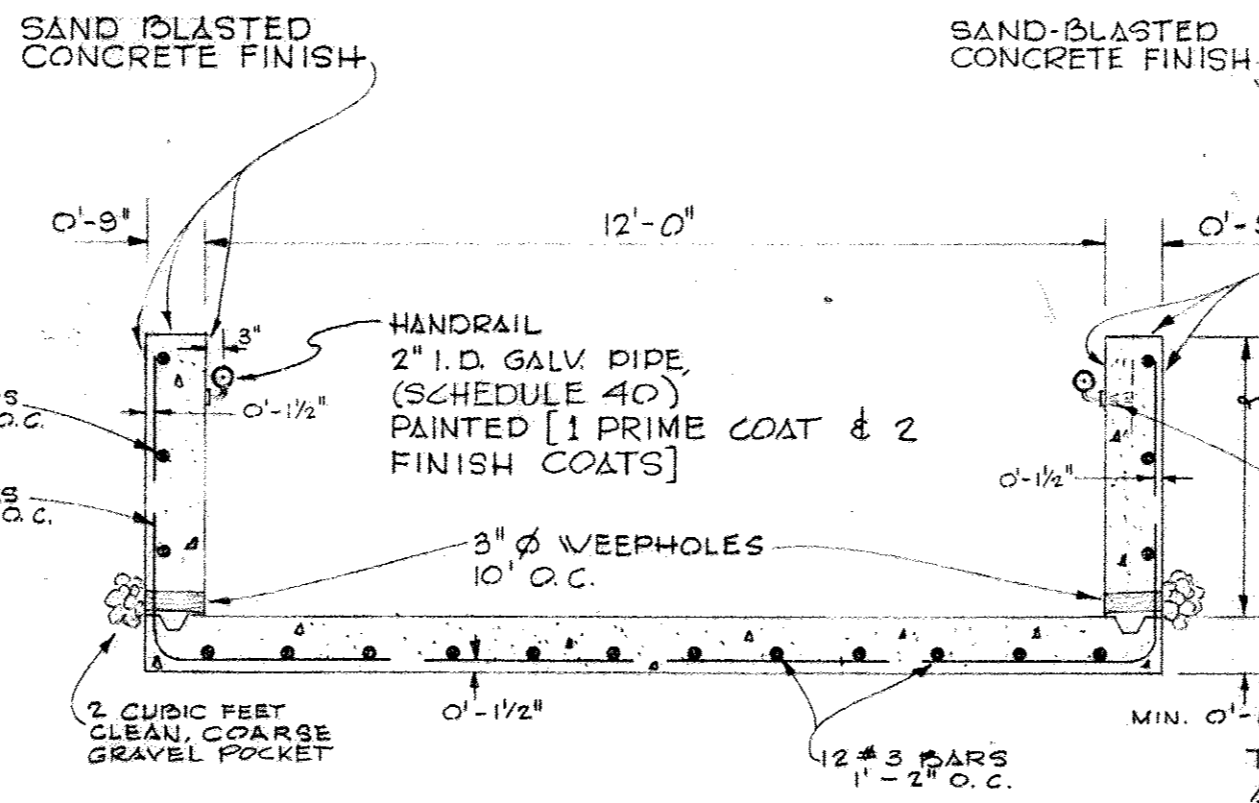


↑ CONCRETE WALK DETAIL
NO SCALE

APPROVED: FOR PUBLIC WATER, AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS & ROADS; HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.	
DIRECTOR	DATE
CHIEF, BUREAU OF HIGHWAYS	DATE
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING	
PLANNING DIRECTOR	DATE
CHIEF, DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING	
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT	
COUNTY HEALTH OFFICER	DATE

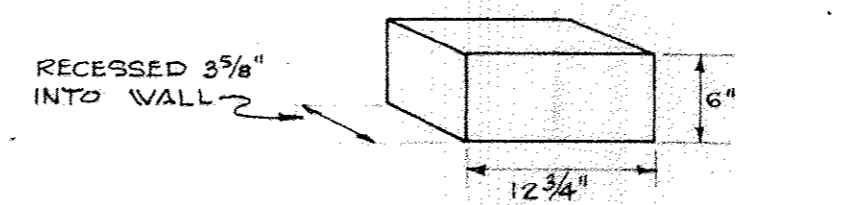


11-23-16



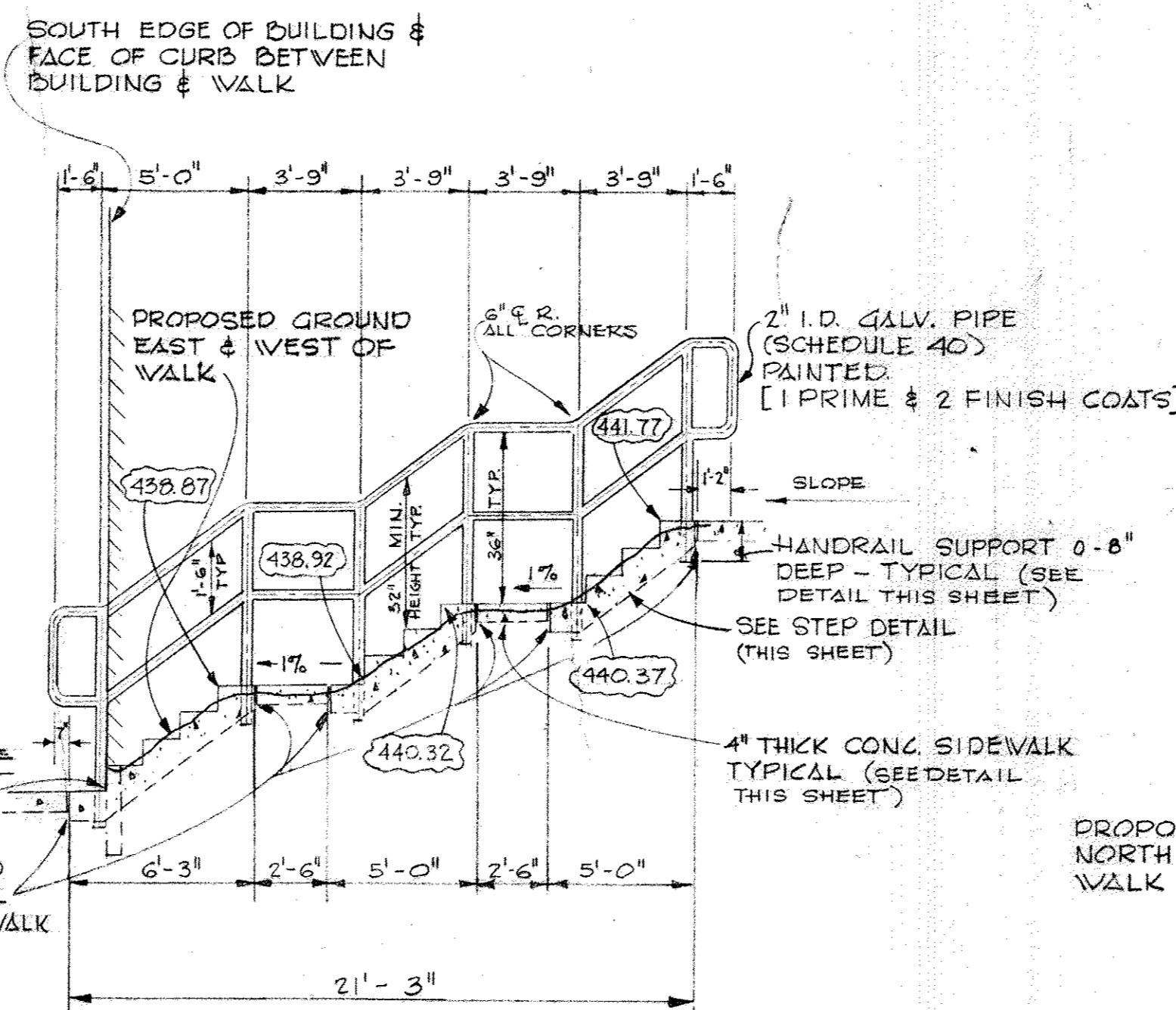
↑ TYPICAL SECTION
NO SCALE

NOTE:
NEW SEAL & SIGNATURE ARE APPLICABLE ONLY TO REVISIONS

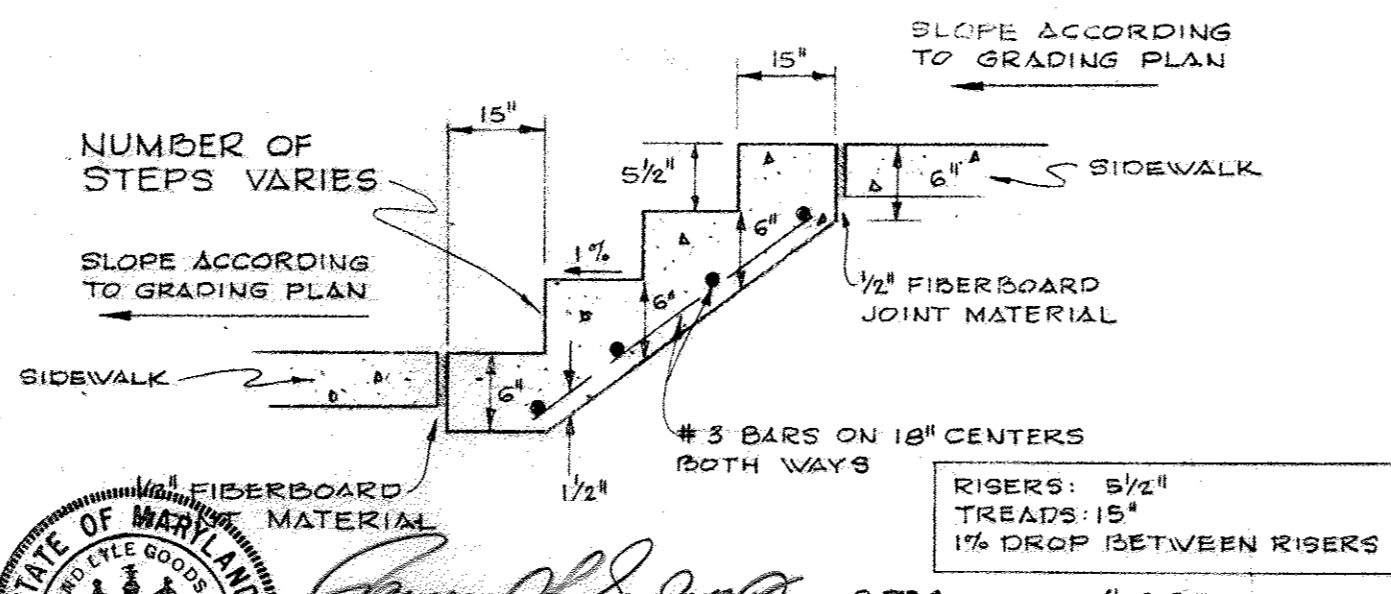


↑ DETAIL OF RECESSED HOUSING FOR STEPLIGHT (TYPICAL)
NO SCALE

DETAIL "C"

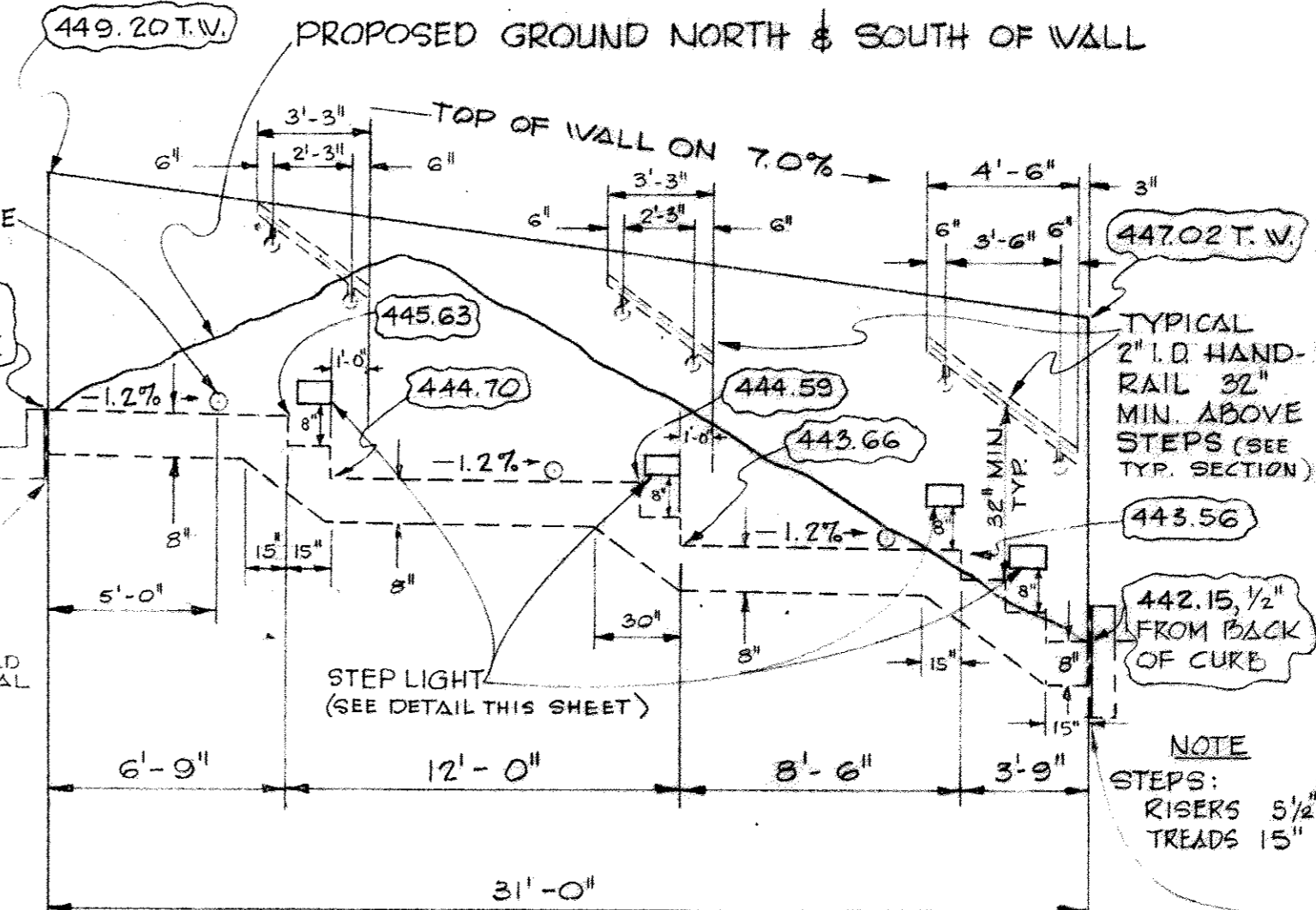


↑ EAST ELEVATION
NO SCALE



↑ STEPS DETAIL FOR EXTERIOR STAIRS
NO SCALE

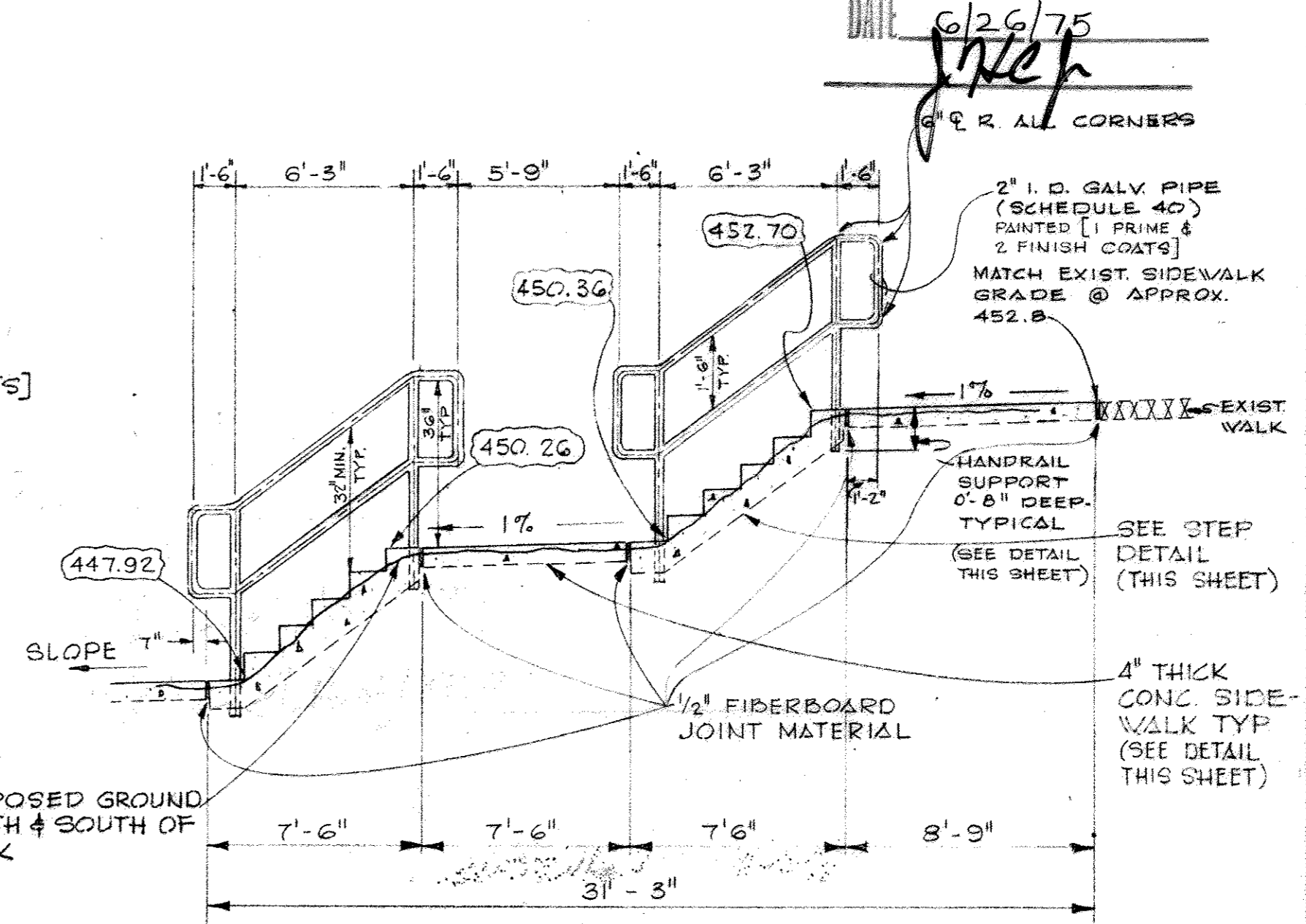
DETAIL "A"



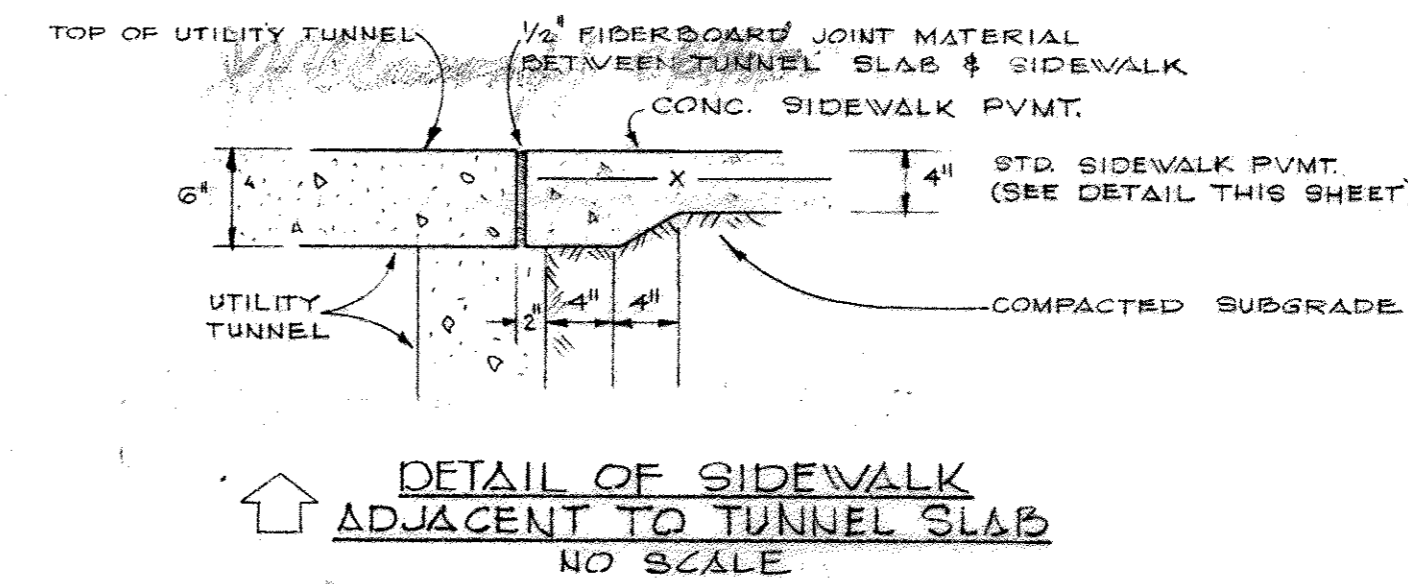
↑ SOUTH ELEVATION
NO SCALE

APPROVED
DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 6/26/75
Sheet

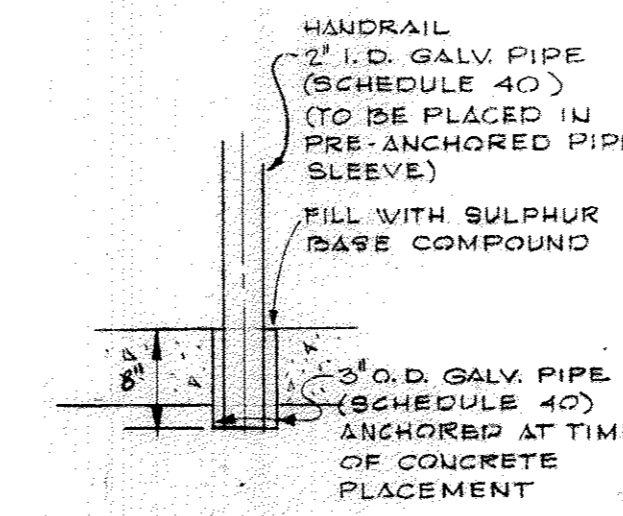
DETAIL "D"



↑ NORTH ELEVATION
NO SCALE



↑ DETAIL OF SIDEWALK ADJACENT TO TUNNEL SLAB
NO SCALE



↑ HANDRAIL SUPPORT ANCHORING DETAIL
NO SCALE

SEE SHEETS 12-19 FOR REVISIONS TO SDP# 75-082

DETAIL SHEET



The Oglesby Group, Inc. Oglesby, Wiley, Halford, Johnson
Cochran, Stephenson, & Donkervoet, Inc. Architects
710 N. Saint Paul St., Dallas, Texas 75201 925 N. Charles St., Baltimore, Md.

Howard Community College
NURSE EDUCATION FACILITY
LITTLE PATRICK DRIVE, COLUMBIA, MD 21044
PRVY BOARD OF TRUSTEES, OWNER

SD
1.03

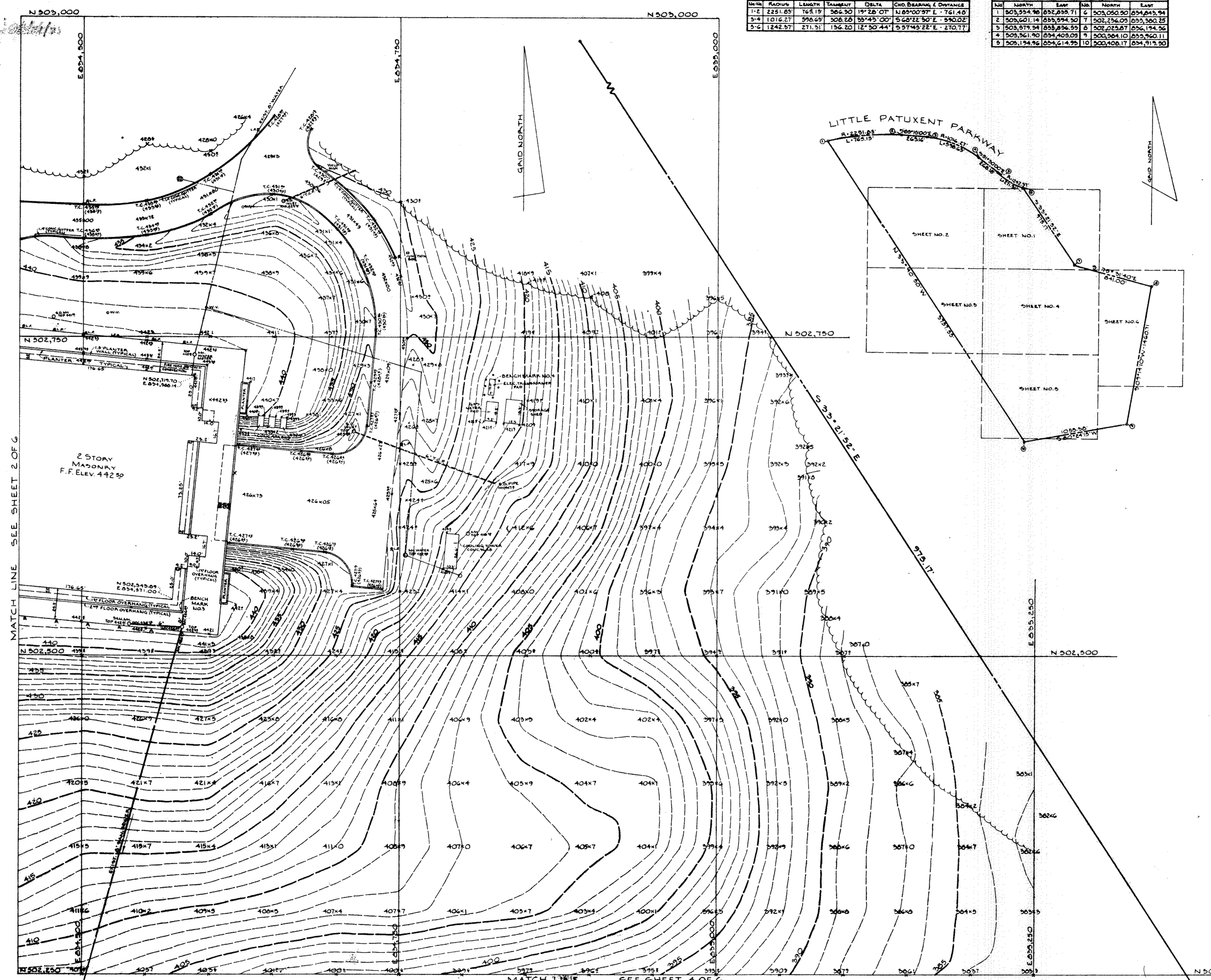
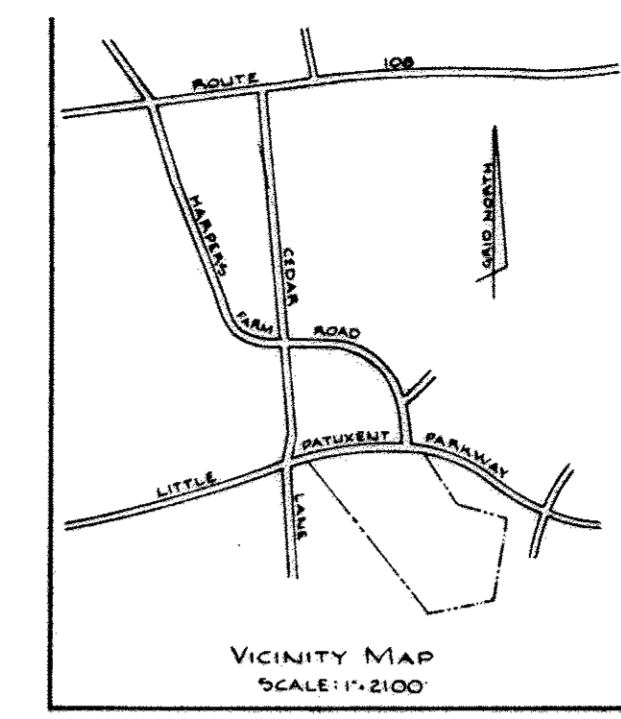


TABLE OF CURVE DATA

CHORD BEARING & DISTANCE	DELTA	TANGENT	LENGTH	RADIUS
1-2 225.85	128.19	386.30	187.26	0.000007 E. 741.40
2-3 1016.21	296.67	308.22	137.45	0.000007 E. 900.02
3-4 1242.57	271.31	136.20	12.30	0.000007 E. 210.77

TABLE OF COORDINATES

NO.	NORTH	EAST	NO.	NORTH	EAST
1	503,254.78	852,895.71	6	503,050.90	853,415.94
2	503,001.14	853,974.50	7	502,786.29	853,300.28
3	503,574.34	853,856.55	8	502,213.87	852,174.50
4	503,261.90	854,405.09	9	502,504.10	853,960.11
5	503,174.76	854,614.75	10	502,408.17	854,713.30



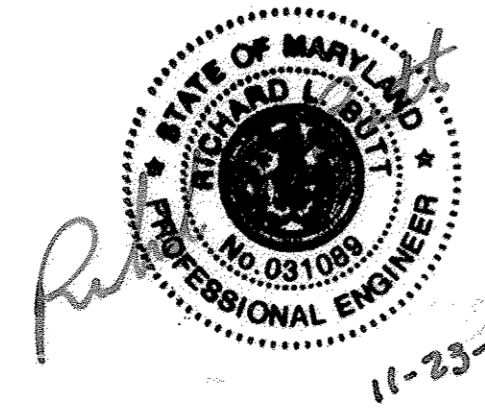
GENERAL NOTES
 The location of Utilities are approximate only and are shown from the best information available.
 Contours - Sheets 1 & 2 of 6 1' Vertical intervals.
 Sheets 3 to 6 of 6 2' Vertical intervals.
 Coordinates shown are base on Maryland State Grid System.
 Property consists of Parcel No. 47100 on Tax Map 4 Zoning Map No. 35 of Howard County, Maryland.
 Property was acquired by Deeds C.M.P. 466-219 & C.M.P. 525-326 and contains a total of 119.600 Acres more or less.
 Property is Zoned
BENCH MARKS:
 No. 1 - Southwest corner of concrete walk - Elev. 453.7'
 No. 2 - Corner of planter (top) - Elev. 443.7'
 No. 3 - Corner of planter (top) - Elev. 443.7'
 No. 4 - Northeast corner concrete Transformer Pad - Elev. 421.4'
 Elevations are based on U.S. Coast and Geodetic Survey System.

- LEGEND**
- Right of Way Line and/or Property Line
 - Existing Roadway (Bit. Conc. Paving unless noted otherwise)
 - Curb Elevations
 - Existing Storm Water Drain
 - Existing Sanitary Sewer
 - Existing Water
 - Water Valve
 - Fire Hydrant
 - Existing Inlets
 - Streams & Ditches
 - Trees
 - Light Poles
 - Fence Line

APPROVED: FOR PUBLIC WATER, AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS & ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
 DIRECTOR: [Signature] DATE: 8/27/75
 CHIEF, BUREAU OF HIGHWAYS
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR: [Signature] DATE: 8/27/75
 CHIEF, DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: [Signature] DATE: [Blank]

APPROVED
 DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
 HOWARD COUNTY, MARYLAND
 DATE: 6/26/75
 [Signature]

PURDUM & JESCHKE
 ENGINEERS & LAND SURVEYORS
 2697 PARK AVENUE
 ELLICOTT CITY, MARYLAND 21043



NOTE:
 NEW SEAL AND SIGNATURE
 APPLICABLE ONLY TO
 REVISIONS

SEE SHEETS 12-19
 FOR REVISIONS TO
 SOP# 75-082

THIS SHEET IS
 FOR INFORMATION
 PURPOSES ONLY

EXISTING SITE
 TOPO

TOPOGRAPHIC SURVEY
 PROPERTY OF
 HOWARD COUNTY COMMUNITY COLLEGE
 5TH ELECTION DISTRICT OF HOWARD COUNTY
 COLUMBIA, MARYLAND
 NOVEMBER, 1975 SHEET 1 OF 6 SCALE: NONE



The Oglesby Group, Inc. Oglesby, Wiley, Halford, Johnson
 Cochran, Stephenson, & Dankervoet, Inc. Architects
 710 N. Saint Paul St. Dallas Texas 75201 925 N. Charles St. Ballt. Md.

PROPERTY CONSISTS OF 119.60 ACRES TAX MAP 4 ZONING MAP # 35 OF HOWARD COUNTY ELECTION DISTRICT 5

Howard Community College
 NURSE EDUCATION FACILITY
 HOWARD COMMUNITY COLLEGE LITTLE PATUXENT PLXV
 BOARD OF TRUSTEES, OWNER COLUMBIA, MD. 21044

REV. 9/12/74
 REV. 4/2/74

SD
 1.04

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS & ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
 DIRECTOR DATE
 CHIEF, BUREAU OF HIGHWAYS DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR DATE
 CHIEF, DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING

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



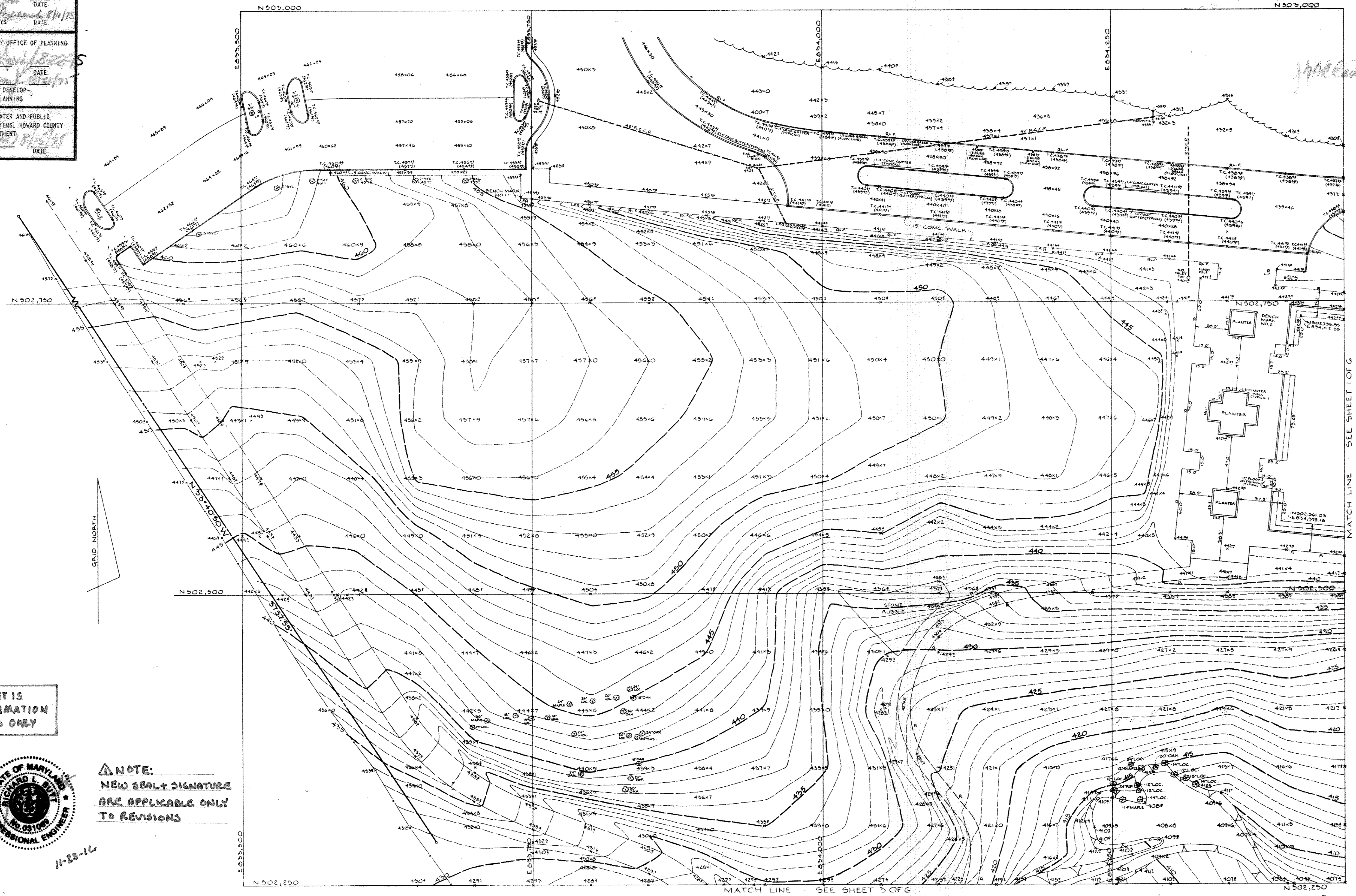
The Oglesby Group, Inc. Oglesby, Wiley, Halford, Johnson
 Cochran, Stephenson, & Donkervoet, Inc. Architects
 710 N. Saint Paul St. Dallas Texas 75201 - 925 N. Charles St. Baltimore

PROPERTY CONSISTS OF PARCELS 45, 47 & 50 ON TAX MAP & ZONING MAP #35 OF HOWARD COUNTY, ELECTION DISTRICT 5.

Howard Community College
 NURSE EDUCATION FACILITY
 HOWARD COMMUNITY COLLEGE, LITTLE PATRICK PLANK, BOARD OF TRUSTEES, OWNER, COLUMBIA, MD 21044

REV. 9/12/74
 REV. 8/28/74
 DATE: 4-1-74

SD
 1.05



THIS SHEET IS FOR INFORMATION PURPOSES ONLY



NOTE:
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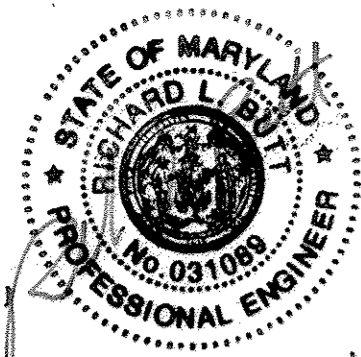
SEE SHEETS 12-19 FOR REVISIONS TO SPP# 75-032

PURDUM JESCHKE ENGINEERS & LAND SURVEYORS 3697 PARK AVENUE ELLICOTT CITY, MARYLAND 21043

APPROVED
 DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
 HOWARD COUNTY, MARYLAND
 DATE 6/26/75
 JACY

EXISTING SITE TO DO

TOPOGRAPHIC SURVEY
 PROPERTY OF
 HOWARD COUNTY COMMUNITY COLLEGE
 5TH ELECTION DISTRICT OF HOWARD COUNTY
 COLUMBIA, MARYLAND
 NOVEMBER 1975 SHEET 8 OF 11 SCALE: NONE



NOTE:
NEW SEAL & SIGNATURE
ARE APPLICABLE ONLY
TO REVISIONS

11-23-16

THIS SHEET IS
FOR INFORMATION
PURPOSES ONLY

PLANT LIST		
TREES		
1	London Plane Tree (Platanus acerifolia)	14-16' ht., 3 1/2" cal.
10	Northern Red Oak (Quercus borealis)	14-16' ht., 3 1/2" cal.
3	Washington Hawthorn (Crataegus phanopyrum)	0-10' ht.
4	Washington Hawthorn (move)	
8	Red Radiant Crabapple (Malus "Red Radiant")	6-8' ht.
9	Pin Oak (Quercus palustris)	14-16' ht., 3 1/2" cal.
11	Sugar Maple (Acer saccharum)	14-16' ht., 3 1/2" cal.
6	Floribunda Crabapple (Malus floribunda)	5-6' ht.
8	Higan Cherry (Prunus "Higan")	8-10' ht.
1	Norway Maple (Acer platanoides)	3 1/2" cal.
6	Thornless Honey Locust	8-10' ht.

TREES - Continued		
5	American Holly (Ilex opaca - female)	6-8' ht., heavy
7	Dawn Redwood (Metasequoia glyptostroboides)	3 1/2" cal.

GROUND COVER		
1030	Bar Harbor Juniper (Juniperus horizontalis)	12-15" l. cal.
250	Pachysandra (move)	8" o.c., 2 1/2" nots

SHRUBS		
24	Hetzi Holly (move)	3" o.c., 5 gal.
55	Cotoneaster demeri	

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE
STORM DRAINAGE SYSTEMS & ROADS,
HOWARD COUNTY DEPARTMENT OF PUBLIC
WORKS.
DIRECTOR: [Signature] DATE: 8/11/75
CHIEF, BUREAU OF HIGHWAYS

APPROVED: HOWARD COUNTY OFFICE OF PLANNING
AND ZONING
PLANNING DIRECTOR: [Signature] DATE: 8/11/75
CHIEF, DIVISION OF LAND DEVELOP-
MENT & TRANSPORTATION PLANNING

APPROVED: FOR PUBLIC WATER AND PUBLIC
SEWERAGE SYSTEMS, HOWARD COUNTY
HEALTH DEPARTMENT
COUNTY HEALTH OFFICER: [Signature] DATE: 8/11/75



The Oglesby Group, Inc. Oglesby, Wiley, Halford, Johnson
Cochran, Stephenson, & Donkervoet, Inc. Architects

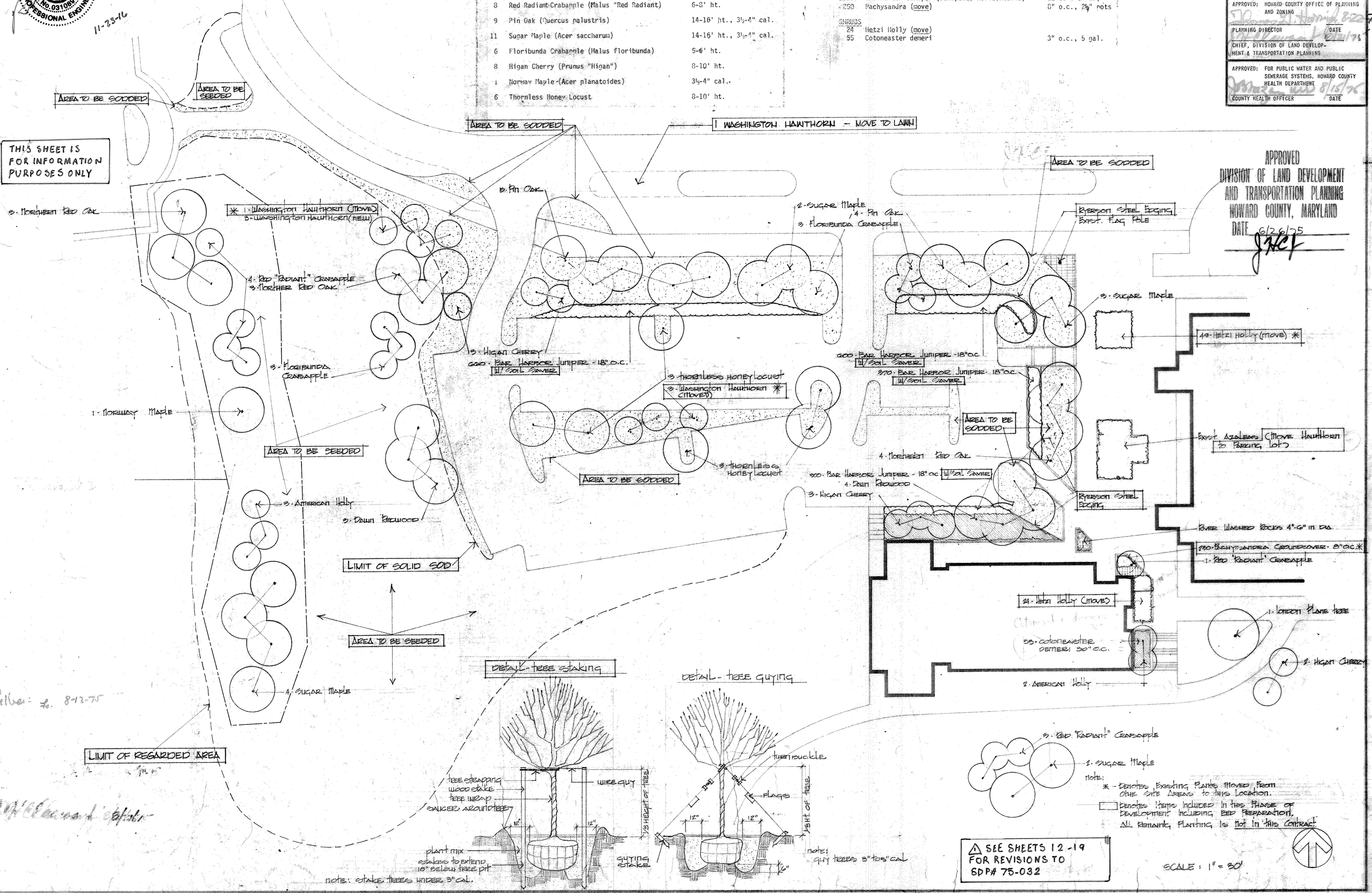
PROPERTY CONSISTS OF
44 ACRES 35/100
TAX MAP # 2
MAP # 33 OF HOWARD
COUNTY
ELECTION DISTRICT: 5

Howard Community College
NURSE EDUCATION FACILITY
HOWARD COMMUNITY COLLEGE,
BOARD OF TRUSTEES, OWNER
OF
LITTLE PATRIOT PLAY
COLUMBIA, MD 21044

REV 8/12/74
REV 9/8/74

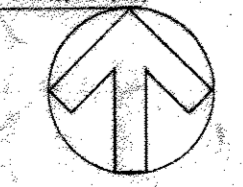
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1.00

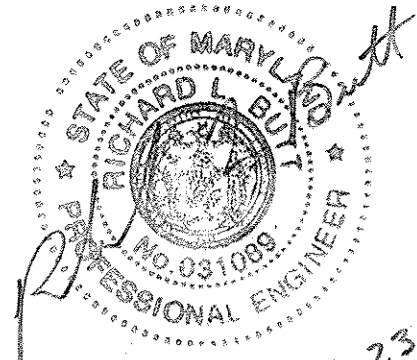
SITE DEVELOPMENT SHEET 9 OF 11



SEE SHEETS 12-19
FOR REVISIONS TO
SDP# 75-032

SCALE: 1" = 30'





11-23-16

NOTE:
NEW SEAL + SIGNATURE
ARE APPLICABLE ONLY
TO REVISIONS.

THIS SHEET IS
FOR INFORMATION
PURPOSES ONLY

SEE SHEETS 12-14
FOR REVISIONS TO
SDP# 75-032

NOTE
All Drainage Structures Shall
Be In Accordance With
Howard County Road Const. Code

APPROVED
DIVISION OF LAND DEVELOPMENT
AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 6/26/75

LEGEND

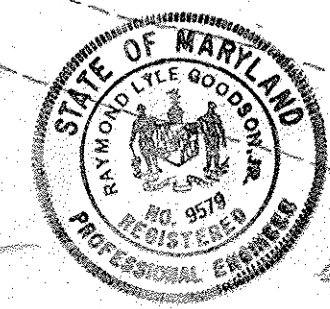
- Existing Contour
- - - Proposed Contour
- Flow Direction Arrows
- Existing Drainage System
- - - Proposed Drainage System w/ Manhole & Inlet Numbers
- Drainage Divide

DESIGN DATA
Zoned R-40
Use =
C = 0.95 - Impervious
C = 0.25 - Grass (Sandy Soil)

APPROVED: FOR PUBLIC WATER, AND PUBLIC SEWERAGE, STORM DRAIN SYSTEMS & ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
 W. J. Gilbert 8-12-75
 DIRECTOR DATE
 R. M. McLeod 8/1/75
 CHIEF, BUREAU OF HIGHWAYS DATE

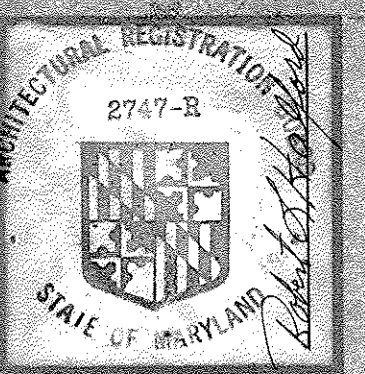
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 Thomas J. Harty 8-22-75
 PLANNING DIRECTOR DATE
 W. H. Chappell 8/1/75
 CHIEF, DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT
 J. P. ... 8/15/75
 COUNTY HEALTH OFFICER DATE



RAYMOND L. GOOD 5573 4-7-75
REG. NO. DATE

DRAINAGE AREA MAP
SCALE 1"=30'



The Oglesby Group, Inc. Oglesby, Wiley, Halford, Johnson
Cochran, Stephenson, & Donkervoet, Inc. Architects
710 N. Saint Paul St. Dallas, Texas 75201 - 925 N. Charles St. Balt. Md.

Howard Community College
NURSE EDUCATION FACILITY
HOWARD COMMUNITY COLLEGE
BOARD OF TRUSTEES, OWNER
LITTLE PATRIOT PARKWAY
COLUMBIA, MARYLAND 21044
REVISED 18 JUNE 75
REVISED 23 MAY 76
REVISED 2-21-75

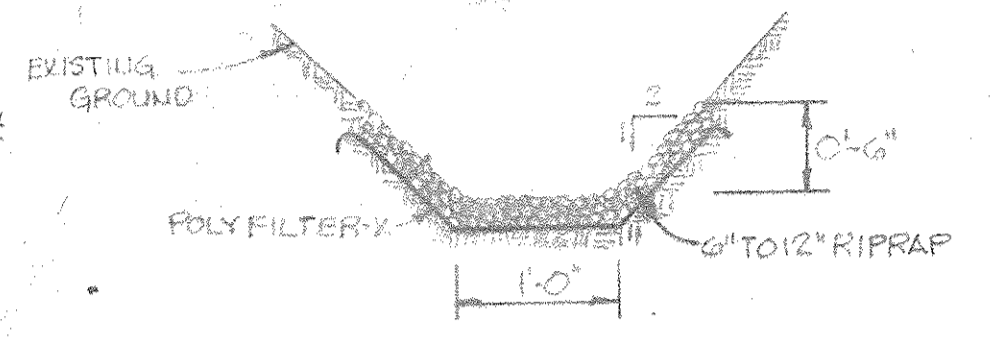
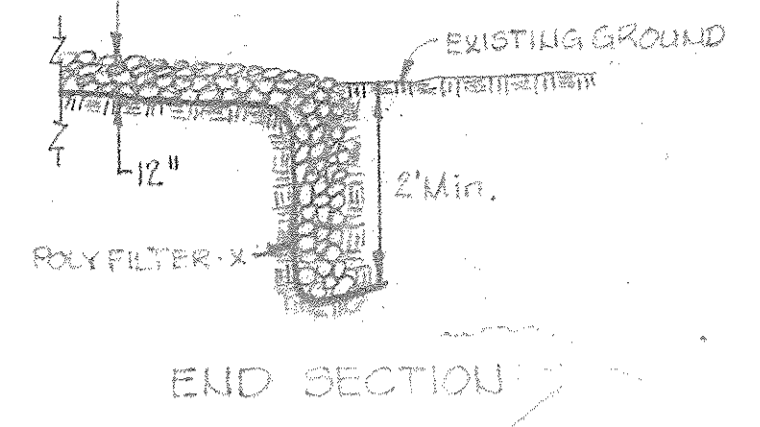
SD
1.06

NOTE: Storm Drain Line "A" and Riprap Channel only
 by: PURDUM & JESCHKE, Consulting Engineers
 1023 U. Calvert St. Baltimore, Maryland 21202



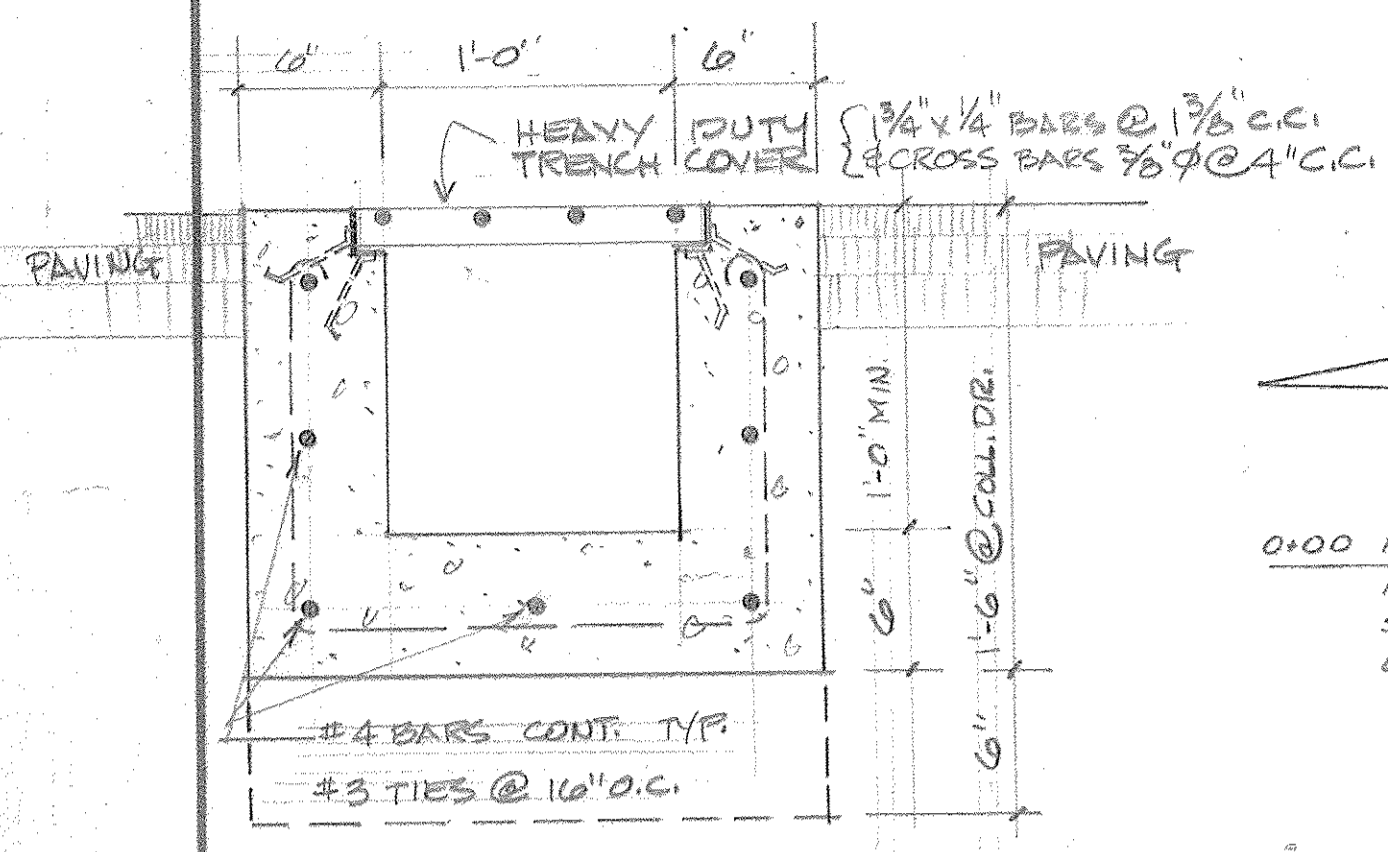
G. S. Weinel, Jr. 8182 2-21-75
 GAY G. WEINEL, JR. REG. NO. DATE

APPROVED
 DIVISION OF LAND DEVELOPMENT
 AND TRANSPORTATION PLANNING
 HOWARD COUNTY, MARYLAND
 DATE 6/26/75



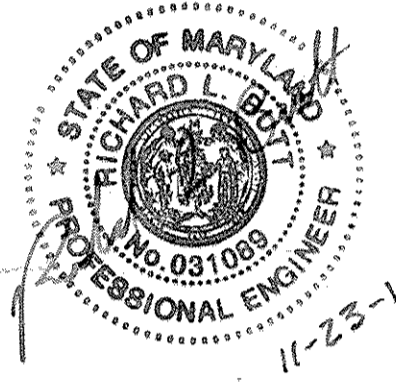
Note: All Coordinates Shown Are Based On Maryland State Grid System.
 For Detail of Curb Inlet - See Sh. SD 100
 For Detail of Area Drain - See Sh. SD 101
 All Drainage Structures Shall Be In Accordance With Howard Co. Road Const. Code.

SEE SHEETS 12-19 FOR REVISIONS TO SDP# 75-082

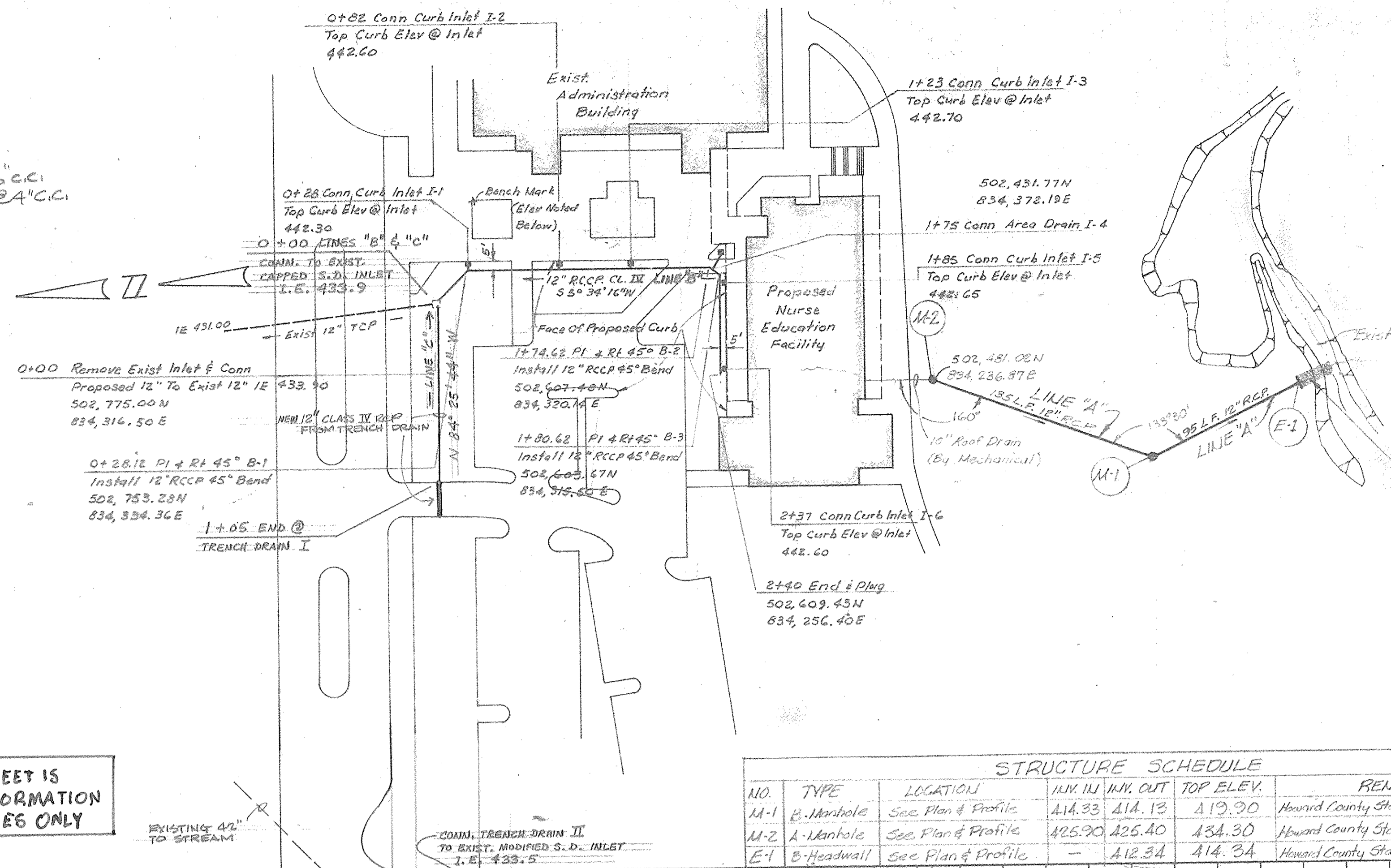


SECTION - TRENCH DRAIN
 SCALE 1/2" = 1'-0"

NOTE:
 NEW SEAL + SIGNATURE ARE APPLICABLE ONLY TO REVISIONS

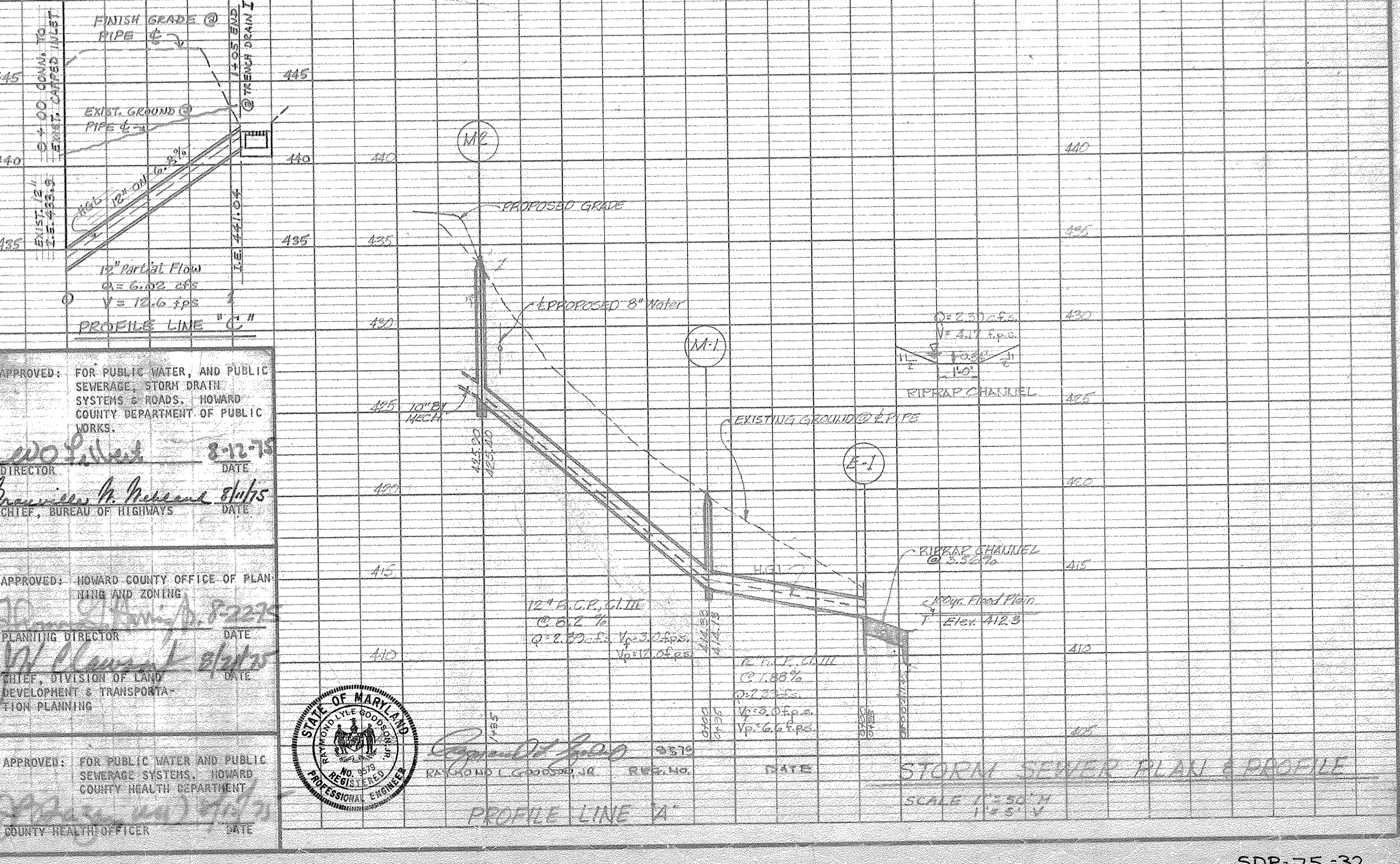
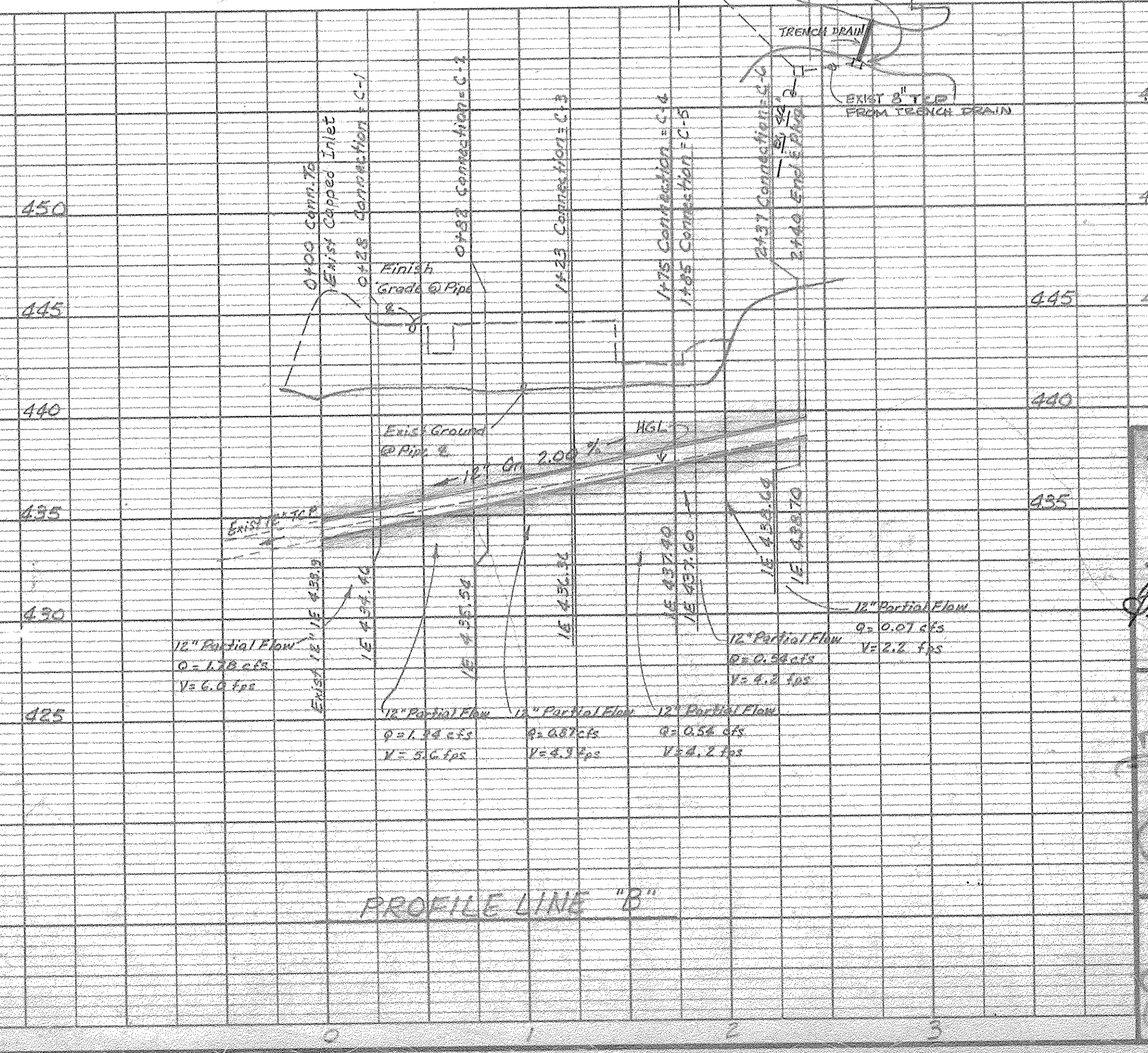


THIS SHEET IS FOR INFORMATION PURPOSES ONLY



STRUCTURE SCHEDULE						
NO.	TYPE	LOCATION	INLET IN	INLET OUT	TOP ELEV.	REMARKS
M-1	B-Manhole	See Plan & Profile	414.83	414.13	419.90	Howard County Std. Detail 300-3
M-2	A-Manhole	See Plan & Profile	425.90	425.40	434.30	Howard County Std. Detail 300-7
E-1	B-Headwall	See Plan & Profile	-	412.34	414.34	Howard County Std. Detail 300-21

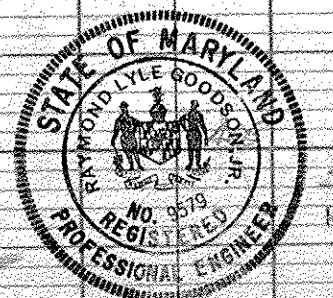
Bench Mark
 Northeast Corner Of Planter
 (Top)
 Elev 443.04
 (Based On USCGS System)



APPROVED: FOR PUBLIC WATER, AND PUBLIC SEWERAGE, STORM DRAIN SYSTEMS & ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
 Director: *W. J. ...* DATE: 8-12-75
 CRITER. BUREAU OF HIGHWAYS

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 Planning Director: *...* DATE: 8-22-75
 CRITER. DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT
 County Health Officer: *...* DATE: 8-22-75



STORM SEWER PLAN & PROFILE
 SCALE 1/2" = 1'-0"



The Oglesby Group, Inc. Oglesby, Wiley, Halford, Johnson
 Cochran, Stephenson, & Donkervoet, Inc. Architects
 710 N. Saint Paul St. Dallas Texas 75201 - 925 N. Charles St. Balt. Md.

Howard Community College
 NURSE EDUCATION FACILITY
 LITTLE STONEY PARKWAY
 COLLEGE PARK, MARYLAND 20742

Revised 18 June 75
 Revised 23 MAY 75
 Revised 2-21-75
 SD 1.07

LEGEND

- EX. GUY WIRE
- EX. WATER VALVE
- EX. FIRE HYDRANT
- EX. CLEANOUT
- EX. STORM DRAIN
- EX. GAS LINE
- EX. SANITARY
- EX. ELECTRIC
- EX. TELEPHONE
- EX. WATER
- APPROXIMATE LIMITS OF PROP. PAVEMENT REMOVAL
- EX. SANITARY MANHOLE
- EX. ELECTRIC MANHOLE
- EX. LIGHT POLE
- EX. WATER METER
- EX. SIGN
- EX. UTILITY POLE
- EX. BOLLARD
- EX. DECIDUOUS TREE
- EX. CONIFEROUS TREE
- EX. GAS VALVE

SITE ANALYSIS DATA SHEET

- SITE ADDRESS: 10901 LITTLE PATUXENT PKWY COLUMBIA, MD 21044
- OWNER/APPLICANT: BOARD OF TRUSTEES OF HOWARD COUNTY COMMUNITY COLLEGE
- TAX ACCOUNT NO.: 15-045868
- PROPERTY REFERENCE: MAP 35 PLAT 16J 25 BLOCK 6 PARCEL 47 ELECTION DISTRICT NO. 5
- ZONING: POR & NT EXISTING USE: EDUCATIONAL BUILDING PROPOSED USE: EDUCATIONAL BUILDING
- TOTAL AREA OF CAMPUS: 117.84 ACRES
- TOTAL PROJECT AREA: 8,053 S.F. (0.185 AC.)
- LIMIT OF DISTURBANCE: 8,053 S.F. (0.185 AC.)
- RELATED DPZ FILE REFERENCES: SDP-87-95

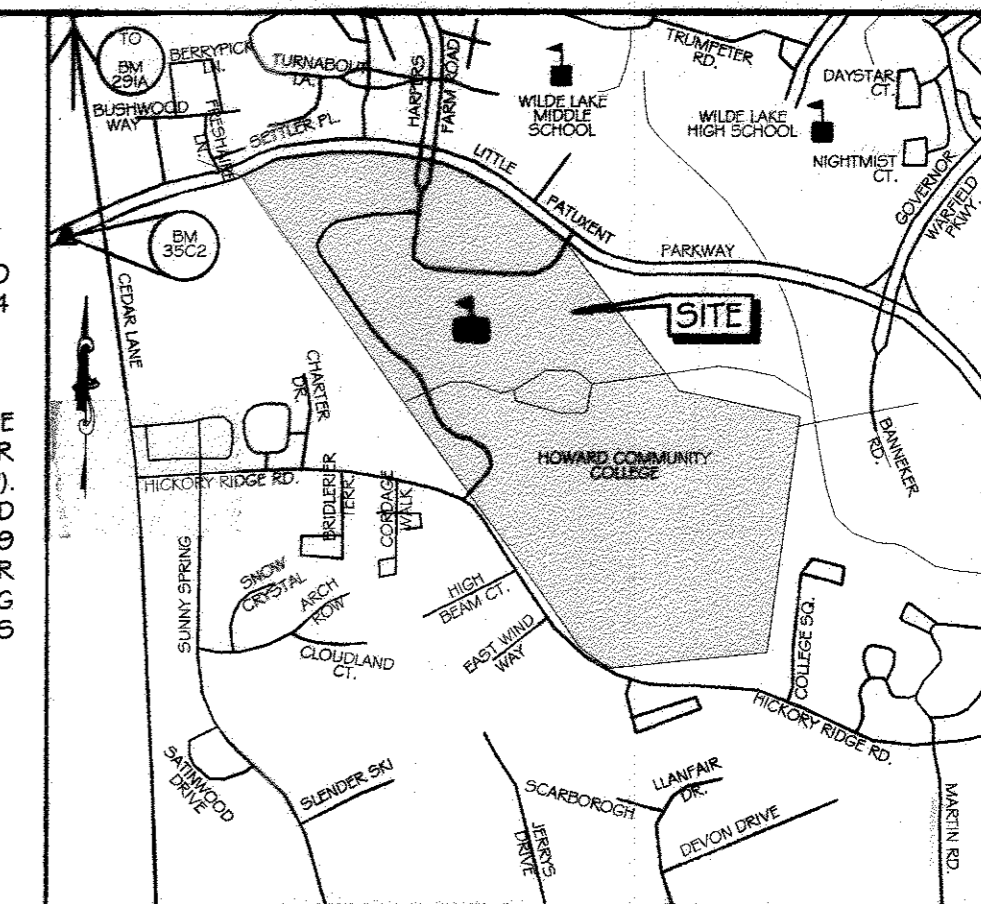
BENCHMARK DATA

HORIZONTAL NAD83/91 AND VERTICAL (NAVD83) CONTROL BASED ON GPS OBSERVATIONS IN 2013. HOWARD COUNTY BENCH MARK NO.5

	NORTHING	EASTING	ELEV.	
35C2	HOW CO MON	563920.835	1344204.120	463.40
291A	HOW CO MON	568986.073	1343640.108	482.04

NOTE:

VERTICAL ELEVATIONS SHOWN ON THIS DRAWING ARE BASED ON THE NAVD83 CONTROL DATUM, WHICH INDICATES A FIRST FLOOR ELEVATION FOR THE EXISTING BUILDING OF 441'-2" (441.67'). VERTICAL ELEVATIONS SHOWN ON THE ARCHITECTURAL AND STRUCTURAL ENGINEERING DRAWINGS ARE BASED ON THE NGVD29 CONTROL DATUM, WHICH INDICATES A FIRST FLOOR ELEVATION FOR THE EXISTING BUILDING OF 442'-6" (442.5'). WHEN CORRELATING VERTICAL ELEVATIONS BETWEEN THE THIS AND OTHER DRAWINGS, THIS TEN INCH DIFFERENCE SHALL BE TAKEN INTO CONSIDERATION.

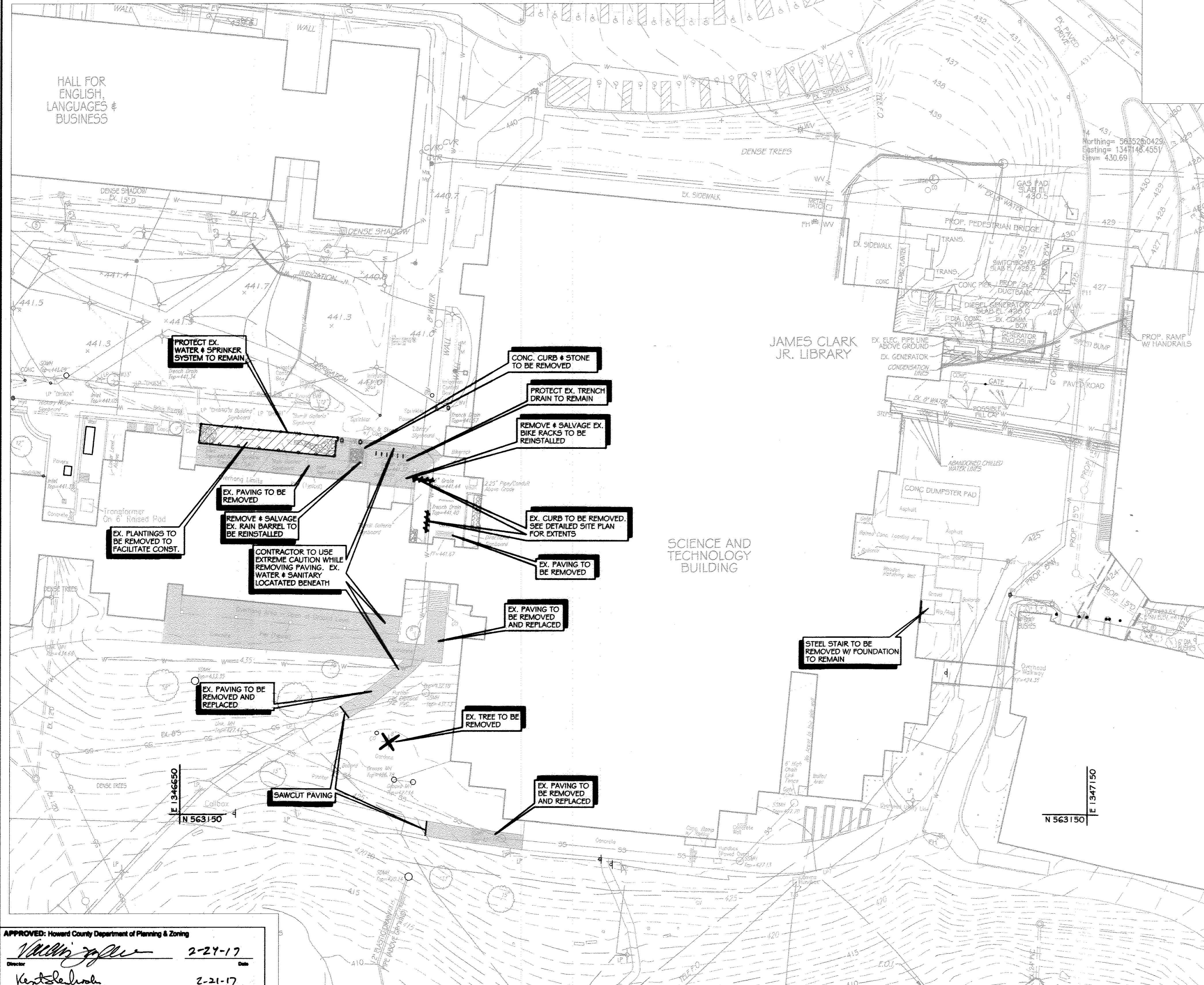


VICINITY MAP

SCALE 1" = 1000'
ADC MAP: 1:5 GRID: DG

DEMOLITION NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE.
- THE CONTRACTOR SHALL NOTIFY MISS UTILITY (800-257-7777) AT LEAST FIVE (5) WORKING DAYS PRIOR TO STARTING ANY WORK.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/ BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- NO WORK SHALL BEGIN UNTIL THE PROPER PERMITS HAVE BEEN RELEASED BY HOWARD COUNTY.
- TOPOGRAPHIC INFORMATION SHOWN IS BASED UPON FIELD RUN SURVEY WITH MAXIMUM 2' CONTOUR INTERVALS CONDUCTED BY KCI TECHNOLOGIES, INC. IN MAY 2016 AND TOPO FROM VA RESOURCE MAPPING IN APRIL 2009
- OBSTRUCTIONS SHOWN ON THIS DRAWING ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. KCI TECHNOLOGIES, INC. DOES NOT WARRANT OR GUARANTEE THE CORRECTNESS OR THE COMPLETENESS OF THE INFORMATION GIVEN. THE CONTRACTOR MUST VERIFY ALL SUCH INFORMATION TO HIS OWN SATISFACTION.
- CONTRACTOR SHALL INSTALL A TEMPORARY CONSTRUCTION FENCE AROUND THE CONSTRUCTION AREA WHILE MAINTAINING ACCESS TO THE ADJACENT PUBLIC SIDEWALKS.
- CONTRACTOR SHALL SECURE THE CONSTRUCTION AREA AT THE END OF EACH WORKING DAY AND SHALL INSPECT THE SECURITY FENCING TO INSURE ITS INTEGRITY.
- CONTRACTOR IS RESPONSIBLE TO COMPLY WITH MSHA AND OSHA REGULATIONS AS THEY PERTAIN TO EXISTING ADJACENT BUILDING WALLS AND PUBLIC SIDEWALKS AND PROVIDING SAFE PASSAGE TO THEM.
- CONTRACTOR SHALL INSPECT AND TAKE PICTURES OF ADJACENT BUILDING WALLS AND RETAINING WALLS PRIOR TO THE COMMENCEMENT OF ANY DEMOLITION ON THE SITE. EXISTING WALL CRACKS (IF ANY) SHALL BE NOTED.
- CONTRACTOR SHALL CONTINUALLY MONITOR THE WALLS OF THE ADJACENT BUILDINGS AND RETAINING WALLS FOR ANY SIGNS OF STRUCTURAL DISTRESS. IF ANY DISTRESS IS NOTED, CONTRACTOR SHALL STOP WORK IMMEDIATELY AND NOTIFY OWNER, KCI TECHNOLOGIES, INC. AND MARSHALL CRAFT ASSOCIATES.
- CONTRACTOR SHALL NOT EXPOSE, UNDERMINE, OR IMPACT THE MASS OF INFLUENCE FOR FOOTINGS AND FOUNDATIONS OF ADJACENT BUILDINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST TO REPAIR ADJACENT BUILDINGS THAT ARE DAMAGED DUE TO HIS OPERATION.
- CONTRACTOR SHALL PROVIDE THE NECESSARY MEANS TO CONTROL DUST AND AIR QUALITY DURING THE DEMOLITION PROCESS.
- CONTRACTOR SHALL SAWCUT EXISTING PAVING TO MINIMIZE DAMAGE TO EXISTING PAVING TO REMAIN. SEE DEMOLITION PLAN FOR APPROXIMATE LIMITS OF SIDEWALK AND PAVING REMOVAL.
- IN CONJUNCTION WITH THE REMOVAL OF CONCRETE APRONS AND WALKS, THE CONTRACTOR IS RESPONSIBLE TO ADJUST ALL UTILITIES (I.E. MANHOLE FRAMES & COVERS, ELECTRIC HAND BOXES, VALVE COVERS) TO MATCH FINISHED SIDEWALK GRADES.
- ANY EXISTING CURB AND GUTTER & CONCRETE SIDEWALK SHALL BE REMOVED TO THE NEAREST JOINT.
- THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING ALL WORK SHOWN ON THESE DRAWINGS UNLESS OTHERWISE NOTED.
- THE DEMOLITION INFORMATION SHOWN ON THIS DRAWING IS FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LIMITS OF DEMOLITION AND REMOVAL OF AFFECTED SITE ITEMS.
- CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF EXISTING UTILITIES SHOWN HEREON BEFORE STARTING ANY WORK. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR THE COST OF ANY AND ALL DAMAGES WHICH OCCUR AS A RESULT OF A FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL EXISTING UTILITIES TO REMAIN.
- THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AT ALL TIMES.
- CONTRACTOR SHALL INSTALL SEDIMENT CONTROLS PRIOR TO BEGINNING ANY WORK AND MAINTAIN SEDIMENT CONTROLS THROUGHOUT THE ENTIRE DURATION OF DEMOLITION AND CONSTRUCTION ACTIVITIES.
- ALL UTILITY LINES, ELECTRICAL DUCT BANKS, STRUCTURES, ETC. ARE TO BE REMOVED IN THEIR ENTIRETY UNLESS OTHERWISE INDICATED. ALL EXCAVATION SHALL BE ACCORDANCE WITH THE PROJECT SPECIFICATIONS. IN THE EVENT THAT A PORTION OF A UTILITY IS TO BE REMOVED THE CONTRACTOR SHALL TERMINATE & CAP TO THE LIMITS INDICATED IN ACCORDANCE WITH ALL STATE & LOCAL REQUIREMENTS AND THE PROJECT REQUIREMENTS.
- IT SHALL BE DISTINCTLY UNDERSTOOD THAT FAILURE TO MENTION SPECIFICALLY ANY WORK WHICH WOULD NORMALLY BE REQUIRED TO COMPLETE THIS PROJECT SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO COMPLETE SUCH WORK.
- SHOULD THE CONTRACTOR DISCOVER DISCREPANCIES BETWEEN THE PLANS AND FIELD CONDITIONS, THE A/E SHALL BE NOTIFIED IMMEDIATELY TO RESOLVE THE SITUATION. SHOULD THE CONTRACTOR MAKE FIELD CORRECTIONS OR ADJUSTMENTS WITHOUT NOTIFYING THE A/E, THE CONTRACTOR ASSUMES ALL RESPONSIBILITY FOR THOSE CHANGES.
- CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS FROM THE SITE AND DISPOSE OF IT AT AN APPROVED, PERMITTED DISPOSAL FACILITY. NO RUBBLE OR DEBRIS SHALL BE LEFT ON SITE.
- BURNING OF COMBUSTIBLE MATERIALS FROM DEMOLISHED STRUCTURES WILL NOT BE PERMITTED.
- SEE ARCHITECTURAL PLANS FOR ADDITIONAL BUILDING INFORMATION.
- SEE MECHANICAL/ELECTRICAL/PLUMBING PLANS FOR ADDITIONAL MECHANICAL/ELECTRICAL/PLUMBING DEMOLITION AND CONSTRUCTION INFORMATION.
- 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.
- CONTRACTOR SHALL COORDINATE ALL DISCONNECTIONS AND REMOVAL OF EXISTING GAS, ELECTRIC AND TELEPHONE SERVICES AND EQUIPMENT WITH BALTIMORE GAS & ELECTRIC AND VERIZON.



EXISTING CONDITIONS & DEMO PLAN

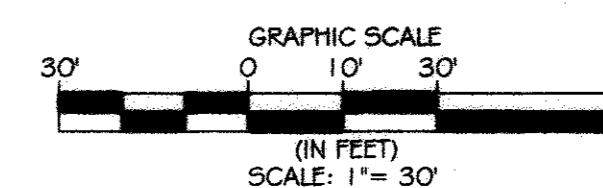
SCALE: 1" = 30'

APPROVED: Howard County Department of Planning & Zoning

<i>Valerie Zapp</i>	2-21-17
Director	Date
<i>Kentel Lewis</i>	2-21-17
Chief, Division of Land Development	Date
<i>Phil Schuch</i>	2-10-17
Chief, Development Engineering Division	Date

ADDRESS CHART	
BLDG.#	STREET ADDRESS

PERMIT INFORMATION CHART					
SUBDIVISION NAME	SECTION/AREA	LOT/PARCEL NO.			
HOWARD COMMUNITY COLLEGE	EAST GARAGE	47			
PLAN NUMBER	GRID#	ZONING	TAX MAP#	ELECT. DISTR.	CENSUS
107	35-6	POR & NT	95	5TH	6056.02
WATER CODE	SEWER CODE				
107	5522500				



CONTRACTOR NOTE:
CONTRACTOR SHALL EXERCISE EXTREME CAUTION SO AS NOT TO DAMAGE ANY EXISTING PAVING, UTILITIES, CURB & GUTTER, SIDEWALK OR OTHER SITE FEATURES WHICH ARE TO REMAIN. SHOULD DAMAGE OCCUR, CONTRACTOR SHALL REPAIR TO ORIGINAL CONDITION AT CONTRACTOR'S EXPENSE.

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MCA JOB NO.: 15001
PROJECT MANAGER: J. MORREL
PROJECT DESIGNER: A. BULCAYAGE / A. GLENN

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KCI TECHNOLOGIES
410-316-7800

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ARIA ENVIRONMENTAL
410-549-5774

CONSTRUCTION MANAGER
J. VINTON SCHAFER & SONS, INC.
410-355-5000

STATE OF MARYLAND
LICENSED PROFESSIONAL ENGINEER
11-23-16

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DAILY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 31089 EXPIRATION DATE: 11/21/18

HOWARD COMMUNITY COLLEGE
NURSE EDUCATION FACILITY
COLUMBIA, MD

PARCEL # 15 TAX MAP 35 GRID 6
TAX ACCOUNT # 1504980
ELECTION DISTRICT: 5 ZONING: POR & NT

HOWARD COMMUNITY COLLEGE
You Can Get There From Here.

REVISIONS:

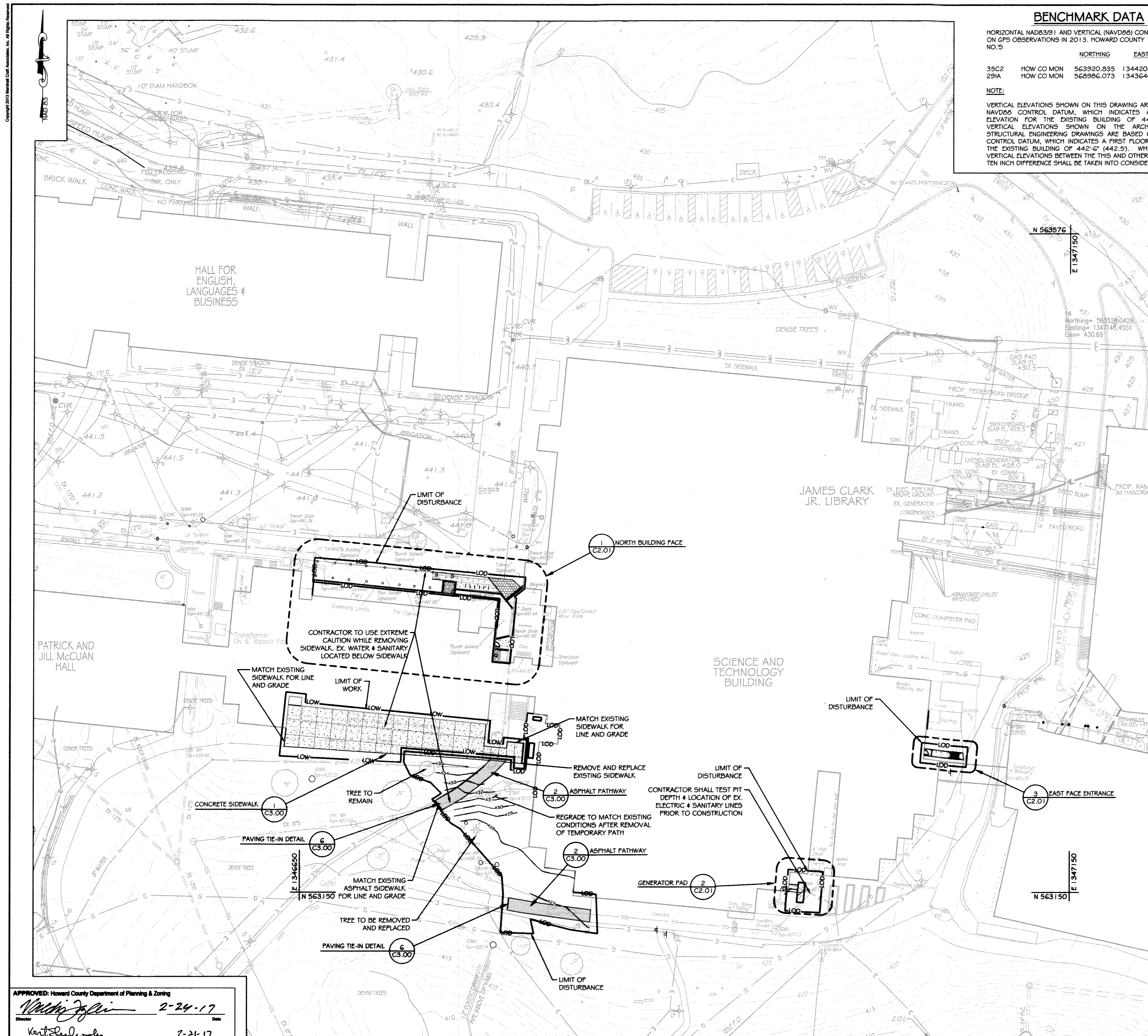
NO.	DATE	COMMENTS

SHEET SET AND SHEET ISSUE DATE: 11/23/2016
SDP SHEET NAME: **EXISTING CONDITIONS & DEMO PLAN**

SHEET NO.: **C1.00**

SOP SHEET 12 OF 19 SDP 75-032

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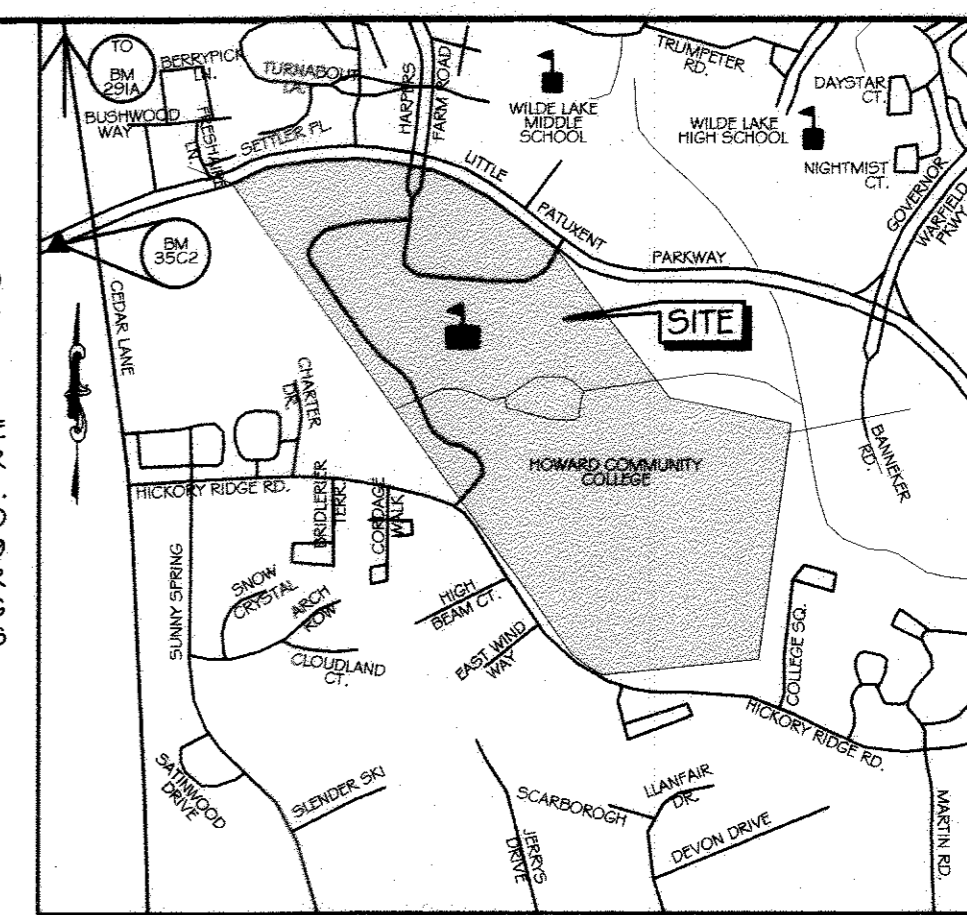
BENCHMARK DATA

HORIZONTAL NAD83(1) AND VERTICAL NAVD83 CONTROL BASED ON GPS OBSERVATIONS IN 2013. HOWARD COUNTY BENCH MARK NO. 5

	NORTHING	EASTING	ELEV.
35C2	HOW CO MON 563920.835	1344204.120	463.40
29A	HOW CO MON 568986.073	1343640.108	482.04

NOTE:

VERTICAL ELEVATIONS SHOWN ON THIS DRAWING ARE BASED ON THE NAVD83 CONTROL DATUM, WHICH INDICATES A FIRST FLOOR ELEVATION FOR THE EXISTING BUILDING OF 441'-0" (441.67'). VERTICAL ELEVATIONS SHOWN ON THE ARCHITECTURAL AND STRUCTURAL ENGINEERING DRAWINGS ARE BASED ON THE NGVD29 CONTROL DATUM, WHICH INDICATES A FIRST FLOOR ELEVATION FOR THE EXISTING BUILDING OF 442'-6" (442.5'). WHEN CORRELATING VERTICAL ELEVATIONS BETWEEN THE THIS AND OTHER DRAWINGS, THIS TEN INCH DIFFERENCE SHALL BE TAKEN INTO CONSIDERATION.



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15001
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J. MORRELL / A. BULCAVAGE / A. GLENN

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410-549-5774

CONSTRUCTION MANAGER
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410-335-3000

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. 031088 EXPIRATION DATE: 11/23/16

LEGEND

- EX. SANITARY MANHOLE
- EX. ELECTRIC MANHOLE
- EX. LIGHT POLE
- EX. WATER METER
- EX. SIGN
- EX. UTILITY POLE
- EX. BOLLARD
- EX. DECIDUOUS TREE
- EX. CONIFEROUS TREE
- EX. GAS VALVE
- EX. GUY WIRE
- EX. WATER VALVE
- EX. FIRE HYDRANT
- EX. CLEANOUT
- EX. STORM DRAIN
- EX. GAS LINE
- EX. SANITARY
- EX. ELECTRIC
- EX. TELEPHONE
- EX. WATER
- LOD - LIMIT OF DISTURBANCE
- LOW - LIMIT OF WORK
- APPROXIMATE LIMITS OF PROP. CONCRETE SIDEWALK
- APPROXIMATE LIMITS OF PROP. ASPHALT PAVEMENT

PURPOSE STATEMENT:

THE PURPOSE OF THIS REDLINE REVISION IS FOR RENOVATIONS TO THE INTERIOR OF THE EXISTING BUILDING. THE TOTAL AREA OF PERMANENT DISTURBANCE IS 3,654 SF. THE ENTIRE AREA IS TREATED FOR STORMWATER MANAGEMENT BY THE EXISTING REGIONAL STORMWATER FACILITY.

HOWARD COMMUNITY COLLEGE
NURSE EDUCATION FACILITY
COLUMBIA, MD

PARCEL 47, TAX MAP 36, GRID: 6
ELECTION DISTRICT: 5, ELECTIONS FOR R & T

REVISIONS:

NO.	DATE:	COMMENTS:

SHEET NAME: **REVISED SITE PLAN**

SHEET NO. **C2.00**

DATE: 11/23/2016

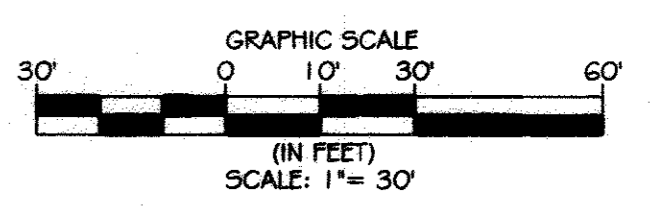
APPROVED: Howard County Department of Planning & Zoning

Wade J. J. [Signature] 2-24-17
Director

Kurt [Signature] 2-21-17
Chief, Division of Land Development

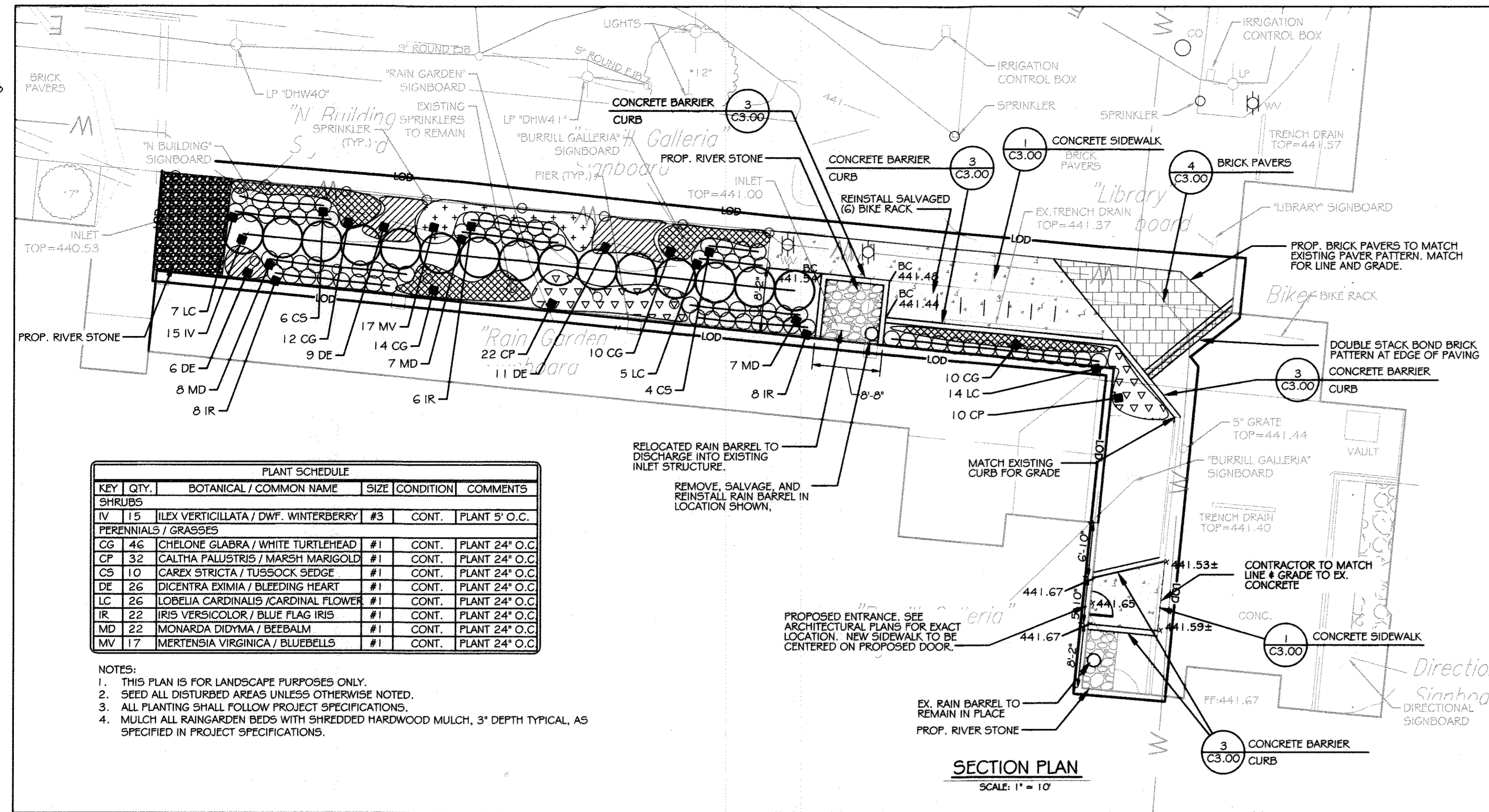
Chad [Signature] 2-10-17
Chief, Development Engineering Division

OVERALL SITE PLAN
SCALE: 1" = 30'



CONTRACTOR NOTE:

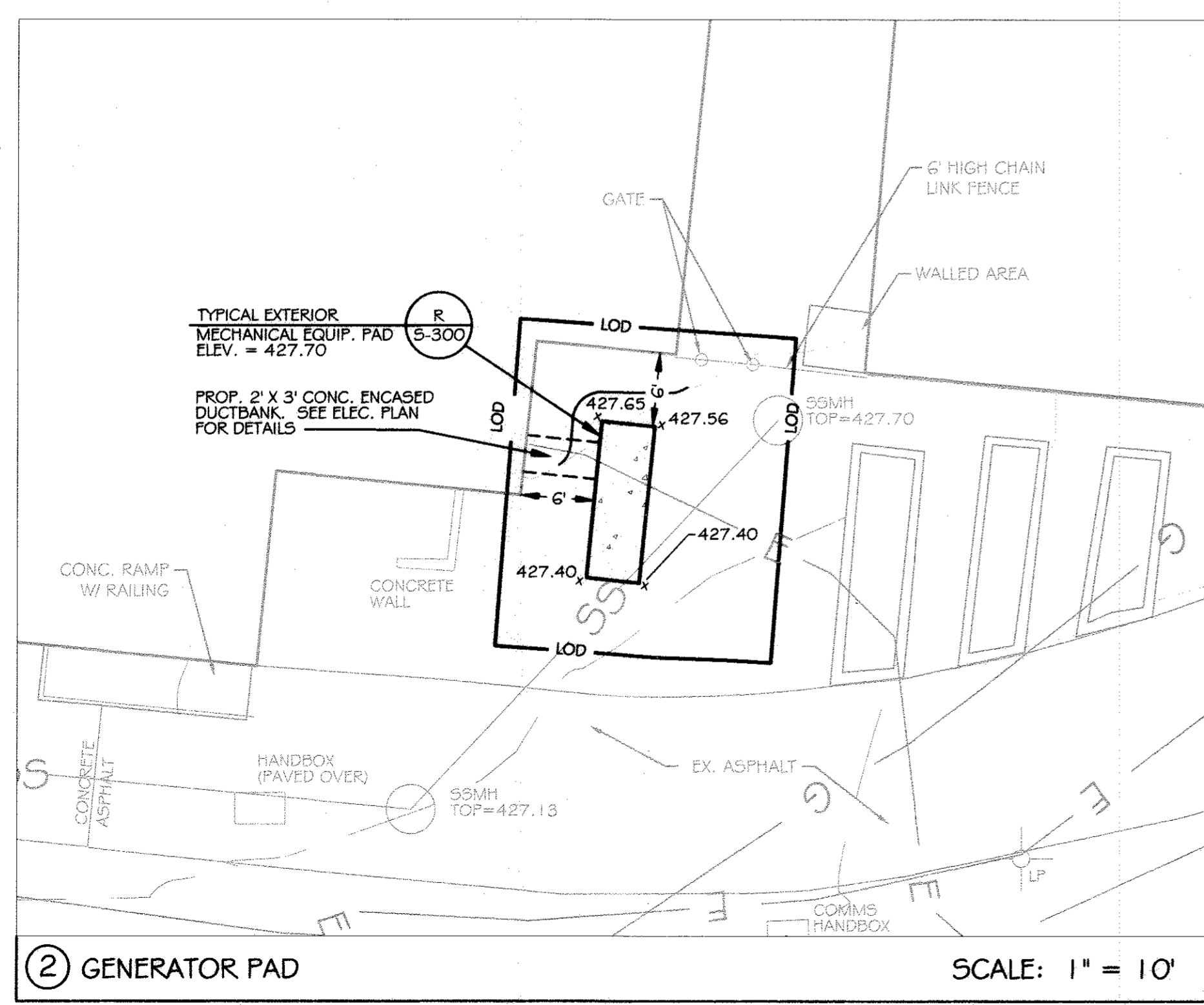
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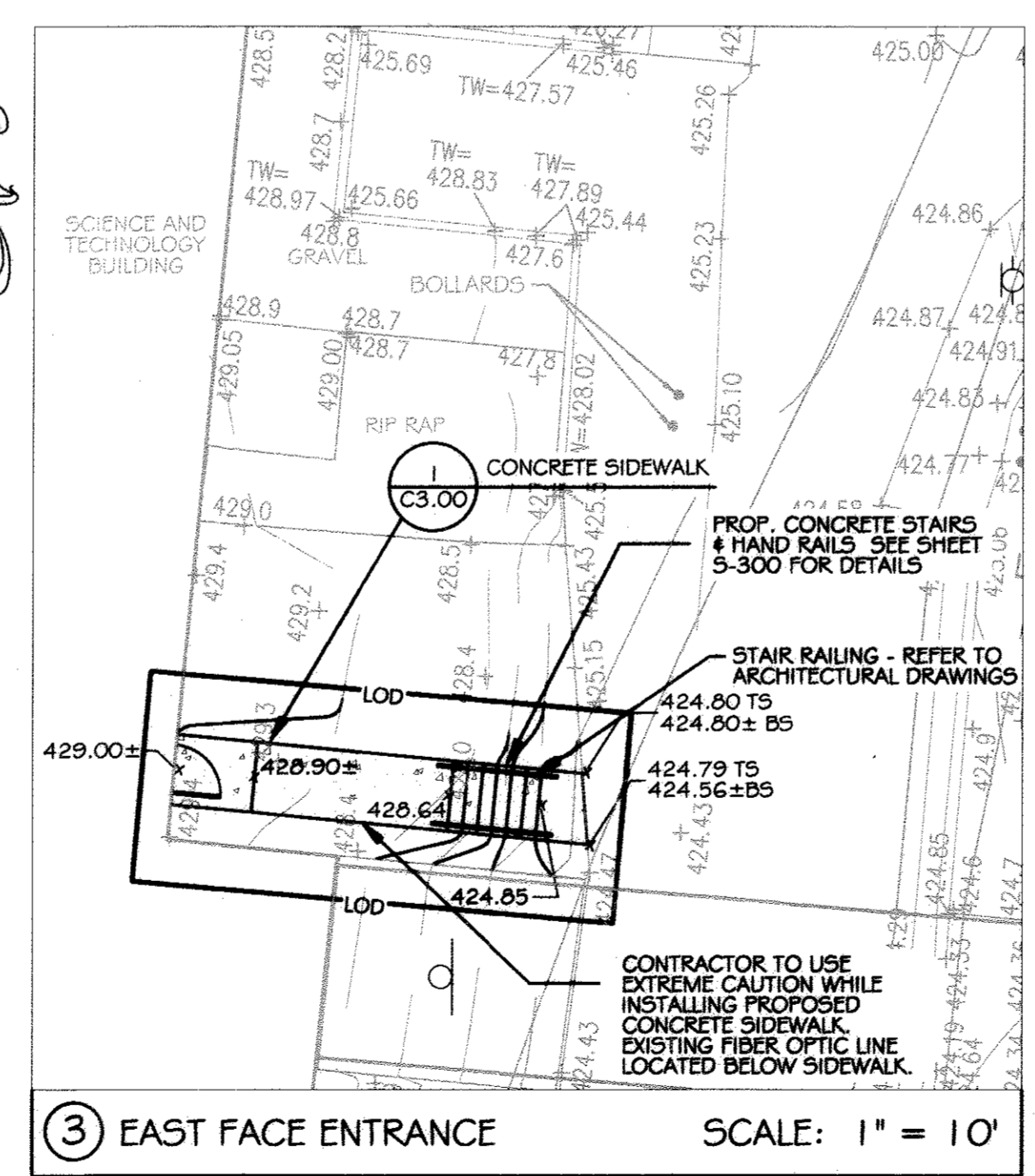
KEY	QTY.	BOTANICAL / COMMON NAME	SIZE	CONDITION	COMMENTS
SHRUBS					
IV	15	ILEX VERTICILLATA / DW. WINTERBERRY	#3	CONT.	PLANT 5' O.C.
PERENNIALS / GRASSES					
CG	46	CHELONE GLABRA / WHITE TURTLEHEAD	#1	CONT.	PLANT 24" O.C.
CP	32	CALTHA PALUSTRIS / MARSH MARIGOLD	#1	CONT.	PLANT 24" O.C.
CS	10	CAREX STRICTA / TUSSOCK SEDGE	#1	CONT.	PLANT 24" O.C.
DE	26	DICENTRA EXIMIA / BLEEDING HEART	#1	CONT.	PLANT 24" O.C.
LC	26	LOBELIA CARDINALIS / CARDINAL FLOWER	#1	CONT.	PLANT 24" O.C.
IR	22	IRIS VERSICOLOR / BLUE FLAG IRIS	#1	CONT.	PLANT 24" O.C.
MD	22	MONARDA DIDYMA / BEEBALM	#1	CONT.	PLANT 24" O.C.
MV	17	MERTENSIA VIRGINICA / BLUEBELLS	#1	CONT.	PLANT 24" O.C.

- NOTES:
- THIS PLAN IS FOR LANDSCAPE PURPOSES ONLY.
 - SEED ALL DISTURBED AREAS UNLESS OTHERWISE NOTED.
 - ALL PLANTING SHALL FOLLOW PROJECT SPECIFICATIONS.
 - MULCH ALL RAINGARDEN BEDS WITH SHREDDED HARDWOOD MULCH, 3" DEPTH TYPICAL, AS SPECIFIED IN PROJECT SPECIFICATIONS.

① NORTH BUILDING FACE SCALE: 1" = 10'



② GENERATOR PAD SCALE: 1" = 10'

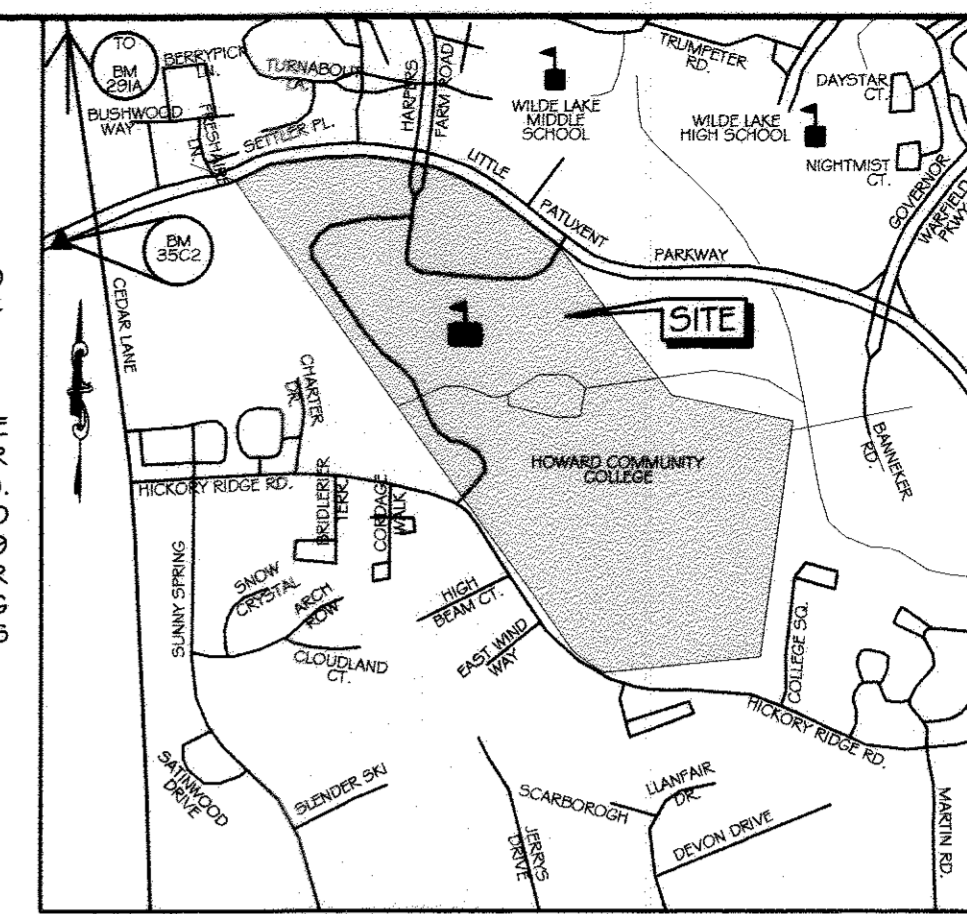


③ EAST FACE ENTRANCE SCALE: 1" = 10'

BENCHMARK DATA

HORIZONTAL NAD83/91 AND VERTICAL (NAVD83) CONTROL BASED ON GPS OBSERVATIONS IN 2013. HOWARD COUNTY BENCH MARK NO. 5

	NORTHING	EASTING	ELEV.
35C2	HOW CO MON 563920.835	1344204.120	463.40
29IA	HOW CO MON 568966.073	1343640.108	482.04



VICINITY MAP SCALE 1" = 100' ADC MAP: 15 GRID: D6

NOTE:
VERTICAL ELEVATIONS SHOWN ON THIS DRAWING ARE BASED ON THE NAVD83 CONTROL DATUM, WHICH INDICATES A FIRST FLOOR ELEVATION FOR THE EXISTING BUILDING OF 441'-8" (441.67'). VERTICAL ELEVATIONS SHOWN ON THE ARCHITECTURAL AND STRUCTURAL ENGINEERING DRAWINGS ARE BASED ON THE NGVD29 CONTROL DATUM, WHICH INDICATES A FIRST FLOOR ELEVATION FOR THE EXISTING BUILDING OF 442'-6" (442.5'). WHEN CORRELATING VERTICAL ELEVATIONS BETWEEN THIS AND OTHER DRAWINGS, THIS TEN INCH DIFFERENCE SHALL BE TAKEN INTO CONSIDERATION.

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY.
- THE CONTRACTOR SHALL NOTIFY 'MISS UTILITY' (800-257-7777) AT LEAST FIVE (5) WORKING DAYS PRIOR TO STARTING ANY WORK.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/ BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- TOPOGRAPHIC INFORMATION SHOWN IS BASED UPON FIELD RUN SURVEY WITH MAX. 2' CONTOUR INTERVALS CONDUCTED BY KCI TECHNOLOGIES, INC. IN MARCH 2016 AND AERIAL TOPO FROM VIRGINIA RESOURCE MAPPING IN APRIL 2009.
- CONTRACTOR SHALL ENSURE THAT ALL MATERIALS REMOVED FROM DEMOLISHED STRUCTURES ARE LEGALLY DISPOSED OF OFF-SITE.
- SEE DEMOLITION PLAN FOR APPROXIMATE LIMITS OF SIDEWALK AND PAVING REMOVAL.
- EXISTING UTILITIES ARE BASED ON FIELD RUN TOPO PERFORMED BY KCI TECHNOLOGIES, INC. MARCH 2016 AND EXISTING SITE DEVELOPMENT PLANS OBTAINED FROM HOWARD COUNTY.
- IT SHALL BE DISTINCTLY UNDERSTOOD THAT FAILURE TO MENTION SPECIFICALLY ANY WORK WHICH WOULD NORMALLY BE REQUIRED TO COMPLETE THIS PROJECT SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO COMPLETE SUCH WORK.
- SEE ARCHITECTURAL PLANS FOR ADDITIONAL BUILDING INFORMATION.
- SEE MECHANICAL/ELECTRICAL/PLUMBING PLANS FOR ADDITIONAL MECHANICAL/ELECTRICAL/PLUMBING DEMOLITION AND CONSTRUCTION INFORMATION.
- ALL PLAN DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL ADJUST TOP OF CURB GRADES AS NECESSARY TO PROVIDE SMOOTH TRANSITION TO EXISTING.
- SAW CUT EXISTING PAVEMENT AS NEEDED TO INSTALL NEW CONSTRUCTION.
- 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.
- THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM BUILDING STRUCTURES AT ALL TIMES.
- CONTRACTOR SHALL COORDINATE ALL DISCONNECTIONS AND REMOVAL OF EXISTING GAS, ELECTRIC AND TELEPHONE SERVICES AND EQUIPMENT WITH BALTIMORE GAS & ELECTRIC AND VERIZON.
- CONTRACTOR SHALL INSTALL SEDIMENT CONTROLS PRIOR TO BEGINNING ANY WORK AND MAINTAIN SEDIMENT CONTROLS THROUGHOUT THE ENTIRE DURATION OF DEMOLITION AND CONSTRUCTION ACTIVITIES.
- SHOULD THE CONTRACTOR DISCOVER DISCREPANCIES BETWEEN THE PLANS AND FIELD CONDITIONS, THE A/E SHALL BE NOTIFIED IMMEDIATELY TO RESOLVE THE SITUATION. SHOULD THE CONTRACTOR MAKE FIELD CORRECTIONS OR ADJUSTMENTS WITHOUT NOTIFYING THE ENGINEER, THE CONTRACTOR ASSUMES ALL RESPONSIBILITY FOR THOSE CHANGES.

LEGEND

- EX. SANITARY MANHOLE
- EX. ELECTRIC MANHOLE
- EX. LIGHT POLE
- EX. WATER METER
- EX. SIGN
- EX. UTILITY POLE
- EX. DECIDUOUS TREE
- EX. CONIFEROUS TREE
- EX. GAS VALVE
- EX. GUY WIRE
- EX. WATER VALVE
- EX. FIRE HYDRANT
- EX. CLEANOUT
- EX. STORM DRAIN
- EX. GAS LINE
- EX. SANITARY
- EX. ELECTRIC
- EX. TELEPHONE
- EX. WATER
- LOD LIMIT OF DISTURBANCE
- LOW LIMIT OF WORK
- APPROXIMATE LIMITS OF PROP. CONCRETE

MCA ASSOCIATES
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SLAM
The SLAM Collaborative
400015

PROJECT MANAGER: J. MORRELL
PROJECT DESIGNERS: A. BULCAGE / A. GLENN

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LEACH WALLACE ASSOCIATES
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PLUMBING & FIRE PROTECTION ENGINEER
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410-549-5774

CONSTRUCTION MANAGER
J. VINTON SCHAEFER & SONS, INC.
410-335-3000

STATE OF MARYLAND
Professional Engineer
J. Vinton Schaefer & Sons, Inc.
11-23-16

PROFESSIONAL CERTIFICATION I 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. 31089 EXPIRATION DATE: 11/21/18

**HOWARD COMMUNITY COLLEGE
NURSE EDUCATION FACILITY
COLUMBIA, MD**

PARCEL 47, TAX MAP 35, GRID: 6
COUNTY DISTRICT # 15-04808
ELECTION DISTRICT: 9 SOURCE: FOR & NT

REVISIONS:

NO.	DATE:	COMMENTS:

SHEET SET AND SHEET ISSUE DATE: 11/23/2016
SHEET NAME: DETAILED SITE PLAN
SHEET NO: C2.01

CONTRACTOR NOTE:
CONTRACTOR SHALL EXERCISE EXTREME CAUTION SO AS NOT TO DAMAGE ANY EXISTING PAVING UTILITIES, CURBS & GUTTER, SIDEWALK OR OTHER SITE FEATURES WHICH ARE TO REMAIN. SHOULD DAMAGE OCCUR, CONTRACTOR SHALL REPAIR TO ORIGINAL CONDITION AT CONTRACTOR'S EXPENSE.

SDP SHEET 14 OF 19 SDP 75-032

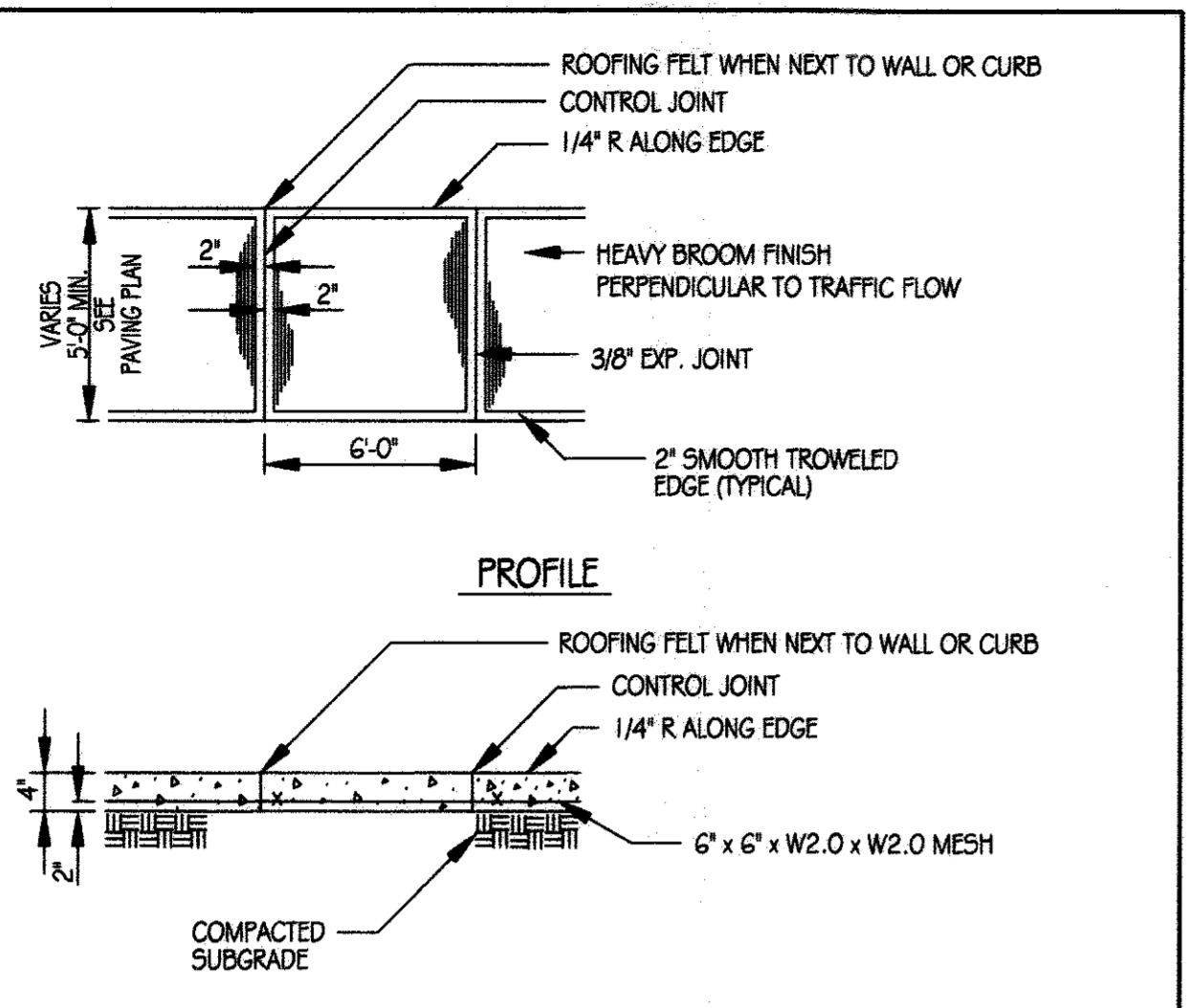
APPROVED: Howard County Department of Planning & Zoning

[Signature] 2-24-17
Director

[Signature] 2-21-17
Chief, Division of Land Development

[Signature] 2-10-17
Chief, Development Engineering Division

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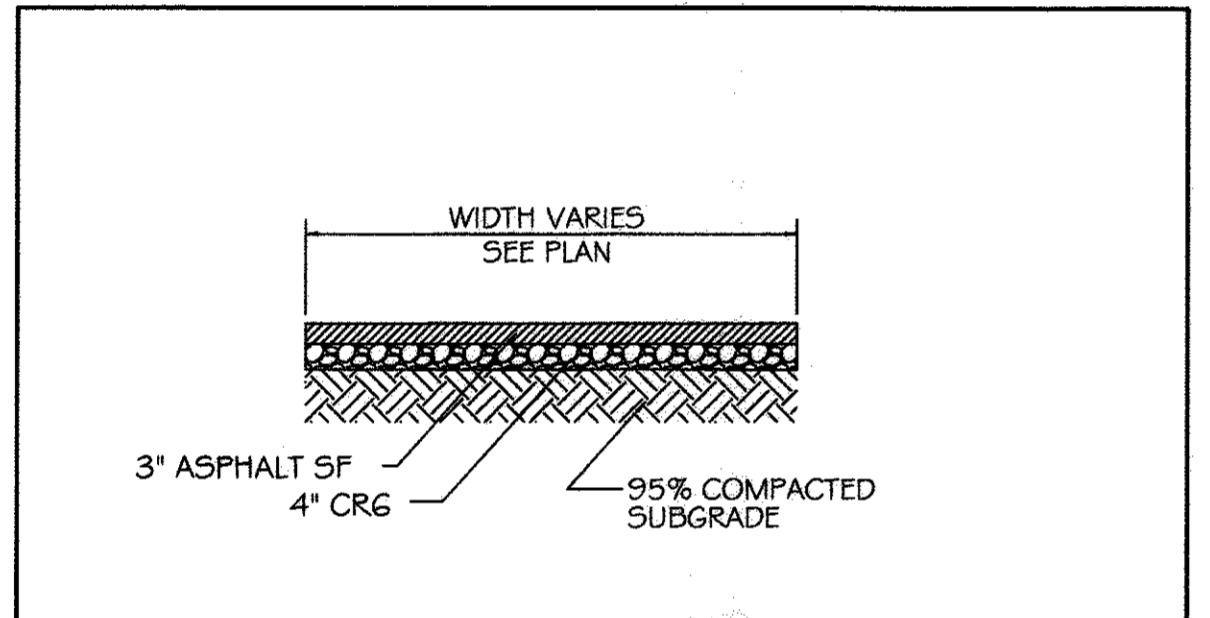


NOTE: PROVIDE 2% CROSS-SLOPE FOR POSITIVE DRAINAGE AS REQUIRED

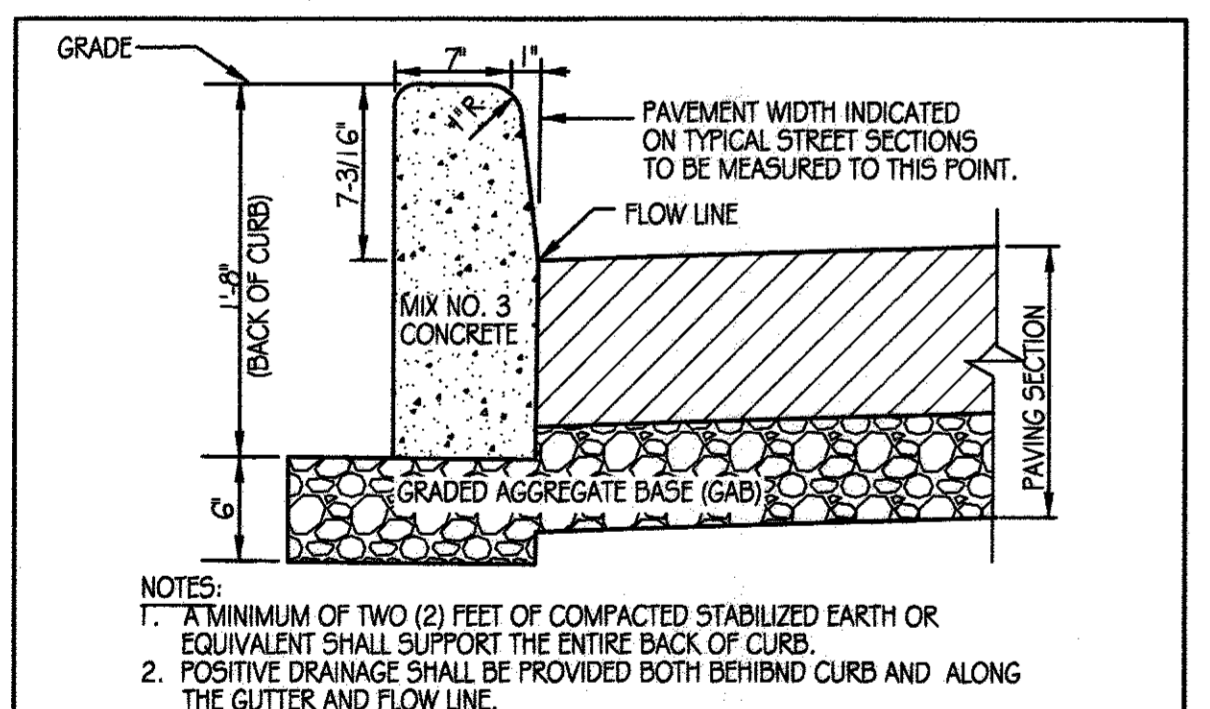
1. PROVIDE EXPANSION JOINTS 20' C.C. MAX. AND SCORE JOINTS 5' C.C. (UNLESS OTHERWISE NOTED). EXPANSION JOINTS SHALL BE ZIP STRIP CONTROL JOINTS MANUFACTURED BY SUPERIOR FEATHERWEIGHT TOOLS (OR APPROVED EQUIVALENT) WITH 1/2" PREMOULDED BITUMINOUS JOINT MATERIAL. ALL CONTROL JOINTS SHALL BE SEALED WITH A POLYURETHANE SEALANT.

2. WHEN SIDEWALK ABUTS CURB, SIDEWALK SHALL BE 1/4" ABOVE CURB WITH ROOFING FELT SATURATED ON BOTH SIDES WITH ASPHALTIC MATERIAL BETWEEN THEM. ROOFING PAPER SHALL NOT WEIGH LESS THAN 39.6 LBS. PER 5.F.

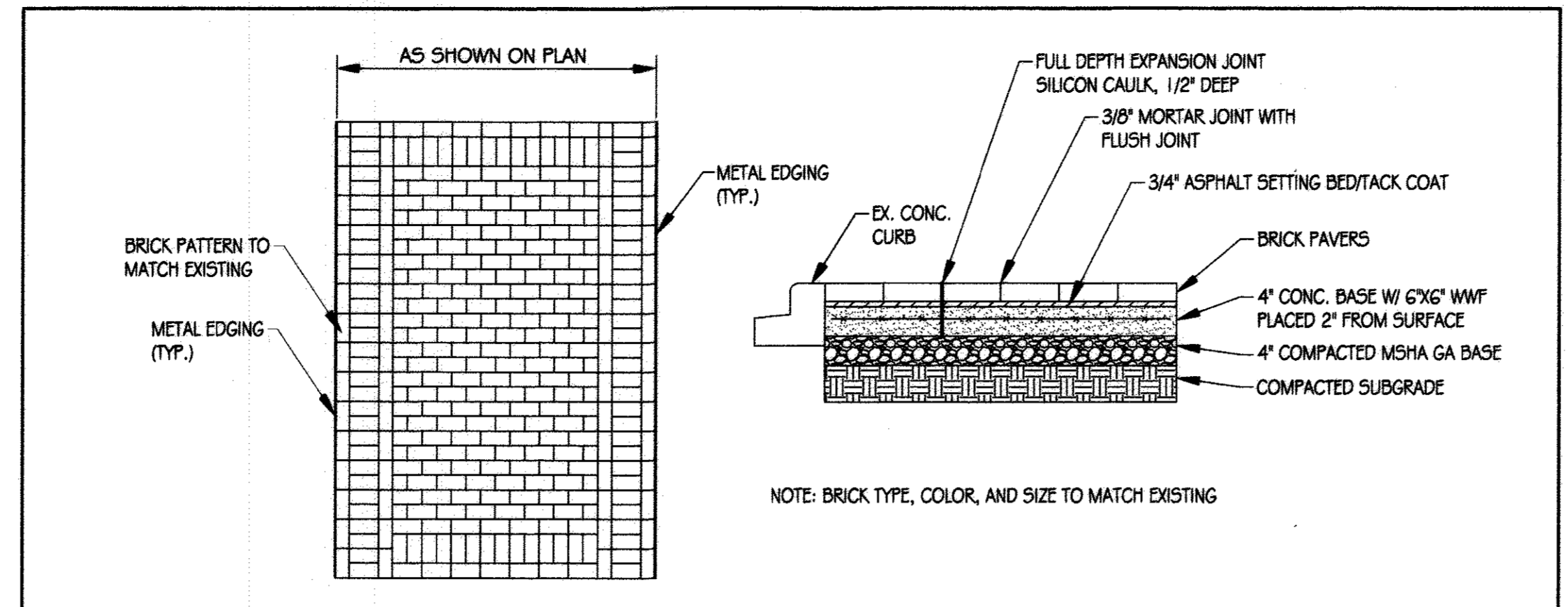
① CONCRETE SIDEWALK SCALE: N.T.S.



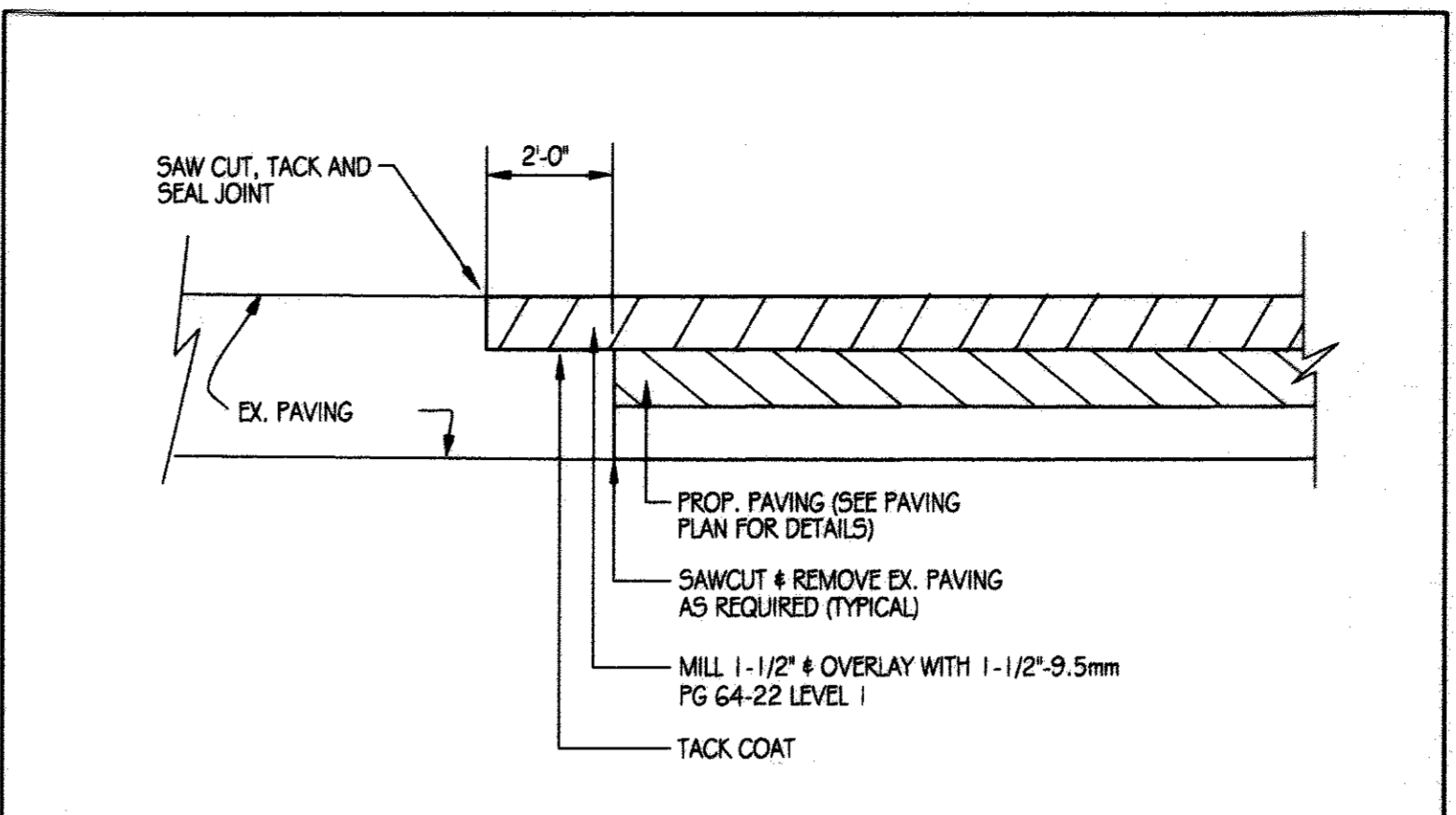
② ASPHALT PATHWAY SCALE: N.T.S.



③ CONCRETE BARRIER CURB SCALE: N.T.S.



④ TYPICAL BRICK SIDEWALK SCALE: N.T.S.



⑥ PAVING TIE-IN DETAIL SCALE: N.T.S.

APPROVED: Howard County Department of Planning & Zoning

[Signature] 2-24-17
Director Date

[Signature] 2-24-17
Chief, Division of Land Development Date

[Signature] 2-10-17
Chief, Development Engineering Division Date

CONTRACTOR NOTE:
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SLAM

MCA JOB NO. 15001
PROJECT MANAGER: J. MORRELL
PROJECT DESIGNERS: A. BULCAVAGE / A. GLENN

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CONSTRUCTION MANAGER
J. VINTON SCHAFER & SONS, INC.
410-335-3000

STATE OF MARYLAND
RICHARD B. GIBSON
PROFESSIONAL ENGINEER
No. 051089
11-23-12

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. 31089 EXPIRATION DATE: 11/21/18

HOWARD COMMUNITY COLLEGE
NURSE EDUCATION FACILITY
COLUMBIA, MD

PARCEL 47, TAX MAP 35, GRID 6
TAX ACCOUNT # 75-048885
ELECTION DISTRICT 5 ZONING: POR & NT

HOWARD COMMUNITY COLLEGE
You Can Get There From Here.

REVISIONS:

NO.	DATE	COMMENTS

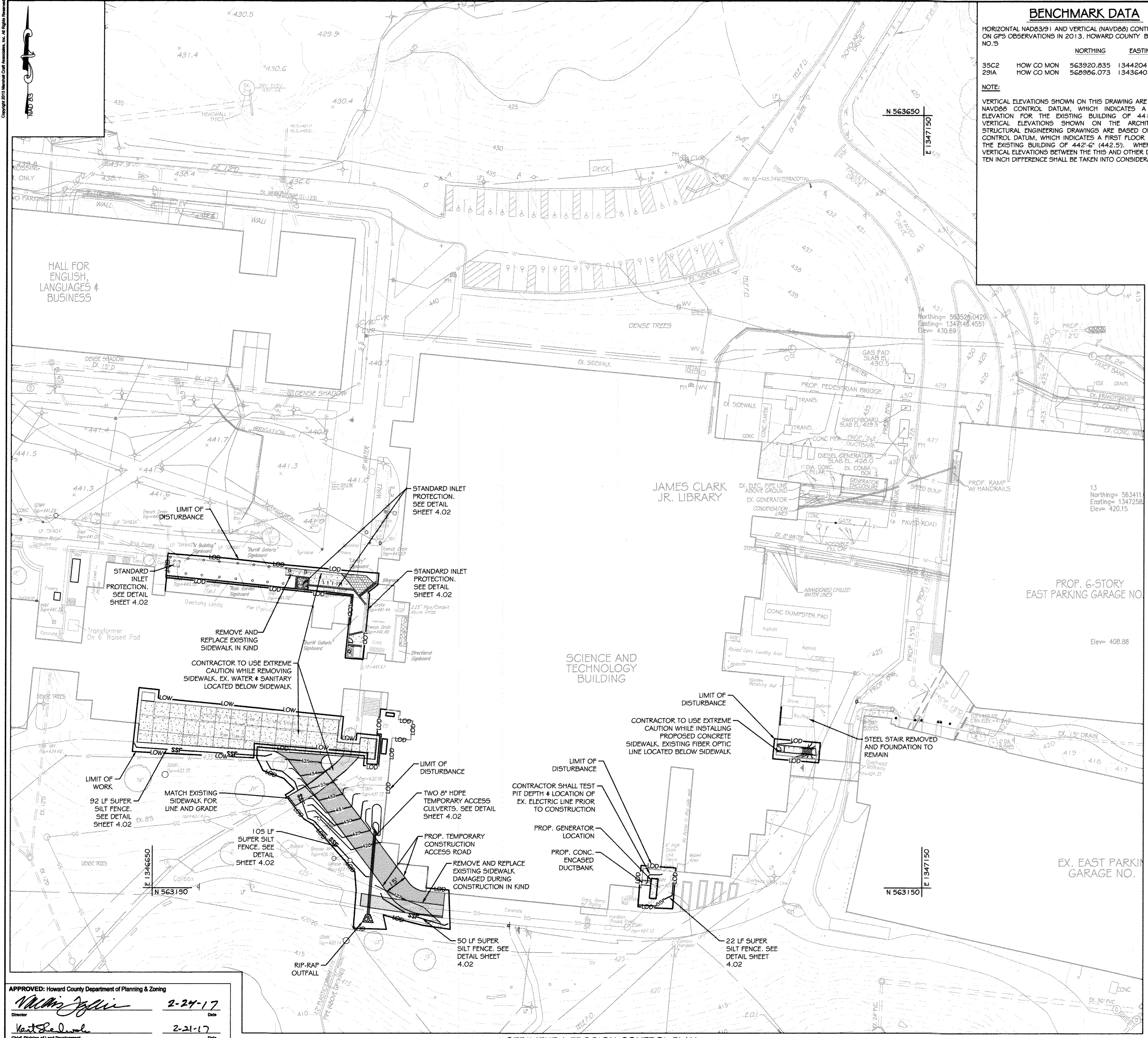
SHEET SET AND SHEET ISSUE DATE: 11/23/2016
SDP

SHEET NAME: SITE DETAILS

SHEET NO. C3.00

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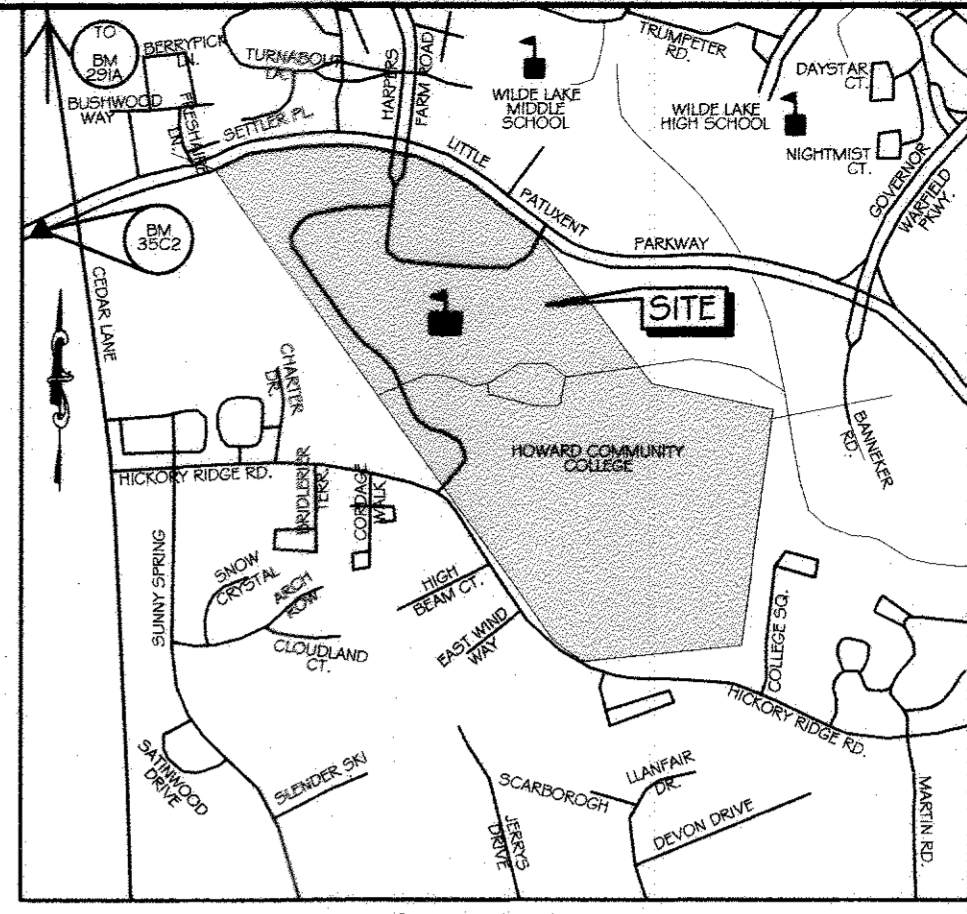


BENCHMARK DATA

HORIZONTAL NAD83(91) AND VERTICAL (NAVD83) CONTROL BASED ON GPS OBSERVATIONS IN 2013. HOWARD COUNTY BENCH MARK NO. 5

	NORTHING	EASTING	ELEV.
35C2	563920.835	1344204.120	463.40
291A	568986.073	1343640.108	482.04

NOTE:
VERTICAL ELEVATIONS SHOWN ON THIS DRAWING ARE BASED ON THE NAVD83 CONTROL DATUM, WHICH INDICATES A FIRST FLOOR ELEVATION FOR THE EXISTING BUILDING OF 441'-8" (441.67'). VERTICAL ELEVATIONS SHOWN ON THE ARCHITECTURAL AND STRUCTURAL ENGINEERING DRAWINGS ARE BASED ON THE NGVD29 CONTROL DATUM, WHICH INDICATES A FIRST FLOOR ELEVATION FOR THE EXISTING BUILDING OF 442'-6" (442.5'). WHEN CORRELATING THESE DIFFERENCES BETWEEN THIS AND OTHER DRAWINGS, THIS TEN INCH VARIATION SHALL BE TAKEN INTO CONSIDERATION.



VICINITY MAP

SCALE 1" = 1000'
ADC MAP: 15 GRID: DG

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 6112 York Road, Baltimore, Maryland 21212-2011
 410.532.3211 Fax: 410.532.2006

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 THE SLAM COLLECTION
 4838315

MCA JOB NO. 15001
 PROJECT MANAGER: PROJECT DESIGNER:
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LEACH WALLACE ASSOCIATES
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PLUMBING & FIRE PROTECTION ENGINEER
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 301-540-9060

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ARIA ENVIRONMENTAL
 410-549-5774

CONSTRUCTION MANAGER
J. VINTON SCHAFFER & SONS, INC.
 410-335-3000

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. 31089 EXPIRATION DATE: 11/21/18

11-23-17

LEGEND

	EX. SANITARY MANHOLE
	EX. ELECTRIC MANHOLE
	EX. LIGHT POLE
	EX. WATER METER
	EX. SIGN
	EX. UTILITY POLE
	EX. BOLLARD
	EX. DECIDUOUS TREE
	EX. CONIFEROUS TREE
	EX. GAS VALVE
	EX. GUY WIRE
	EX. WATER VALVE
	EX. FIRE HYDRANT
	EX. CLEANOUT
	EX. STORM DRAIN
	EX. GAS LINE
	EX. SANITARY
	EX. ELECTRIC
	EX. TELEPHONE
	EX. WATER
	LOD - LIMIT OF DISTURBANCE
	LOW - LIMIT OF WORK
	SSF - SUPER SILT FENCE
	STANDARD INLET PROTECTION
	APPROXIMATE LIMITS OF PROP. CONCRETE SIDEWALK
	APPROXIMATE LIMITS OF PROP. TEMPORARY ACCESS ROAD
	APPROXIMATE LIMITS OF PROP. SIDEWALK REMOVAL & REPLACEMENT

**HOWARD COMMUNITY COLLEGE
 NURSE EDUCATION FACILITY**
 COLUMBIA, MD

PARCEL: 47, TAX MAP: 35, GRID: 6
 TAX ACCOUNT #: 15-045888
 ELECTION DISTRICT: 5 ZONING: POR & NT

HOWARD COMMUNITY COLLEGE
 You Can Get There From Here.

REVISIONS:

NO.	DATE	COMMENTS

SHEET SET AND SHEET ISSUE DATE: 11/23/2016
 SDP SHEET NAME: **SEDIMENT & EROSION CONTROL PLAN**

SHEET NO. **C4.00**

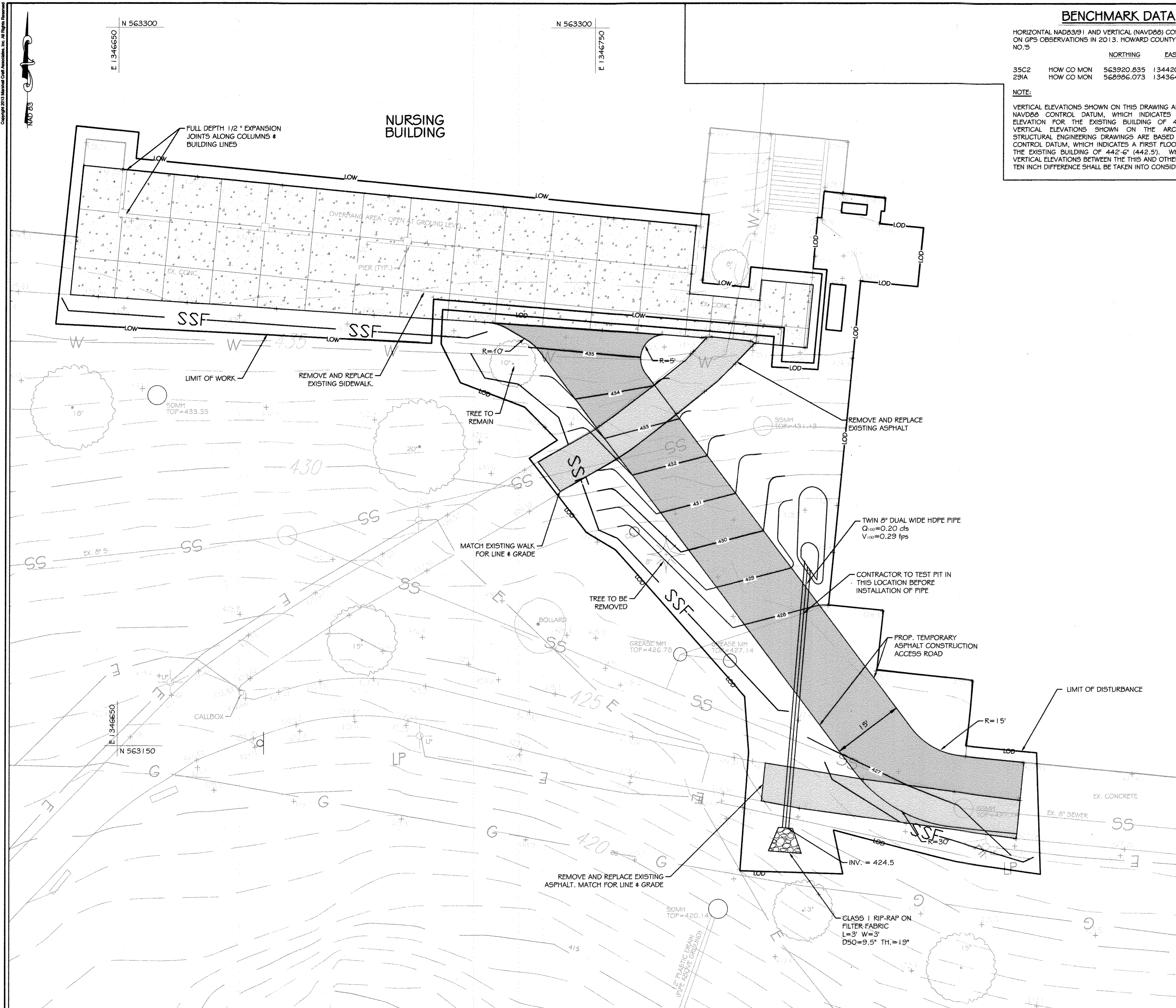
SDP SHEET 16 OF 19 SDP 75-032

APPROVED: Howard County Department of Planning & Zoning

	2-24-17	Date
	2-21-17	Date
	2-10-17	Date

SEDIMENT & EROSION CONTROL PLAN
 SCALE: 1" = 30'

C:\dms\pwise\richard.butts\dms52395\SDP-75-32 C-17.dwg, DETAILED SITE PLAN 1 (2), 12/5/2016 7:24:17 PM



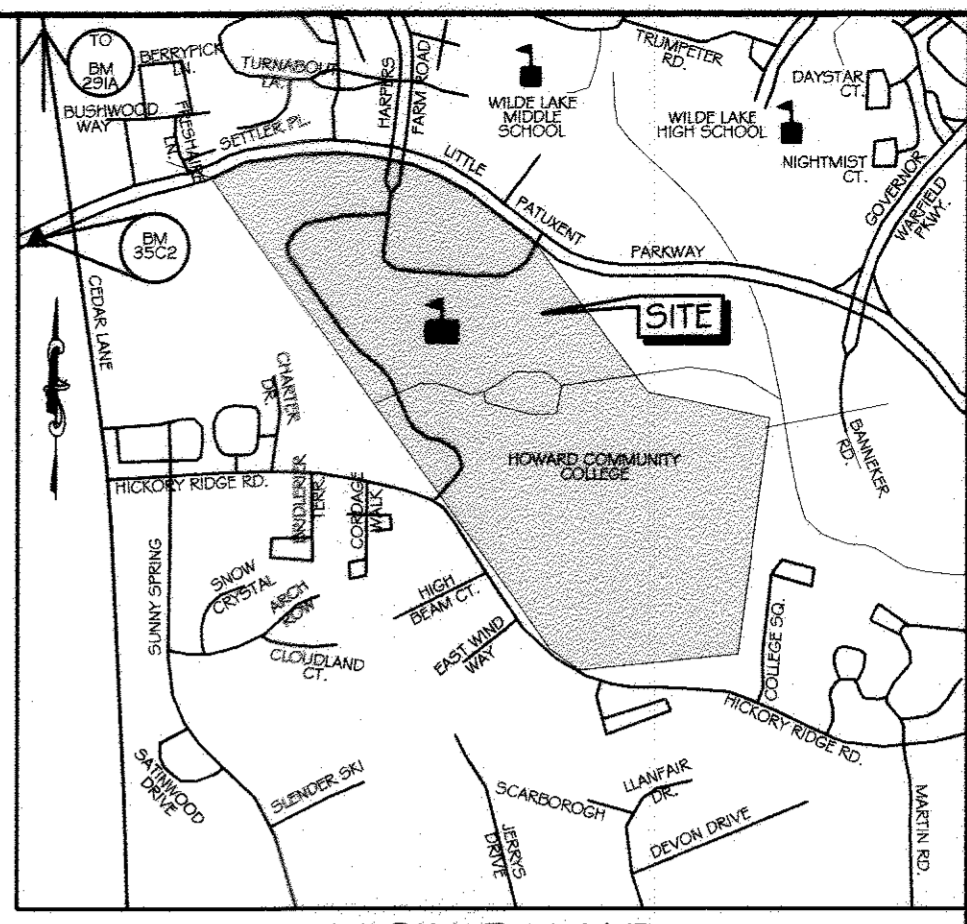
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35C2	HOW CO MON	563920.835	1344204.120	463.40
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VICINITY MAP
SCALE: 1" = 1000'
ADC MAP: 15 GRID: D6

LEGEND

- EX. SANITARY MANHOLE
- EX. ELECTRIC MANHOLE
- EX. LIGHT POLE
- EX. WATER METER
- EX. SIGN
- EX. UTILITY POLE
- EX. BOLLARD
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- EX. TELEPHONE
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- LOD — LIMIT OF DISTURBANCE
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- APPROXIMATE LIMITS OF PROP. CONCRETE SIDEWALK
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- APPROXIMATE LIMITS OF PROP. SIDEWALK REMOVAL & REPLACEMENT

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410-535-3000

STATE OF MARYLAND
PROFESSIONAL ENGINEER
11-23-16

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. 31089 EXPIRATION DATE: 11/21/18

**HOWARD COMMUNITY COLLEGE
NURSE EDUCATION FACILITY**
COLUMBIA, MD

PARCEL: 47, TAX MAP: 35, GRID: 6
TAX ACCOUNT #: 15-046888
ELECTION DISTRICT: 5 ZONING: POR & NT

HOWARD COMMUNITY COLLEGE
You Can Get There From Here.

REVISIONS:

NO.	DATE	COMMENTS

SHEET SET AND SHEET ISSUE DATE: SDP 11/23/2016
SHEET NAME: EROSION & SEDIMENT CONTROL INTERIM CONDITIONS PLAN
SHEET NO. C4.01

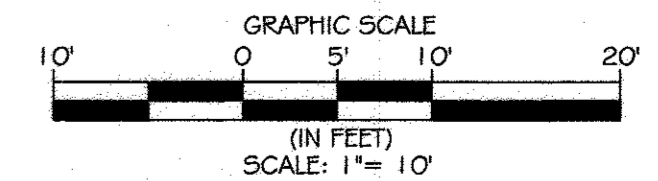
APPROVED: Howard County Department of Planning & Zoning

Valerie J. Kelly 2-24-17
Director

Kevin L. Decker 2-21-17
Chief, Division of Land Development

Chad E. Smith 2-10-17
Chief, Development Engineering Division

SECTION PLAN
SCALE: 1" = 10'



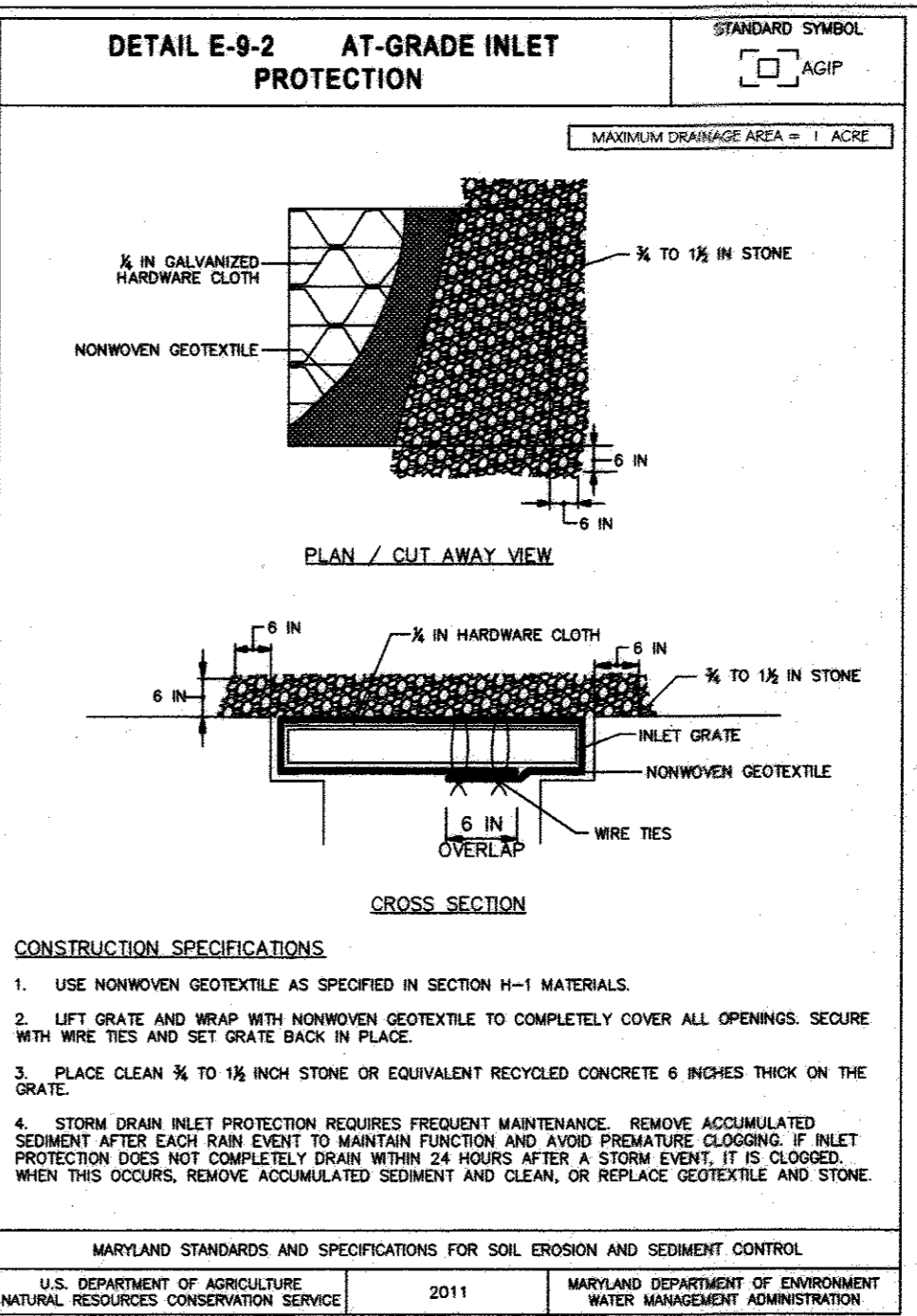
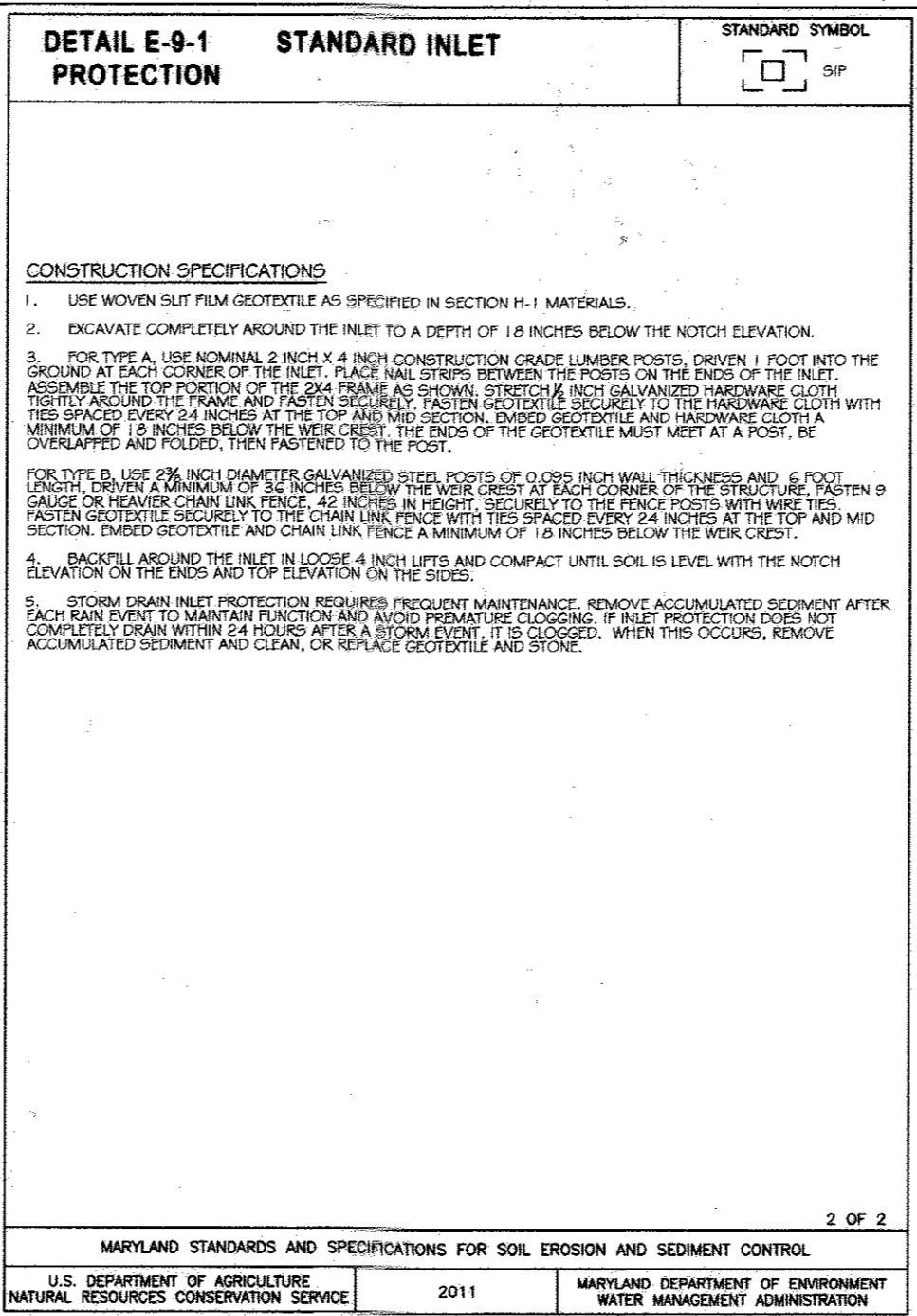
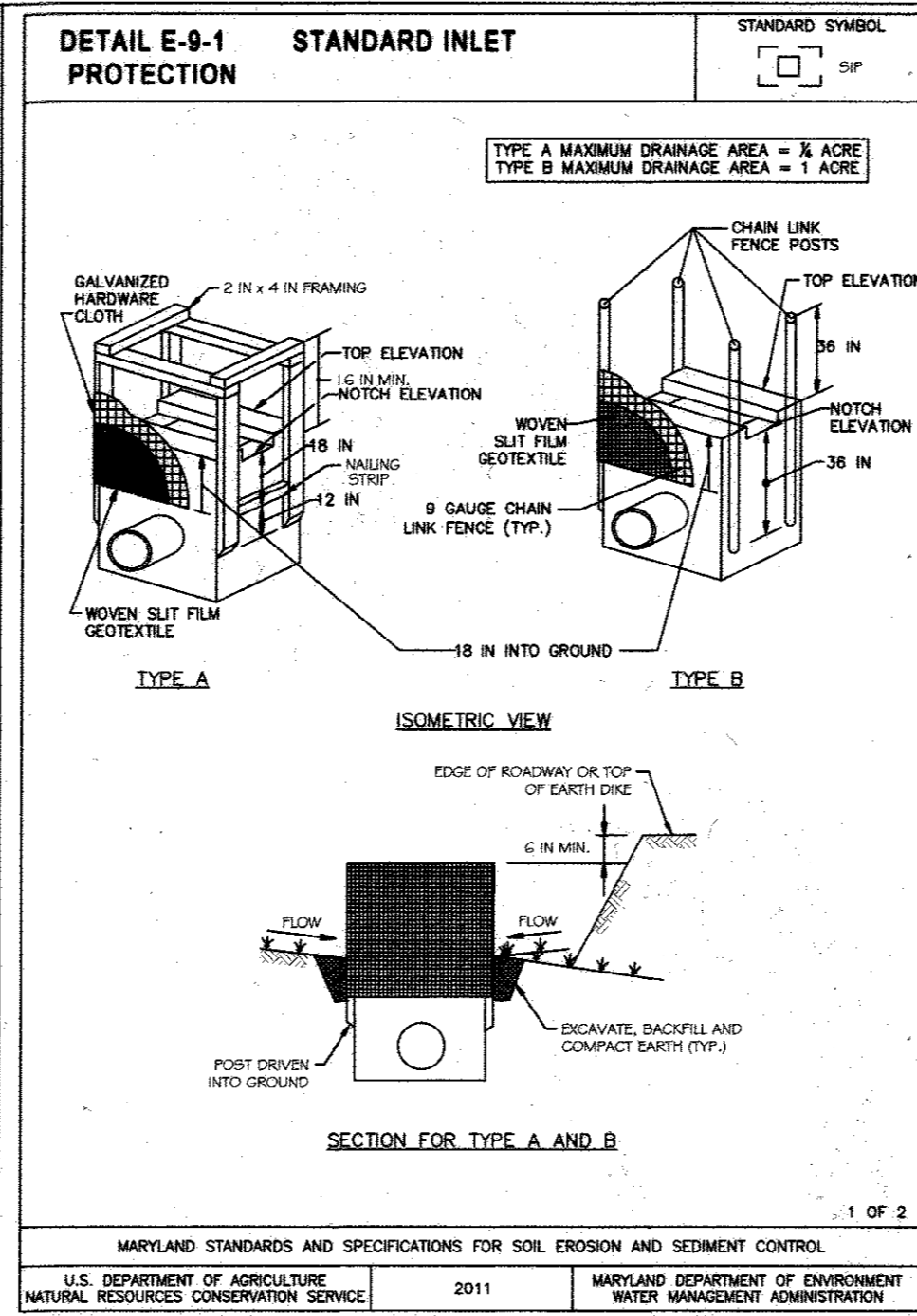
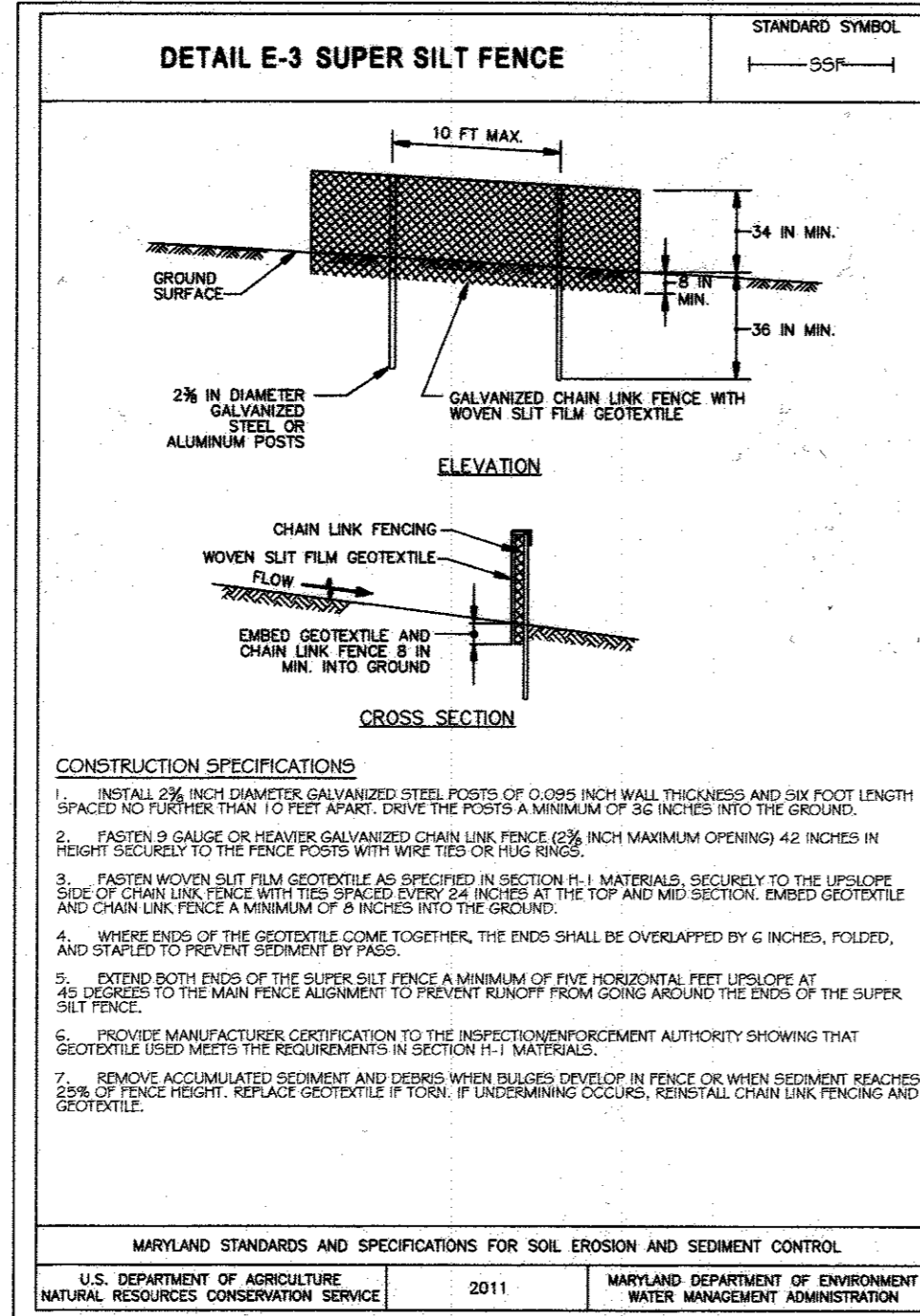
CONTRACTOR NOTE:
CONTRACTOR SHALL EXERCISE EXTREME CAUTION SO AS NOT TO DAMAGE ANY EXISTING PAVING, UTILITIES, CURB & GUTTER, SIDEWALK OR OTHER SITE FEATURES WHICH ARE TO REMAIN. SHOULD DAMAGE OCCUR, CONTRACTOR SHALL REPAIR TO ORIGINAL CONDITION AT CONTRACTOR'S EXPENSE.

**HOWARD SOIL CONSERVATION DISTRICT
STANDARD SEDIMENT CONTROL NOTES**

- A MINIMUM OF 48 HOURS MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTION, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION, (513-1850).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THERETO.
- FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETE WITHIN: A) 3 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1; B) 7 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS (SEC. B-4-5), TEMPORARY SEEDING (SEC. B-4-4) AND MULCHING (SEC. B-4-3). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SITE ANALYSIS:
TOTAL AREA OF SITE: 117.84 ACRES
AREA DISTURBED: 0.185 ACRES
SITE WITH APPROVED SED. CONTROL PLAN
OFFSITE WASTE AREA LOCATION
- ANY SEDIMENT CONTROL PRACTICE THAT IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THE INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
- TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACK FILLED AND STABILIZED BY THE END OF EACH WORKDAY, WHICHEVER IS SHORTER.
- ANY CHANGES OR REVISIONS TO THE SEQUENCE OF CONSTRUCTION MUST BE REVIEWED AND APPROVED BY THE PLAN APPROVAL AUTHORITY PRIOR TO PROCEEDING WITH CONSTRUCTION.
- A PROJECT IS TO BE SEQUENCED SO THAT GRADING ACTIVITIES BEGIN ON ONE GRADING UNIT (MAXIMUM ACREAGE OF 20 AC. PER GRADING UNIT) AT A TIME. WORK MAY PROCEED TO A SUBSEQUENT GRADING UNIT WHEN AT LEAST 50 PERCENT OF THE DISTURBED AREA IN THE PRECEDING GRADING UNIT HAS BEEN STABILIZED AND APPROVED BY THE ENFORCEMENT AUTHORITY. UNLESS OTHERWISE SPECIFIED AND APPROVED BY THE APPROVAL AUTHORITY, NO MORE THAN 30 ACRES CUMULATIVELY MAY BE DISTURBED AT A GIVEN TIME.

SEQUENCE OF CONSTRUCTION

- INSTALL THE PERIMETER SEDIMENT CONTROL DEVICES AND SUPER SILT FENCE AT LOCATIONS SHOWN ON SHEETS C4.00 & C4.01. MAKE SURE ALL NECESSARY SEDIMENT CONTROLS ARE IN PLACE PRIOR TO STRIPPING THE TOPSOIL.
- CONSTRUCT TEMPORARY ACCESS ROAD FOR VEHICULAR ACCESS TO THE NURSING BUILDING.
- AFTER CONSTRUCTION OF TEMPORARY ACCESS ROAD, ALLOW INTERIOR AND EXTERIOR RENOVATION WORK TO OCCUR ON SITE.
- AFTER INTERIOR AND EXTERIOR RENOVATIONS HAVE BEEN COMPLETED, INSTALL NEW RAIN GARDEN PLANTINGS ALONG FRONT ENTRANCE OF THE NURSING BUILDING.
- INSTALL NEW CONCRETE PAD FOR NEW GENERATOR.
- INSTALL NEW SIDEWALK LEADING TO NEW CONCRETE STAIRS ALONG JAMES CLARK JR. LIBRARY.
- REMOVE TEMPORARY ROAD, RESTORE GRADES TO PRE-CONSTRUCTION ELEVATIONS, SEED AND MULCH TO STABILIZE DISTURBED AREAS.
- REMOVE ANY REMAINING SEDIMENT CONTROL DEVICES AND STABILIZE ALL DISTURBED AREAS WITH TOPSOIL. SEED & MULCH ONCE PERMISSION HAS BEEN OBTAINED FROM INSPECTOR.



MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL	
U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	2011
MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION	

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4848315

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SEAL

11-23-16

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NURSE EDUCATION FACILITY**

COLUMBIA, MD

PARCEL 47, TAX MAP 35, GRID: 6
ELECTION DISTRICT: 5, ZONING: POR & NT

HOWARD COMMUNITY COLLEGE
You Can Get There From Here.

REVISIONS:

NO.	DATE	COMMENTS

SHEET SET AND SHEET ISSUE DATE: 11/23/2016
SDP SHEET NAME: SEDIMENT & EROSION CONTROL NOTES
SHEET NO. C4.03

APPROVED: Howard County Department of Planning & Zoning

Valerie Zylke 2-24-17
Director Date

Kent Seaman 2-21-17
Chief, Division of Land Development Date

Chris Edick 2-10-17
Chief, Development Engineering Division Date