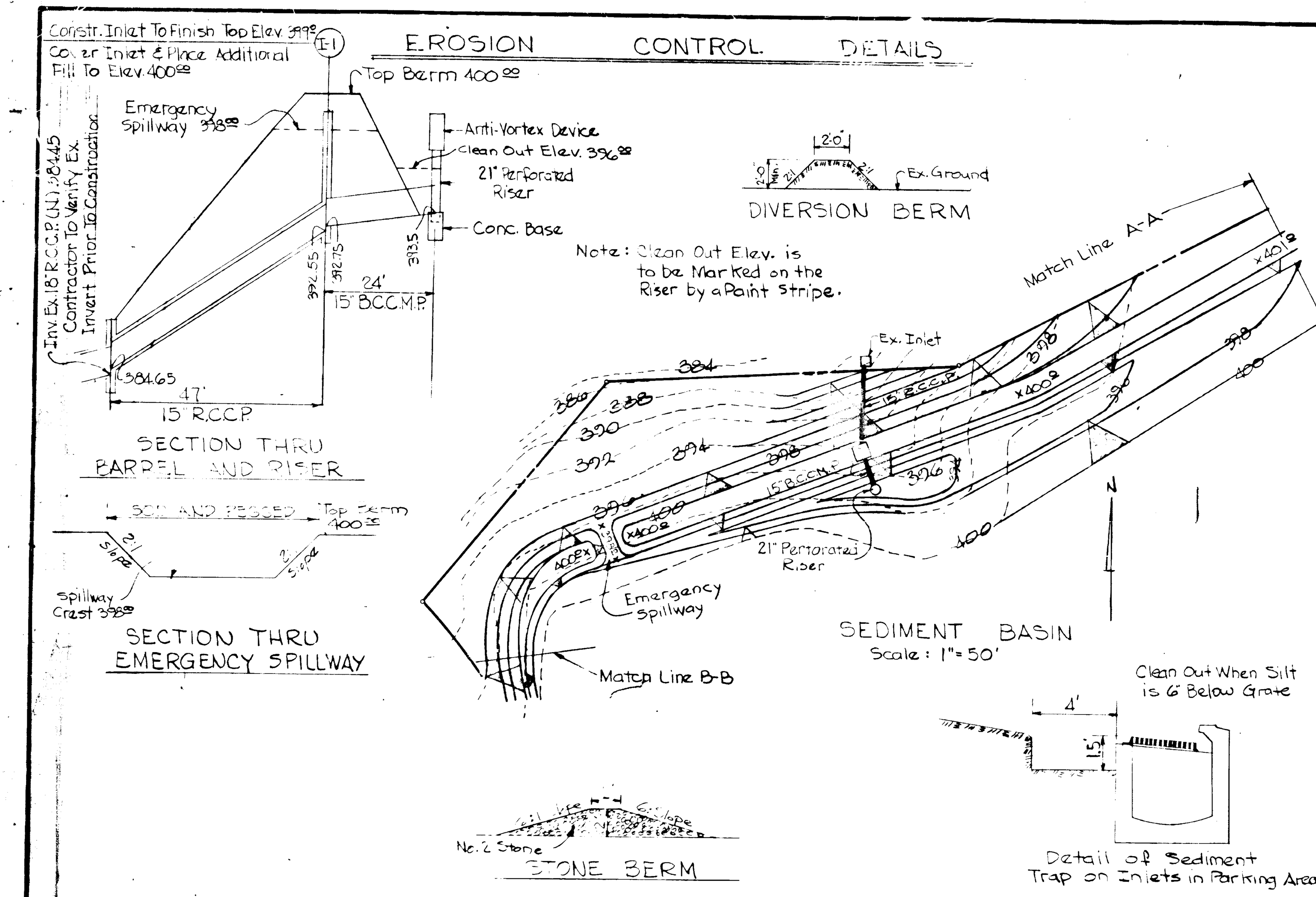
EROSION CONTROL DETAILS



EROSION CONTROL NOTES:

1. Berms & Sediment Basin to be Constructed Prior to any Onsite Grading or Disturbance of Exist. Surface Material, Except as Necessary To Constr. Said Erosion Control Measures.
2. All Sediment Control Structures to Remain in Place Until Permission For the Removal has Been Obtained From The Howard Soil Conservation District - 465-3180 or 465-5000 Ext. 291.
3. Minimum 24 Hour Notice Must be Given to the Howard Soil Conservation District 465-3180, Prior to Starting any Work.
4. All Berms Must be Machine Compacted.
5. All Diversion Berms Must Have Positive Grade Draining to a Stabilized Outlet.
6. Diverted Runoff Will Outlet Into Exist. Drainage System.
7. Periodic Inspection And Required Maintenance Must be Performed.
8. All Temporary Erosion Control Devices Shall be Constructed In Accordance With The Standards And Specifications For Soil Erosion & Sediment Control In Urbanizing Areas.
9. Temporary Erosion Control Measures are to be Stabilized Immediately After Construction Using a Seed Mixture of Italian Ryegrass at the Rate of 35#/Ac., Ground Limestone to be Applied at the Rate of 3/4T./Ac., and Commercial Fertilizer (5-10-10) at the Rate of 1/2T./Ac. Mulch to be Unweathered, Unchopped, Small Grain Straw (Preferably Wheat) at the Rate of 1 1/2T./Ac. and Should be Spread Uniformly Over Entire Area. Mulch to be Anchored With Asphalt Mulch Tie-Down Using Liquid Asphalt-Rapid Curing (RC-70, RC-250 or RC-800) at the Rate of 0.1 Gal./S.Y.
10. All Stockpiled Soils to be Stabilized As Mentioned Above.

AREA AND VOLUME OF CONSTRUCTION

Total Area of Construction 46,297 S.F.
Total Volume of Construction 834,904 C.F.

SITE ANALYSIS

Total Area Of Site = 10.00 Ac. ±
Total Parking Provided At 200□' Min. (10'x20') = 50 Spaces
Total Coverage Allowed = 10%
Total Coverage Provided = 46,297 □' = 10.6%
Title Ref.: Plat Book 17 Folio 54, 6th Election District.

GENERAL NOTES:

1. Contractor Shall Verify All Information Indicated On The Contract Drawings And Advise Owner Of Any Adjustments Required To Fit The Work To Site Conditions.
2. Temporary Toilet Facilities To Be Located At Area Approved By Owner.
3. New Grades Shall Be Adjusted To Meet Existing Grades. Contractor Shall Verify All Existing Grades In Field And Notify Architect If His Grades Disagree With Grades Shown On Dwgs. So Adjustments, If Necessary, Can Be Made.
4. Assumed Floor Elev. Is 409.5
5. Contractor Shall Remove All Rubble And Rubbish From Premises Unless Otherwise Directed.
6. Contractor Shall Not Remove Topsoil Or Clean Fill Dirt From Premises But Shall Deposit Same As Directed.
7. Boundary Based On Plat Recorded In Plat Book 17 Folio 54
8. Property Contours And Grade Elevations Are Taken From A Topographic Survey Prepared By Purdum & Jeschke Land Surveyors 3697 Park Ave., Ellicott City, Md. 21043.
9. For Plan & Profile Of Structures Identified As Such: (I-1) See U-1 Plan.

CERTIFICATION BY THE PROFESSIONAL ENGINEER

"I Certify That The Plan Of Development And The Plan For Control Of Silt And Erosion Meets The Requirements, Standards, And Specifications Of The Howard Soil Conservation District.

(Seal) Charles E. Fick — 6-12-72
Signature PE 5048 — Date

CERTIFICATION BY THE DEVELOPER:

"I Certify That All Development And/Or Construction Will Be Done According To This Plan Of Development And Plan Of Silt And Sediment Control.

(Seal) [signature]
Signature — Date

This Development Plan Is Approved For Soil Erosion And Sediment Control By The Howard Soil Conservation District.

REVIEWED ______ Dist. Conservation — Date

APPROVED ______ Howard Soil Conservation Dist — Date

NOTE: Prior To Any Construction Sediment Control Measures Must Be Installed.

LIMIT OF CONTRACT NOTES

1. Building Work Shall Be Confined Within Contract Area.
2. Entire Site Will Be Graded By Owner Under A Pre-Site Contract, Within Limit Of Contract Grass Areas & Pre-Site Grades Will Be 4", Building Area 8", And Paved Areas AT Sub Grade.
3. Building Contractor Shall Remove All Excess Earth And Debris And Repair Damage To Pre-Site Work.
4. Furnish, Install And Remove A Temporary Chain Link Construction Fence Where Shown On Limit Of Contract Line To Limit Of Encroachment On Pre-Site Seeded Area.
5. Limit Of Contract As Noted On Site Plan Is To Indicate Restriction Of Site Area Usage By General Contractor.
6. All Seeding Is To Be Done By Owner. *
7. Sod To Be Furnished And Installed By General Contractor.

APPROVAL SIGNATURE BLOCK FOR SITE DEVELOPMENT PLANS.

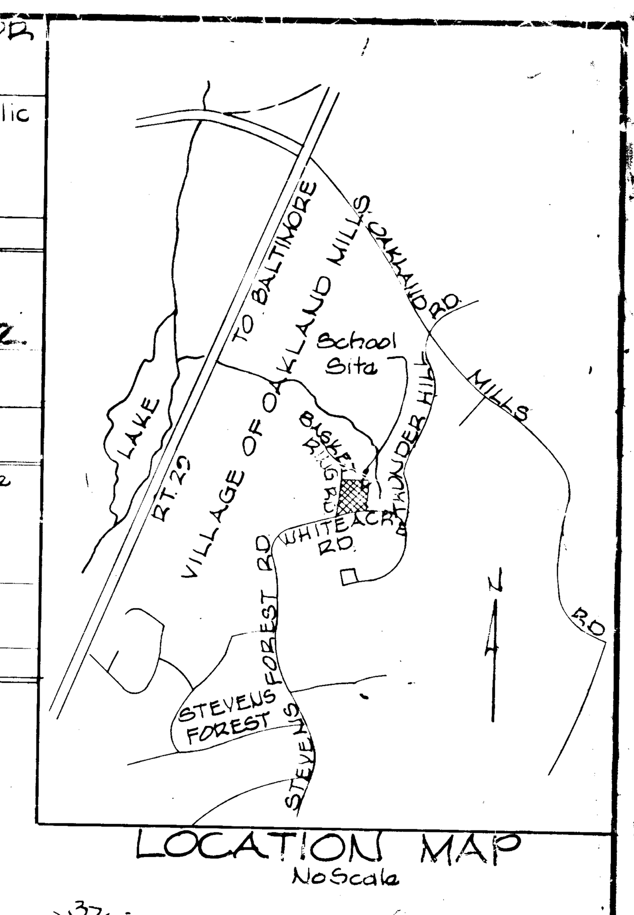
APPROVED For Public/Private Water And Public/Private Sewerage Systems, Howard County Health Department.
County Health Officer — Date

APPROVED Howard County Office Of Planning & Zoning
[signature] 10-10-72
Planning Director — Date

Chief: Division Of Land Development — Date

APPROVED For Public Water, Public Sewerage & Storm Drainage System & Roads Howard County Department Of Public Works.
Director — Date

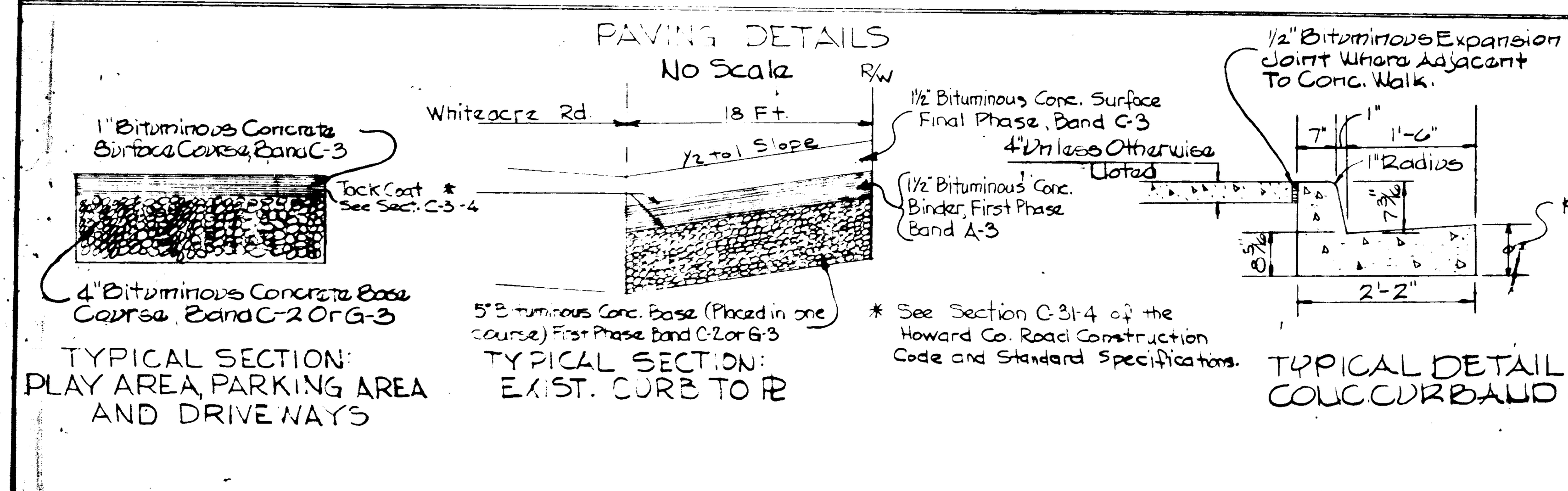
Chief Bureau Of Highways — Date

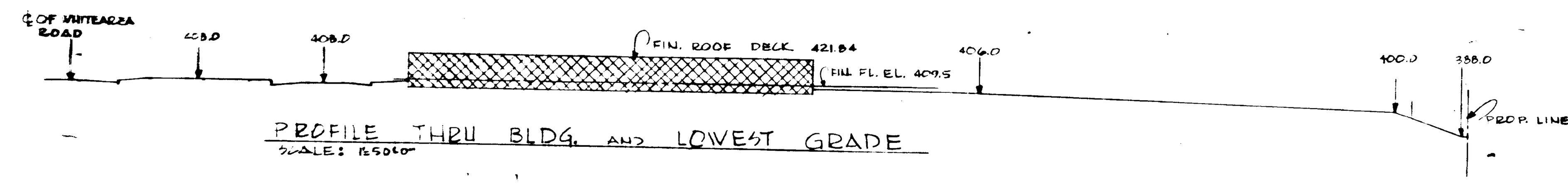


LOCATION MAP
No Scale

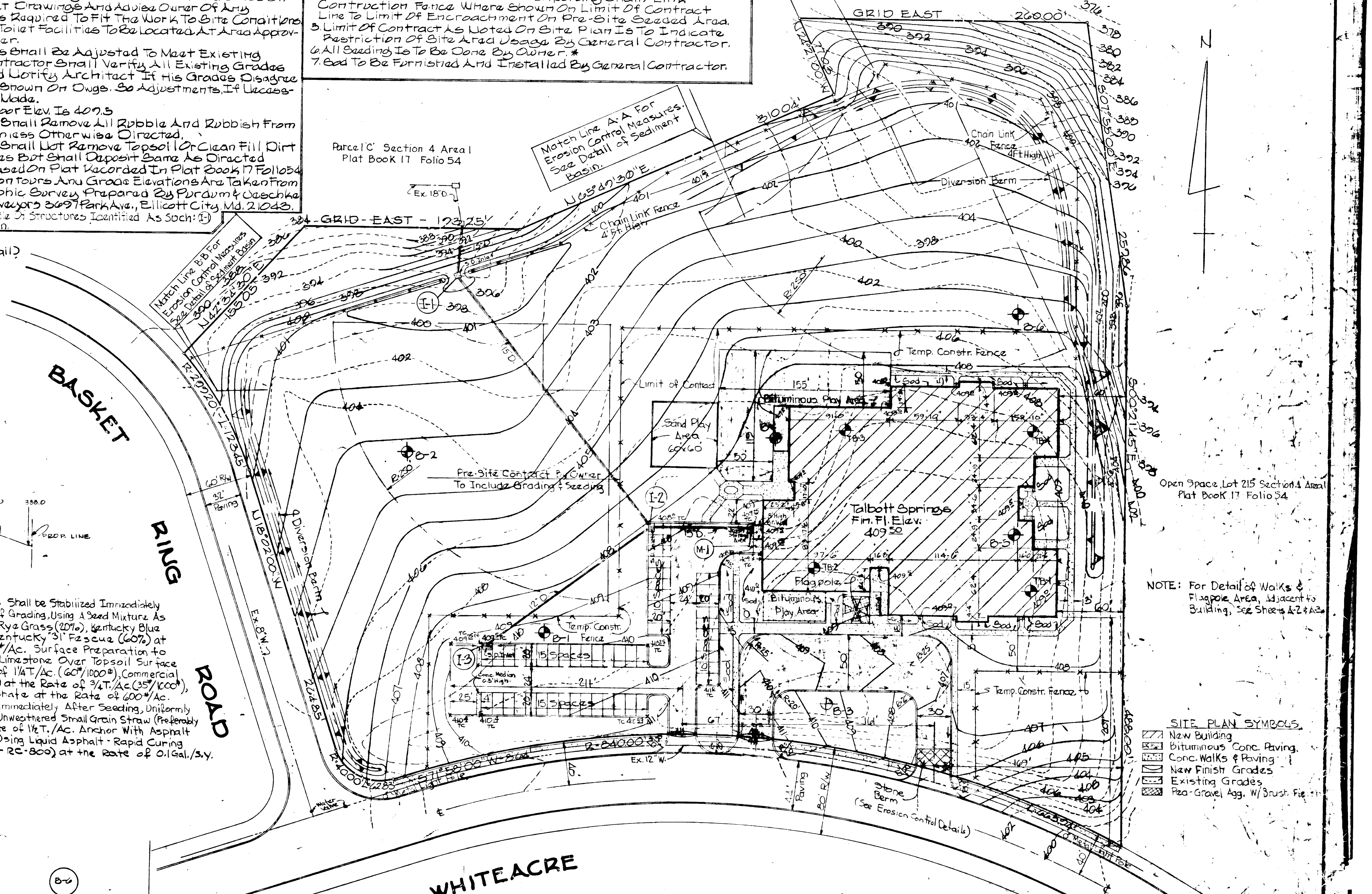
PAVING DETAILS

No Scale





*All Disturbed Areas Shall be Stabilized Immediately Upon Completion of Grading, Using A Seed Mixture As Follows: Annual Rye Grass (20%), Kentucky Blue Grass (20%) & Kentucky "31" Fescue (60%) at the Rate of 200#/Ac. Surface Preparation to Include Ground Limestone Over Topsoil Surface Area at the Rate of 1 1/4T./Ac. (60#/1000□), Commercial Fertilizer (5-10-10) at the Rate of 3/4T./Ac. (35#/1000□), And Super Phosphate at the Rate of 600#/Ac. (15#/1000□). Mulch: Immediately After Seeding, Uniformly Mulch Area With Unweathered Small Grain Straw (Preferably Wheat) at the Rate of 1 1/2T./Ac. Anchor With Asphalt Mulch Tie-Down Using Liquid Asphalt - Rapid Curing (RC-70, RC-250 or RC-800) at the Rate of 0.1 Gal./S.Y.



NOTE: For Detail of Walks & Flagpole Area, Adjacent to Building, See Sheets A-2 & A-3.

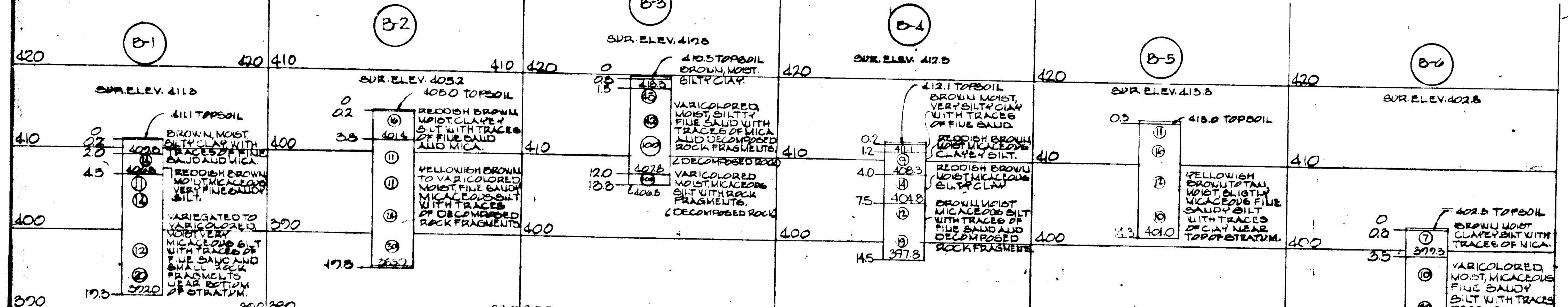
SITE PLAN SYMBOLS
- New Building
- Bituminous Conc. Paving
- Conc. Walks & Paving
- New Finish Grades
- Existing Grades
- Pea-Gravel Agg. W/ Brush Fin.

TEST BORING PROFILES AND DATA

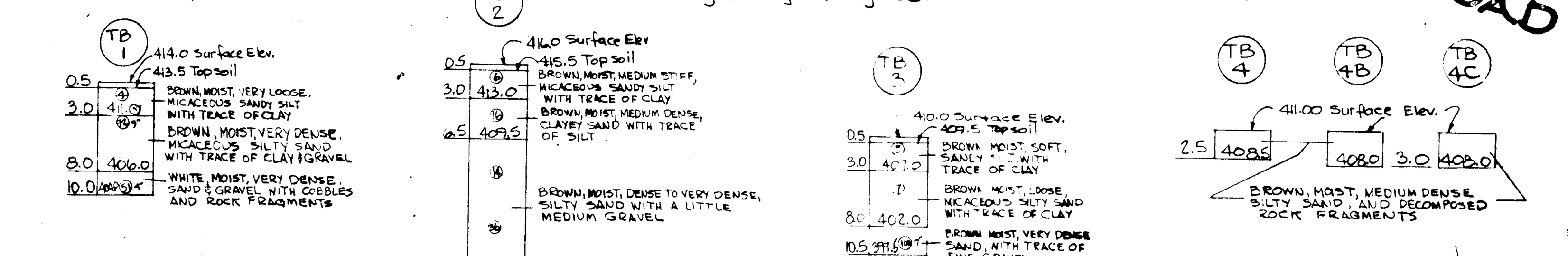
Vertical Scale 1" = 10'

NOTES: — TEST BORING DATA

1. Figures Noted In Circle Represent The Number Of Blows Required To Drive A Standard 2" O.D. Sampling Spoon One Foot With A 140# Hammer Freely Falling 30 Inches.
2. The Soils And Geologic Classifications Indicated On The Boring Logs Are Visual Only.
3. Test Borings Were Performed By The Chesapeake Drilling Company 201 W. Chesapeake Ave., Towson, Md. 21204. Any Questions Regarding This Investigation May Be Consulted With The Chesapeake Drilling Company.



Test Borings TB-1 Thru TB-4C Were Run By American Testing & Engineering Co.



REVISION - 9-18-72

ENGINEERS
GEORGE WILLIAM STEPHENS JR. & ASSOCIATES, INC.
303 ALLEGHENY AVE.
TOWSON 4, MARYLAND

Charles E. Fick — 6/2/72
Associate — Reg. No 5048 — Date

TALBOTT SPRINGS ELEMENTARY SCHOOL

COLUMBIA MARYLAND

FOR THE BOARD OF EDUCATION OF HOWARD COUNTY — CLARKSVILLE, MARYLAND

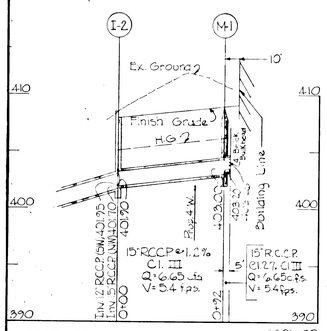
BOARD OF EXAMINERS AND REGISTRATION OF ARCHITECTS — STATE OF MARYLAND — 657-A 862-A 1401-A

SITE PLAN
PSC-13.007.73.CE

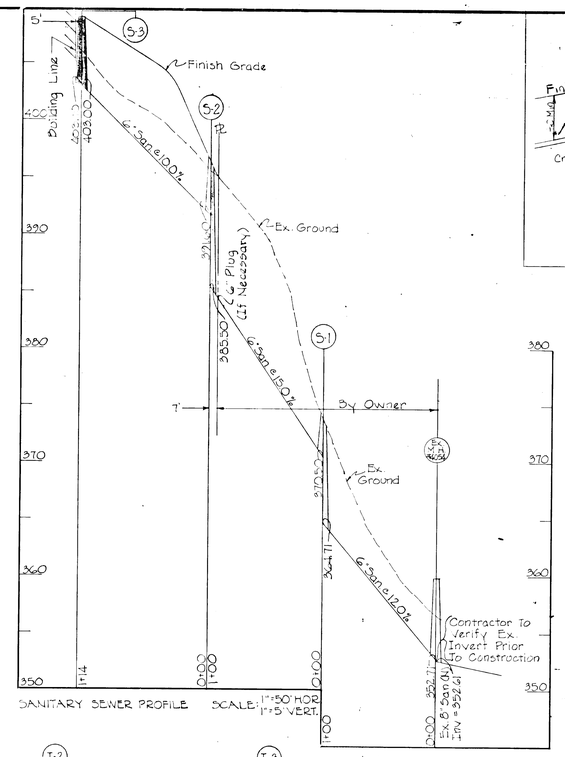
SMEALLIE, ORRICK AND JANKA, LTD.
ARCHITECTS - PLANNERS
5820 YORK ROAD BALTIMORE, MD. 21212

DATE AUG. 31, 1972
JOB NO. 71-2
DRAWING NO. OF A-1

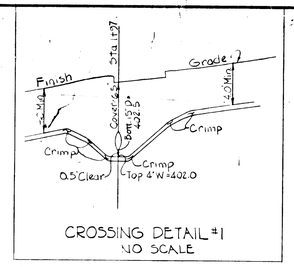
STRUCTURE SCHEDULE					
NO	TYPE	STD HOW.CO.DET	INVERT OUT	TOP ELEV	Q
S-1	5' DROP M.H.	S-6	364.71	373.50	—
S-2	5' DROP M.H.	S-6	385.50	393.50	—
S-3	STD. LINE M.H.	S-2	403.00	408.75	—
M-1	STD MANHOLE	D-103	403.00	407.00	—
I-1	'C'	G4-C	397.55	399.00	4.01
I-2	5' COMB.	D-99	401.70	408.50	2.37
I-3	5' COMB.	D-99	403.32	409.50	2.03



STORM DRAIN PROFILE SCALE: 1"=50' HOR. 1"=5' VERT.



SANITARY SEWER PROFILE SCALE: 1"=50' HOR. 1"=5' VERT.



CROSSING DETAIL #1
NO SCALE

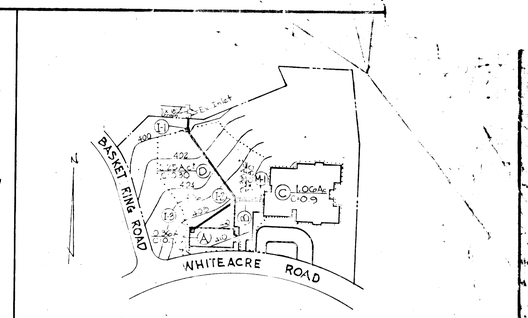
GENERAL NOTES

1. Contractor Shall Verify All Information Indicated on This Plan To His Complete Satisfaction.
2. See Site Plan (Dwg. #A18) For Grading And Dimensions Locating Drives, Building, Etc.
3. All Storm Drains Shall Be Constructed In Accordance With Howard County Standard Details And Specifications, Dated November 27, 1962, Revised August, 1968, Or Latest Revision.
4. All Water And Sanitary Sewer Shall Be Constructed In Accordance With The "Standard Specifications And Details For Water Mains And Sanitary Sewers" Howard County, Maryland, Department Of Public Works As Adopted March 2, 1970 And Any Subsequent Addendum Thereto.
5. All Drains To Be Constructed Under Pre-Site Contract.
6. See Drawing No. A18 For All Paving And Curbing Details.

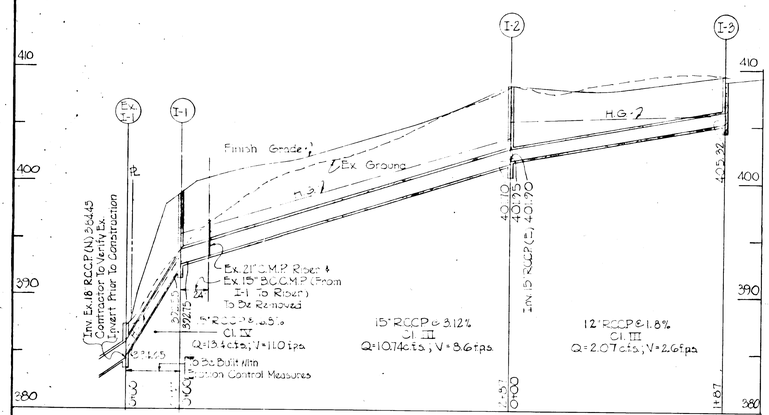
APPROVED: HOWARD COUNTY HEALTH DEPARTMENT

DIRECTOR — DATE

DEPARTMENT OF PUBLIC WORKS — DATE



DRAINAGE AREA MAP
Scale: 1"=200'

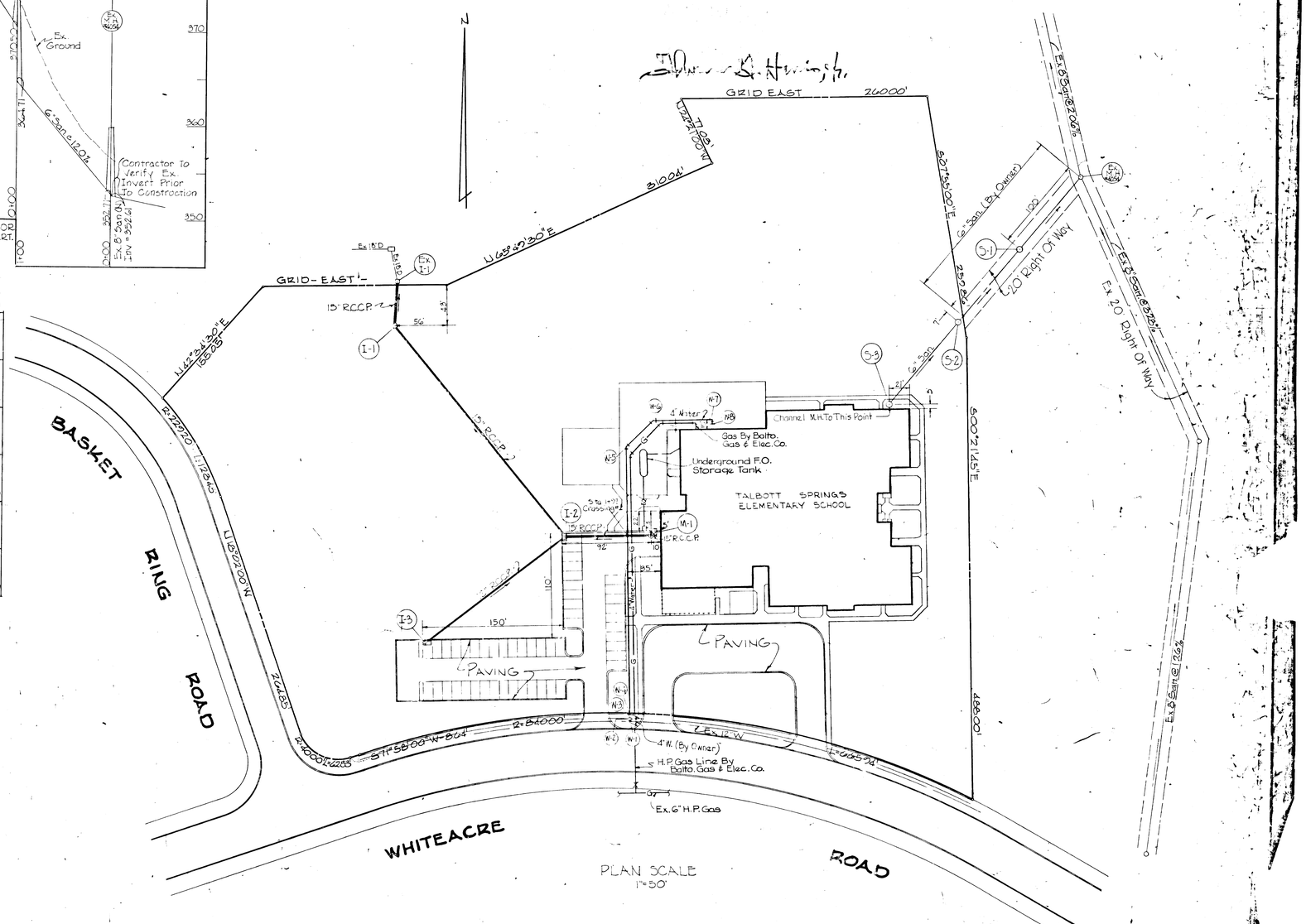


STORM DRAIN PROFILE SCALE: 1"=50' HOR. 1"=5' VERT.

4" WATER CONSTRUCTION CHART						
Station *	Structure #	Description	Std. How. Co. Det.	Finish Gr'd.	Ex. Ground	Top Water +
0+00	W-1	12"x4" Tee	W-7	411.20	411.2	407.2
0+02	W-2	4" Valve	———	411.28	411.4	407.28
0+06	W-3	4" Domestic Meter	———	411.45	411.7	407.45
0+09	W-4	4" Sleeve & Spacer Or 4" Cap (If Necessary)	W-8	411.58	411.9	407.58
2+90	W-5	1/8 Bend	W-8	407.70	407.1	403.70
3+[illegible]	W-6	1/8 Bend	W-8	408.30	405.5	404.30
3+93	W-7	1/4 Bend	W-8	408.70	406.0	404.70
3+98	W-8	4" Sleeve & Spacer Or 4" Cap (If Necessary)	W-8	408.90	406.0	404.90

* All Stations Are Scaled Along ℄ Proposed Water.

+ 4" Water To Have A Minimum Ultimate Cover, To Top of Pipe, Of 4.0'



ENGINEERS
GEORGE WILLIAM STEPHENS JR. ASSOCIATES INC.
305 Allegheny Ave.
Towson 4, Maryland

Charles E. Fiske 6/5/72
Associate Reg. No. 5018 Date

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COLUMBIA MARYLAND

FOR THE BOARD OF EDUCATION OF HOWARD COUNTY CLARKSVILLE, MARYLAND

UTILITY PLAN

P&C-18.007.73.CE

SMEALLIE, ORRICK AND JAHNA, ETC.
ARCHITECTS PLANNERS
5820 YORK ROAD BALTIMORE MD 21212

DATE AUG. 31, 19[illegible]

JOB NO. 71-[illegible]

DRAWING NO. [illegible] OF [illegible]