

GENERAL NOTES

- ALL WATER LINES SHALL BE CONSTRUCTED A MINIMUM OF 42" DEEP BELOW FINISHED GRADE.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, I.E. STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.
- APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN FROM BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL TEST EXISTING UTILITIES AT LEAST FIVE (5) DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS TO VERIFY THEIR LOCATION AND ELEVATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF LOCATION OF UTILITIES IS OTHER THAN SHOWN.
- CONTRACTOR TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS:
 - MESS UTILITY 1-800-257-7777
 - AT&T TELEPHONE COMPANY 725-9976
 - HOWARD COUNTY BUREAU OF UTILITIES 992-2366
 - STATE FIRE MARSHAL'S OFFICE 393-3553
 - BALTIMORE GAS & ELECTRIC COMPANY 685-0123
 - STATE HIGHWAY ADMINISTRATION 511-5533
 - HOWARD COUNTY CONSTRUCTION INSPECTION SURVEY DIVISION (24 HOURS NOTICE PRIOR TO COMMENCEMENT OF WORK) 792-7272
- ALL INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOWARD COUNTY STANDARDS.
- PROFILE STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.
- NO PIPE SHALL BE LAID UNTIL LINES OF EXCAVATION HAVE BEEN BROUGHT TO SUBGRADE.
- TOPS TAKEN FROM FIELD RUN SURVEY DATED 3/10/89 BY HARRIS SMARIGA, MATZ, INC.
- ALL PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- ALL STORM DRAIN PIPE BEDDING SHALL BE AS SHOWN ON HOWARD COUNTY GENERAL DETAIL G.2.01. TRENCH IN ROCK OR TRENCH IN EARTH AS DETERMINED BY FIELD CONDITIONS. IN VOL. IV OF HOWARD COUNTY DESIGN MANUAL UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR AS SHOWN ON THE DRAWINGS.
- THE DEVELOPER IS RESPONSIBLE FOR THE ACQUISITION OF ALL EASEMENTS, RIGHTS AND/OR RIGHTS-OF-WAY THAT MAY BE REQUIRED FOR THE SEWERSHIP AND EROSION CONTROL PRACTICES, STORMWATER MANAGEMENT PRACTICES AND THE DISCHARGE OF STORMWATER ONTO OF ADJACENT OR DOWNSTREAM PROPERTIES INCLUDED IN THIS PLAN. HE IS ALSO RESPONSIBLE FOR THE ACQUISITION OF ALL EASEMENTS, RIGHTS AND/OR RIGHTS-OF-WAY FOR WORK ON ADJACENT PROPERTIES INCLUDED IN THIS PLAN.
- THE OWNER SHALL PROVIDE A SEPARATE AND INDEPENDENT SEWER CONNECTION FOR EACH TENANT OR OCCUPANT OF ANY BUILDING SHOWN ON THIS SITE. DEVELOPERMENT PLAN WHO WILL DISCHARGE NON-DOMESTIC WASTE TO THE PUBLIC SEWERAGE SYSTEM IF THIS WASTE IS REGULATED UNDER SECTION 18.127A OF THE HOWARD COUNTY CODE. EACH SEPARATE AND INDEPENDENT SEWER CONNECTION SHALL INCLUDE A STANDARD MANHOLE AND OTHER WASTE PRETREATMENT DEVICES AS REQUIRED AND APPROVED BY HOWARD COUNTY. WASTE LINES ON THE INTERIOR OF THE BUILDING SHALL BE DESTROYED, CONSTRUCTED OR MODIFIED SUCH THAT NON-DOMESTIC WASTE WILL BE DISCHARGED TO THE SEPARATE AND INDEPENDENT SEWER CONNECTION. NO TENANT OR OCCUPANT OF ANY BUILDING SHOWN ON THIS SITE DEVELOPMENT PLAN SHALL DISCHARGE REGULATED NON-DOMESTIC WASTE TO THE PUBLIC SEWERAGE SYSTEM PRIOR TO INSTALLATION OF THE SEPARATE AND INDEPENDENT SEWER CONNECTION AND RELATED INTERIOR WASTE LINES. THE ABOVE REQUIREMENTS SHALL APPLY TO ALL INITIAL AND FUTURE OCCUPANTS.
- STORMWATER MANAGEMENT (QUANTITY) IS PROVIDED UNDER F-67-92.

SITE DEVELOPMENT PLAN

FOR

LA PETITE ACADEMY

PARCEL Q-2

SECTION 1 AREA 2

OF THE

COLUMBIA 100 OFFICE RESEARCH PARK

2ND ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

SITE TABULATION

AREA OF PARCEL:	1,000.00 SQ. FT.
PRESENT ZONING:	POR
PROPOSED USE:	1 STORY DAY CARE CENTER
BUILDING COVERAGE ALLOWED:	15.24% OF TOTAL SITE AREA
PROPOSED BUILDING COVERAGE:	16.46% OF TOTAL SITE AREA
NUMBER OF PARKING SPACES REQUIRED: DAY CARE FACILITY @ 1 SPACE PER 400 SQ. FT.	25 SPACES
NUMBER OF PARKING SPACES PROVIDED:	25 SPACES
NUMBER OF HANDICAP SPACES REQUIRED: 1 HANDICAP SPACE PER 25 SPACES	1 SPACE
NUMBER OF HANDICAP SPACES PROVIDED:	1 SPACE
OPEN SPACE REQUIRED: (INCLUDING INTERNAL LANDSCAPED AREAS) 12% OF TOTAL SITE AREA	120.00 SQ. FT.
OPEN SPACE PROVIDED:	148.53% OF TOTAL SITE AREA
AREA OF PARKING:	11,004.00 SQ. FT.
LANDSCAPED AREA REQUIRED: 15% OF PARKING AREA	1,650.60 SQ. FT.
LANDSCAPED AREA PROVIDED:	1,650.60 SQ. FT. (101.88% OF PARKING AREA)

SHEET INDEX

NO	DESCRIPTION
1	TITLE SHEET
2	SITE DEVELOPMENT PLAN & PLAY EQUIPMENT PLAN
3	GRADING & SEDIMENT CONTROL PLAN
4	SEDIMENT CONTROL NOTES & DETAILS
5	PROFILES, DETAILS, NOTES, MISCELLANEOUS
6	LANDSCAPE PLAN
7	WATER QUALITY CONTROL STRUCTURE DETAILS & NOTES

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
PAR Q-2	8850 COLUMBIA 100 PARKWAY

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL #
COLUMBIA 100 OFFICE RESEARCH PARK	1/2	260
PLAT # OR L/F	BLOCK #	ZONE
8740	30	POK
TAX/ZONE MAP	ELEC. DIST.	CENSUS TR.
	2ND	6023.02
WATER CODE	SEWER CODE	
G-02	5750639	



VICINITY MAP

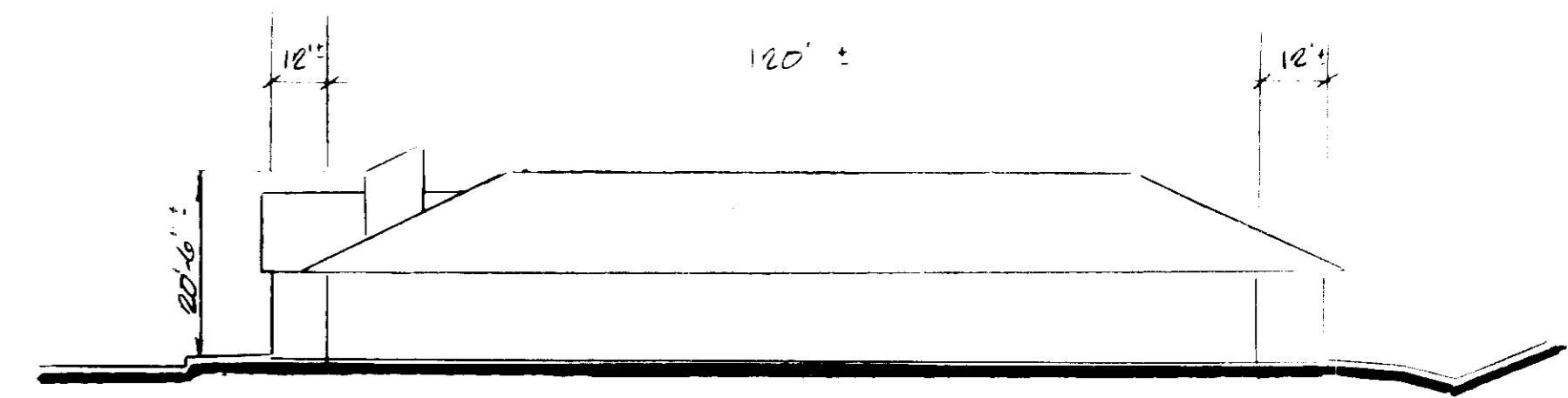
SCALE: 1"=2000'

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE: 1-3-90

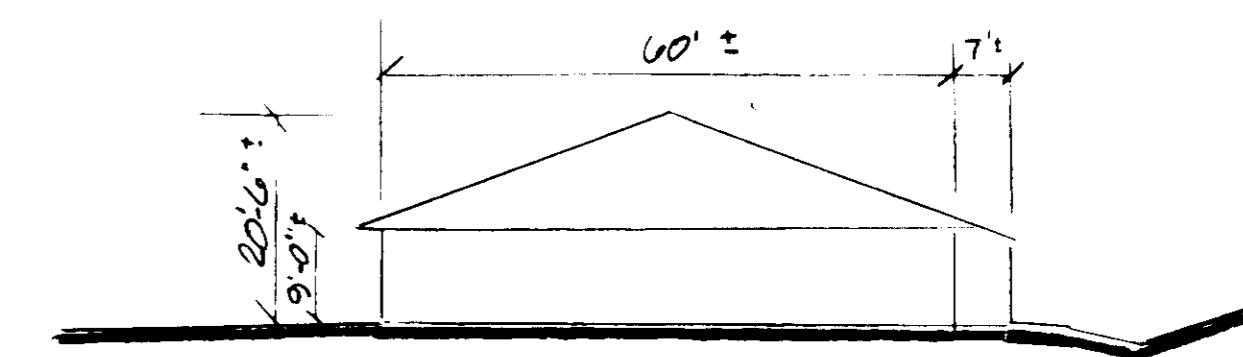


SCALE: N/A
DRAWN BY: Y.S.
CHECKED BY: T.J.L.
DATE: 6-28-89
SHEET OF: 7
PROJECT NO: 40290

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT	<i>Joyce M. Zoller</i> COUNTY HEALTH OFFICER	3-23-90 DATE
APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING	<i>James S. Kottler</i> PLANNING DIRECTOR	4/11/90 DATE
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS	<i>Mark S. Taylor</i> CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT	4/23/90 DATE
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	<i>James P. Smith</i> DIRECTOR	3-9-90 DATE
	<i>James P. Smith</i> CHIEF, BUREAU OF ENGINEERING	3-8-90 DATE
OWNER / DEVELOPER		
LA PETITE ACADEMY, INC. CITY CENTER SQUARE P. O. BOX 26610 KANSAS CITY, MISSOURI 64196		
PROJECT: COLUMBIA 100 OFFICE RESEARCH PARK PARCEL Q-2 SECTION 1, AREA 2 A ONE STORY DAY CARE CENTER		
AREA: TAX MAP 30 ZONED P.O.R. PLAN NO 7526 COLUMBIA 100 OFFICE RESEARCH PARK SECTION 1, AREA 2 PARCEL Q-2 2ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND		
TITLE: TITLE SHEET		
<p style="text-align: center;">Harris, Smariga, Matz, Inc.</p> <p style="text-align: center;">Planners/Engineers/Surveyors 115-B Dulbrook Lane/Ellicott City, MD 21120 (301) 496-1811</p>		
REVISIONS: △ J.V. REVIVE SITE TABULATIONS		



SOUTH ELEVATION



WEST ELEVATION

- NOTES:
1. THERE ARE NO EXISTING BUILDINGS WITHIN 100 FEET OF PROJECT SITE.
 2. THE MAIN ENTRANCE AT WEST SIDE OF BUILDING TO BE USED BY HANDICAPPED PERSONS.

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

Jocelyn Zupka 3-23-90
COUNTY HEALTH OFFICER DATE

APPROVED: THE HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

James R. Heath 4/11/90
PLANNING DIRECTOR DATE
Marsha S. Langley 5/23/90
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

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

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James P. Allen 3/19/90
DIRECTOR DATE
Debra S. Kelly 3-2-90
CHIEF, BUREAU OF ENGINEERING DATE

OWNER/DEVELOPER
LA PETITE ACADEMY, INC.
CITY CENTER SQUARE
P. O. BOX 26610
KANSAS CITY, MISSOURI 64198

PROJECT: COLUMBIA 100 OFFICE RESEARCH PARK
PARCEL Q-2
SECTION 1, AREA 2
A ONE STORY DAY CARE CENTER

AREA: TAX MAP 30 ZONED P. O. R. PLAN NO 7526 COLUMBIA 100 OFFICE RESEARCH PARK SECTION 1, AREA 2 PARCEL Q-2 2 ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

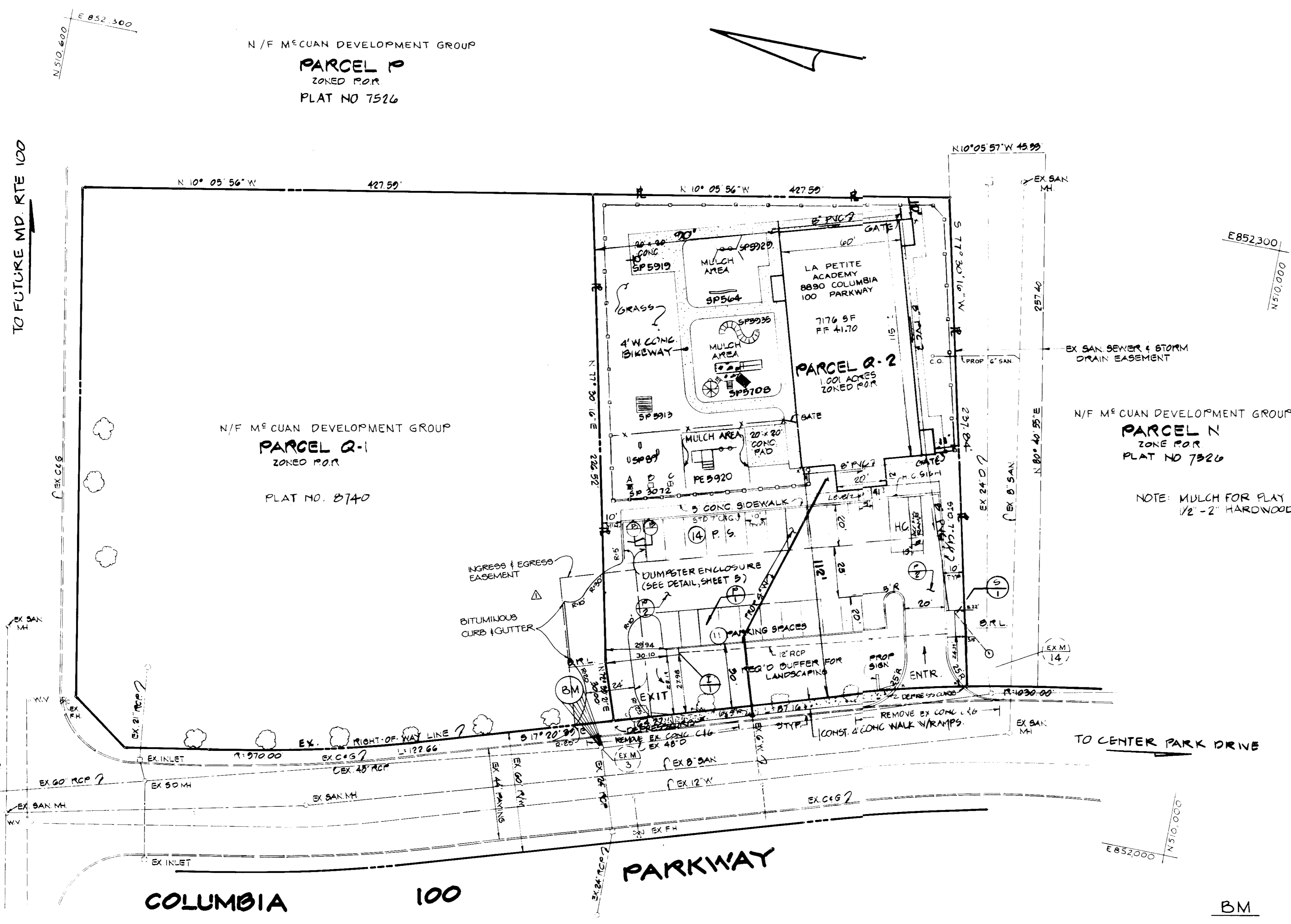
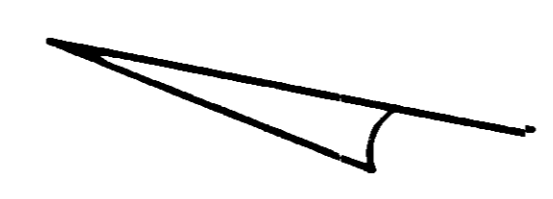
TITLE: SITE DEVELOPMENT, DIMENSION & PLAY EQUIPMENT PLAN



APPROVED
PLANNING BOARD
OF HOWARD COUNTY

DATE: 1-3-90
J.B.

BM
TOP COVER MANHOLE, M-3
ELEV. 433.61



LEGEND

- CONCRETE PAD OR SIDEWALK
- STANDARD T COMBINATION CURB & GUTTER
- CHAIN LINK FENCE - 5' HEIGHT, VINYL COATED
- SCREEN WALL - 6' HEIGHT
- SCREEN FENCE - 6' HEIGHT

BY THE DEVELOPER:
"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."
Dennis Williams
DEVELOPER
7/17/89
DATE

Harris, Smariga, Matz, Inc.
Planners/Engineers/Surveyors
115-B Sudbrook Lane/Pikesville, MD 21208
(301) 486-1511
REVISIONS:
1. REVISED ENTRANCE & ADDED INGRESS & EGRESS EASEMENT J.V. 9-18-90

LA PETITE ACADEMY
COLUMBIA 100 OFFICE RESEARCH PARK
PARCEL Q-2
SECTION 1 AREA 2
HOWARD COUNTY, MARYLAND

SCALE
1" = 30'
DRAWN BY
W.J.H.
CHECKED BY
T.J.L.
DATE
6-28-89
SHEET 2
OF 7
PROJECT
NO.
42892

EXECUTIVE PARK DRIVE

E 852 300
N 50 800

N/4 McCuan Development Group
PARCEL P
ZONED POR

N/4 McCuan Development Group
PARCEL Q-1
ZONED POR

NOTE: LETTERS OF PERMISSION TO GRADE
IN PARCEL Q-2 & PARCEL P TO
BE OBTAINED BY DEVELOPER.

STONE OUTLET SEDIMENT TRAP
DRAINAGE AREA = 0.49 AC.
STORAGE REQ'D = 882 CF
STORAGE SHOWN = 952 CF
BOTTOM DIMENSIONS = 10' x 30'
BOTTOM ELEV. = 431
CREST ELEV. = 434
CLEAN OUT EL. = 432
TOP OF DAM EL. = 436

EARTH DIKE & LIMIT
OF DISTURBANCE

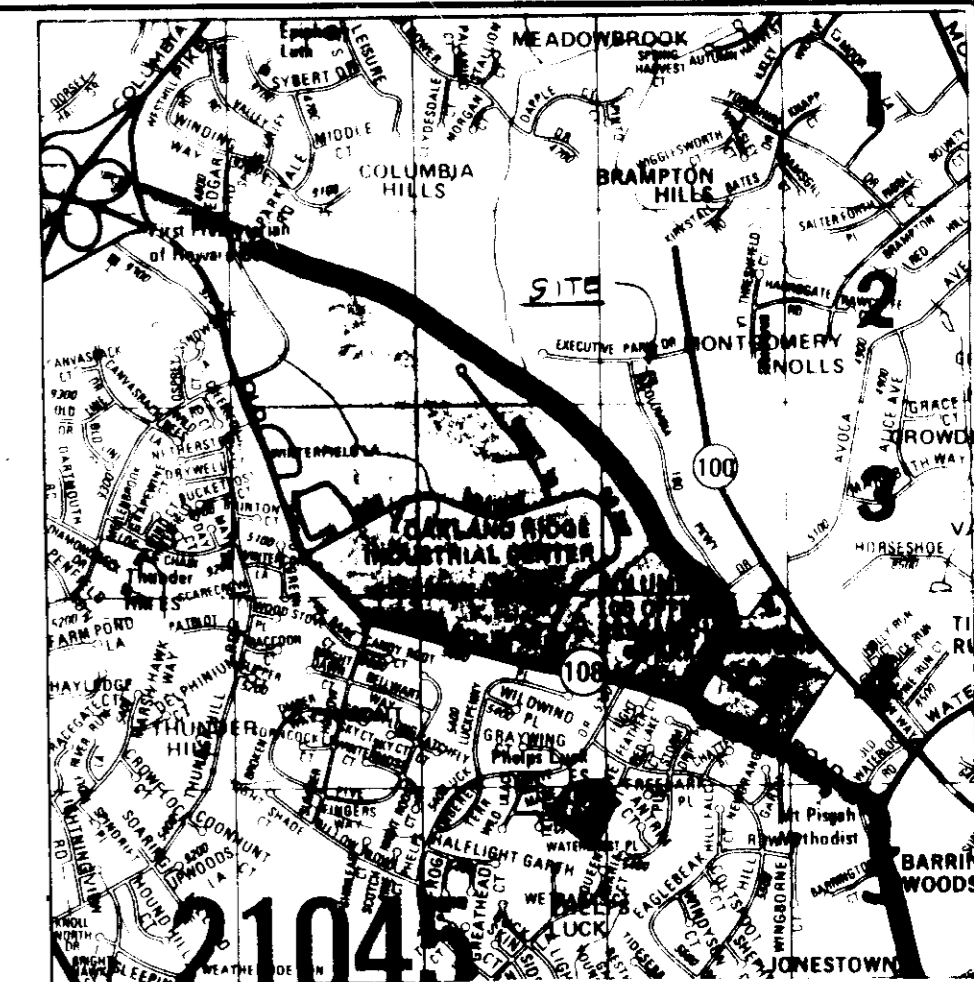
LEGEND

- EXISTING GROUND
- PROPOSED GRADE
- LIMIT OF DISTURBANCE
- INLET PROTECTION
- SILT FENCE
- EARTH DIKE

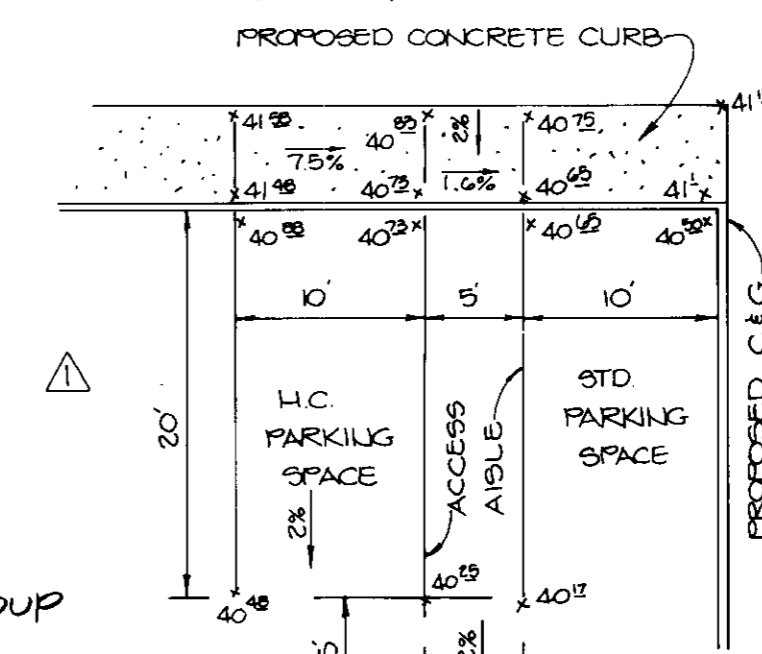
NOTE: THIS PLAN FOR SEDIMENT &
EROSION CONTROL ONLY

SEQUENCE OF CONSTRUCTION

1. OBTAIN GRADING PERMIT.
2. INSTALL STABILIZED CONSTRUCTION ENTRANCE
BY REMOVING EXISTING CURB & GUTTER AS NECESSARY. (1 DAY)
3. INSTALL ALL SEDIMENT CONTROL DEVICES. (2 DAYS)
4. ROUGH GRADE SITE, MAINTAINING POSITIVE FLOW TO
SEDIMENT TRAP STOCKPILE TOPSOIL WHERE SHOWN. (10 DAYS)
5. INSTALL STORM DRAIN SYSTEM FROM I-1 TO EX MH 14.
PROVIDE INLET PROTECTION @ I-1 & S-1. (3 DAYS)
6. BRING DRIVEWAY & PARKING AREAS TO SUBGRADE &
CONSTRUCT STONE BASE COURSE IN THOSE AREAS. (2 DAYS)
7. CONSTRUCT ALL C & G, EXCEPT IN AREA OF SEDIMENT TRAP. (3 DAYS)
8. FINE GRADE REMAINING DISTURBED AREAS &
STABILIZE PER PERMANENT SEEDING NOTES. (3 DAYS)
9. WHEN ALL DISTURBED AREAS ARE STABILIZED AND WITH
PERMISSION OF HOWARD CO. SEDIMENT CONTROL INSPECTOR
REMOVE ALL SEDIMENT CONTROL DEVICES. (2 DAYS)
10. CONSTRUCT ENTRANCE PAVING & CURB & GUTTER IN AREA
OF SEDIMENT TRAP, FINE GRADE & STABILIZE ALL AREAS
DISTURBED BY REMOVAL OF TEMPORARY CONTROLS.



VICINITY MAP
SCALE 1" = 2000'



HANDICAPPED PARKING
& ACCESS DETAIL
SCALE 1" = 10'

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL
CONSERVATION DISTRICT AND MEET THE TECHNICAL
REQUIREMENTS FOR SMALL POND CONSTRUCTION, SOIL
EROSION AND SEDIMENT CONTROL.

John M. Matz 2/7/90
U.S. SOIL CONSERVATION SERVICE DATE

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

John M. Matz 2/7/90
HOWARD SOIL CONSERVATION DISTRICT DATE

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

James Boyd W. 3-23-90
COUNTY HEALTH OFFICER DATE

APPROVED: THE HOWARD COUNTY DEPARTMENT OF PLANNING AND
ZONING

James H. Butler 4/11/90
PLANNING DIRECTOR DATE
Daniel S. Langley 4/25/90
CHIEF, DIVISION OF COMMUNITY
PLANNING AND LAND DEVELOPMENT DATE

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

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James H. Butler 3/19/90
DIRECTOR DATE
Michael S. Riley 3-23-90
CHIEF, BUREAU OF ENGINEERING DATE

OWNER/DEVELOPER

LA PETITE ACADEMY, INC.
CITY CENTER SQUARE
P. O. BOX 28610
KANSAS CITY, MISSOURI 64196

PROJECT: COLUMBIA 100 OFFICE RESEARCH PARK
PARCEL Q-2
SECTION 1, AREA 2
A ONE STORY DAY CARE CENTER

AREA: TAX MAP 30 ZONED P. O. R. PLAN NO 7526 COLUMBIA 100
OFFICE RESEARCH PARK SECTION 1, AREA 2 PARCEL Q-2 2 ND
ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

TITLE: GRADING & SEDIMENT CONTROL PLAN

BY THE 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."

John M. Matz 2/2/90
ENGINEER DATE

BY THE DEVELOPER:

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE
ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL
INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF
ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING
PROGRAM FOR THE COSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE
HOWARD SOIL CONSERVATION DISTRICT."

James Williams 7/17/89
DEVELOPER DATE

Harris, Smariga, Matz, Inc.

Planners/Engineers/Surveyors
115-B Sudbrook Lane/Pikesville, MD 21208
(301) 486-1511

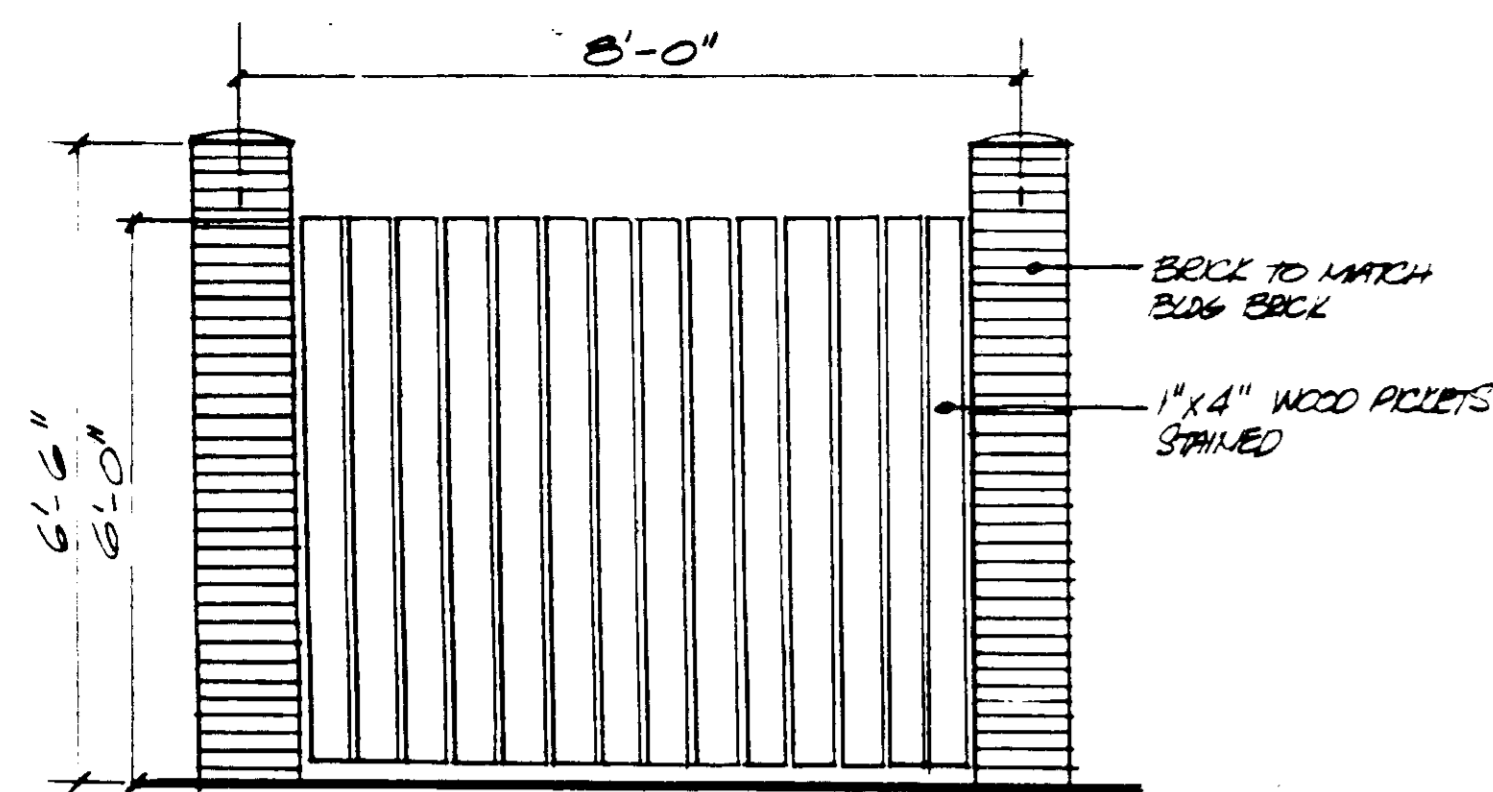
REVISIONS:
△ REVISE ENTRANCE GRADING, HANDICAP PARKING & ADD PARKING DETAIL J.V. 9-18-90

LAPETITE ACADEMY

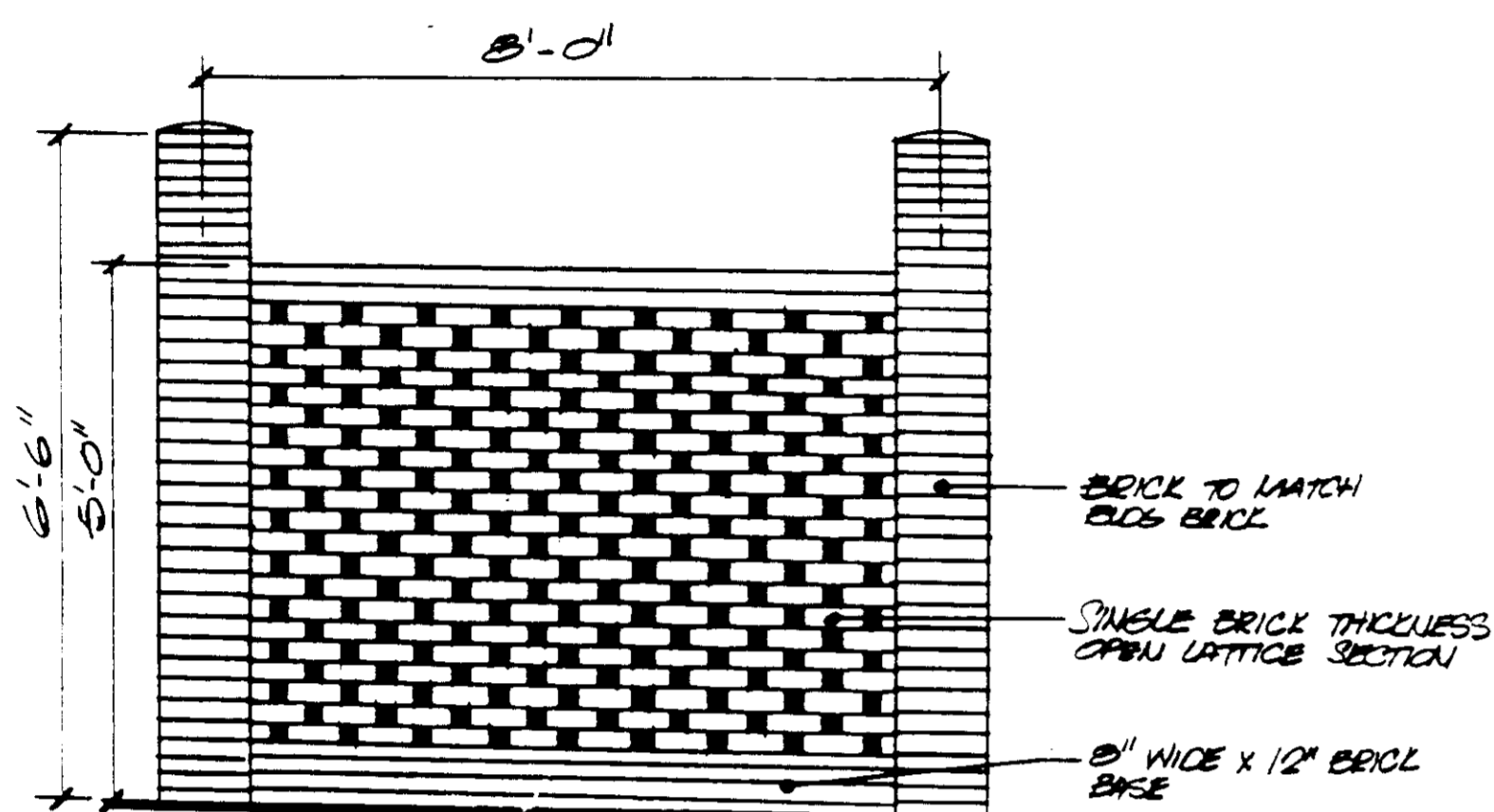
TITLE:
GRADING & SEDIMENT
CONTROL PLAN

SCALE
1" = 30'
DRAWN BY
WCH
CHECKED BY
TSL
DATE
6-20-89
SHEET 3
OF 7
PROJECT
NO
42320

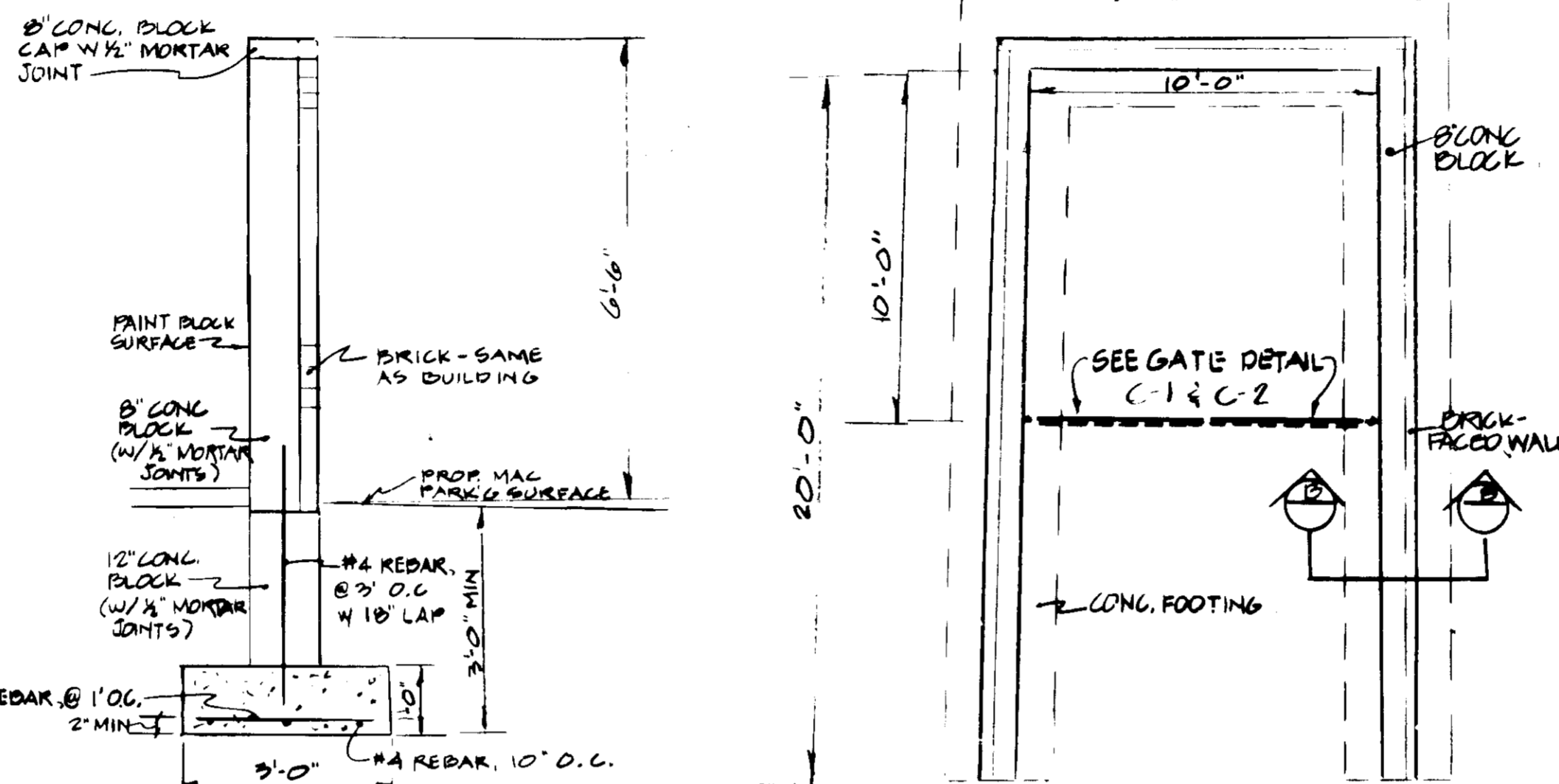
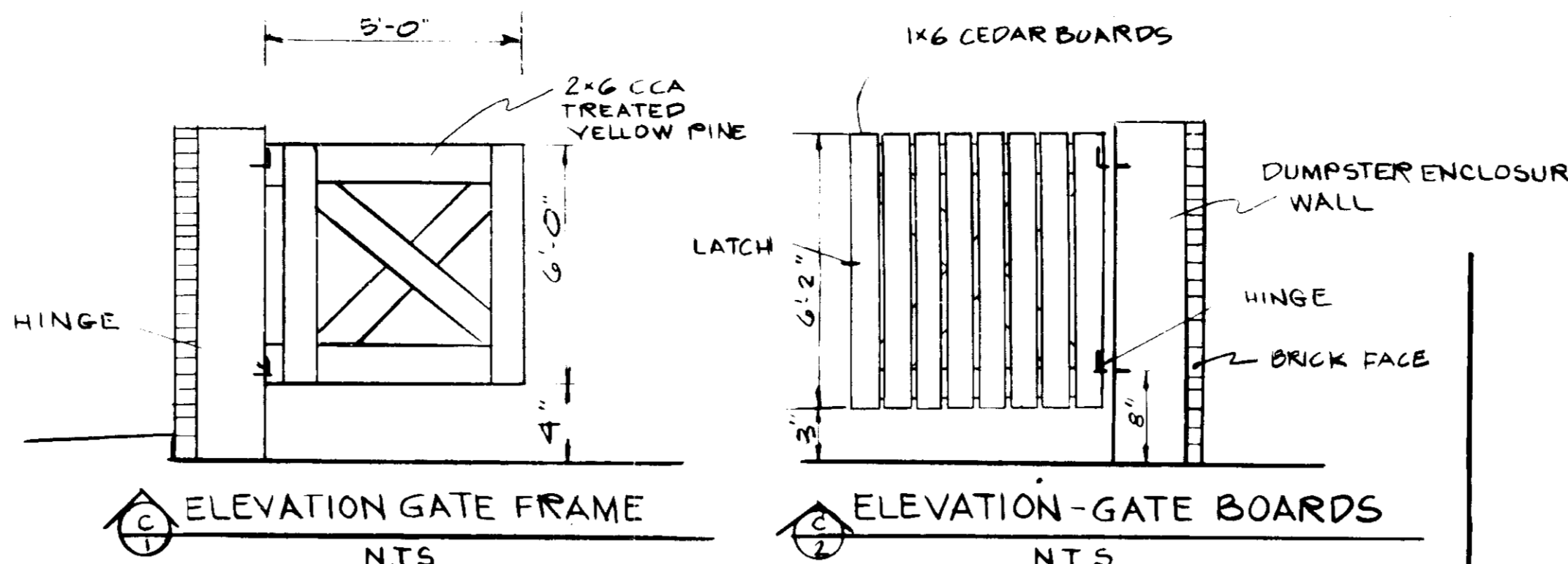
SDP 90-03



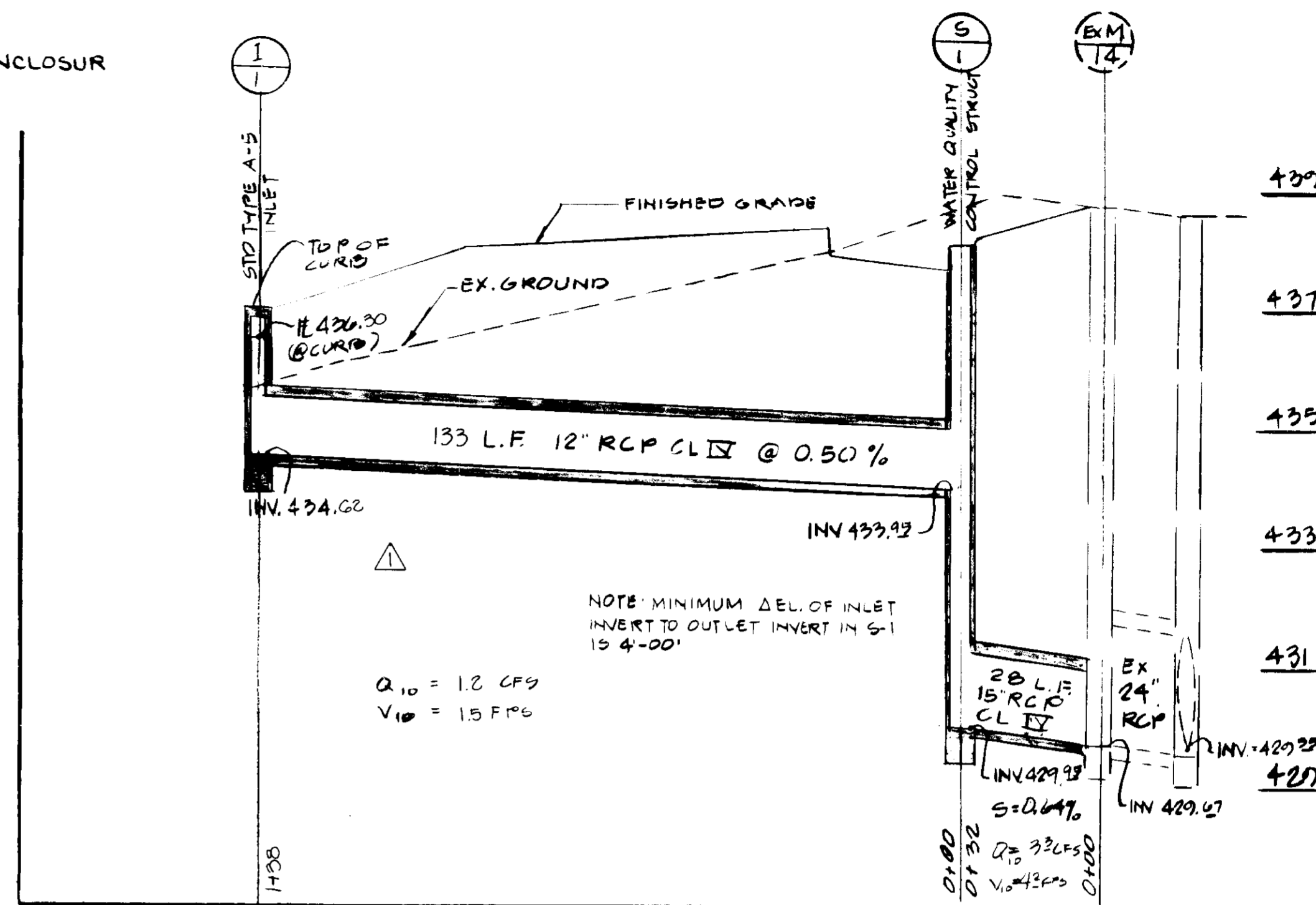
SCREEN FENCE
SCALE: 1/2" = 1'



SCREEN WALL
SCALE: 1/2" = 1'



DUMPSTER ENCLOSURE DETAILS
SCALE: AS NOTED



STORM DRAIN PROFILE
SCALE: HORIZ - 1" = 20'
VERT - 1" = 2'

STRUCTURE SCHEDULE		
NO.	TYPE	INVERT
I-1	H.C. STD. A-5 (50440)	434.92
S-1	SPECIAL-WATER QUALITY CONTROL	429.95
I-2	H.C. STD. A-3 (50440)	434.71

PIPE SCHEDULE		
SIZE	TYPE	LENGTH
8"	PVC SCH 40	313 L.F.
12"	RCP CL IV	131 L.F.
15"	RCP CL IV	28 L.F.

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

Joseph P. ...
COUNTY HEALTH OFFICER
7-23-90
DATE

APPROVED: HOWARD COUNTY DPT. OF PLANNING AND ZONING

James R. ...
PLANNING DIRECTOR
4/11/90
DATE

David V. ...
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT
5/23/90
DATE

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

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James ...
DIRECTOR
3/19/90
DATE

James ...
CHIEF, BUREAU OF ENGINEERING
3-2-90
DATE

OWNER/DEVELOPER
LA PETITE ACADEMY, INC.
CITY CENTER SQUARE
P. O. BOX 28610
KANSAS CITY, MISSOURI 64196

PROJECT: COLUMBIA 100 OFFICE RESEARCH PARK
PARCEL Q-2
SECTION 1, AREA 2
A ONE STORY DAY CARE CENTER

AREA: TAX MAP 30 ZONED P. O. R. PLAN NO 7526 COLUMBIA 100
OFFICE RESEARCH PARK SECTION 1, AREA 2 PARCEL Q-2 2 ND
ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

TITLE: **PROFILES, DETAILS, NOTES, MISCELLANEOUS**

SCALE: AS SHOWN
DRAWN BY: JSP/RL
CHECKED BY: RL
DATE: 6-28-89
SHEET 5 OF 7
PROJECT NO. 40290

Harris, Smariga, Matz, Inc.
Planners/Engineers/Surveyors
115-B Sudbrook Lane/Phoenixville, MD 21206
(301) 486-1811

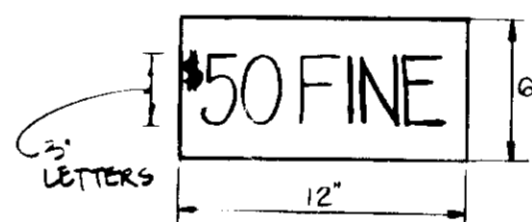
REVISIONS:
△ REVISE STORM DRAIN PROFILE

SIDEWALK NOTES

1. BROOM THE SURFACE WITH A FINE-HAIR BROOM AT RIGHT ANGLES TO E. TOOL ALL EDGES, JOINTS & MARKINGS.
2. EXPANSION JOINTS OF 1/2" MIN. RIGID BITUMINOUS MAT'L SHALL BE PLACE AT 25' SPACING
3. MARK THE WALK AT 5' INTERVALS W/ JOINTING TOOL
4. AFTER FINISHING, APPLY AN APPROVED CURING COMPOUND, PROTECT SIDEWALK FOR 7 DAYS.



CONCRETE SIDEWALK
HOT TO SCALE



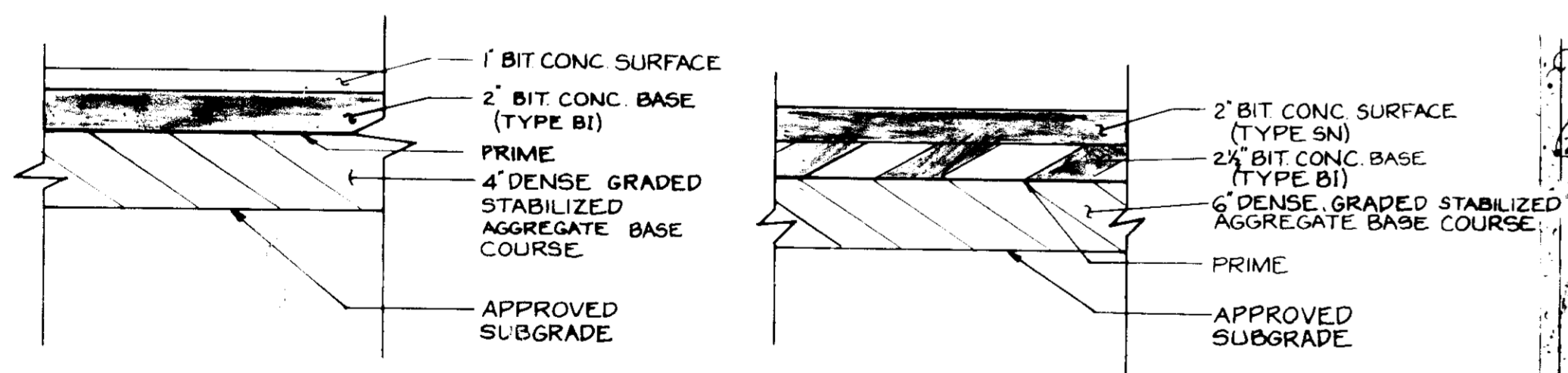
APPROVED PLANNING BOARD
HOWARD COUNTY
DATE: 1-3-90
J.B.

HANDICAPPED PARKING SIGN DETAIL
SCALE: 1/2" = 1'-0"

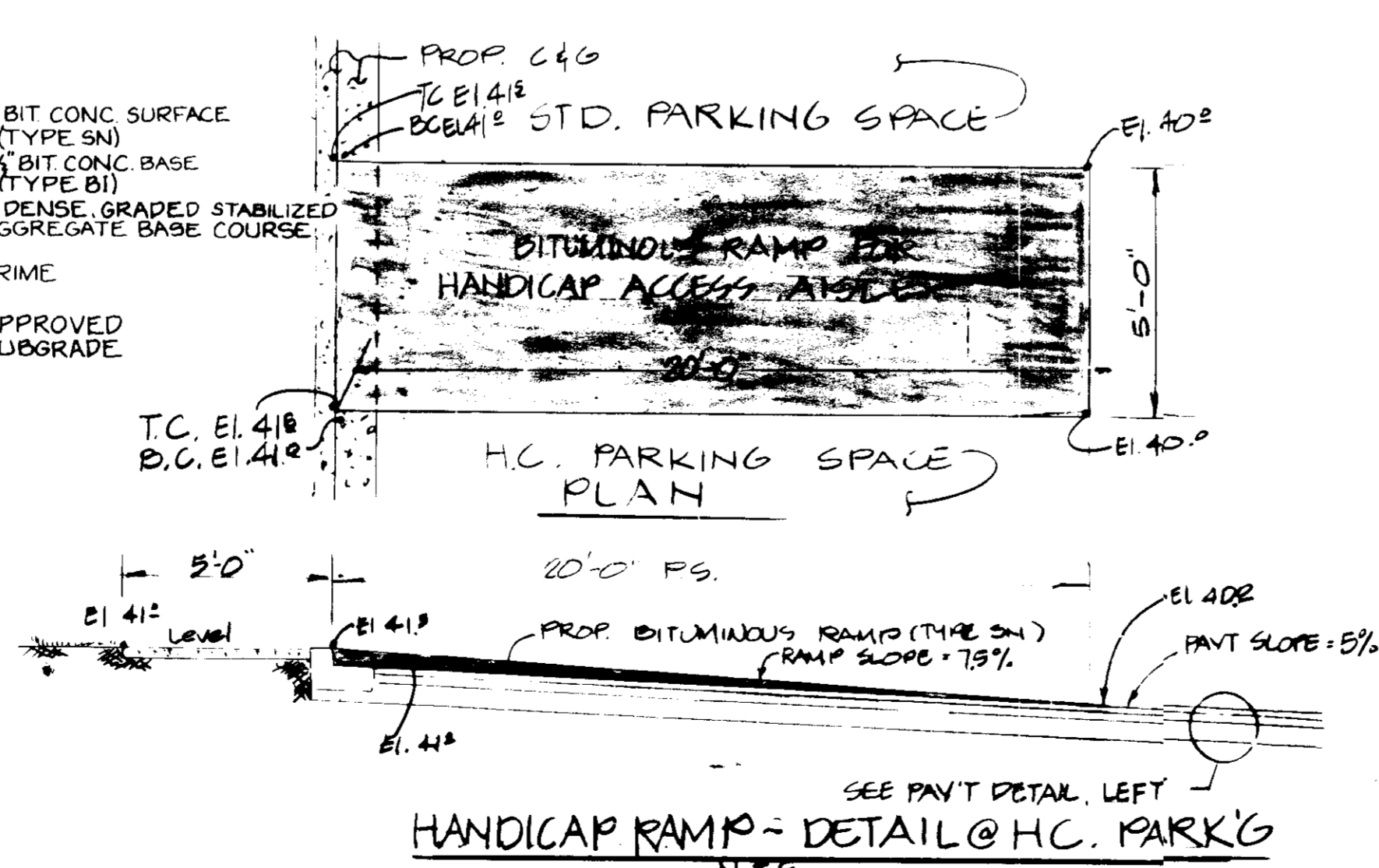
NOTE:
THE ABOVE FINE SIGN SHALL BE MOUNTED BELOW THE RESERVED PARKING SIGN. THE BOTTOM EDGE SHALL BE NO LESS THAN 7' ABOVE GROUND.

NOTES TO CONTRACTOR

1. ALL CONCRETE SHALL BE MSHA MIX NO. 2, UNLESS OTHERWISE NOTED.
2. CONCRETE SIDEWALKS AND CONCRETE PADS SHALL BE CONSTRUCTED TO A DEPTH OF 4 INCHES. SIDEWALKS SHALL BE SLOPED AWAY FROM BUILDINGS.
3. ALL COMBINATION CURB AND GUTTER SHOWN IS HOWARD COUNTY 4-3.01 STANDARD.
4. THE CONTRACTOR SHALL FOLLOW THE RECOMMENDATIONS OF THE "SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING EVALUATION" PREPARED FOR THIS SITE FOR LA PETITE ACADEMY BY PROELING AND ROBERTSON, INC., DATED MAY 30, 1989.



PAVEMENT DETAILS
N.T.S.



HANDICAP RAMP - DETAIL @ H.C. PARK'G
N.T.S.

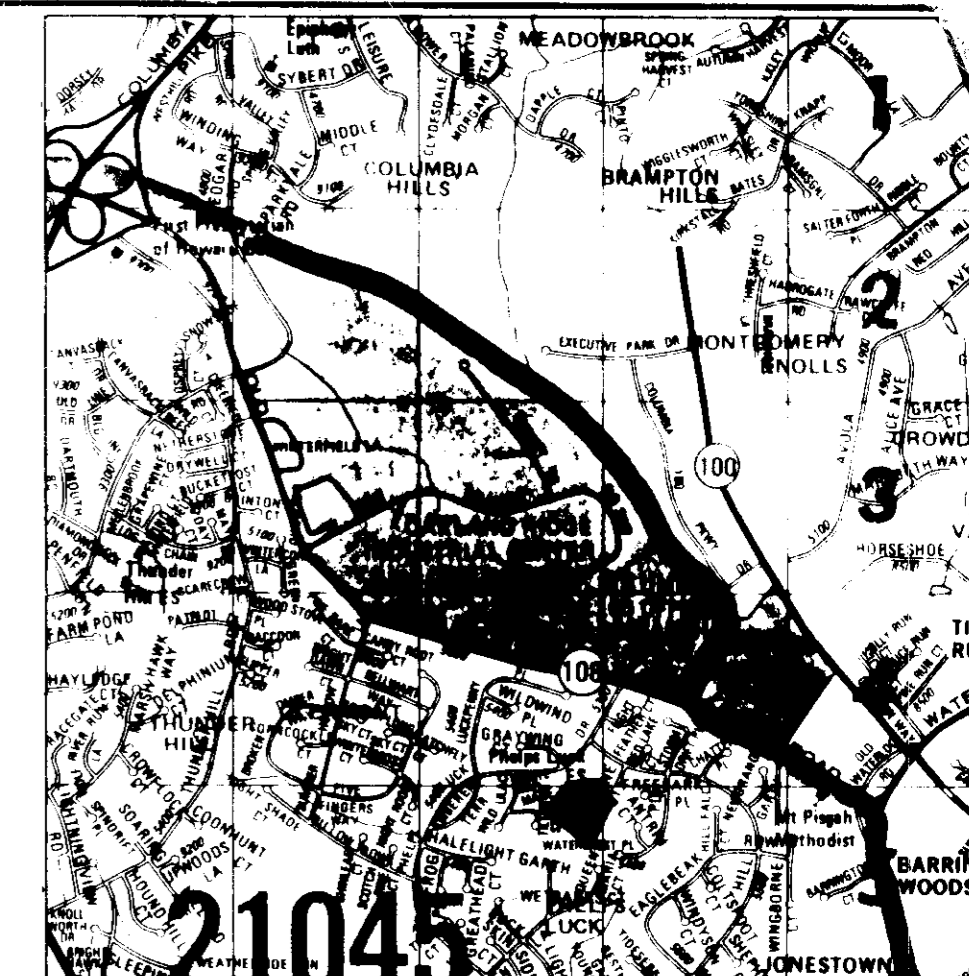
PLANT SCHEDULE

FEY	QUANTITY	BOTANICAL NAME COMMON NAME	SIZE	COND	REMARKS
1	6	Tilia Cordata 'Greenspire' Greenspire Linden	2 1/2" CAL.	B&B OR TS	BRANCH @ 5'
2	3	Malus Floribunda Japanese Crabapple	8-10' HGT.	B&B	
3	1	Betula aximowicziana Monarch Birch	8-10' HGT.	B&B	
10	12	Kerria Japonica Kerria	24"	B&B	36" oc
11	10	Forsythia Xintermedia Forsythia	36"	B&B	42" oc
12	11	Cornus Sericea Redtwig Dogwood	24"	B&B	42" oc
13	8	Euonymus Alatus compacta Dwarf Winged Eucymous	24"	B&B	42" oc
14	9	Rhododendron 'Purple Splendor' Purple Splendor Azalea	18"	B&B	30" oc
15	3	Rhododendron Anna Kruske Purple Rhododendron	24"	B&B	36" oc
16	9	Rhododendron Gumpo White White Gumpo Azalea	18"	B&B OR CONT	30" oc
17	6	Rhododendron Cunningham White White Rhododendron	18"	B&B OR CONT	30" oc
18	21	Pinus Strobus White Pine	6-8' HGT.	B&B OR CONT	
19	3	Acer Rubrum Red Maple	2 1/2" CAL.	B&B OR TS	BRANCH @ 5'
20	2	Quercus Rubra Red Oak	2 1/2" CAL.	B&B OR TS	BRANCH @ 5'

ALL PLANTINGS SHALL CONFORM TO ALL APPLICABLE HOWARD COUNTY AAM AND LCAM STANDARDS AND SPECIFICATIONS.

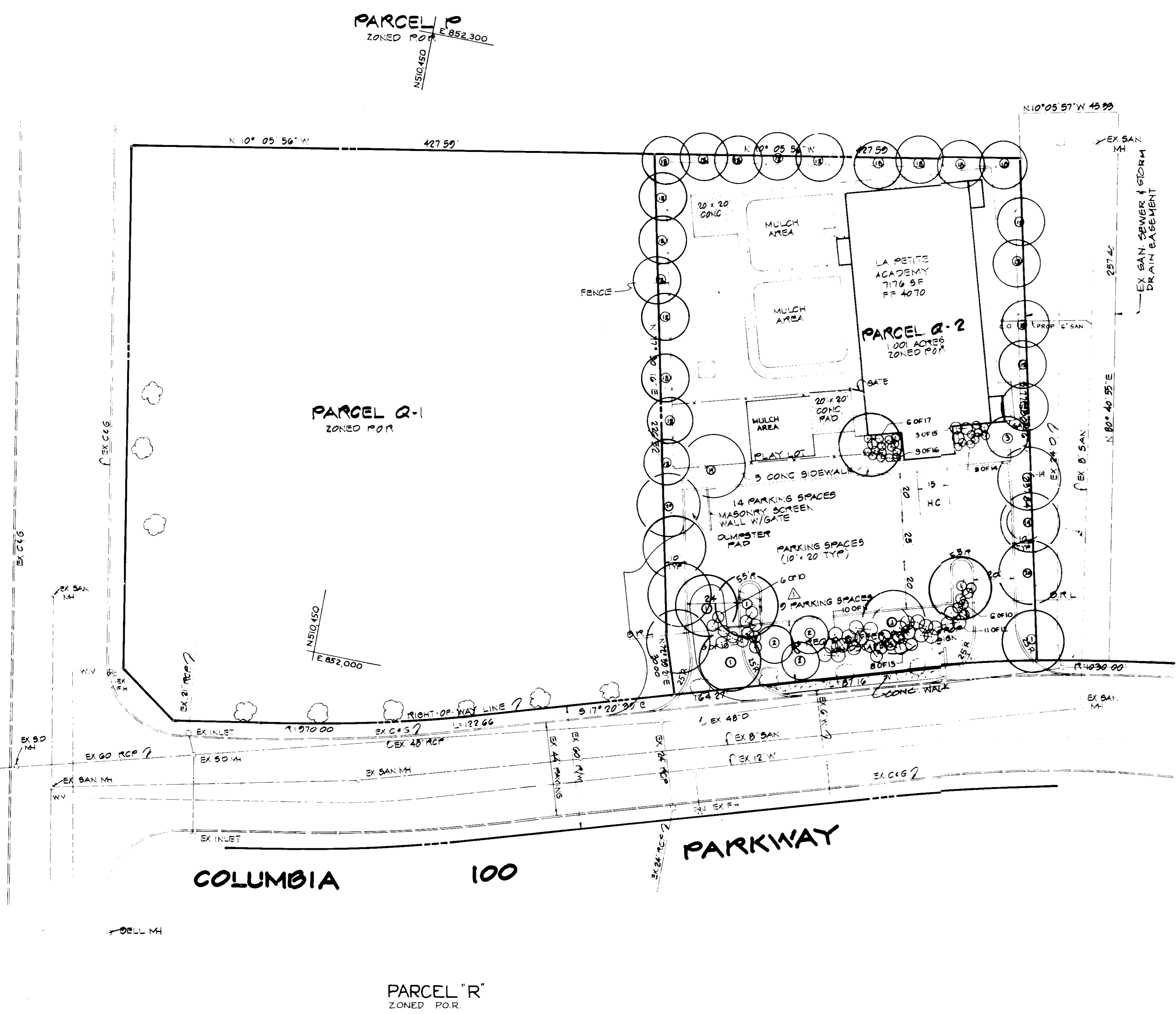
PARCEL N
ZONE P.O.R.

NOTE: MULCH FOR PLAY AREA SHALL BE
1/2" - 2" HARDWOOD CHIP.



VICINITY MAP
SCALE 1" = 200'

EXECUTIVE PARK DRIVE



APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 1-3-90

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT	
<i>Jocelyn W. Broadwin</i> COUNTY HEALTH OFFICER	3-23-90 DATE
APPROVED: HOWARD COUNTY DPT. OF PLANNING AND ZONING	
<i>James A. Smith</i> PLANNING DIRECTOR	4/11/90 DATE
<i>Frank S. Young Jr.</i> CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT	4/24/90 DATE
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.	
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
<i>James W. Smith</i> DIRECTOR	3/19/90 DATE
<i>William S. Ray</i> CHIEF, BUREAU OF ENGINEERING	3-3-90 DATE

OWNER/DEVELOPER
LA PETITE ACADEMY, INC.
CITY CENTER SQUARE
P. O. BOX 26610
KANSAS CITY, MISSOURI 64196

PROJECT: COLUMBIA 100 OFFICE RESEARCH PARK
PARCEL Q-2
SECTION 1, AREA 2
A ONE STORY DAY CARE CENTER

AREA: TAX MAP 30 ZONED P. O. R. PLAN NO 7528 COLUMBIA 100
OFFICE RESEARCH PARK SECTION 1, AREA 2 PARCEL Q-2 2 ND
ELECTION DISTRICT, HOWARD COUNTY, MARYLAND



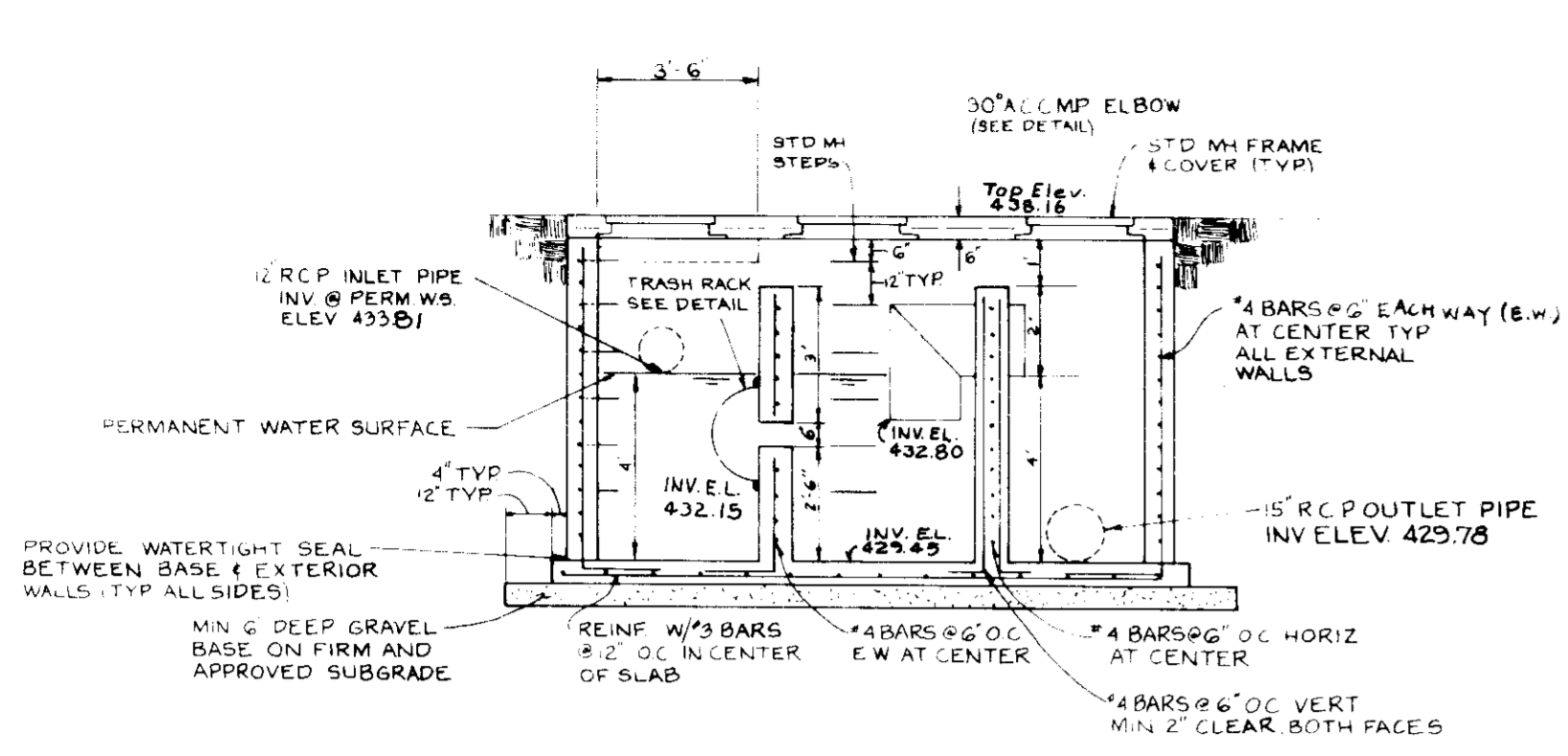
NOTE: THIS PLAN FOR
LANDSCAPE ONLY.

Harris, Smariga, Matz, Inc.
Planners/Engineers/Surveyors
115-B Sudbrook Lane/Pikeville, MD 21208
(301) 486-1511

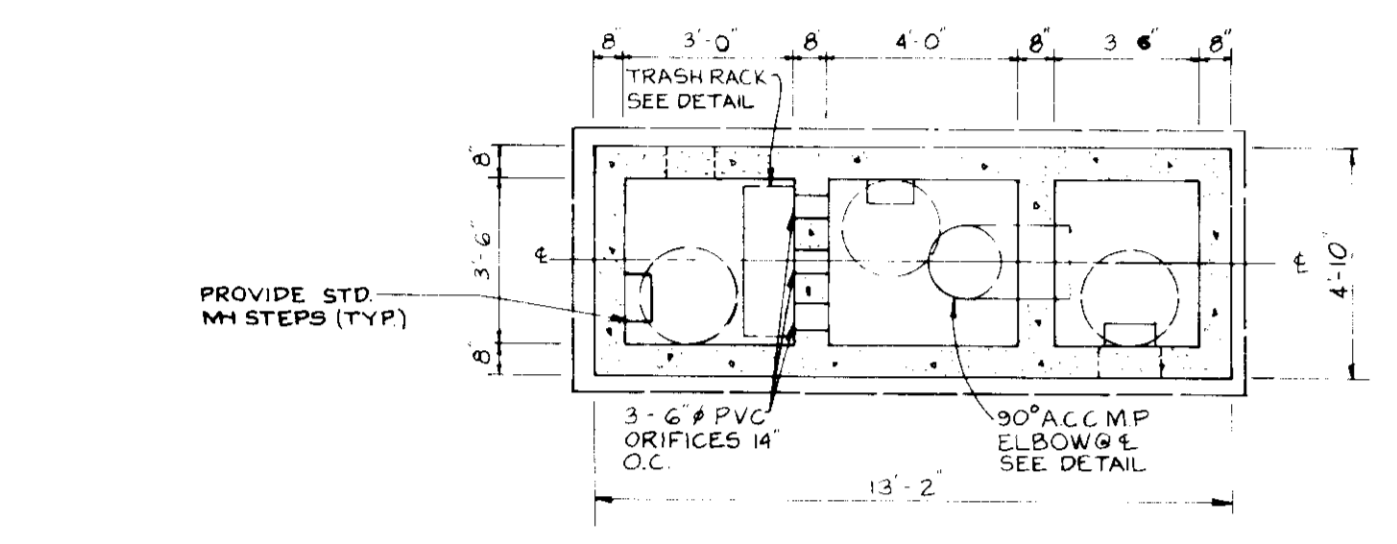
REVISIONS
△ REVISE ENTRANCE PLANTING & PLANTING SCHEDULE J.V. 0-18-90

LANDSCAPE PLAN
LA PETITE ACADEMY

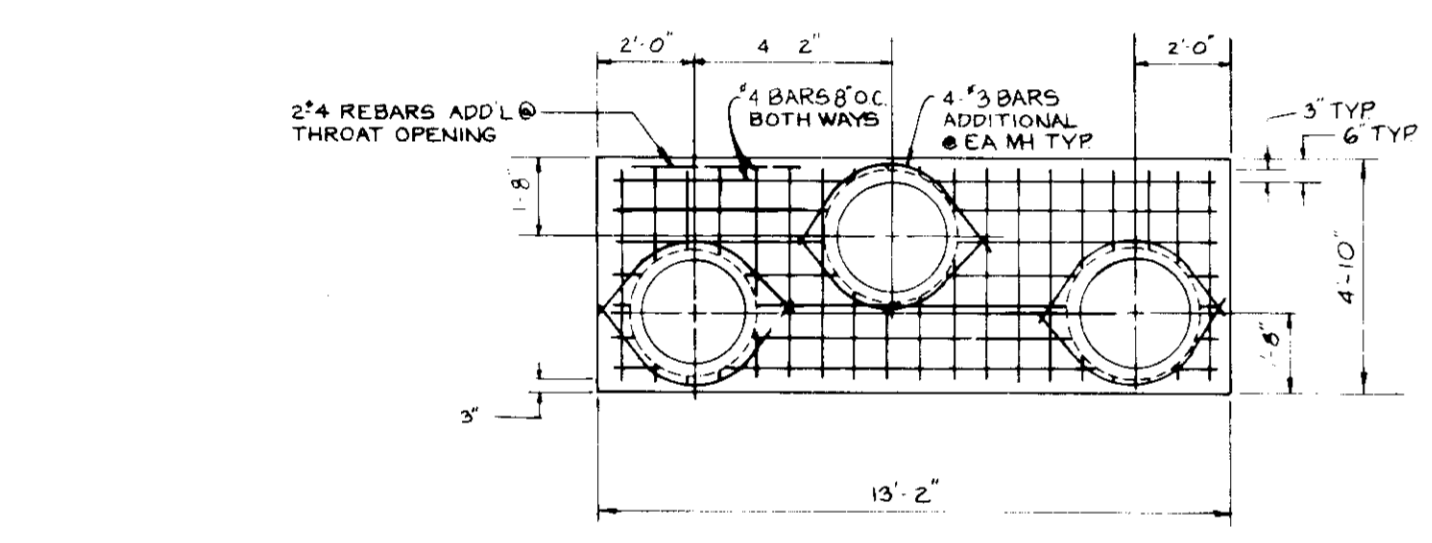
SCALE 1" = 90'
DRAWN BY WCH
CHECKED BY TUL
DATE 6-28-90
SHEET 6 OF 7
PROJECT NO. 40220



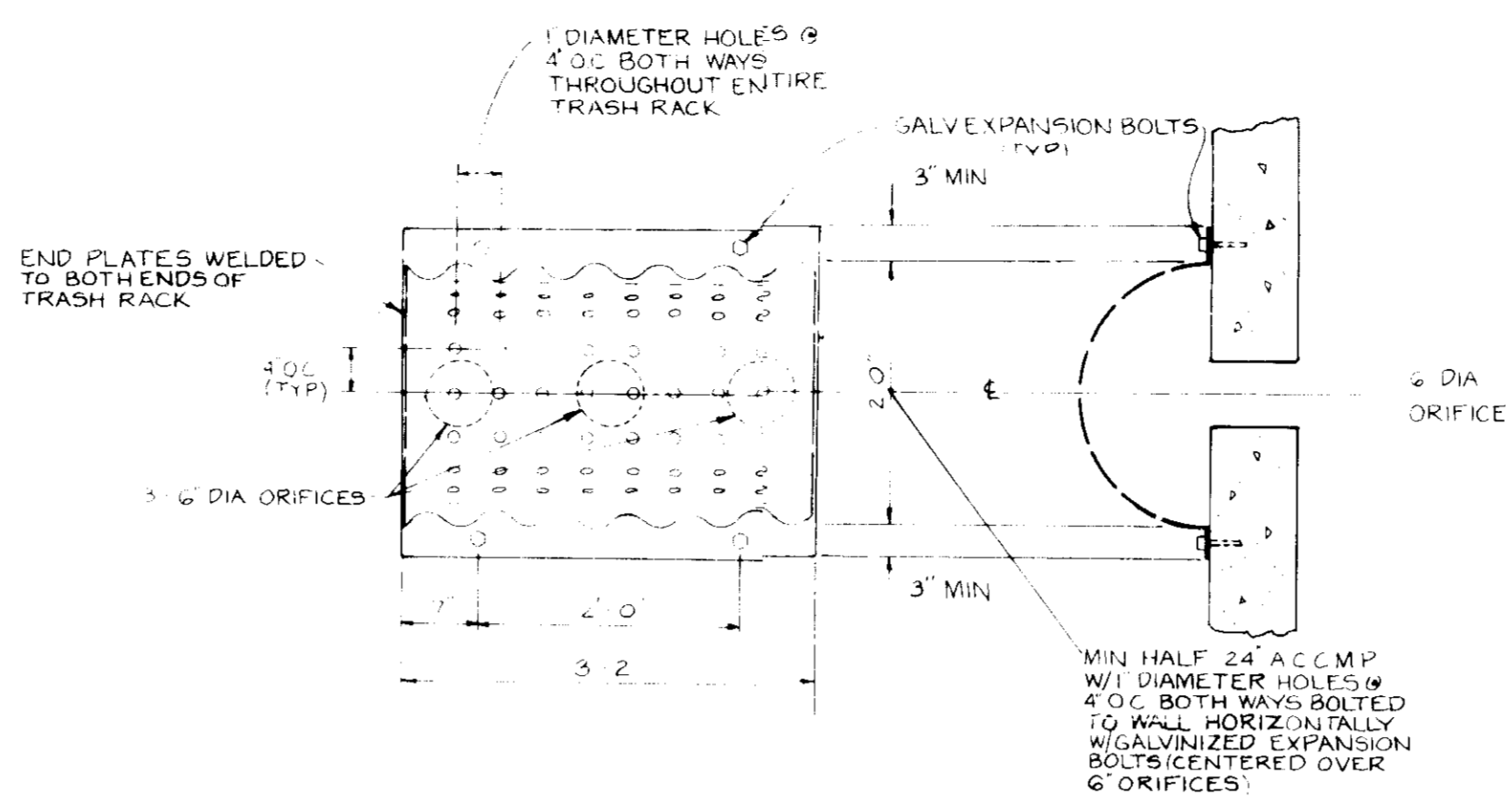
SECTION



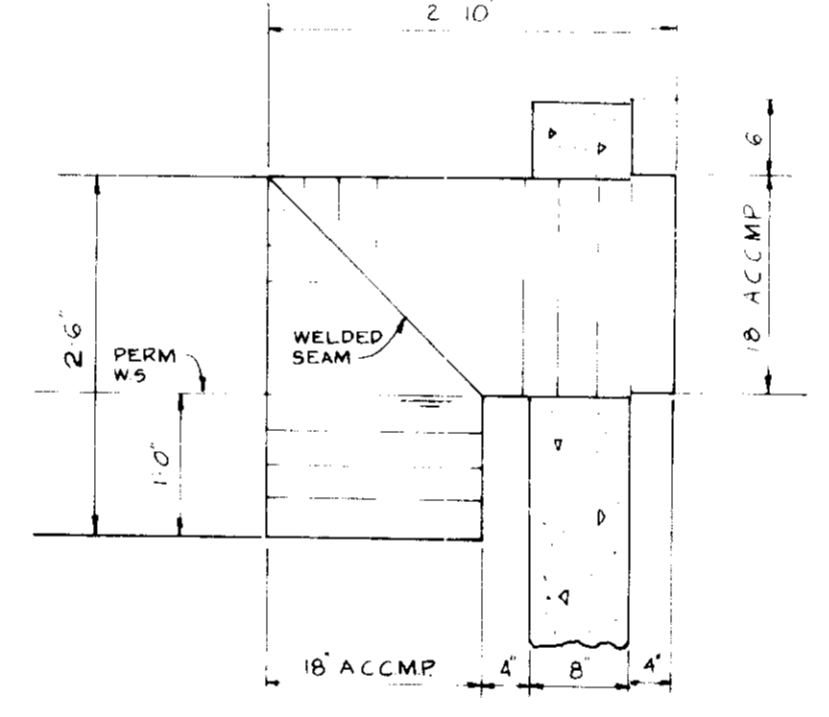
PLAN VIEW



PLAN VIEW OF TOP SLAB



TRASH RACK
SCALE: 3/4" = 1'-0"



90° ACC.M.P. ELBOW
SCALE: 3/4" = 1'-0"

WATER QUALITY CONTROL STRUCTURE
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

- USE POURED-IN-PLACE CONCRETE FOR THE ENTIRE STRUCTURE.
- REFER TO MARYLAND STATE HIGHWAY ADMINISTRATION FOR MATERIALS AND METHODS OF CONSTRUCTION.
- WALL THICKNESS SHALL BE AS FOLLOWS:
MINIMUM 8 INCHES THICK FOR THE FIRST 8'-0" OF DEPTH, 12 INCH THICK WALLS BETWEEN 8'-0" AND 12'-0" OF DEPTH AND 16 INCH THICK WALLS FOR DEPTH GREATER THAN 12'-0". DEPTH TO BE MEASURED FROM TOP OF TOP SLAB TO CROWN OF OUTGOING PIPE.
- $f'_c = 3,500$ PSI AT 28 DAYS.
- ALL REINFORCING STEEL TO BE ASTM A615, GR.60.
- FOR DETAILS CONCERNING THROAT OPENINGS, REFER TO HOWARD COUNTY STANDARD DETAIL SD.4.01.
- FOR DETAILS NOT NOTED IN THIS STANDARD, REFER TO HOWARD COUNTY STANDARD DETAIL SD.4.01.
- THE TOP 4 INCHES OF WALLS MAY BE BRICK MASONRY FOR LEVELING, IF REQUIRED. BRICK MASONRY SHALL COMPLY WITH THE LATEST SHA SPECIFICATIONS.

CONSTRUCTION NOTES:

- SILT AND DEBRIS SHALL NOT BE ALLOWED TO ENTER THE STRUCTURE UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED.
- OPENINGS TO THE STRUCTURE SHALL BE PROTECTED WITH APPROPRIATE SEDIMENT CONTROL MEASURES DURING CONSTRUCTION.

INSPECTION NOTES:

- PRIOR TO START OF CONSTRUCTION ON THE WATER QUALITY CONTROL STRUCTURE, THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS INSPECTOR MUST BE CALLED 48 HOURS IN ADVANCE AT 792-2630.
- THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS INSPECTOR MUST BE NOTIFIED AT EACH OF THE FOLLOWING STAGES:
 - APPROVAL OF SUBGRADE FOR FOOTINGS.
 - FOOTING FORMED AND STEEL SET PRIOR TO POURING.
 - STRUCTURE SIDES FORMED AND STEEL SET PRIOR TO POURING.
 - PRIOR TO TOP SLAB AND MANHOLES BEING SET, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS INSPECTOR MUST CHECK STRUCTURE. ALL DEBRIS AND SILT IN STRUCTURE MUST BE REMOVED.
 - WHEN SITE IS PERMANENTLY STABILIZED AND INLET PROTECTION SEDIMENT CONTROL MEASURES ARE TO BE REMOVED.

MAINTENANCE NOTES:

- WATER QUALITY CONTROL STRUCTURES WILL REQUIRE PERIODIC CLEANING. OWNERS OF THESE FACILITIES WILL HAVE TO CLEAN THEM AS NEEDED, OR ON A FREQUENCY THAT THE COUNTY DETERMINES IS APPROPRIATE. OWNERS OF WATER QUALITY CONTROL STRUCTURES WILL BE NOTIFIED BY THE COUNTY OF THE FREQUENCY OF MAINTENANCE.
- MAINTENANCE OF THESE FACILITIES WILL CONSIST OF CLEANING OUT THE WATER QUALITY CONTROL STRUCTURE, DISPOSAL OF THE WASTE AND REPAIR OF THE FACILITY AS NEEDED. PERIODIC INSPECTIONS OF THESE FACILITIES WILL BE MADE BY THE COUNTY STORMWATER MANAGEMENT GROUP.
- THE DISPOSAL OF THE LIQUID AND SOLID MATTER SHOULD BE AS FOLLOWS:
 - ALL LIQUID MATERIAL IN THE WATER QUALITY CONTROL STRUCTURE SHALL BE PUMPED INTO A SUITABLE TANK TRUCK AND DISPOSED OF AT AN APPROVED SANITARY DISTRICT DISCHARGE MANHOLE OR BE TAKEN TO AN APPROVED SEWAGE TREATMENT PLANT FOR DISCHARGE.
 - THE SOLID MATERIAL SHALL BE LANDFILLED IN AN APPROVED SANITARY LANDFILL.
- INLET PIPE, TRASH RACK, GRATE, AND STRUCTURAL PARTS SHALL BE REPAIRED AS NEEDED.

APPROVED
PLANNING BOARD
HOWARD COUNTY
DATE: 1-3-90
J.B.



SCALE AS SHOWN
DRAWN BY: J.S.B.
CHECKED BY: J.B.B.
DATE: 6-28-89
SHEET: 7 OF: 7
PROJECT NO: 40290

Stage	Developer's/Engineer's Approval		DPW Inspector's Approval	
	Initials	Date	Initials	Date
1. Pre-construction meeting.*				
2. Installation of water quality control structure and associated storm drainage:*				
a. Footing subgrade prior to pouring.*				
b. Footing formed and steel set prior to pouring.*				
c. Structure sides formed and steel set prior to pouring.*				
d. Prior to top slab and manholes being set, DPW inspector must inspect all cast-in-place and precast structures for proper assembly.*				
3. Site is permanently stabilized, sediment control measures removed and all sediment and debris removed from the structure.*				
4. Final inspection.*				

NOTE: See Construction Specifications for detailed requirements.

* Mandatory notification/approval of Howard County Department of Public Works Inspector prior to proceeding with next stage. Call 792-2630 prior to 12:00 noon on the preceding day to arrange for notification/inspection.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.	<i>James B. ...</i> COUNTY HEALTH OFFICER	3-25-90 DATE
APPROVED: HOWARD COUNTY DPT. OF PLANNING AND ZONING	<i>James B. ...</i> PLANNING DIRECTOR	4/11/90 DATE
	<i>David ...</i> CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT	4/24/90 DATE
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.	HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
	<i>James ...</i> DIRECTOR	3/19/90 DATE
	<i>Michael ...</i> CHIEF, BUREAU OF ENGINEERING	3-8-90 DATE

OWNER/DEVELOPER
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CITY CENTER SQUARE
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PARCEL Q-2
SECTION 1, AREA 2
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OFFICE RESEARCH PARK SECTION 1, AREA 2 PARCEL Q-2 2 ND
ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

**TITLE: WATER QUALITY CONTROL STRUCTURE
DETAILS AND NOTES**

Harris, Smariga, Matz, Inc.
Planners/Engineers/Surveyors
115-B Sudbrook Lane/Pikesville, MD 21208
(410) 466-1811

REVISIONS: