

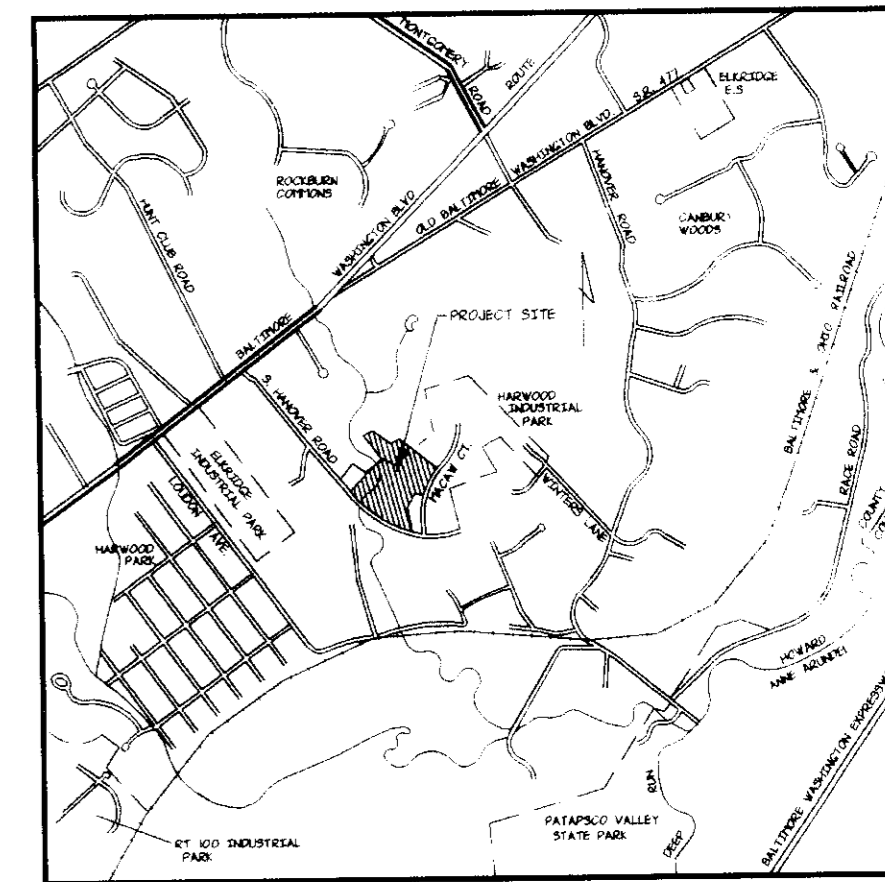
SHEET INDEX	
NO.	DESCRIPTION
1	TITLE SHEET
2	SITE DEVELOPMENT PLAN-SOUTH
3	SITE DEVELOPMENT PLAN-NORTH
4	PROFILES
5	PROFILES
6	CONSTRUCTION DETAILS
7	CONSTRUCTION DETAILS
8	CONSTRUCTION DETAILS
9	EXISTING CONDITIONS, DRAINAGE AREAS, & ENVIRONMENTAL ANALYSIS PLAN
10	SEDIMENT CONTROL AND DRAINAGE AREA MAP
11	STORMWATER AND SEDIMENT CONTROL NOTES AND DETAILS
12	LANDSCAPING PLAN

SITE DEVELOPMENT PLAN

NEW PENN MOTOR EXPRESS, INC.

TERMINAL EXPANSION PROJECT

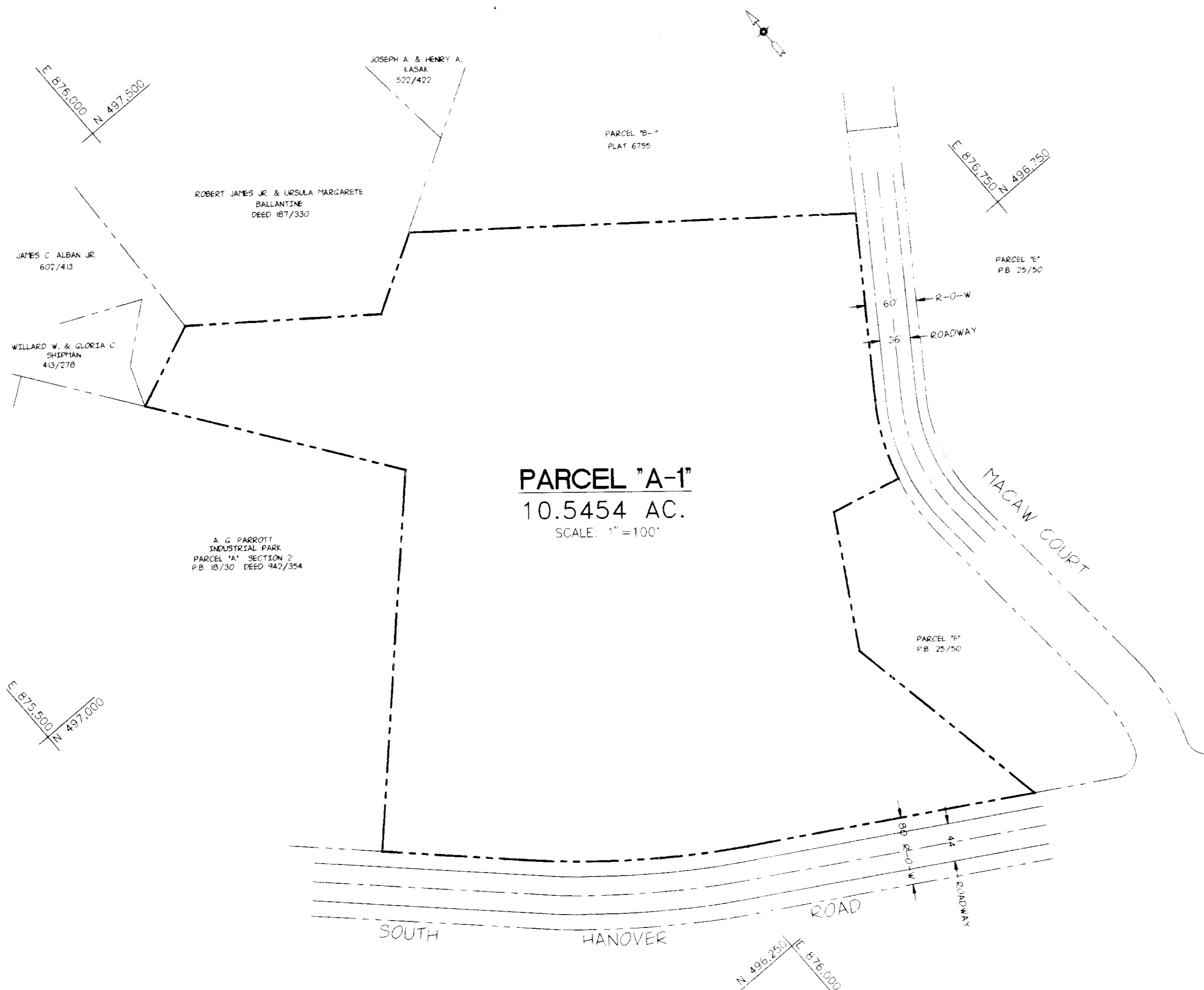
HARWOOD INDUSTRIAL CENTER 6351 SOUTH HANOVER ROAD HOWARD COUNTY, MARYLAND



VICINITY MAP
SCALE: 1" = 2000'

GENERAL 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 THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF CONSTRUCTION INSPECTION AT (301) 792-7272 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
- AN ORIGINAL RECORD PLAT FILE NUMBER F-73-43, WAS APPROVED IN 1973 BY HOWARD COUNTY, MARYLAND. ON JULY 13, 1977, A SITE DEVELOPMENT PLAN APPROVAL WAS GRANTED BY HOWARD COUNTY, MARYLAND TO THEN OWNER AND DEVELOPER DIGNAN TRUCKING INC. THE COUNTY FILE NUMBER IS S99-77-95. IN 1986, A RESUBDIVISION OF PARCELS "A" & "B" WAS APPROVED, THEREBY CREATING PARCEL "A-1" THE COUNTY FILE NUMBER IS F-86-165.
- PARCEL "A-1" AND ALL ADJACENT PROPERTIES ARE ZONED M-1.
- TRAFFIC CONTROL DEVICES, MARKINGS, AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
- ALL PLAN DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
- THE BOUNDARY AND TOPOGRAPHICAL SURVEY WAS PERFORMED BY HARRIS, SMARIGA, MATZ, INC. OF BALTIMORE, MARYLAND DURING NOVEMBER 1991. THE CONTOUR INTERVAL CONTAINED ON THESE PLANS ARE ONE (1) FOOT. COORDINATES ARE BASED ON MARYLAND STATE GRID AS TAKEN FROM A PLAT OF RESUBDIVISION OF "HARWOOD INDUSTRIAL CENTER" PLAT 6755, HOWARD COUNTY, MARYLAND. VERTICAL CONTROL WAS BASED UPON THE FOLLOWING HOWARD COUNTY CONTROL POINTS:
2445004 ELEVATION 192.59
2445005 ELEVATION 172.65
- PARCEL "A-1" IS SERVED BY PUBLIC WATER AND SEWER. THE WATER AND SANITARY SEWER MAINS ARE LOCATED WITHIN THE RIGHT-OF-WAY OF SOUTH HANOVER ROAD. THE CONTRACT NUMBER FOR THE WATER AND SEWER IS 256.
- THE 100 YEAR FLOODPLAIN AND DRAINAGE EASEMENT AS SHOWN ON DWGS NO. 2 & 3 OF 12 WAS TAKEN FROM THE SITE DEVELOPMENT PLANS APPROVED IN 1977 WHICH WAS ORIGINALLY TAKEN FROM PLANS PREPARED BY PURDUM AND JESCHKE, CONSULTING ENGINEERS. THE 100 YEAR FLOOD ELEVATION CORRESPONDED TO THAT AS SHOWN ON THE APPROVED RESUBDIVISION OF PARCELS "A" & "B" DATED 1986.
- APPROXIMATE LOCATIONS 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.
- INDICATION OF SLOPES 15-24.99% AND THOSE 25% OR GREATER ARE SHOWN ON DWG. NO. 9 OF 12.
- NORTH ARROW AS SHOWN ON THESE DRAWINGS REPRESENT MARYLAND GRID NORTH.
- STORMWATER MANAGEMENT FACILITIES WILL BE PROVIDED FOR STORMWATER QUALITY AND RUNOFF RATE CONTROL THROUGH THE USE OF AN OIL/WATER SEPARATOR AND MODIFICATION OF AN EXISTING DETENTION BASIN.
- A WETLANDS DELINEATION STUDY WAS CONDUCTED ON JANUARY 30, 1992. THE WETLANDS WERE IDENTIFIED AND DELINEATED USING THE ROUTINE DELINEATION METHODOLOGY PROCEDURE FOR DISTURBED AREAS AS DESCRIBED IN THE FEDERAL MANUAL FOR IDENTIFYING AND DELINEATING JURISDICTIONAL WETLANDS U.S. ACOE, U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA), U.S. FWS, AND THE U.S. DEPARTMENT OF AGRICULTURE SCS, 1984. A JOINT APPLICATION FOR THE ALTERATION OF A NONTIDAL WETLAND WAS SUBMITTED ON MARCH 11, 1992 TO WETLANDS AND WATERWAYS PROGRAM, HOWARD COUNTY DEPT. OF PLANNING AND ZONING AND HOWARD COUNTY CONSERVATION DISTRICT.
- STORMWATER MANAGEMENT FACILITIES WILL BE PRIVATELY OWNED AND MAINTAINED.
- AN OPEN-TOP ROLL-OFF SITE REFUSE STORAGE. THE TYPICAL SIZE FOR THESE CONTAINERS IS 8 IN WIDTH AND 20 IN LENGTH. ADEQUATE SPACE FOR THE CONTAINER IS PROVIDED AT THE LOCATION IDENTIFIED ON DWG. NO. 3 OF 12.
- THE EXISTING AND PROPOSED BUILDINGS ON SITE SHALL BE EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM.
- ALL TREES OUTSIDE OF THE LIMIT OF DISTURBANCE SHALL BE RETAINED. FOLLOWING THE PROPOSED CONSTRUCTION, PROTECTIVE FENCING SHALL BE INSTALLED ALONG THE LIMIT OF DISTURBANCE WITHIN THE TREE AREA TO PROTECT THE TREES WHICH ARE TO REMAIN. REFER TO PROTECTIVE FENCE DETAIL ON DWG. NO. 3 OF 12.



PARCEL "A-1"
10.5454 AC.
SCALE: 1" = 100'

SITE ANALYSIS

PROJECT BACKGROUND		PARKING REQUIRED (AS PER ZONING REGULATIONS)	
SITE AREA (PARCEL "A-1"):	459,358 SQ. FT. ±	127 B.2.b.(7) MANUFACTURING	@1 SPACE/500 SQ. FT.
ZONING:	M-1	127 B.2.b.(7) MANUFACTURING	24,633 SQ. FT./500 - 49
INTENDED USE OF STRUCTURES:	OFFICE, MAINTENANCE & TRUCK TERMINAL	127 B.2.b.(13) OFFICES	@7 SPACES/10 EMPLOYEES WORKING AT ONE TIME
FLOOR SPACE PER USE:			7/10 x 7 = 5
OFFICE (LOWER LEVEL):	4,036 SQ. FT.	TOTAL:	49 + 5 = 54
OFFICE (UPPER LEVEL):	4,036 SQ. FT.	NUMBER OF PARKING SPACES PROVIDED:	
OFFICE (TERMINAL AREA):	1,020 SQ. FT.	TRACTOR:	50
MAINTENANCE AREA:	4,120 SQ. FT.	TRAILER:	44
TERMINAL:	18,713 SQ. FT.	EMPLOYEES:	64
BUILDING COVERAGE ON SITE:	28,669 SQ. FT. (6.2% OF TOTAL SITE)	VISITORS:	5
		HANDICAPPED:	3
NUMBER OF EMPLOYEES:		AREA OF PARKING:	53,427 SQ. FT.
OFFICE:	16	LANDSCAPED ISLANDS REQUIRED:	2,671 SQ. FT. (5%)
OTHERS:	47	LANDSCAPED ISLANDS PROVIDED:	4,495 SQ. FT. (18.3%)
TOTAL:	63		

ADDRESS CHART	
PARCEL	STREET ADDRESS
A-1	6351 SOUTH HANOVER ROAD

SECTION	BLOCK	ZONING	TAX MAP NO.	ELECT. DIST.	CENSUS TRACT
HARWOOD INDUSTRIAL CENTER	14	M-1	38	41	6012
PLAT #	6755				
WATER CODE	AO1				

CERTIFICATION BY THE DEVELOPER:
I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND BEFORE BEGINNING THE PROJECT. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.

Signature of Developer _____ 9/15/92 Date

CERTIFICATION BY THE ENGINEER:
I CERTIFY THAT THIS PLAN FOR PONDS, 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. I HAVE NOTIFIED THE DEVELOPER, THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION.

Signature of Engineer _____ 9/16/92 Date

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

Signature _____ 9/21/92 Date
U.S. Soil Conservation Service

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

APPROVED: *Robert W. Zehn/Es.* 9/21/92 Date
Howard S.C.D.

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

Signature _____ 3-10-93 Date
County Health Officer

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Signature _____ 9/15/92 Date
Director

Signature _____ 5/11/93 Date
Chief, Division of Community Planning and Land Development

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

Signature _____ 3/3/93 Date
Director

Signature _____ 9-29-92 Date
Chief, Bureau of Engineering

NO.	DATE	DESCRIPTION
1	7/2/92	ADD NOTES 18 AND 19, REVISE SITE ANALYSIS AND PERMIT BLOCK.
2	8/25/92	REVISE SITE ANALYSIS BLOCK.

OWNER AND DEVELOPER
NEW PENN MOTOR EXPRESS, INC.
625 SOUTH FIFTH AVENUE
LEBANON, PENNSYLVANIA 17042
(717) 274-2521

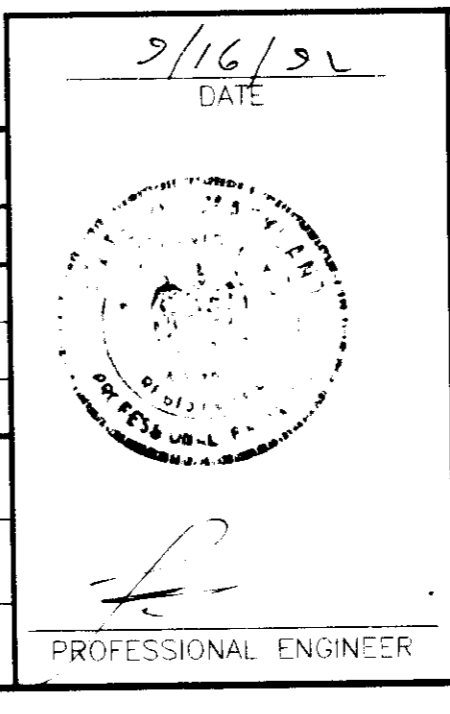
TITLE SHEET
OF
PARCEL "A-1"
RECORDED IN PLAT BOOK 6755
HARWOOD INDUSTRIAL CENTER
FIRST ELECTION DISTRICT-HOWARD COUNTY, MARYLAND

CENSUS TRACT NO. 6012 TAX MAP NO. 38

SCALE: AS NOTED
DATE: 4/15/92
NO. Y120008-02

SKELLY AND LOY Inc.
ENGINEERS-CONSULTANTS
2601 N. FRONT STREET
HARRISBURG, PENNSYLVANIA 17110
(717) 232-0593

DRAWN BY: H.L.S.
CHECKED BY: B.A.
DWG. NO. 1 OF 12



NOTES:

- FIRE SUPPLY WITH METERED WATER SERVICE INSIDE BUILDING PER HOWARD COUNTY DPW STD. DETAIL W3.44.
- REMOVE EXISTING SANITARY DUMP STATION AND REPLACE WITH STD. PRECAST MANHOLE. (TH 6881-1 ON WATER AND SANITARY SEWER PROFILE, DRAWING 5 OF 12).
- EXISTING MANHOLE 7 TO BE EXTENDED TO MATCH PROPOSED GRADE.
- EXISTING LIGHT POLES TO BE REMOVED. YARD LIGHTING WILL BE PROVIDED BY LIGHTS MOUNTED ON THE TERMINAL BUILDING.
- AT TIME OF CONSTRUCTION, THE NEED TO MAINTAIN EXISTING CLEANOUTS WILL BE DETERMINED, THOSE WHICH WILL BE MAINTAINED WILL BE ADJUSTED TO MATCH PROPOSED GRADES.
- WAIVER PETITION WP 92-179 WAS APPROVED TO PERMIT THE DISTURBANCE TO NONTIDAL WETLANDS AND STEEP SLOPES LOCATED ON THE EAST SIDE OF THE SITE.
- ALL CONSTRUCTION TO BE PERFORMED IN ACCORDANCE WITH CONDITIONS AND MANAGEMENT PRACTICES FOR WORKING IN NONTIDAL WETLANDS (PERMIT NUMBER 92-NI-0252), (WATERWAY CONSTRUCTION PERMIT NUMBER 92-MR-1033), AS LISTED BELOW:
 - REMOVE EXCESS FILL OR CONSTRUCTION MATERIAL OR DEBRIS TO AN UPLAND DISPOSAL AREA OF THE BUFFER;
 - IF BACKFILL IS OBTAINED, USE CLEAN MATERIAL FREE OF WASTE METAL PRODUCTS, UNSIGHTLY DEBRIS, TOXIC MATERIAL OR ANY OTHER DELETERIOUS SUBSTANCE;
 - PLACE MATERIALS IN A LOCATION AND MANNER WHICH DOES NOT ADVERSELY IMPACT SURFACE OR SUBSURFACE WATER FLOW INTO OR OUT OF THE NONTIDAL WETLAND;
 - MAINTAIN THE HYDROLOGIC REGIME OF THE NONTIDAL WETLANDS OUTSIDE THE LIMITS OF DISTURBANCE;
 - RECTIFY ANY NONTIDAL WETLANDS AND BUFFERS TEMPORARILY IMPACTED BY THE PERMITTED ACTIVITY. ALL STABILIZATION IN THE WETLAND AND BUFFER SHALL BE OF THE FOLLOWING RECOMMENDED SPECIES: ANNUAL RYEGRASS (*LOLIUM MULTIFLORUM*), MILLET (*SETARIA ITALICA*), OATS (*UNICOLA SP.*), AND/OR RYE (*SECALE CEREALE*). OTHER NON-PERSISTENT VEGETATION MAY BE ACCEPTABLE, BUT MUST BE APPROVED BY THE NONTIDAL WETLANDS DIVISION. KENTUCKY 31 FESCUE SHALL NOT BE UTILIZED IN THE WETLAND OR BUFFER. ALL TEMPORARY FILLS SHALL BE REMOVED IN THEIR ENTIRETY ON OR BEFORE THE COMPLETION OF CONSTRUCTION.
 - TO PROTECT IMPORTANT AQUATIC SPECIES, IN-STREAM WORK IS PROHIBITED AS DETERMINED BY THE CLASSIFICATION OF THE STREAM AS FOLLOWS:
 - CLASS I WATERS. IN-STREAM WORK MAY NOT BE CONDUCTED DURING THE PERIOD MARCH 1 THROUGH JUNE 15, INCLUSIVE, DURING ANY YEAR.

DRAINAGE STRUCTURES TABLE

Structure	Elev. Top of Grade	Inn. To/From Elev.	Description/Howard County Department of Public Works Standard Detail Number
Proposed Sides 1a	123.75	122.50+123.23/119.75	Yard Sides (SD 4.14)
Proposed Sides 1 to 2	119.75/118.15	-----/119.00	18" High Density Polyethylene (HDPE)
Proposed Sides 2	122.50	-----/119.00	Precast Type 'S' Sides (SD 4.22)
Proposed Sides 1 to 2	119.64/118.15	-----/119.00	18" HDPE
Proposed Sides 2	122.50	118.05/117.17	Precast Type 'S' Sides (SD 4.22)
Proposed Sides 2 to 3	122.50	118.05/117.17	18" HDPE
Proposed Sides 3	122.50	120.00/116.97	Precast Double Type 'S' Sides (SD 4.23)
Proposed Sides 3 to 4	122.50	116.97/115.91	18" HDPE
Proposed Sides 4	121.00	115.91/115.90+115.10	Precast Double Type 'S' Sides (SD 4.23) w/Weir
Proposed Sides 4 to Boom	121.00	115.70/113.50	24" HDPE
Proposed Weir Quality Sides	120.52	115.80/108.52	Weir Quality Sides (SD 4.42)
Proposed Separator to Boom	120.52	108.52/108.07	12" HDPE
Existing Sides 5	119.17	-----/115.42	To remain as shown
Existing Sides 5 to 6	119.17	115.42/113.06	21" CIP to remain as shown
Existing Sides 6	119.41	113.06/112.85	To remain as shown
Existing Sides 6 to TH 7	119.41	112.85/112.78	24" CIP to remain as shown
Existing Manhole 7	123.25/123.65	112.85/110.45	Storm Drain Manhole top to be raised 0.4 ft.
Existing Sides 7 to Sides 8	119.57	110.45/107.28	24" CIP to remain as shown
Existing Sides 8	119.57	107.28/107.14	To remain as shown
Existing Sides 8 to Boom	119.57	107.14/102.71	24" CIP to remain as shown
Existing Boom Sides	102.66	101.48	Head Wall Sides with 12" CIP, To Be Removed
Existing Boom Sides to Rear	102.66	101.48/100.80	12" BCCIP To Be Abandoned
Existing High Flow Rear	102.66	100.80	36" BCCIP To Be Abandoned
Existing Rear to Boom Outlet	102.66	100.80/99.73	21" BCCIP To Be Abandoned
Existing Boom Outlet	101.48	99.73	Pipe projecting from Abandonment, To Be Removed
Existing Rear Structure	102.50	104.00/103.50	36" BCCIP Rear, 24" BCCIP barrel
Proposed Boom Outlet	107.00	103.50	Type 'G' Headwall W/R-6 Receptor Apron

LEGEND

- * L.P. = EX. LIGHT POLE (TO BE REMOVED BY BGR&D)
- o C.O. = CLEANOUT
- 1/2" F.H. = FIRE HYDRANT
- ⊕ = STORM DRAIN MANHOLE
- o W.V. = WATER VALVE
- ⊕ = SANITARY SEWER MANHOLE
- = EXISTING INTERMEDIATE CONTOURS
- = EXISTING INDEX CONTOURS
- = PROPOSED CONTOURS
- = 100 YEAR FLOOD PLAIN
- = WETLAND AREAS TO REMAIN
- = PROPOSED FENCE LINE
- = PROPOSED RETAINING WALL (GABION)
- = 25' WETLAND BUFFER
- = PROPOSED STORM DRAIN INLET
- = LIMIT OF DISTURBANCE
- = WETLANDS TO BE FILLED
- = UTILITY AND SEWER EASEMENTS
- = 100 YEAR FLOOD PLAIN DRAINAGE AND UTILITY EASEMENT
- = PROPOSED TREE PROTECTION FENCING (REF. DETAIL SHEET B OF 12)

CERTIFICATION BY THE DEVELOPER:

I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND BEFORE BEGINNING THE PROJECT. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.

Timothy D. Waggoner Property Director 9/15/92
Signature of Developer Date

CERTIFICATION BY THE ENGINEER:

I CERTIFY THAT THIS PLAN FOR PONDS, 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. I HAVE NOTIFIED THE DEVELOPER, THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION.

James M. Hille 9/16/92
Signature of Engineer Date

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

James M. Hille 9/16/92
Signature U.S. Soil Conservation Service Date

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

APPROVED: *Robert W. Ziehn* 9/2/92
Howard S.C.D. Date

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

Joanna Boyle 3-10-93
County Health Officer Date

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Merle V. Ziegenfuss 3/1/93
Director Date

Shirley J. Hiltner 3/11/93
Chief, Division of Community Planning and Land Development Date

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

James M. Hille 3/15/93
Director Date

William R. Ryan 9-29-92
Chief, Bureau of Engineering Date

NO.	DATE	DESCRIPTION
1	7/2/92	DELETE EX. INFO., SHADE EASEMENTS AND WETLANDS, ADD WETLAND BUFFER, FLOODPLAIN EASEMENT, REVISE TREE LINE, AND DRAINAGE STRUCTURES TABLE
2	8/25/92	ADD TREE PROTECTION FENCING, REVISE DRAINAGE STRUCTURE TABLE.
3	9/14/92	ADD CONDITIONS OF DNR PERMIT

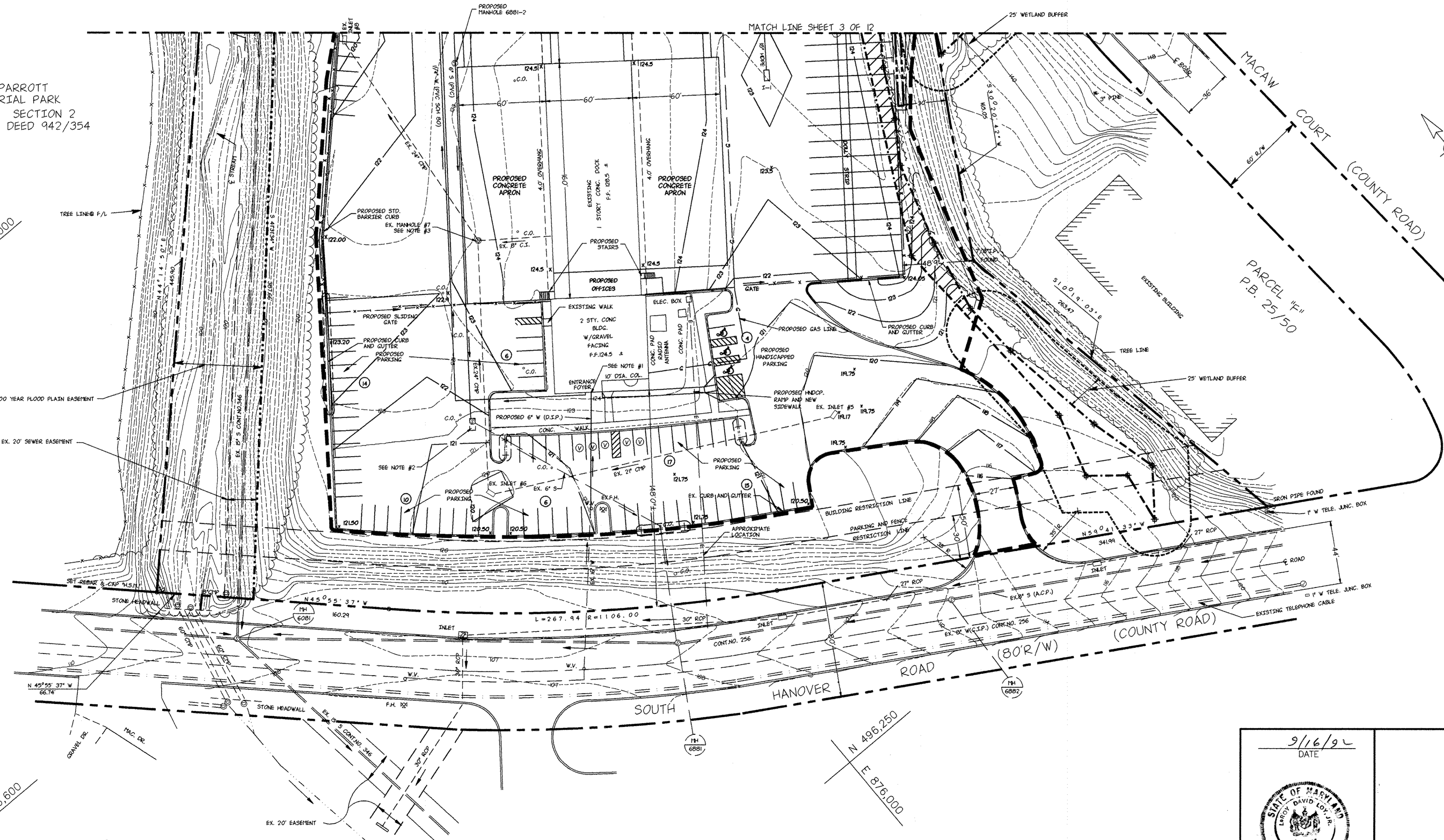
OWNER AND DEVELOPER
NEW PENN MOTOR EXPRESS, INC.
625 SOUTH FIFTH AVENUE
LEBANON, PENNSYLVANIA 17042
(717) 274-2521

SITE DEVELOPMENT PLAN
SOUTH
OF
PARCEL "A-1"
RECORDED IN PLAT BOOK 6755
HARWOOD INDUSTRIAL CENTER
FIRST ELECTION DISTRICT-HOWARD COUNTY, MARYLAND
CENSUS TRACT NO. 6012 TAX MAP NO.38

SCALE: 1" = 40'
DATE: 4/15/92
NO. Y920008-02

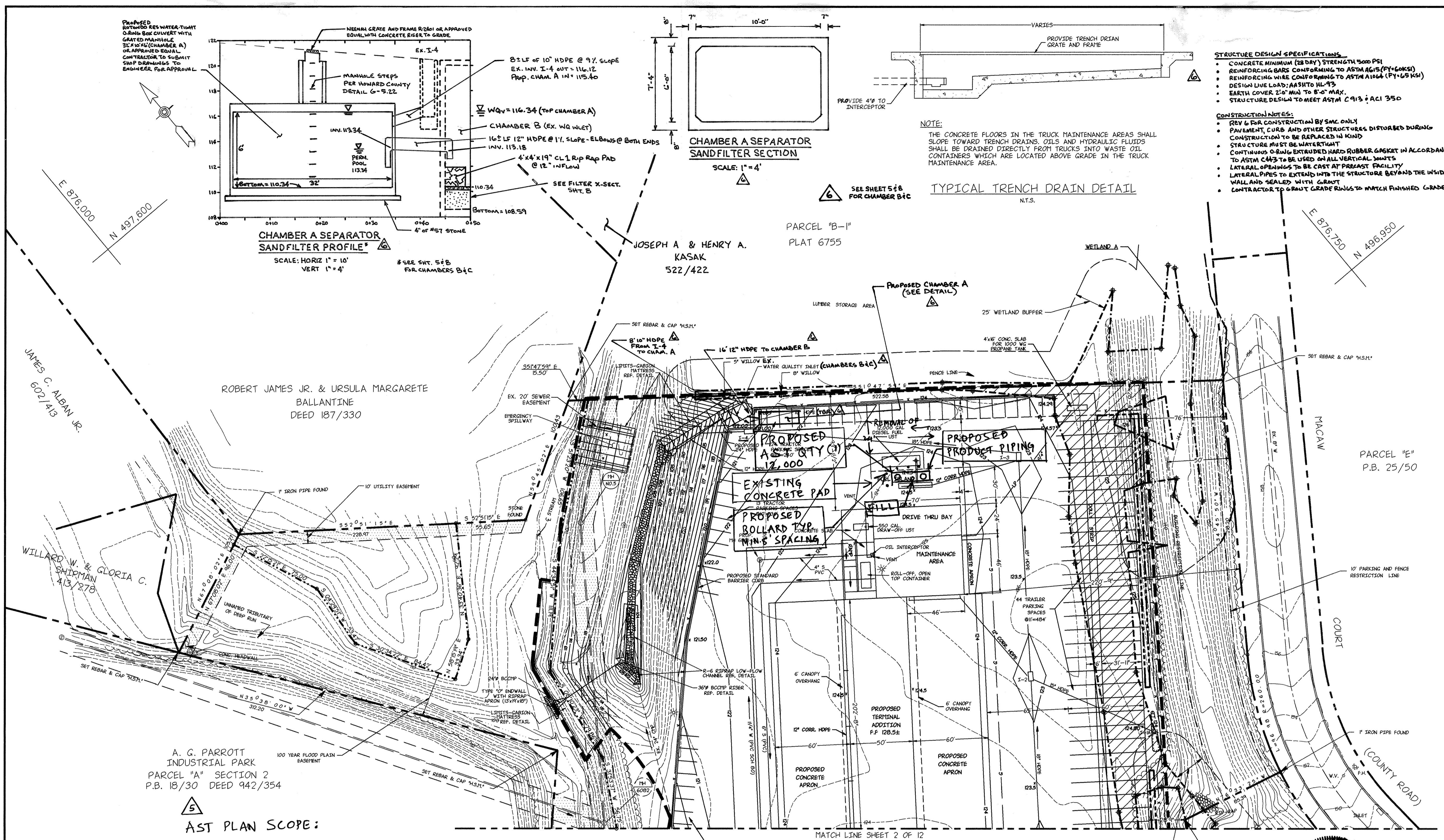
SKELLY AND LOY Inc.
ENGINEERS-CONSULTANTS
2601 N. FRONT STREET
HARRISBURG, PENNSYLVANIA 17110
(717) 232-0593

DRAWN BY: K.L.S.
CHECKED BY: B.A.S.
DWG. NO. 2 OF 12



9/16/92
DATE

James M. Hille
PROFESSIONAL ENGINEER



CERTIFICATION BY THE DEVELOPER:

I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND BEFORE BEGINNING THE PROJECT. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.

Signature of Developer 9/15/92
Date

CERTIFICATION BY THE ENGINEER:

"I CERTIFY THAT THIS PLAN FOR PONDS, 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." I HAVE NOTIFIED THE DEVELOPER, THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION.

Signature of Engineer 9/16/92
Date

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

Signature of U.S. Soil Conservation Service 9/29/92
Date

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

Signature of Robert W. Zick 9/29/92
Date

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

Signature of County Health Officer 3-10-93
Date

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Signature of Director 3/11/93
Date

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

Signature of Director 3/13/93
Date

Signature of Chief, Bureau of Engineering 9-29-92
Date

NO.	DATE	DESCRIPTION
1	5/21/92	REV. WETLAND BOUNDARY AS PER MD. DNR
2	7/2/92	DELETE EX. INFO. SHADE EASEMENTS AND WETLANDS, ADD WETLANDS BUFFER AND FLOODPLAIN EASEMENT, REVISE TREE LINE, ADD TRENCH DETAIL & NOTE, BASIN REV.
3	8/25/92	ADD TREE LINE AND TREE PROTECTION FENCING.
4	9/14/92	ADD CONDITIONS OF DNR PERMIT
5	6/1/93	ADDITION OF AST
6	1-22-93	RETROFIT OF SEPARATOR TO SEPARATOR SANDFILTER

OWNER AND DEVELOPER
NEW PENN MOTOR EXPRESS, INC.
625 SOUTH FIFTH AVENUE
LEBANON, PENNSYLVANIA 17042
(717) 274-2521

SITE DEVELOPMENT PLAN NORTH
OF
PARCEL "A-1"
RECORDED IN PLAT BOOK 6755
HARWOOD INDUSTRIAL CENTER
FIRST ELECTION DISTRICT-HOWARD COUNTY, MARYLAND
CENSUS TRACT NO. 6012 TAX MAP NO.38

SCALE: 1" = 40'
DATE: 4/15/92
NO. Y920008-02

SKELLY AND LOY Inc.
ENGINEERS-CONSULTANTS
2601 N. FRONT STREET
HARRISBURG, PENNSYLVANIA 17110
(717) 232-0593

DRAWN BY: K.L.S.
CHECKED BY: B.A.S.
DWG. NO. 3 OF 12

- LEGEND**
- C.O. = CLEANOUT
 - ⊗ F.H. = FIRE HYDRANT
 - ⊙ = STORM DRAIN MANHOLE
 - W.V. = WATER VALVE
 - ⊙ = SANITARY SEWER MANHOLE
 - = EXISTING INTERMEDIATE CONTOURS
 - = EXISTING INDEX CONTOURS
 - = PROPOSED CONTOURS
 - = 100 YEAR FLOOD PLAIN
 - = WETLAND AREAS TO REMAIN
 - = PROPOSED FENCE LINE
 - = PROPOSED RETAINING WALL (GABION)
 - = PROPOSED STORM DRAIN INLET
 - = LIMIT OF DISTURBANCE
 - = 25' WETLAND BARRIER
 - = WETLANDS TO BE FILLED
 - = UTILITY AND SEWER EASEMENT
 - = 100 YEAR FLOODPLAIN DRAINAGE AND UTILITY EASEMENT
 - = PROPOSED TREE PROTECTION FENCING (REF. DETAIL SHEET B OF 12)

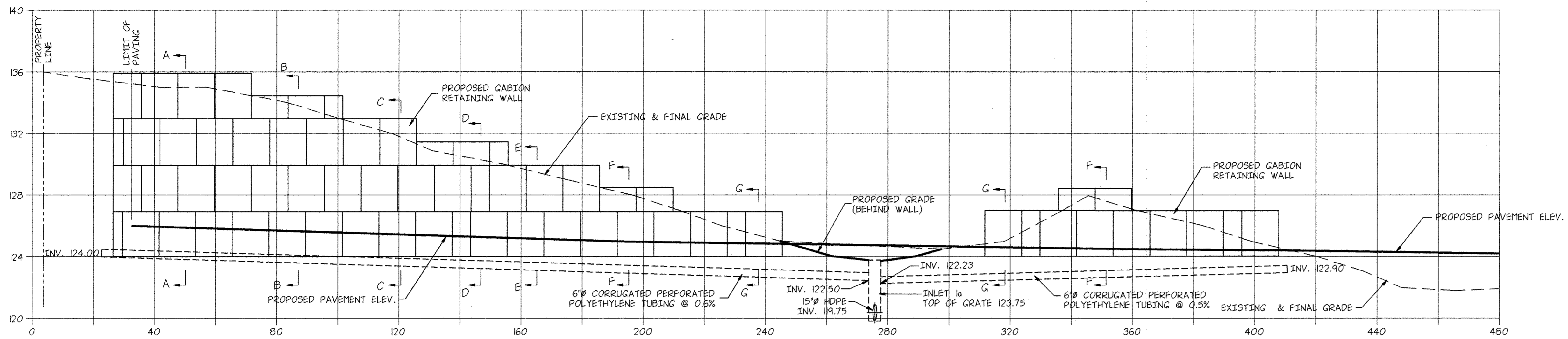
- AST PLAN SCOPE:**
1. THIS AST PLAN PROPOSES TO INSTALL AN ABOVE GROUND STORAGE TANK (AST) QTY (1) 12,000 GALLONS IN THE LOCATION OF A FORMER UNDER GROUND STORAGE TANK (UST).
 2. INSTALLATION OF NEW PRODUCT LINE.
 3. NO CHANGES PROPOSED TO GRADING, DRAINAGE AND TRAFFIC CIRCULATION.
 4. NO CHANGES TO BUILDING AND EXISTING IMPERVIOUSNESS.

- NOTES:**
1. WAIVER PETITION WP 92-179 WAS APPROVED TO PERMIT THE DISTURBANCE TO NONTIDAL WETLANDS AND STEEP SLOPES LOCATED ON THE EAST SIDE OF THE SITE.
 2. ALL CONSTRUCTION TO BE PERFORMED IN ACCORDANCE WITH CONDITIONS AND MANAGEMENT PRACTICES FOR WORKING IN NONTIDAL WETLANDS (PERMIT NUMBER 92-NF-0252). (WATERWAY CONSTRUCTION PERMIT NUMBER 92-WR-1033), AS LISTED BELOW:
 - a) REMOVE EXCESS FILL OR CONSTRUCTION MATERIAL OR DEBRIS TO AN UPLAND DISPOSAL AREA OF THE BUFFER;
 - b) IF BACKFILL IS OBTAINED, USE CLEAN MATERIAL FREE OF WASTE METAL PRODUCTS, UNSIGHTLY DEBRIS, TOXIC MATERIAL OR ANY OTHER DELETERIOUS SUBSTANCE;
 - c) PLACE MATERIALS IN A LOCATION AND MANNER WHICH DOES NOT ADVERSELY IMPACT SURFACE OR SUBSURFACE WATER FLOW INTO OR OUT OF THE NONTIDAL WETLAND;
 - d) MAINTAIN THE HYDROLOGIC REGIME OF THE NONTIDAL WETLANDS OUTSIDE THE LIMITS OF DISTURBANCE;
 3. RECTIFY ANY NONTIDAL WETLANDS AND BUFFERS TEMPORARILY IMPACTED BY THE PERMITTED ACTIVITY. ALL STABILIZATION IN THE WETLAND AND BUFFER SHALL BE OF THE FOLLOWING RECOMMENDED SPECIES: ANNUAL RYEGRASS (LOLIUM MULTIFLORUM), MILLET (SETARIA ITALICA), OATS (Avena sp.), AND/OR RYE (SECALE CEREALE). OTHER NON-PERSISTENT VEGETATION MAY BE ACCEPTABLE, BUT MUST BE APPROVED BY THE NONTIDAL WETLANDS DIVISION. KENTUCKY 31 FESCUE SHALL NOT BE UTILIZED IN THE WETLAND OR BUFFER. ALL TEMPORARY FILLS SHALL BE REMOVED IN THEIR ENTIRETY ON OR BEFORE THE COMPLETION OF CONSTRUCTION.
 4. TO PROTECT IMPORTANT AQUATIC SPECIES, IN-STREAM WORK IS PROHIBITED AS DETERMINED BY THE CLASSIFICATION OF THE STREAM AS FOLLOWS:
 - i) CLASS I WATERS. IN-STREAM WORK MAY NOT BE CONDUCTED DURING THE PERIOD MARCH 1 THROUGH JUNE 15, INCLUSIVE, DURING ANY YEAR.

PROFESSIONAL ENGINEER
STATE OF MARYLAND
K. L. S.
4/15/92
DATE

PROFESSIONAL ENGINEER
STATE OF MARYLAND
K. L. S.
4/15/92
DATE

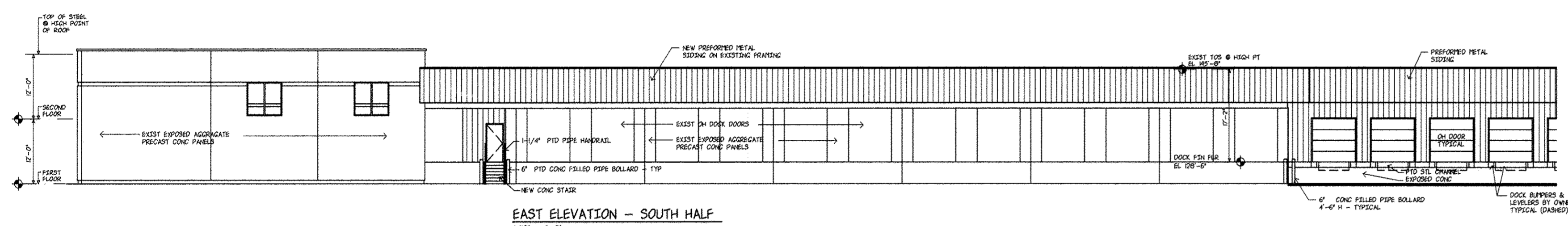
PROFESSIONAL ENGINEER
STATE OF MARYLAND
K. L. S.
4/15/92
DATE



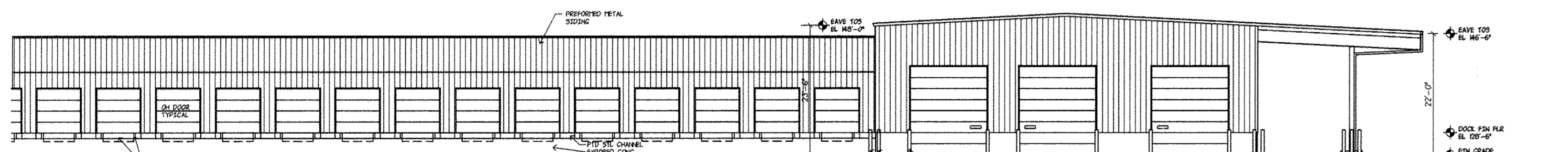
GABION RETAINING WALL PROFILE

EAST WALLS
SCALE: HORIZ. 1" = 20'-0"
VERT. 1" = 4'-0"

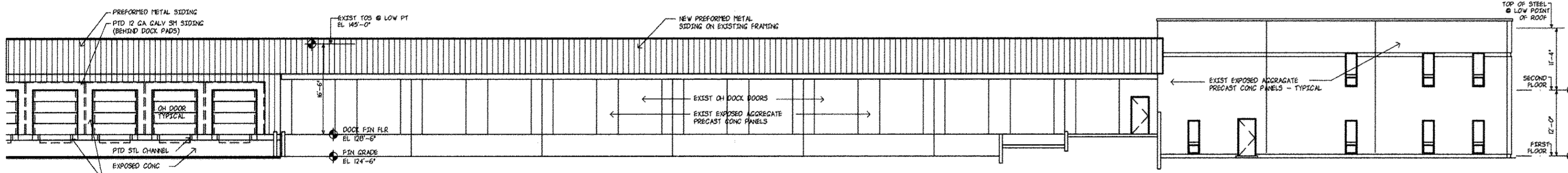
NOTE: REFER TO DWG. NO.6 OF 12 FOR RETAINING WALL SECTIONS.



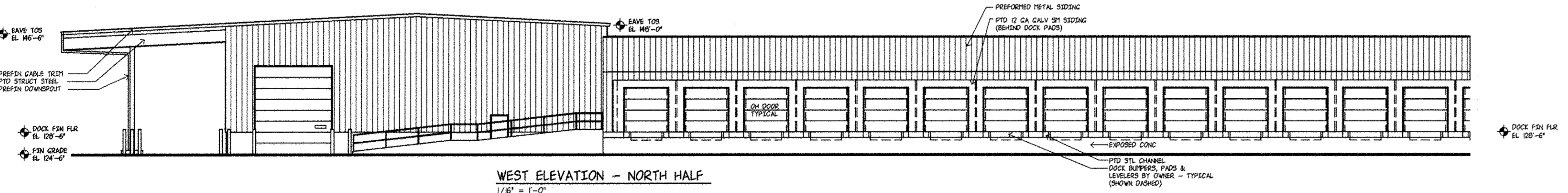
EAST ELEVATION - SOUTH HALF
1/8" = 1'-0"



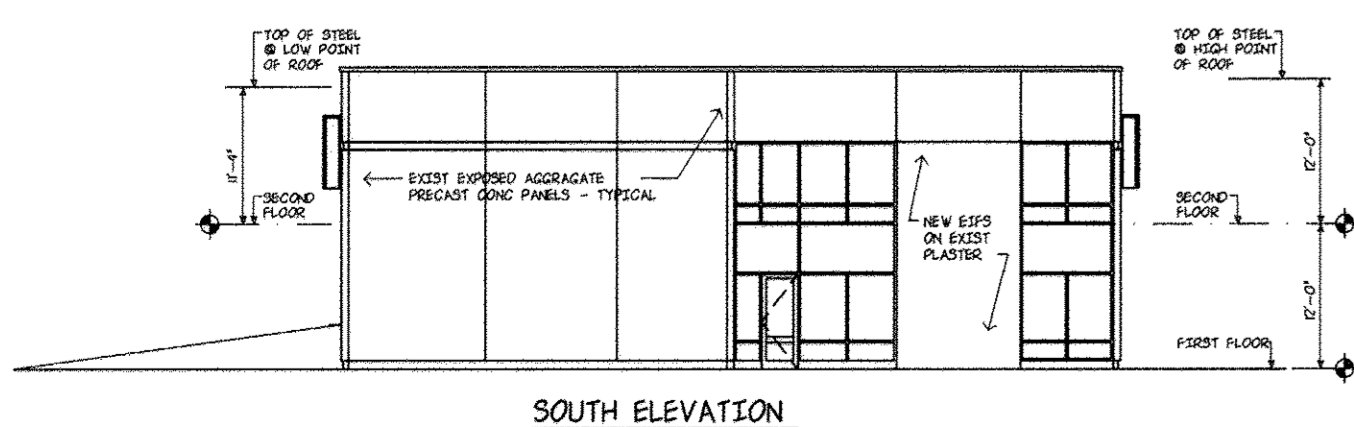
EAST ELEVATION - NORTH HALF
1/8" = 1'-0"



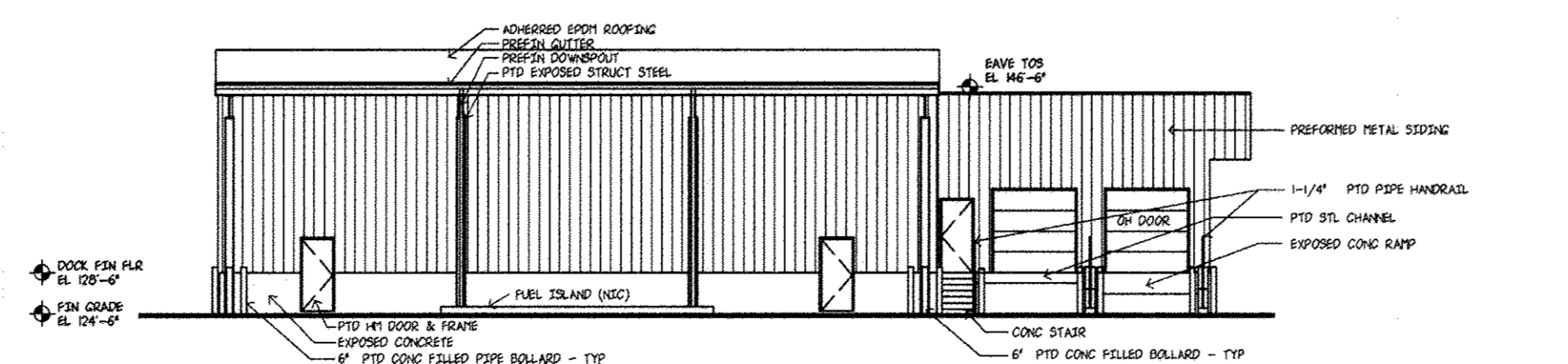
WEST ELEVATION - SOUTH HALF
1/8" = 1'-0"



WEST ELEVATION - NORTH HALF
1/8" = 1'-0"



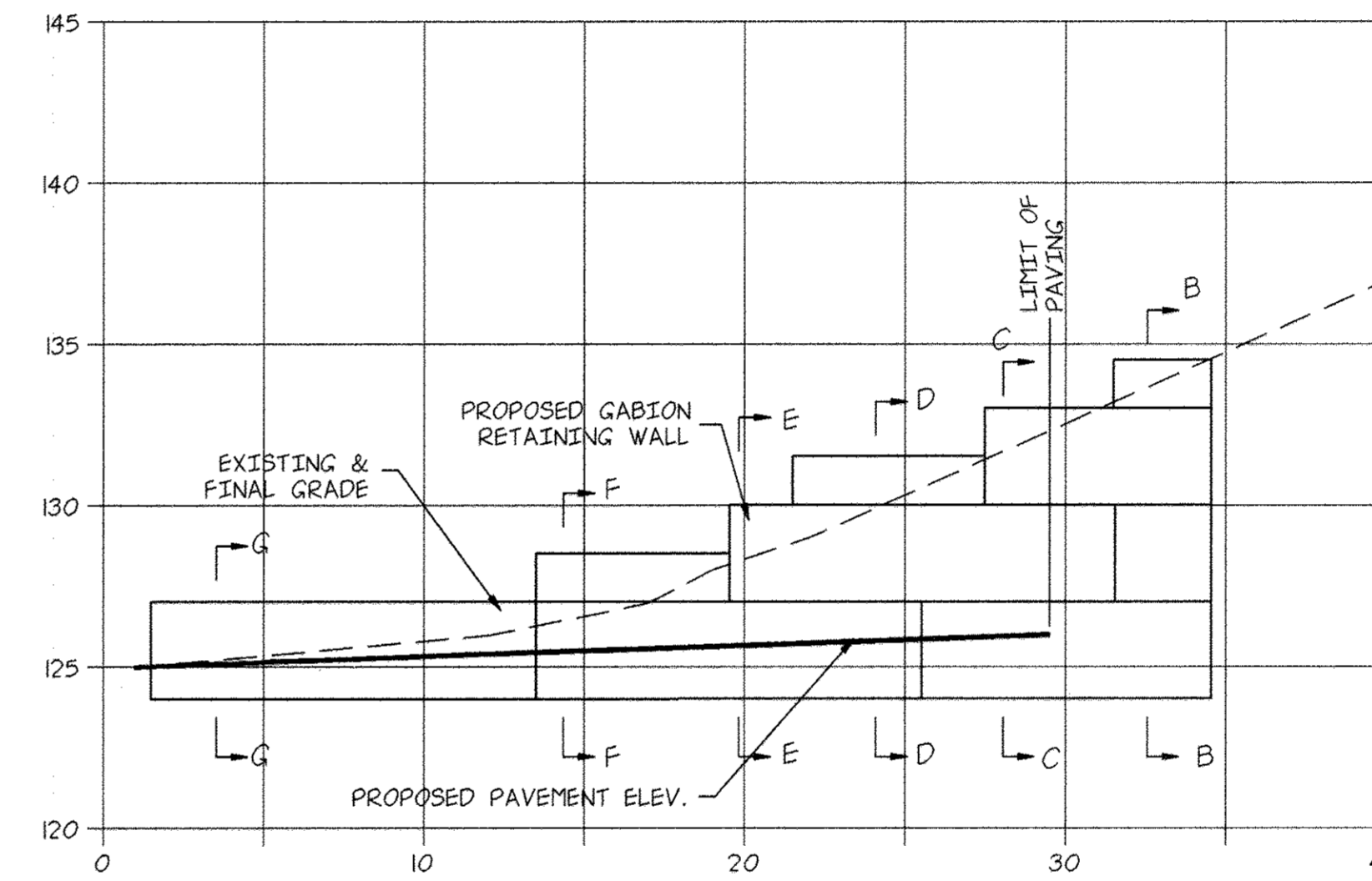
SOUTH ELEVATION
1/8" = 1'-0"



NORTH ELEVATION
1/8" = 1'-0"

BUILDING PROFILES

SCALE: AS NOTED



GABION RETAINING WALL PROFILE

NORTH WALL
SCALE: 1" = 5'-0"

CERTIFICATION BY THE DEVELOPER:

I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND BEFORE BEGINNING THE PROJECT. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.

Timothy D. Hoffman **PROPERTY DIRECTOR** **9/16/92**
Signature of Developer Date

CERTIFICATION BY THE ENGINEER:

"I CERTIFY THAT THIS PLAN FOR PONDS, 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". I HAVE NOTIFIED THE DEVELOPER, THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION.

[Signature] **9/16/92**
Signature of Engineer Date

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

Signature _____ Date _____
U.S. Soil Conservation Service

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

APPROVED: _____ Date _____
Howard S.C.D.

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

[Signature] **3/10/93**
County Health Officer Date

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature] **9/11/92**
Director Date
[Signature] **9/11/93**
Chief, Division of Community Planning and Land Development Date

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

[Signature] **3/3/93**
Director Date
[Signature] **9-29-92**
Chief, Bureau of Engineering Date

NO.	DATE	DESCRIPTION

OWNER AND DEVELOPER
NEW PENN MOTOR EXPRESS, INC.
625 SOUTH FIFTH AVENUE
LEBANON, PENNSYLVANIA 17042
(717) 274-2521

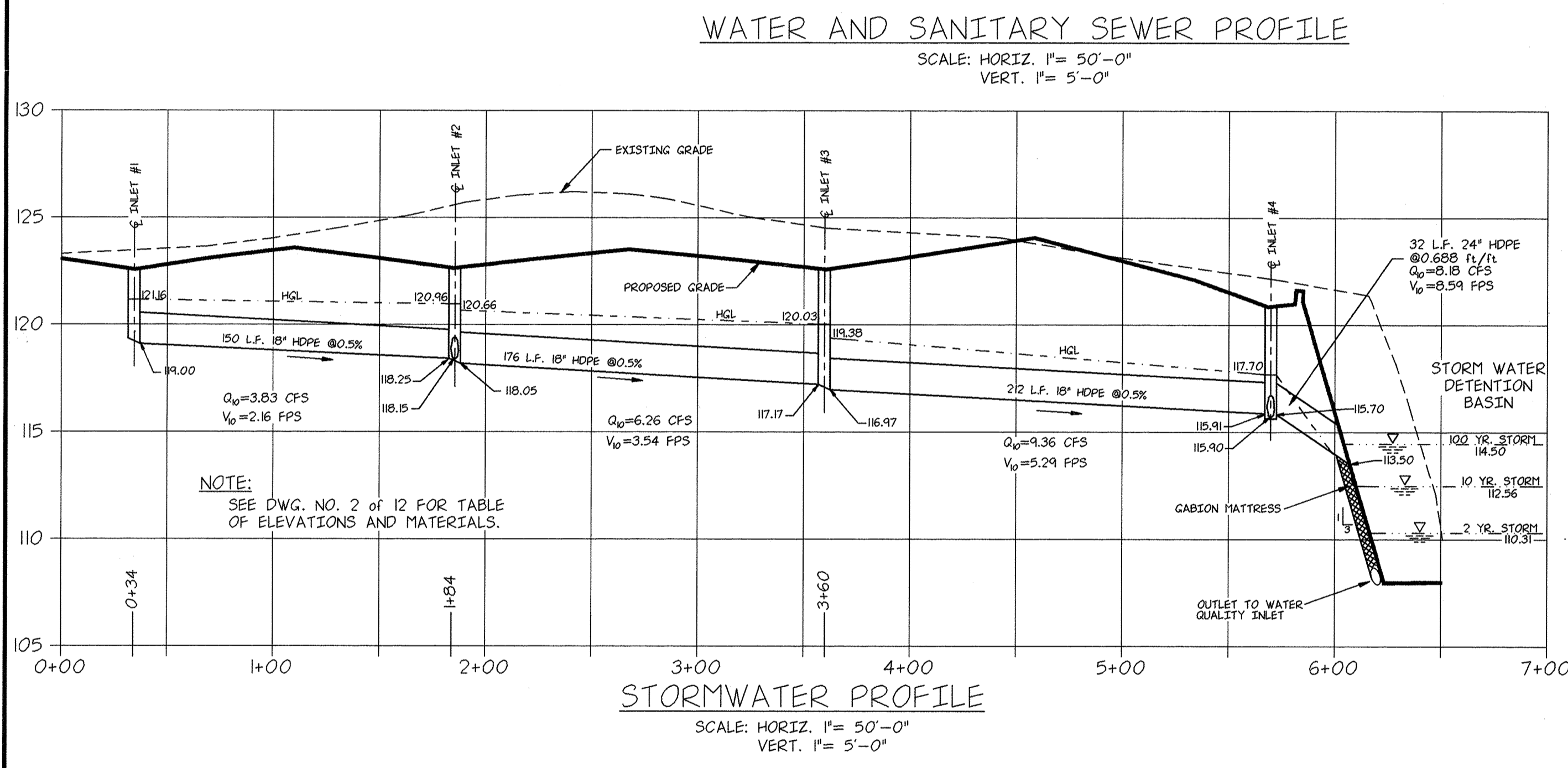
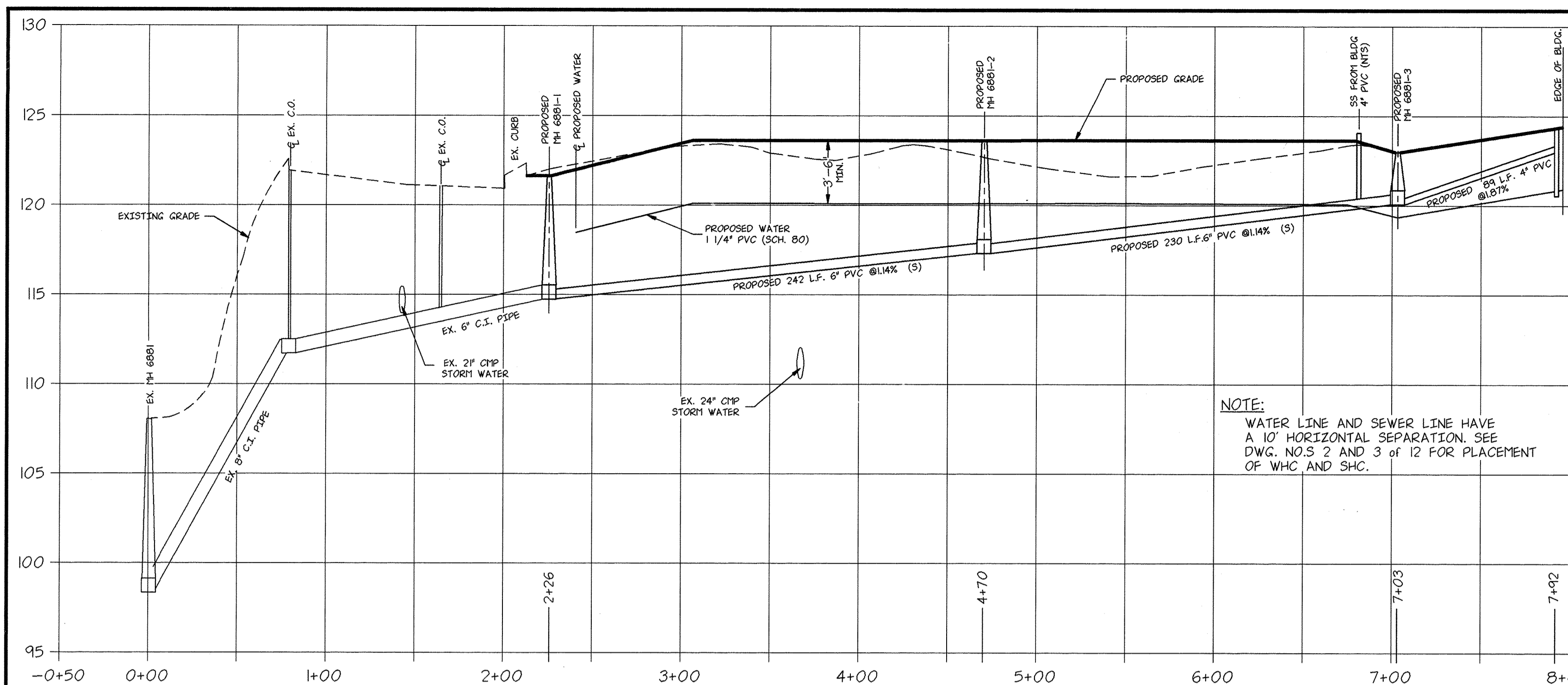
PROFILES
OF
PARCEL "A-1"
RECORDED IN PLAT BOOK 6755
HARWOOD INDUSTRIAL CENTER
FIRST ELECTION DISTRICT-HOWARD COUNTY, MARYLAND

CENSUS TRACT NO. 6012 TAX MAP NO.38

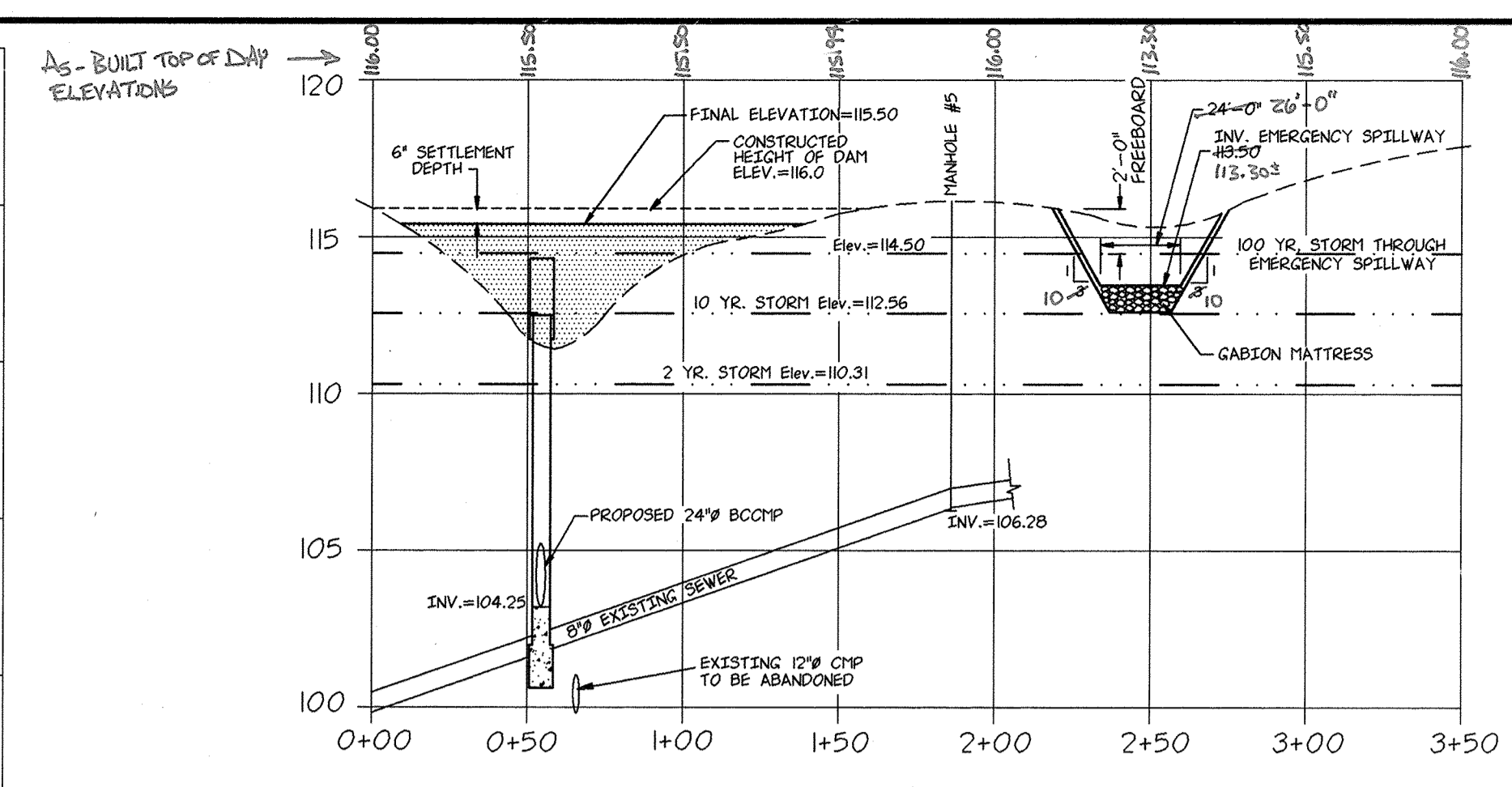
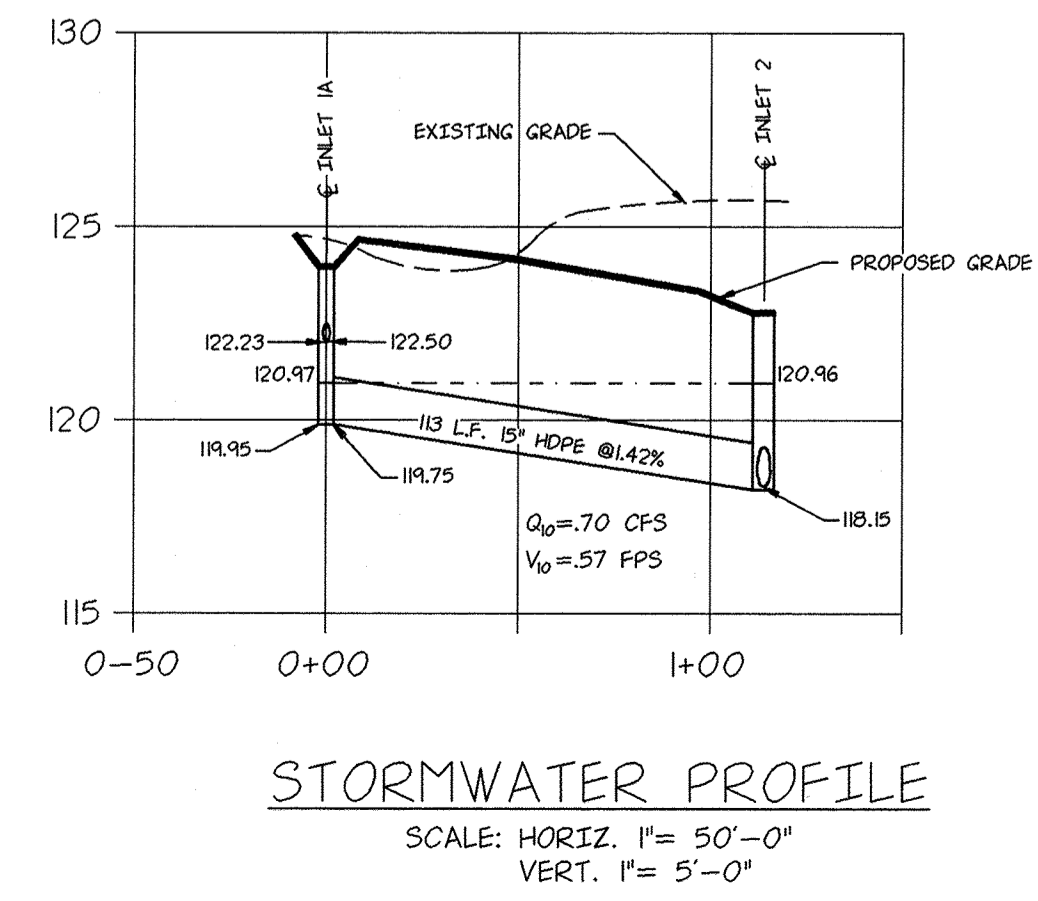
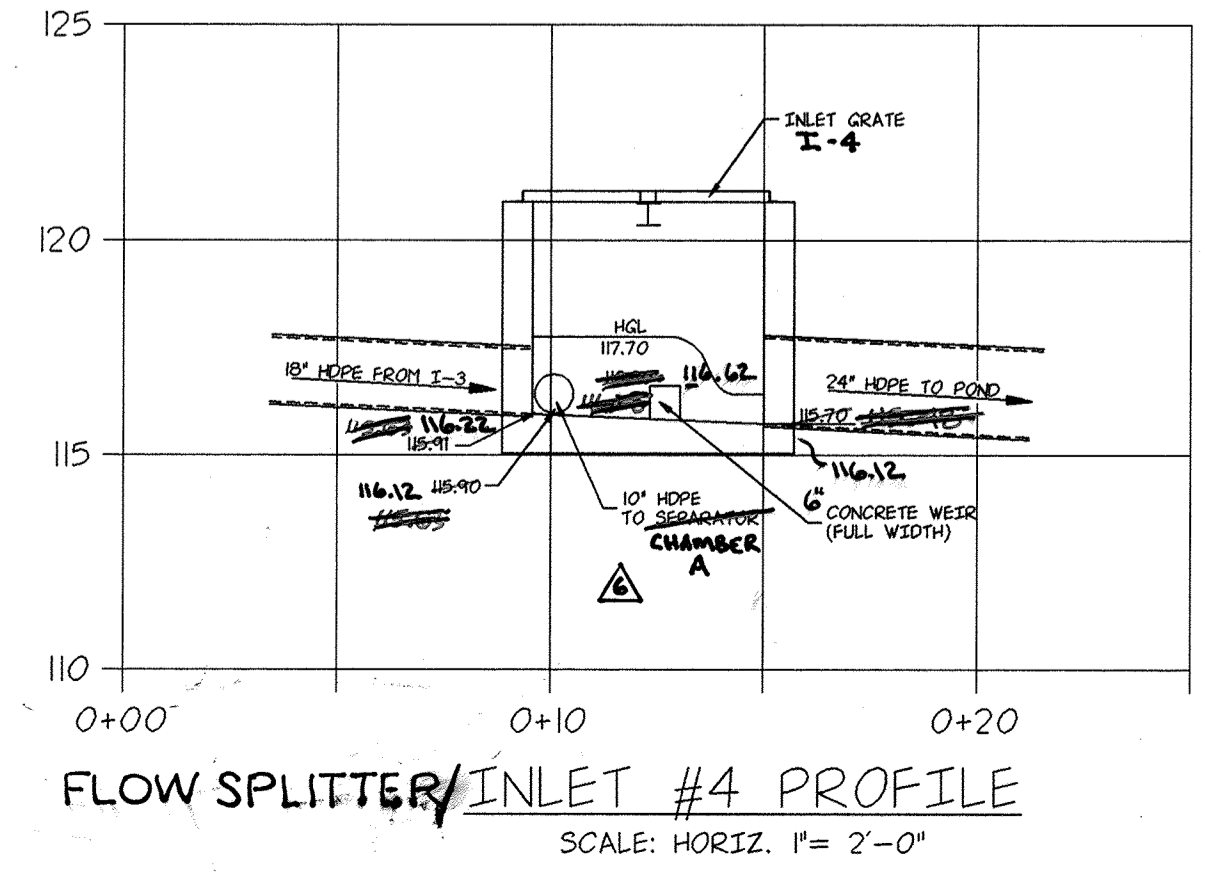
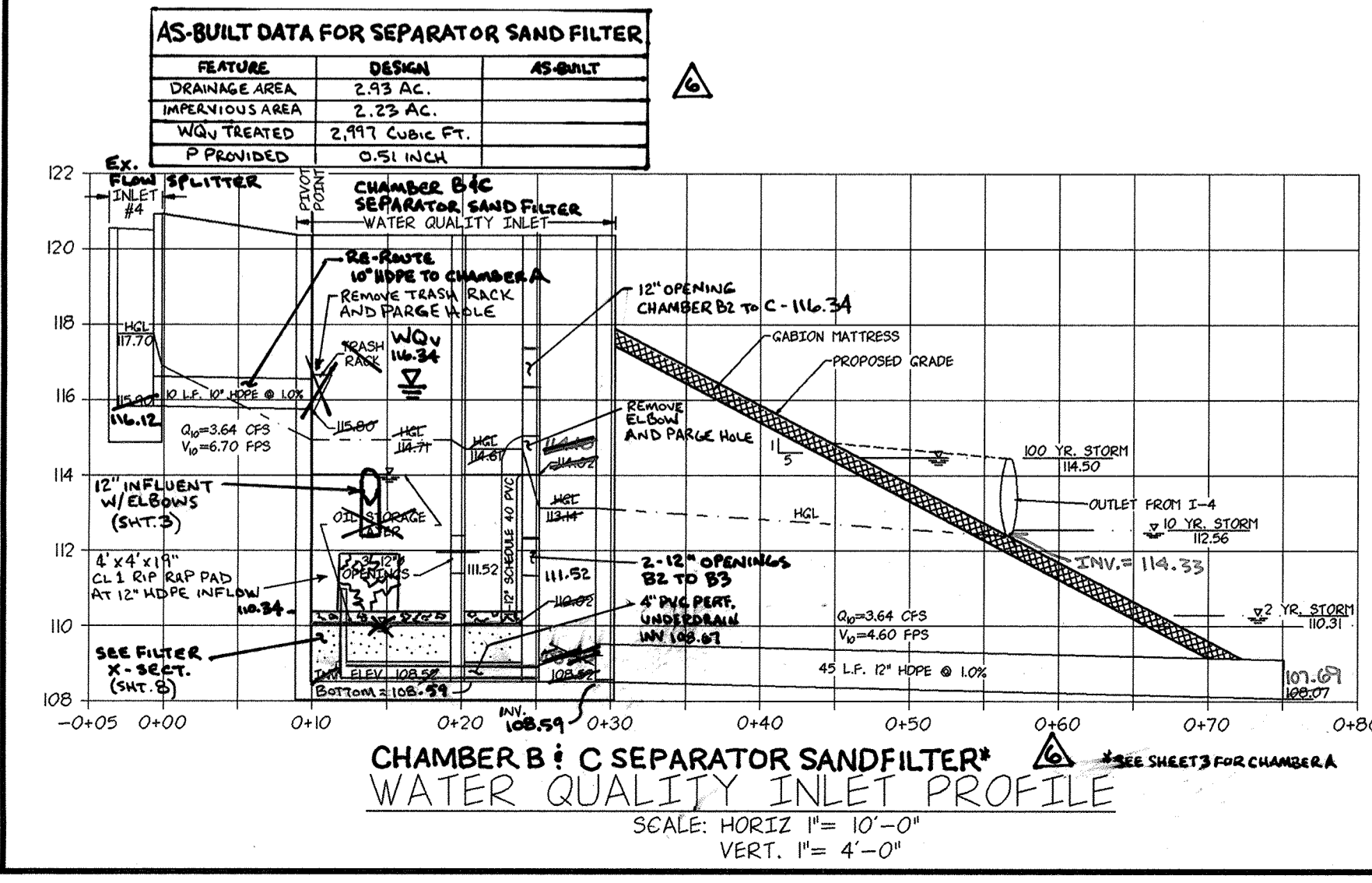
SCALE: AS NOTED **SKELLY AND LOY Inc.** DRAWN BY: K.L.S.
DATE: 4/15/92 ENGINEERS-CONSULTANTS CHECKED BY: B.A.S.
NO. Y920008-02 HARRISBURG, PENNSYLVANIA 17110 (717) 232-0593 DWG. NO. 4 OF 12

9/16/92
DATE

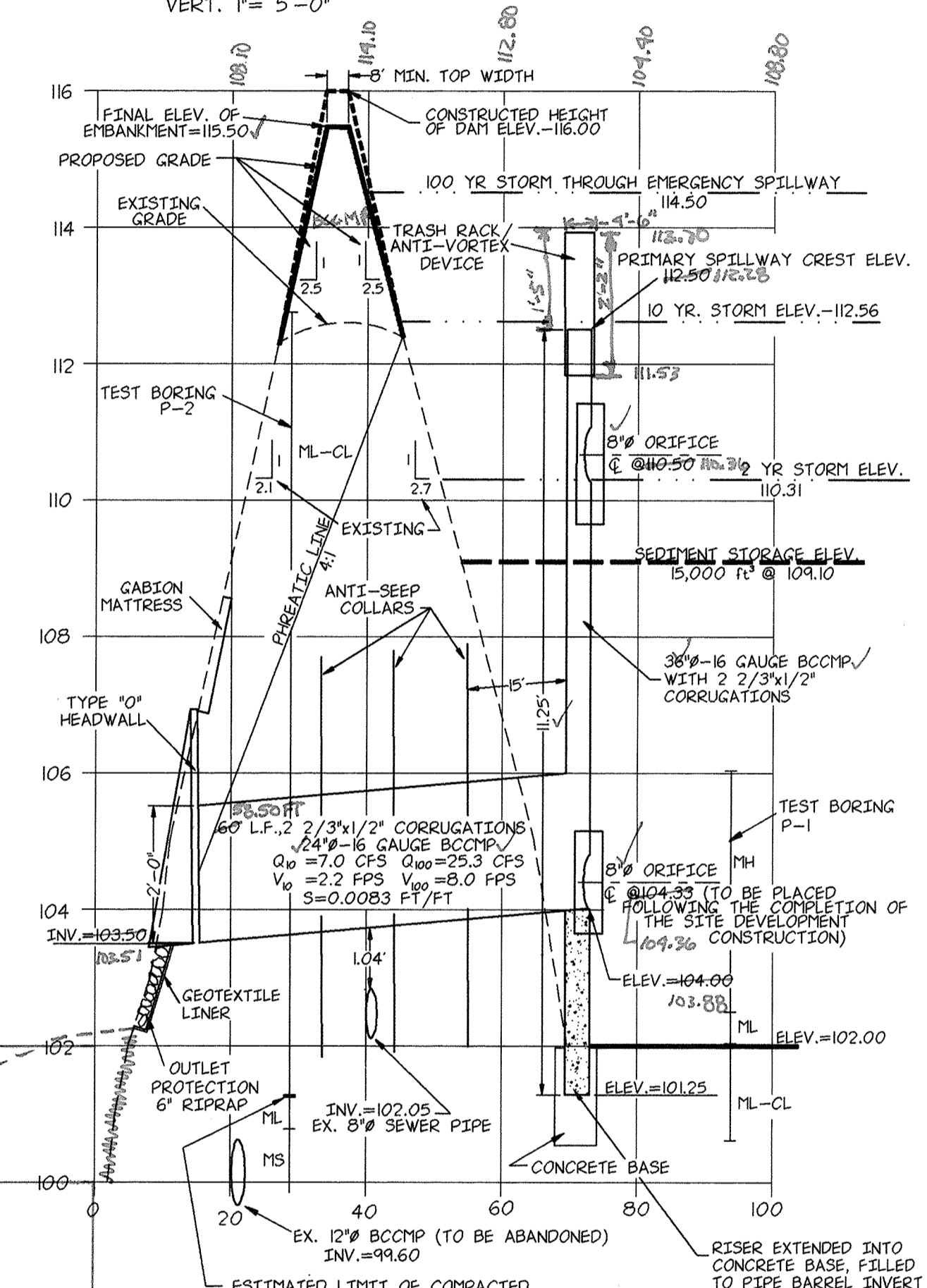
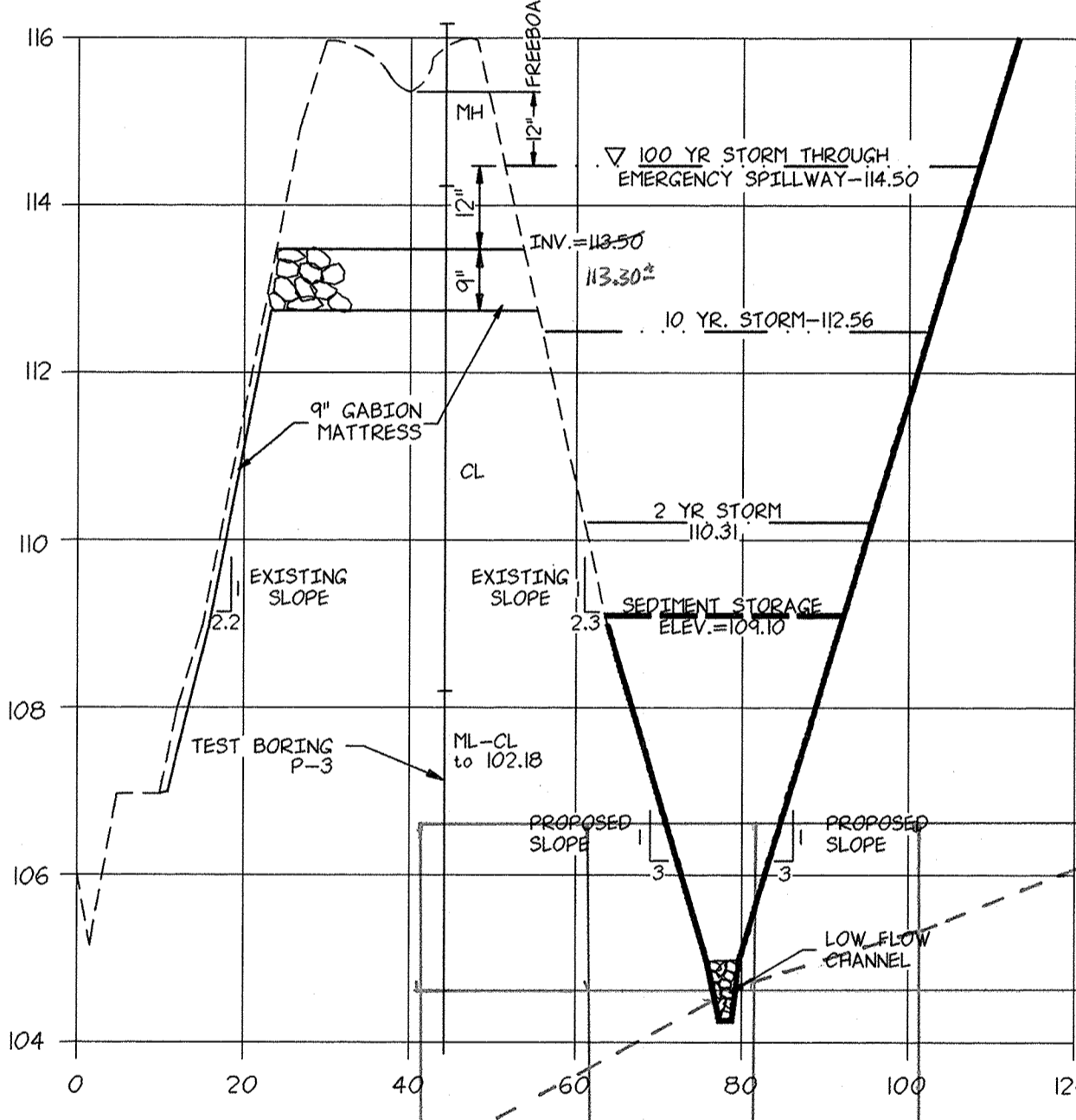
[Signature]
PROFESSIONAL ENGINEER



- NOTES:**
- ALL TRENCHING AND BEDDING FOR WATER, SANITARY SEWERS, AND STORM DRAINS SHALL BE AS SHOWN IN DETAIL G2.01 IN THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 - ALL SANITARY SEWER MANHOLES AND CLEANOUTS SHALL BE AS SHOWN IN DETAILS G5.11, G5.14, G5.15, G5.52, G5.53, AND S2.22 IN THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 - ALL CONNECTIONS WITH PIPES MUST BE COMPLETELY WATERTIGHT. THE DRAINPIPE BARREL CONNECTION TO THE RISER SHALL BE WELDED ALL AROUND. COUPLING BAND AND ANTI-SEEP COLLARS SHALL BE CONNECTED TO THE PIPE IN SUCH A MANNER AS TO BE COMPLETELY WATERTIGHT. DIMPLE BANDS ARE NOT ACCEPTABLE.
 - EXISTING EMBANKMENT AREAS ADJACENT TO NEW FILL MATERIAL SHALL BE GRUBBED AND SCARIFIED TO BLEND WITH NEW FILL MATERIAL.



EMBANKMENT PROFILE
SCALE: HORIZ. 1" = 50'-0"
VERT. 1" = 5'-0"



CERTIFICATION BY THE DEVELOPER:
I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND BEFORE BEGINNING THE PROJECT. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.

Timothy D. Haggan
Signature of Developer
9/15/92
Date

CERTIFICATION BY THE ENGINEER:
"I CERTIFY THAT THIS PLAN FOR PONDS, 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." I HAVE NOTIFIED THE DEVELOPER, THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION.

[Signature]
Signature of Engineer
9/16/92
Date

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

James M. Alden
Signature
U.S. Soil Conservation Service
9/16/92
Date

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

APPROVED: *Robert W. Zich*
Howard S.C.D.
9/16/92
Date

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

Joanne Bejda
County Health Officer
3-10-93
Date

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Frankie J. M. W. G. L.
Director
5/1/93
Date

Bluma J. Blonath
Chief, Division of Community Planning and Land Development
3/11/93
Date

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

James M. Alden
Director
3/3/93
Date

Gregory S. P. O.
Chief, Bureau of Engineering
9-29-92
Date

REVISIONS

NO.	DATE	DESCRIPTION
1	7-2-92	REVISIONS TO STORMWATER PROFILE
2	8-12-92	ADD PROFILES FROM DETENTION BASIN
3	9-8-92	REVISIONS TO DETENTION BASIN PROFILES AND NOTES
4	7-2-93	AS-Built conditions shown in red
6	1-22-19	RETIROFIT OF SEPARATOR TO SEPARATOR SAND FILTER

OWNER AND DEVELOPER
NEW PENN MOTOR EXPRESS, INC.
625 SOUTH FIFTH AVENUE
LEBANON, PENNSYLVANIA 17042
(717) 274-2521

PROFILES
OF
PARCEL "A-1"
RECORDED IN PLAT BOOK 6755
HARWOOD INDUSTRIAL CENTER
FIRST ELECTION DISTRICT-HOWARD COUNTY, MARYLAND
CENSUS TRACT NO. 6012 TAX MAP NO.38

SCALE: AS NOTED
DATE: 4/15/92
NO. Y920008-02

SKELLY AND LOY Inc.
ENGINEERS-CONSULTANTS
2601 N. FRONT STREET
HARRISBURG, PENNSYLVANIA 17110
(717) 232-0593

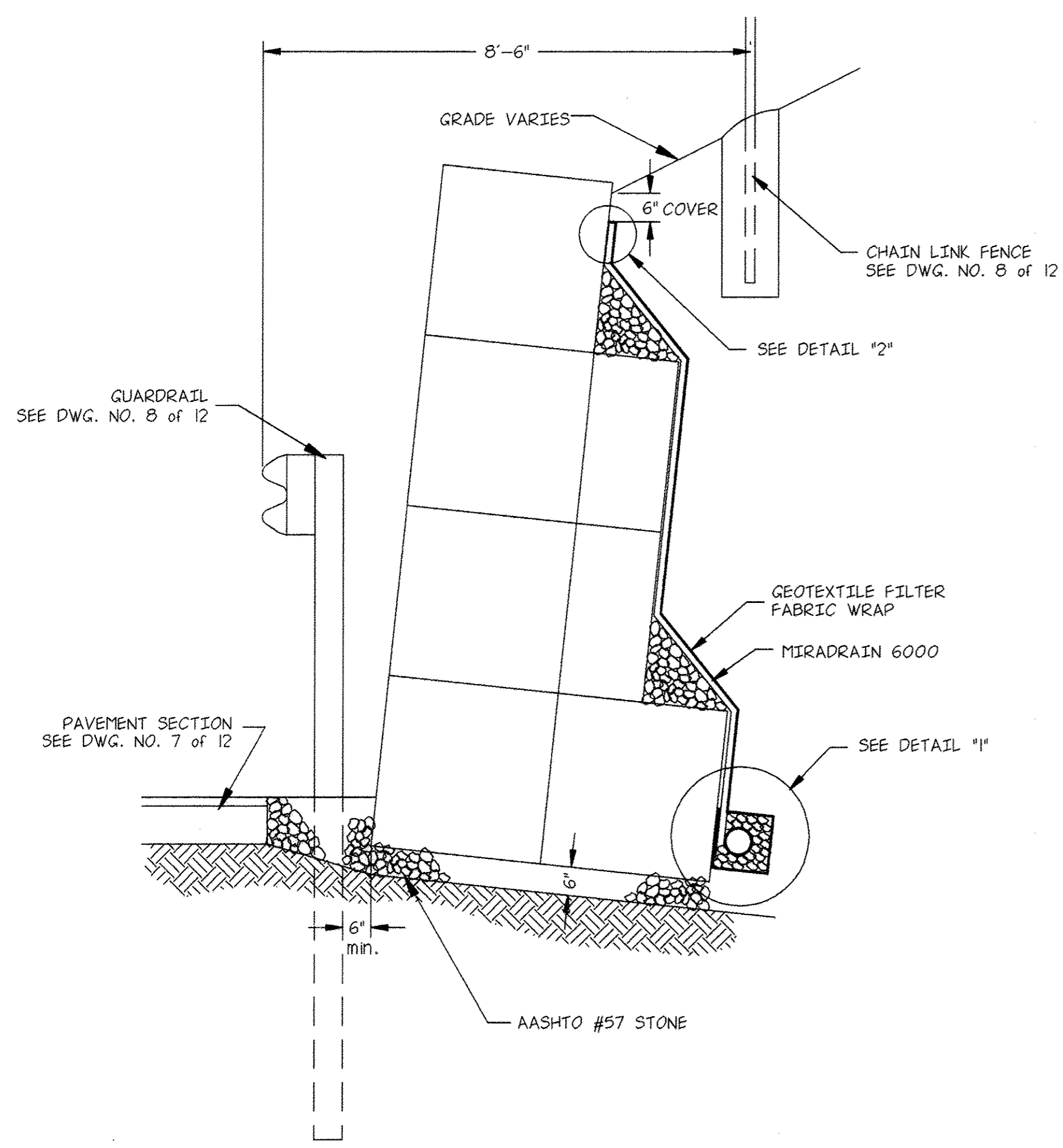
DRAWN BY: K.L.S.
CHECKED BY: B.A.S.
DWG. NO. 5 OF 12

PROFESSIONAL ENGINEER
STATE OF MARYLAND
No. 44267
EXPIRES 12/31/99
2/15/2017
FOR REV 6 ONLY
DATE: 2/15/2017

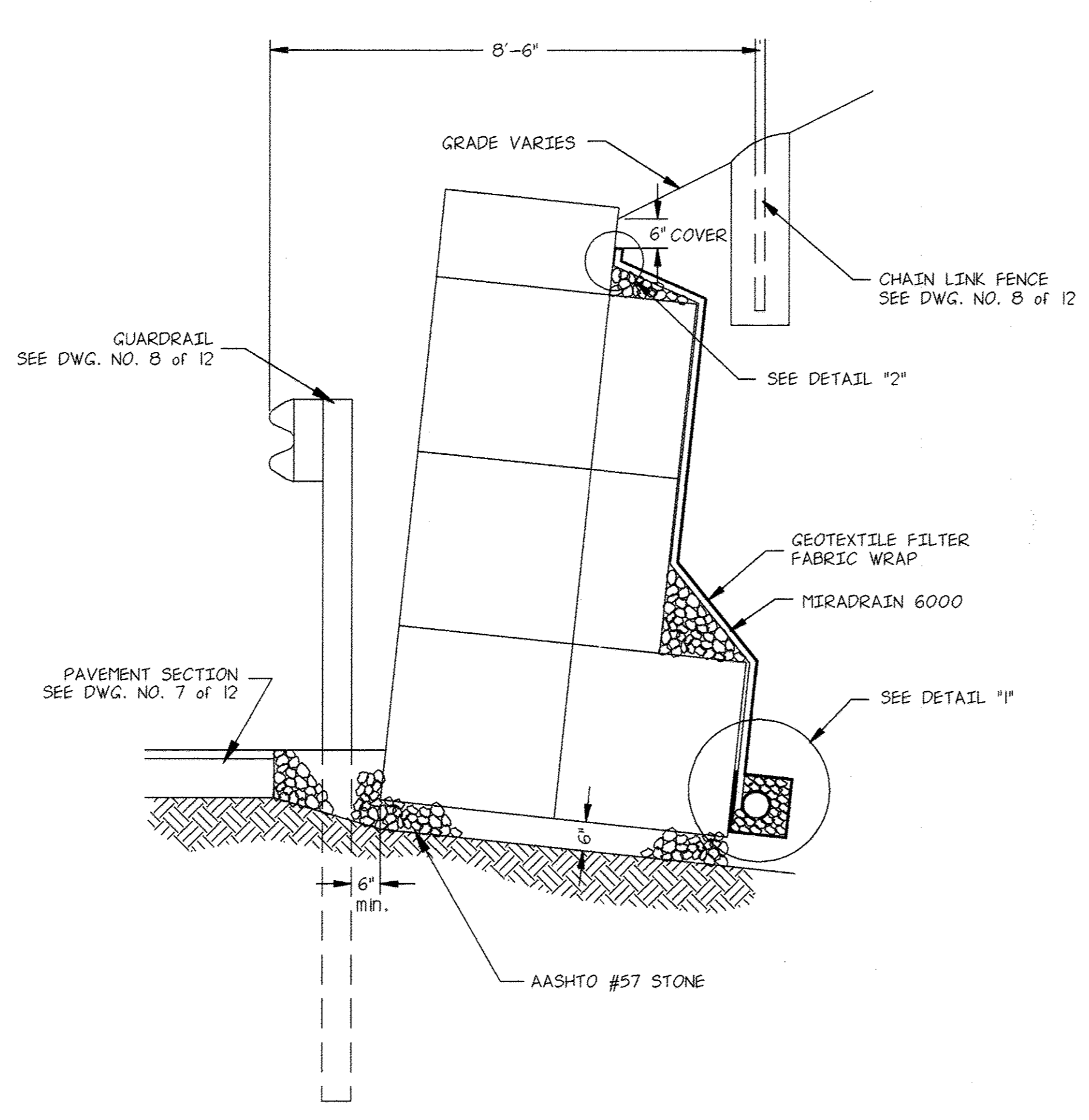
DATE: 9/16/92
DATE: 9/16/92
DATE: 9/16/92

AS BUILT CERTIFICATION
I HEREBY CERTIFY THAT THE FACILITY SHOWN IN THIS PLAN WAS CONSTRUCTED AS SHOWN ON THE "AS BUILT" PLANS AND MEETS THE APPROVED PLANS AND SPECIFICATIONS.

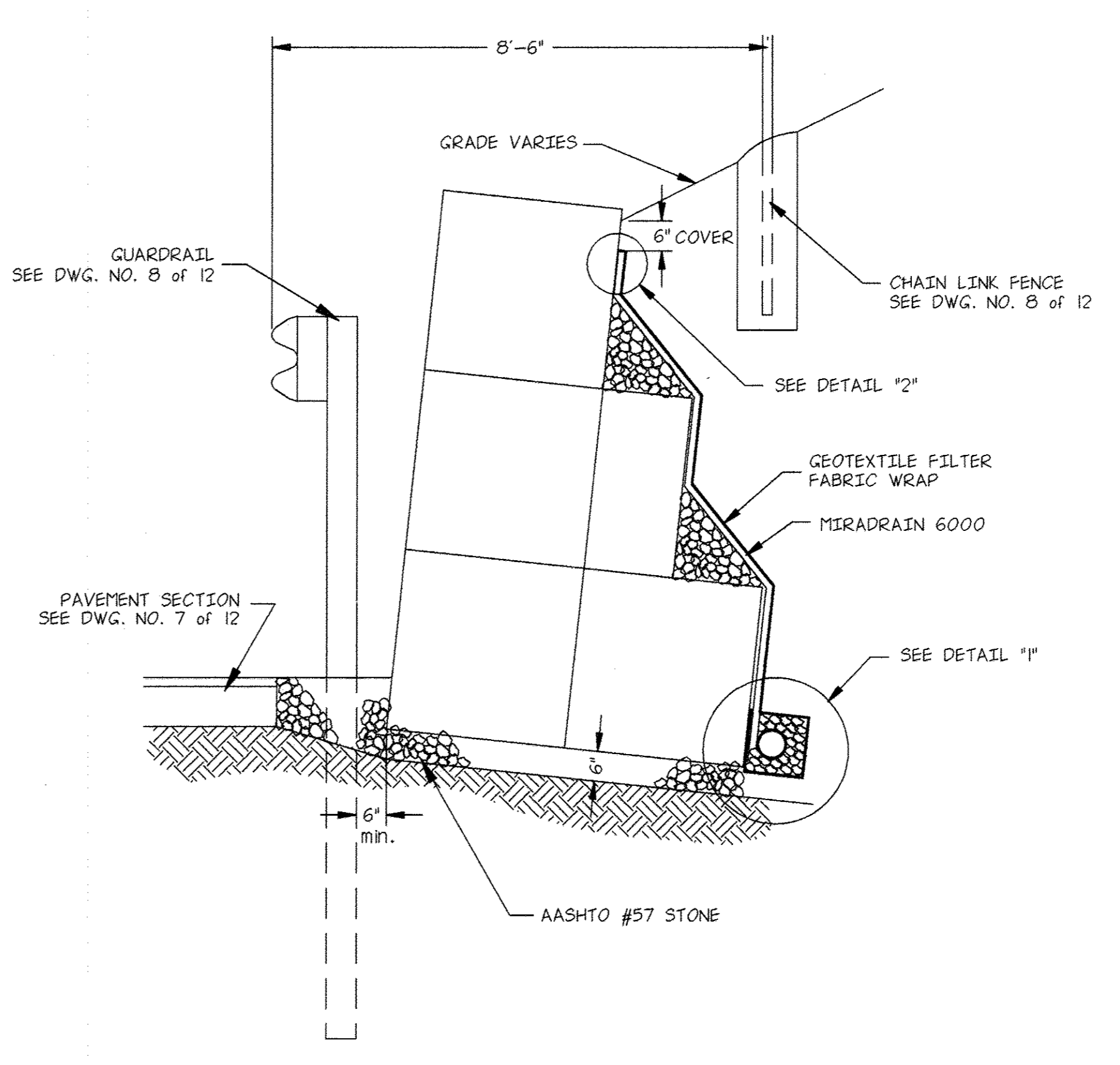
DATE: 9/16/92
DATE: 9/16/92
DATE: 9/16/92



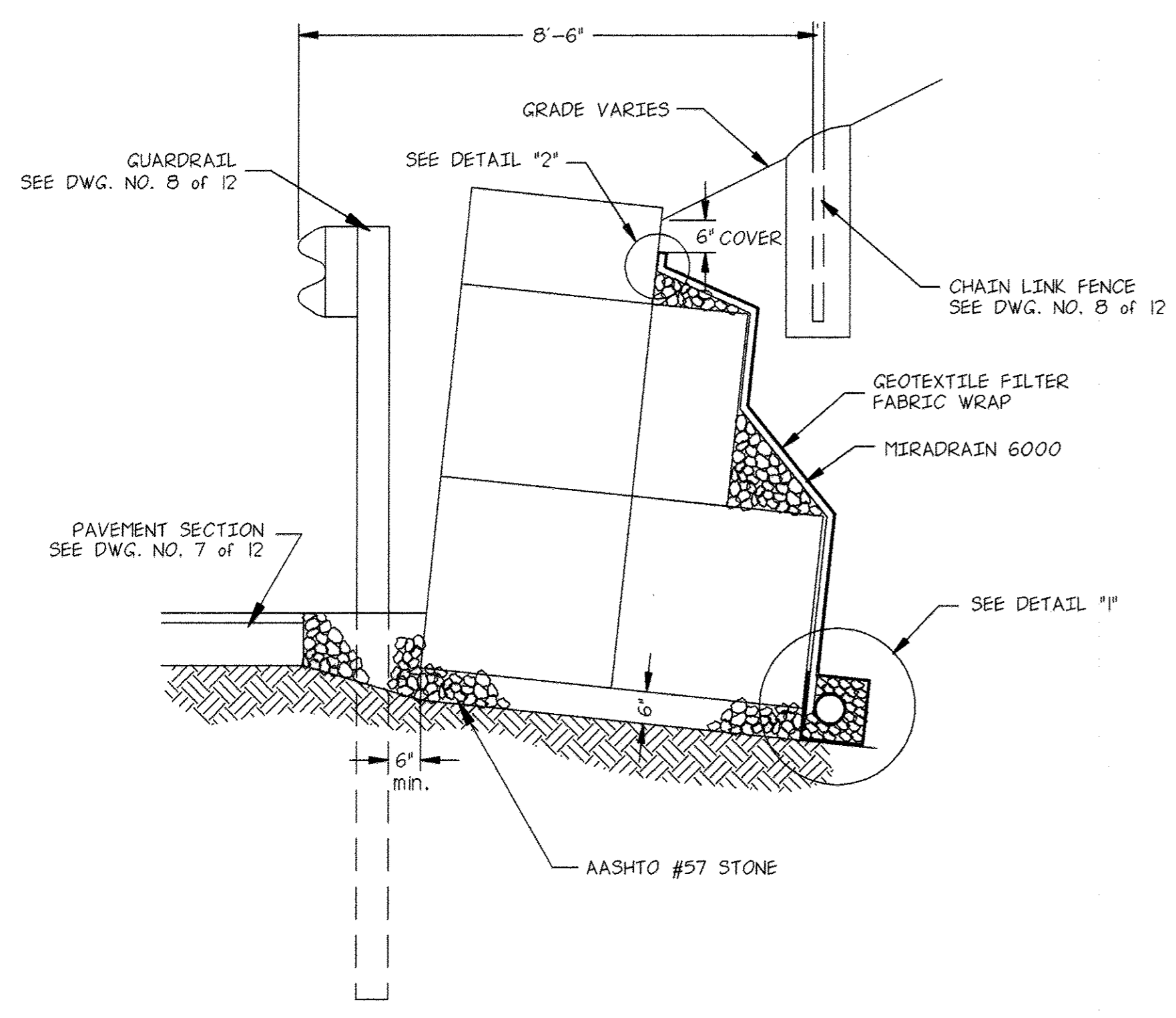
12' WALL SECTION "A"
N.T.S.



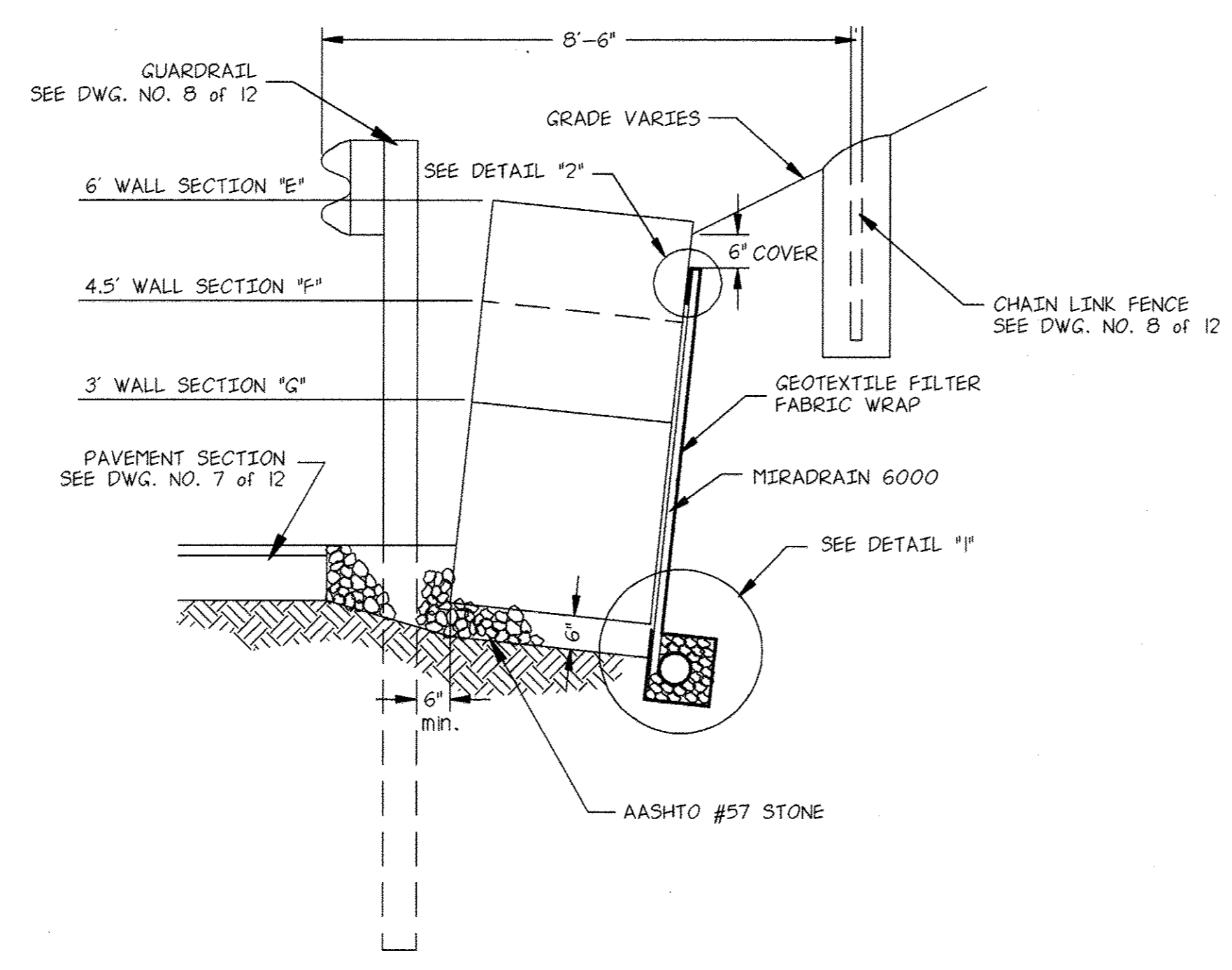
10.5' WALL SECTION "B"
N.T.S.



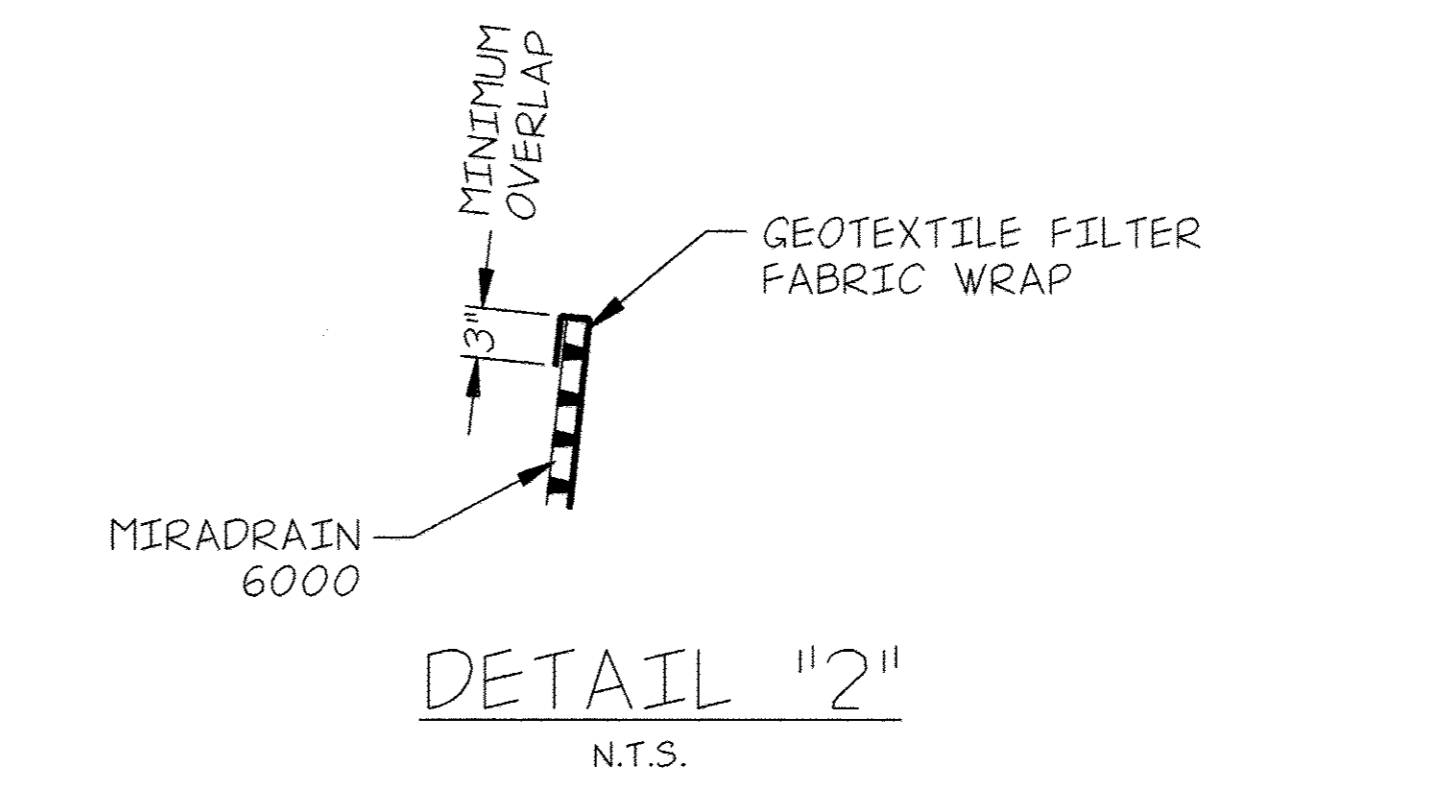
9' WALL SECTION "C"
N.T.S.



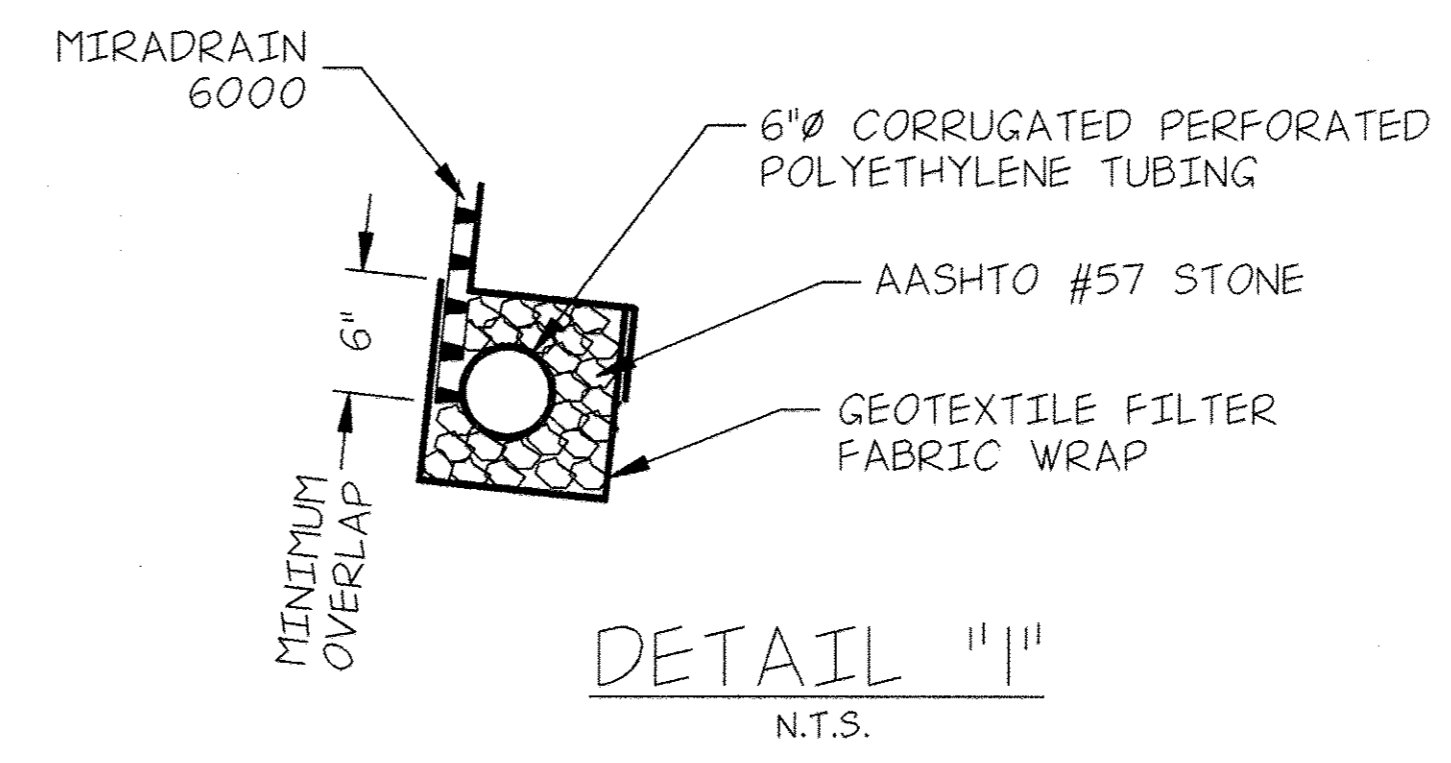
7.5' WALL SECTION "D"
N.T.S.



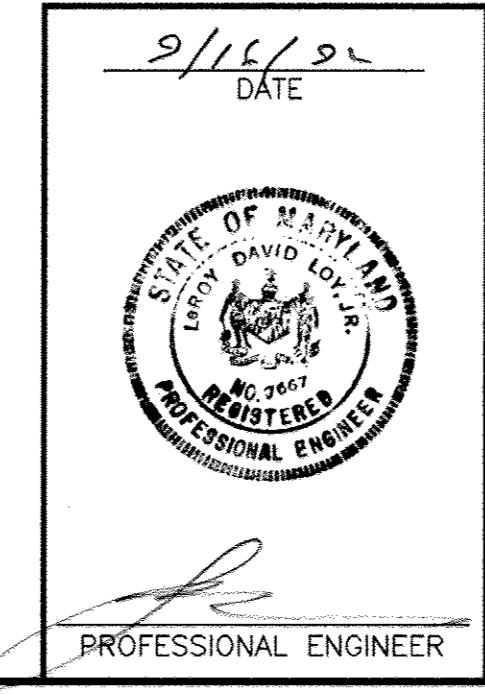
SECTIONS "E, F & G"
N.T.S.



DETAIL "2"
N.T.S.



DETAIL "1"
N.T.S.



CERTIFICATION BY THE DEVELOPER:
I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND BEFORE BEGINNING THE PROJECT. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.

Timothy D. Hoffmann **PROBATION DIRECTOR** 9/15/92
Signature of Developer Date

CERTIFICATION BY THE ENGINEER:
"I CERTIFY THAT THIS PLAN FOR PONDS, 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". I HAVE NOTIFIED THE DEVELOPER, THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION.

[Signature] 9/15/92
Signature of Engineer Date

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

Signature _____ Date _____
U.S. Soil Conservation Service

APPROVED: _____ Date _____
Howard S.C.D.

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

John J. [Signature] 3-10-93
County Health Officer Date

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Frank R. [Signature] 8/11/92
Director Date

Anna [Signature] 3/11/93
Chief, Division of Community Planning and Land Development Date

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

James [Signature] 3/3/93
Director Date

William [Signature] 9-29-92
Chief, Bureau of Engineering Date

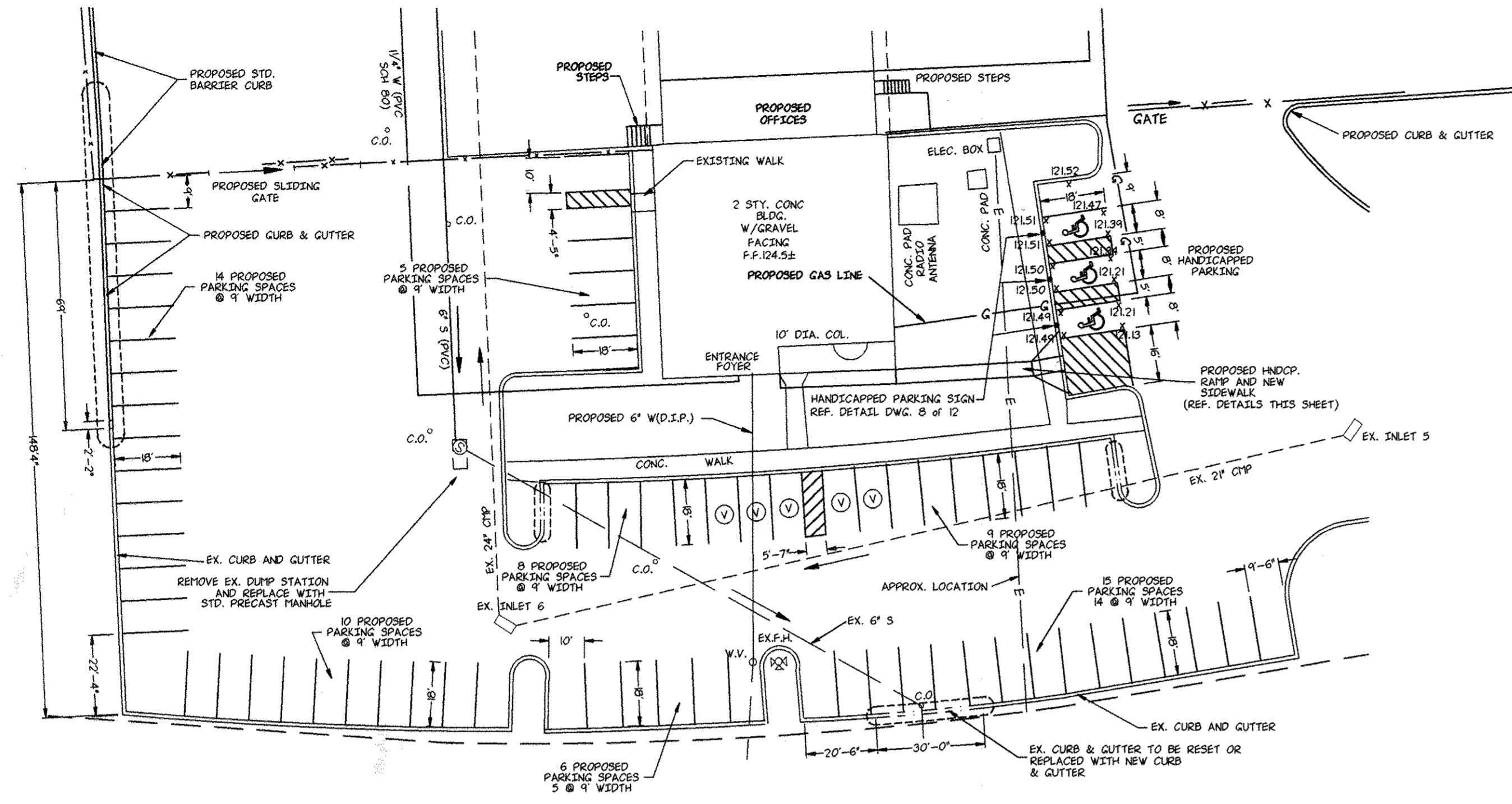
NO.	DATE	DESCRIPTION

OWNER AND DEVELOPER
NEW PENN MOTOR EXPRESS, INC.
625 SOUTH FIFTH AVENUE
LEBANON, PENNSYLVANIA 17042
(717) 274-2521

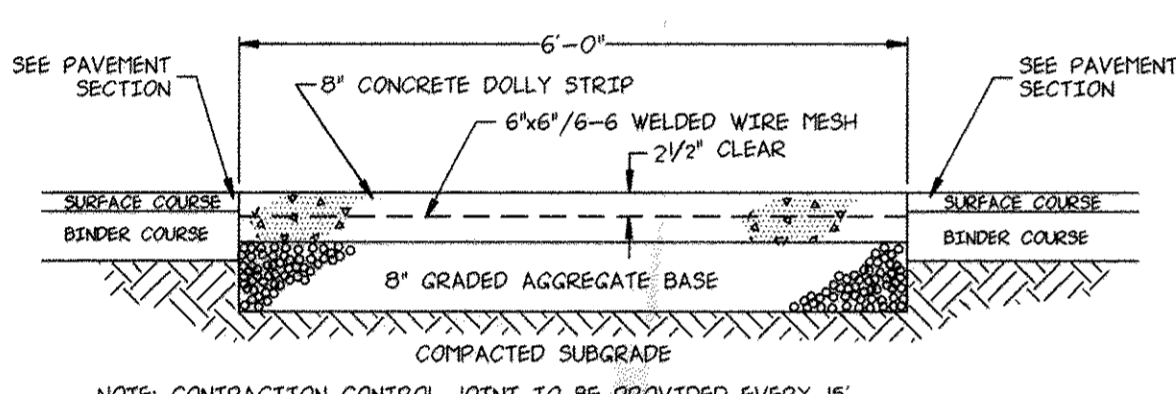
CONSTRUCTION DETAILS
OF
PARCEL "A-1"
RECORDED IN PLAT BOOK 6755
HARWOOD INDUSTRIAL CENTER
FIRST ELECTION DISTRICT-HOWARD COUNTY, MARYLAND

CENSUS TRACT NO. 6012 TAX MAP NO. 38
SCALE: AS NOTED **SKELLY AND LOY Inc.** DRAWN BY: K.L.S.
DATE: 4/15/92 ENGINEERS-CONSULTANTS CHECKED BY: B.A.S.
NO. Y920008-02 2601 N. FRONT STREET HARRISBURG, PENNSYLVANIA 17110 (717) 232-0593 DWG. NO. 6 of 12

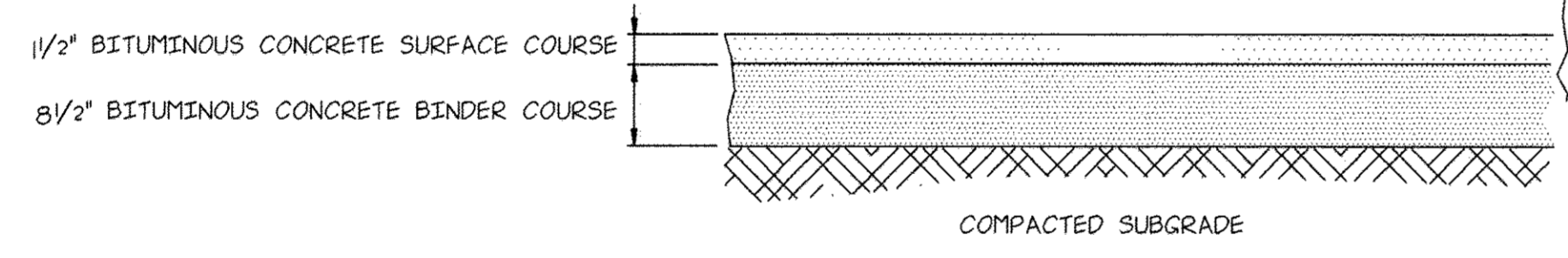
GABION RETAINING WALL SECTIONS



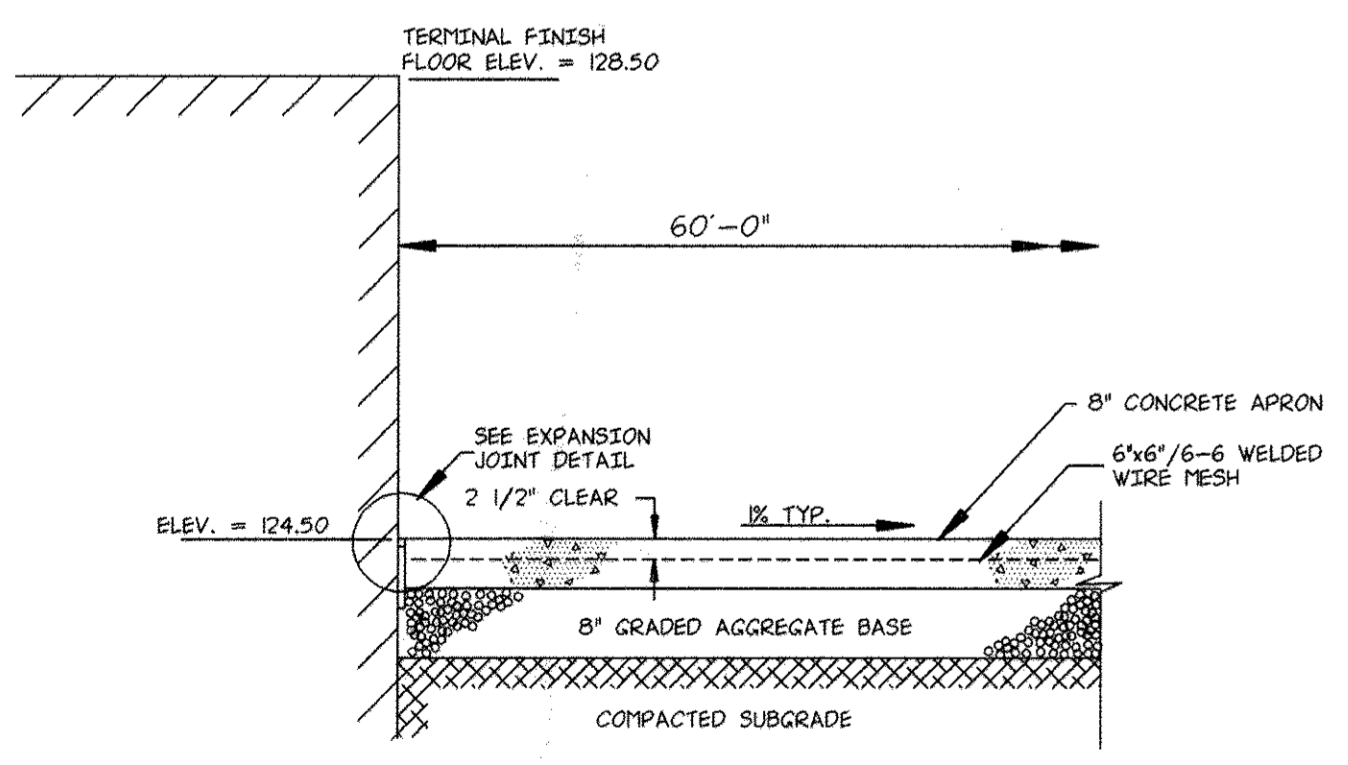
PROPOSED PARKING ADDITIONS
SCALE: 1" = 30'-0"



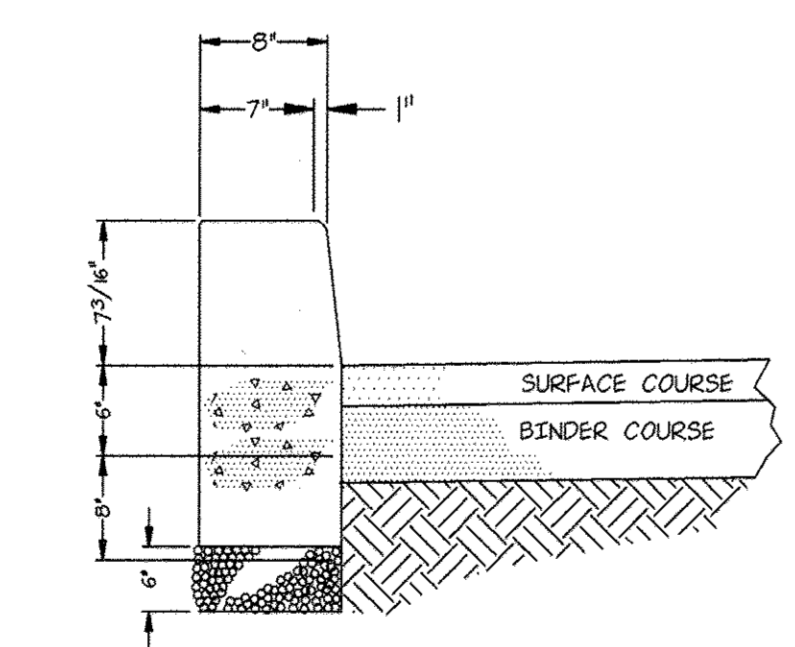
DOLLY STRIP SECTION
N.T.S.



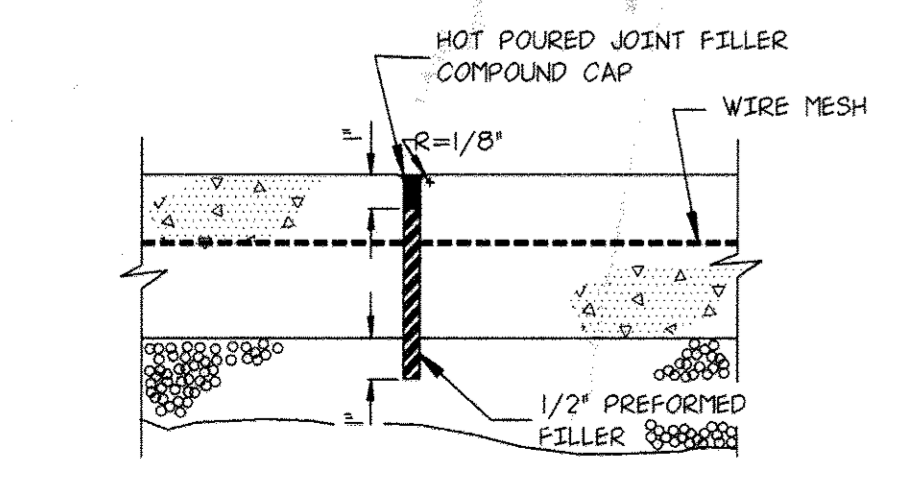
PAVEMENT SECTION
N.T.S.



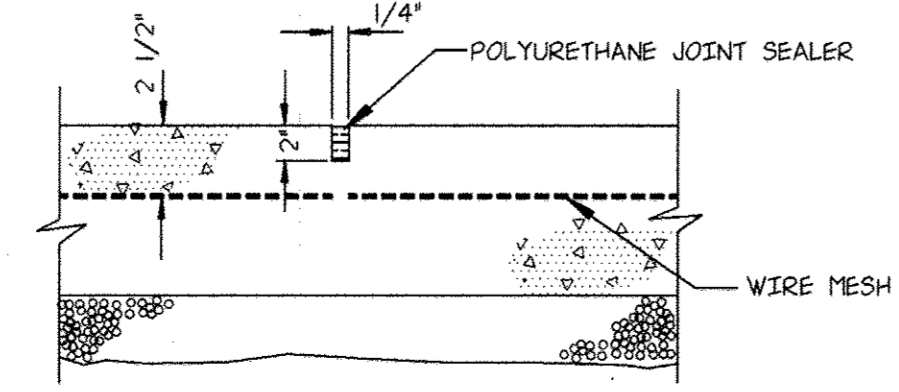
CONCRETE APRON SECTION
N.T.S.



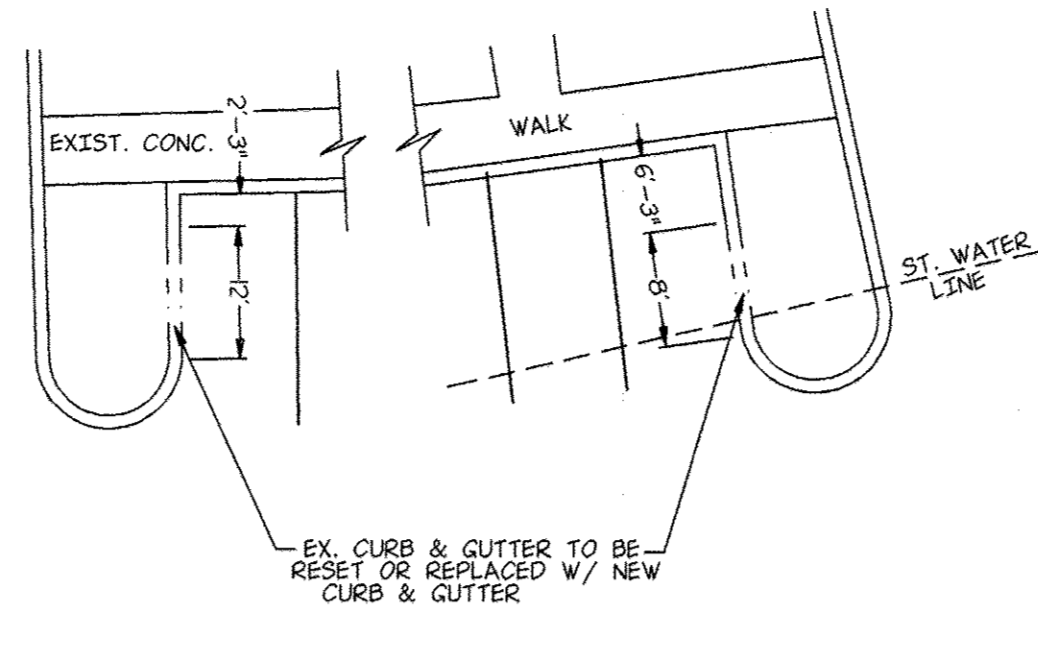
PAVEMENT AND CURB DETAIL
N.T.S.



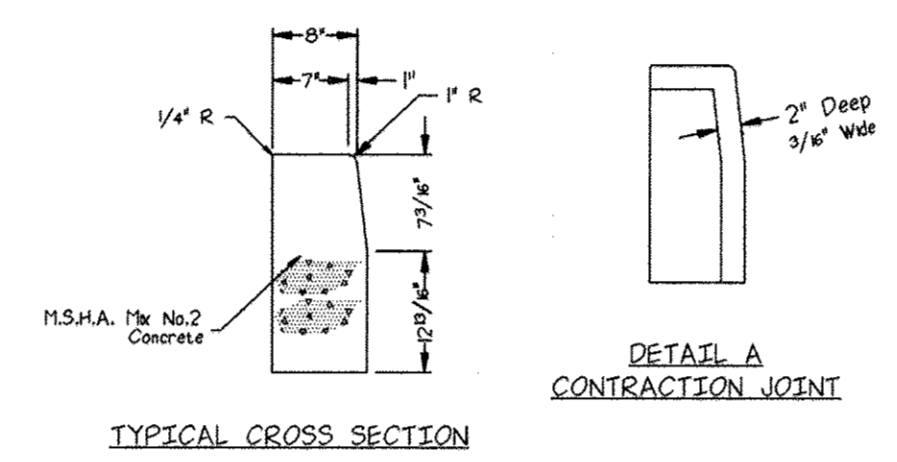
EXPANSION JOINT DETAIL
N.T.S.



CONTRACTION CONTROL JOINT DETAIL (SAW CUT)
N.T.S.

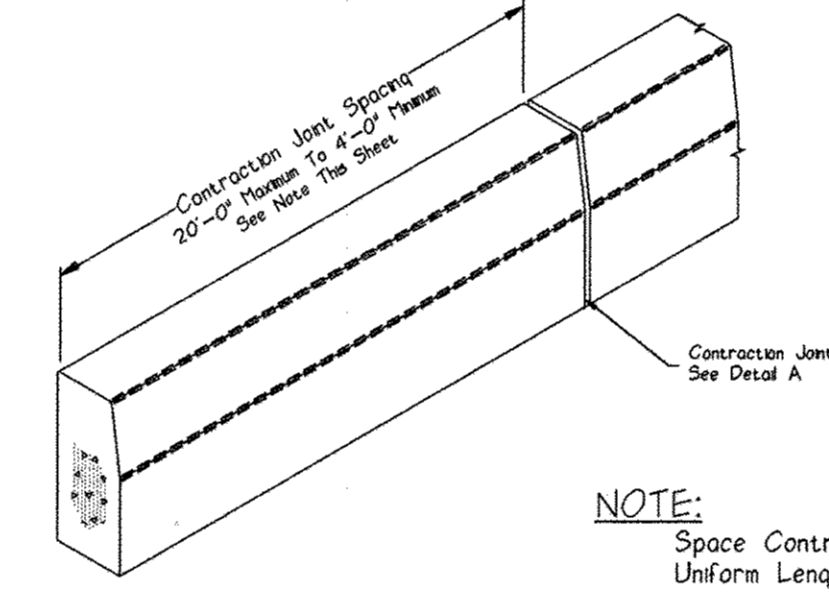


GUTTER REPLACEMENT



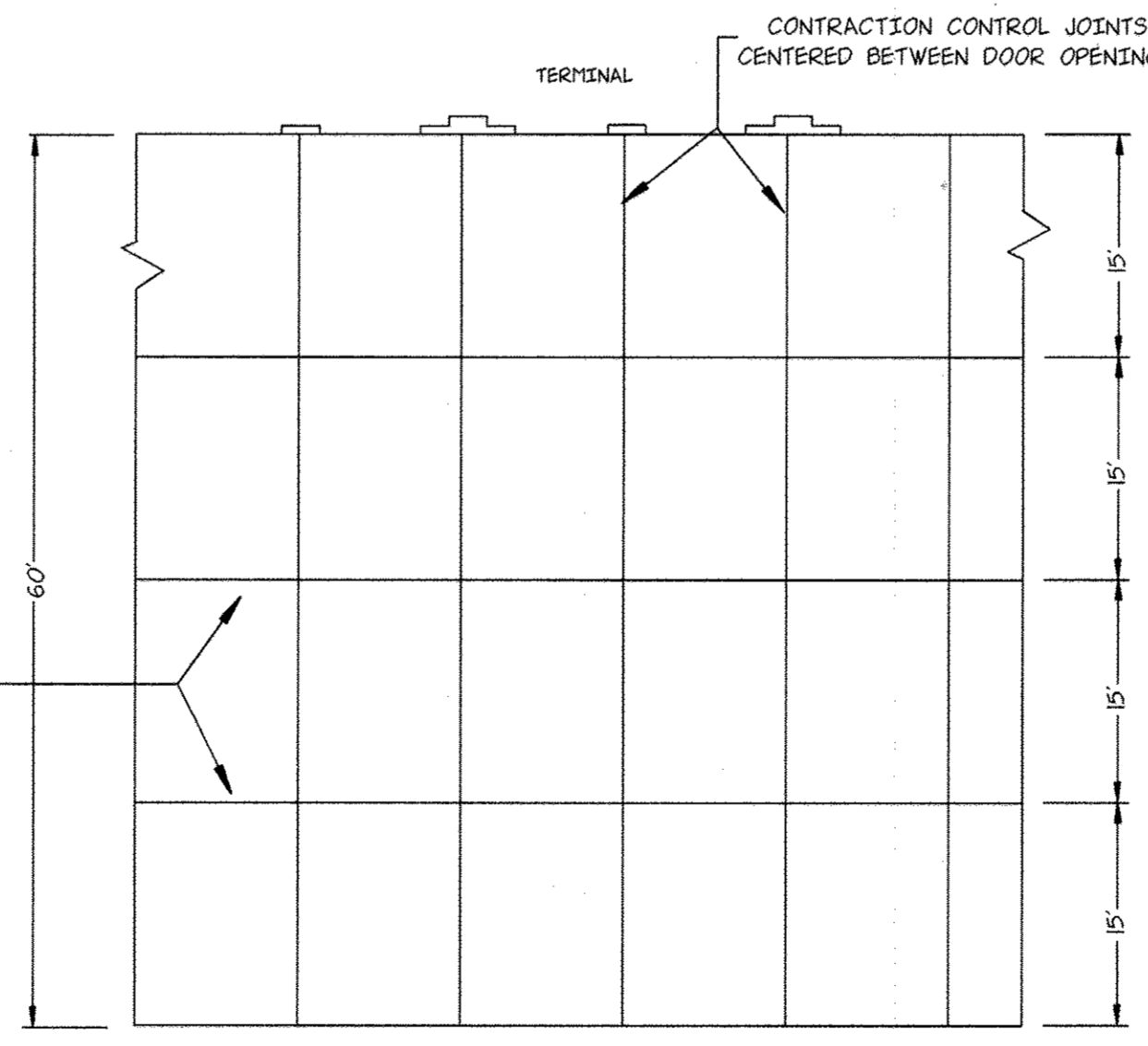
TYPICAL CROSS SECTION

**DETAIL A
CONTRACTION JOINT**



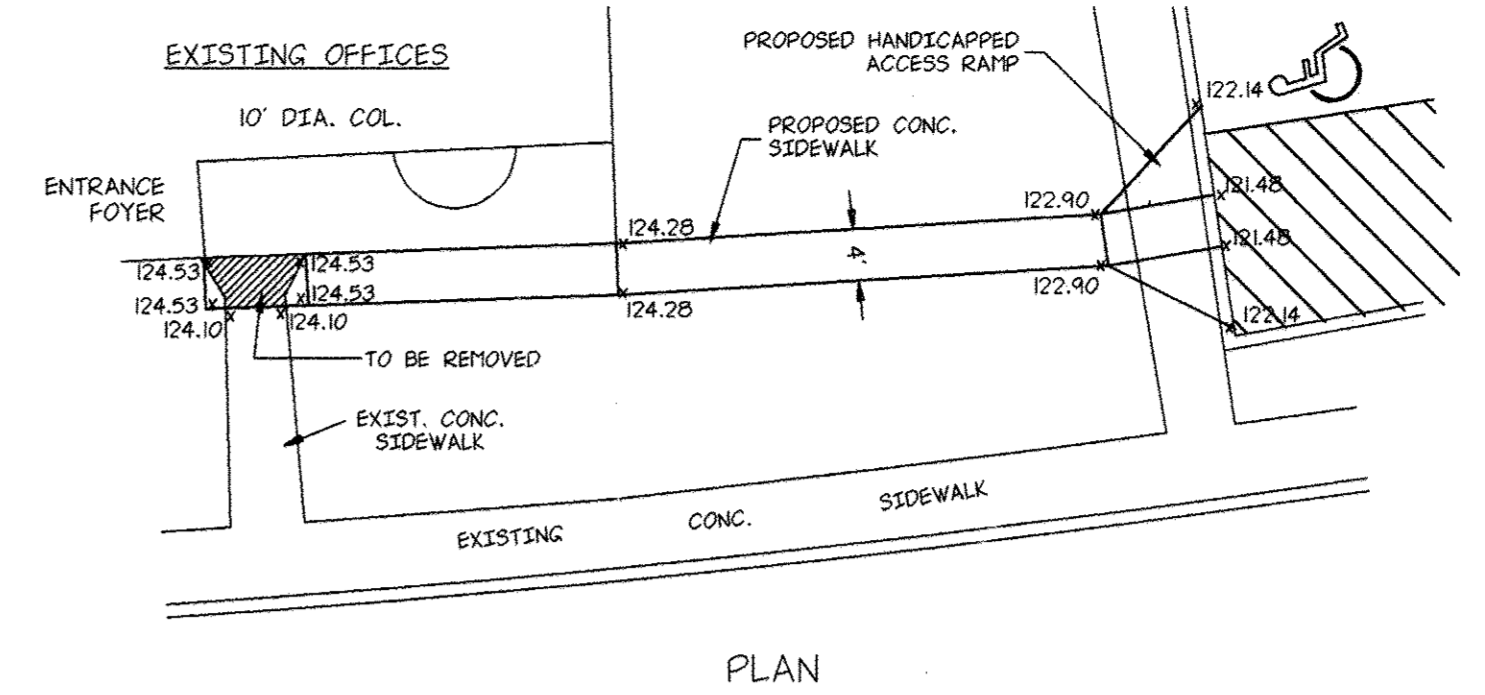
STANDARD BARRIER CURB
N.T.S.

NOTE:
Space Contraction Joints in Uniform Lengths or Sections.

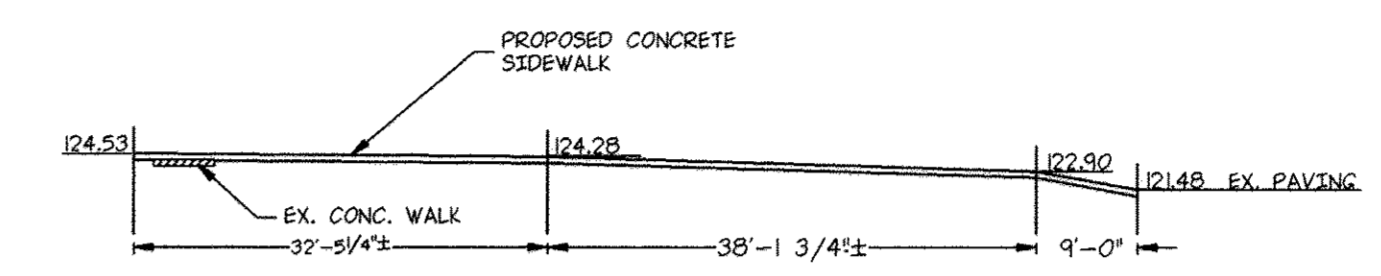


TYPICAL CONCRETE APRON JOINT LAYOUT
N.T.S.

NOTE: PROVIDE AN EXPANSION JOINT IN PLACE OF EVERY SIXTH CONTRACTION CONTROL JOINT WHICH IS CENTERED BETWEEN DOOR OPENINGS.

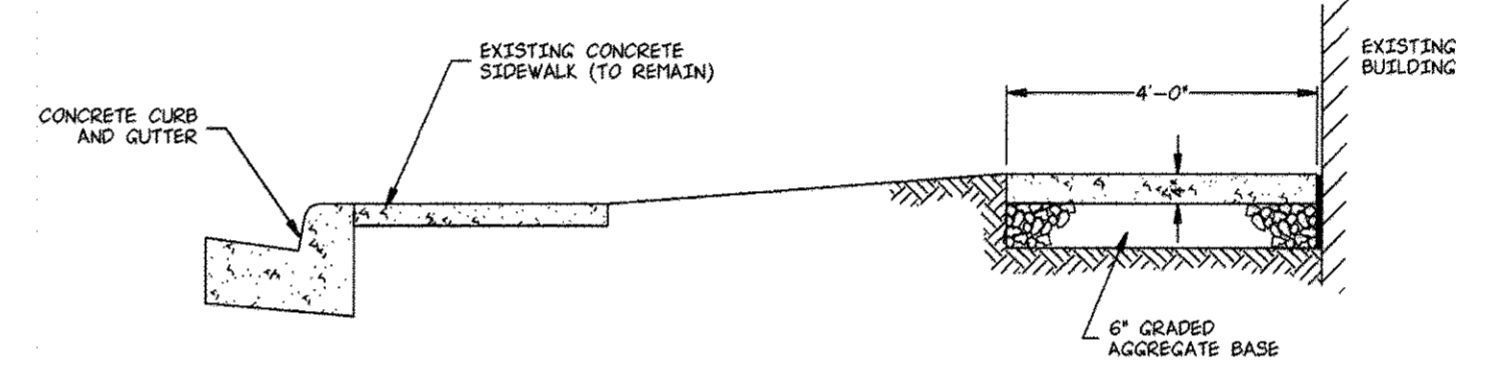


PLAN



PROFILE

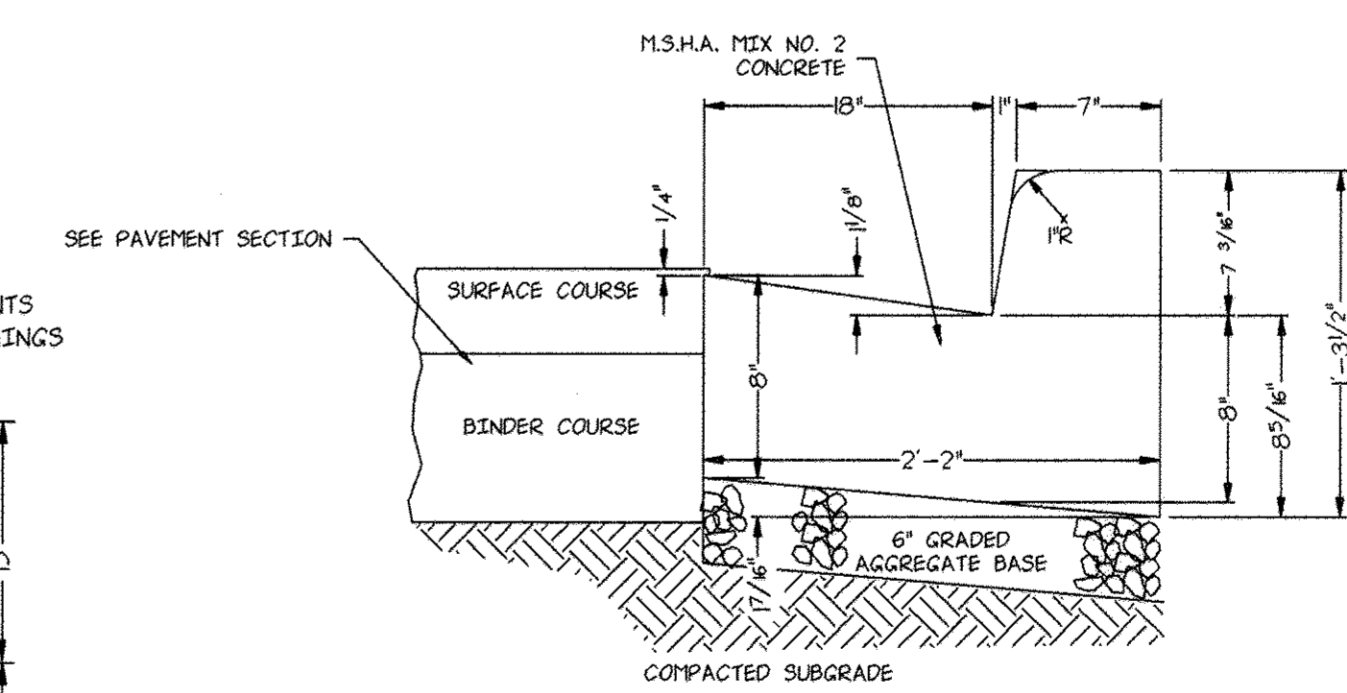
PROPOSED SIDEWALK AND HANDICAPPED ACCESS RAMP



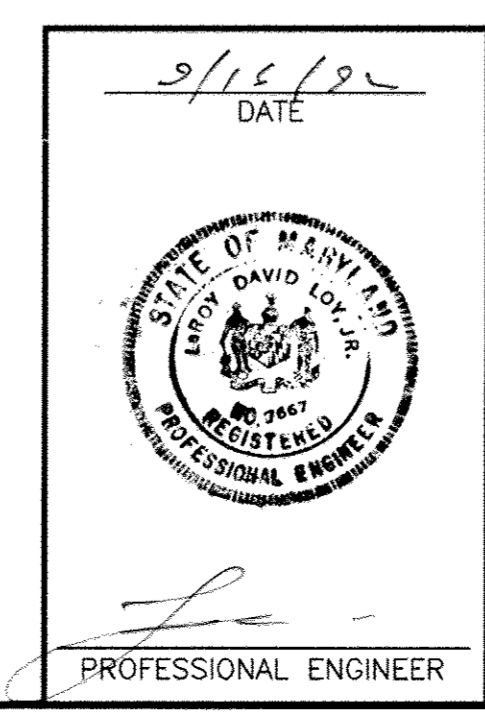
CONCRETE SIDEWALK DETAIL
N.T.S.

NOTE:

- SIDEWALK TO BE SCRIBED IN 4' MAXIMUM SQUARES.
- EXPANSION JOINTS ACROSS THE SIDEWALK NOT TO BE MORE THAN 15' APART.
- 1/2" PREFORMED BITUMINOUS EXPANSION MATERIAL IN EXPANSION JOINTS TO BE KEPT 1/4" BELOW SURFACE OF SIDEWALK.
- CONCRETE TO BE MIX NO. 2.
- WHEN CONCRETE ABUTS BUILDING, 1/2" PREFORMED BITUMINOUS EXPANSION JOINT MATERIAL TO BE BETWEEN BUILDING AND WALK.



CONCRETE CURB AND GUTTER
N.T.S.



CERTIFICATION BY THE DEVELOPER:
I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND BEFORE BEGINNING THE PROJECT. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.
Timothy D. Hoeger **Project Director** 9/15/92
Signature of Developer Date

CERTIFICATION BY THE ENGINEER:
"I CERTIFY THAT THIS PLAN FOR PONDS, 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". I HAVE NOTIFIED THE DEVELOPER, THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION.
[Signature] 9/15/92
Signature of Engineer Date

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL.
Signature _____ Date _____
U.S. Soil Conservation Service

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED: _____ Date _____
Howard S.C.D.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
John B. [Signature] 3-10-93
County Health Officer Date

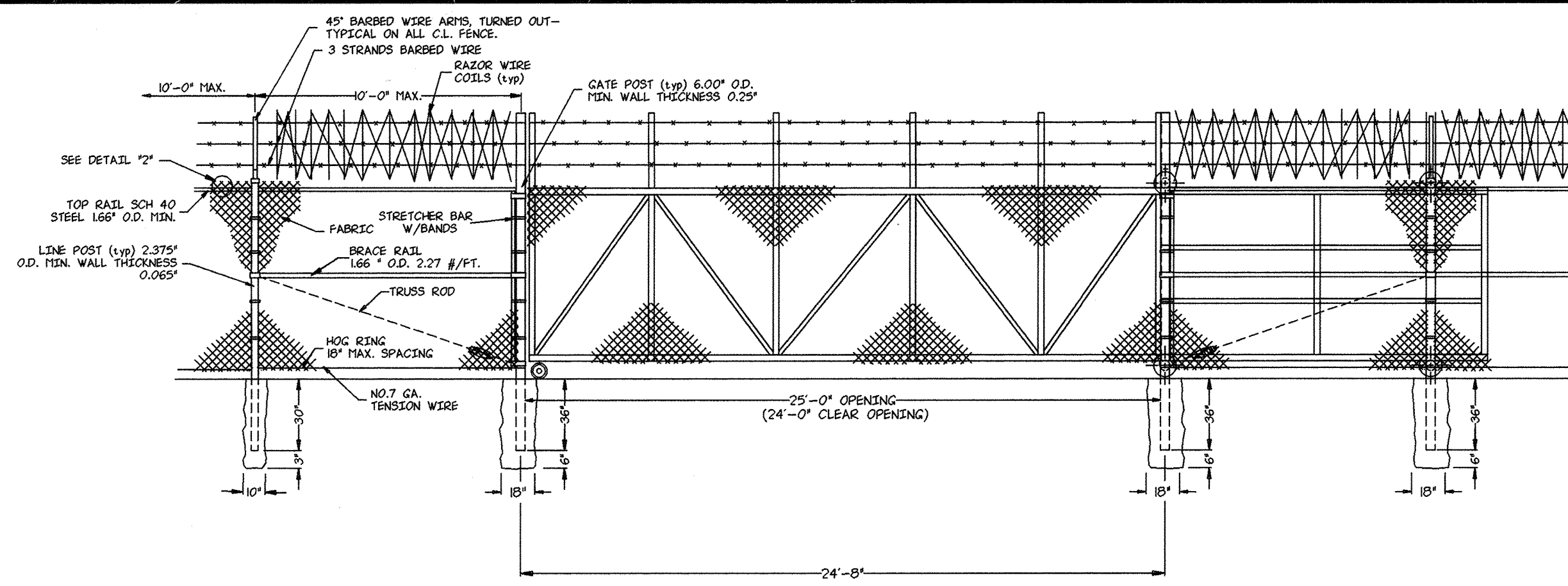
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
Martha V. [Signature] 2/1/93
Director Date
Thomas J. [Signature] 3/11/93
Chief, Division of Community Planning and Land Development Date

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James [Signature] 3/3/93
Director Date
William [Signature] 9-29-92
Chief, Bureau of Engineering Date

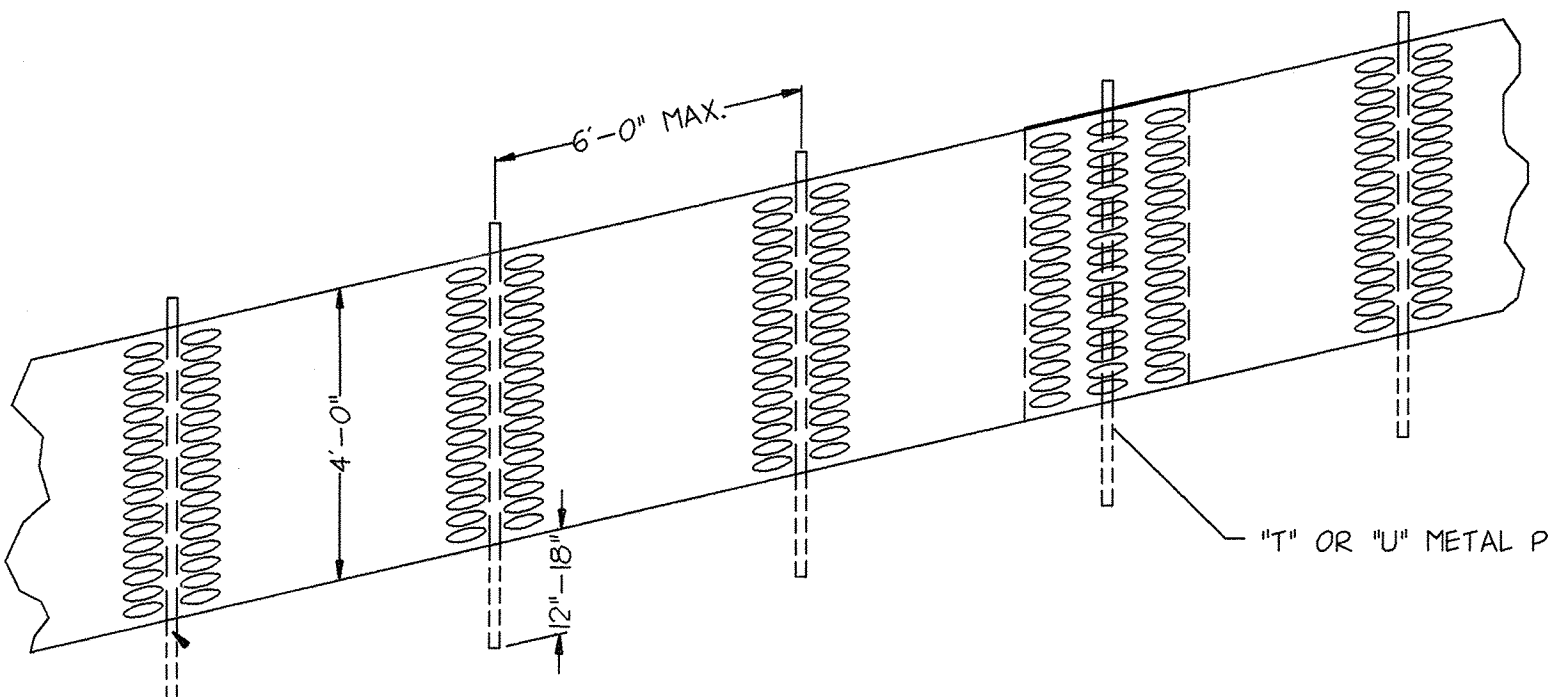
NO.	DATE	DESCRIPTION
1	7/2/92	DELETE EX. INFORMATION FROM PROP. PARKING ADDITIONS AND ADD SPOT ELEVATIONS FOR HANDICAPPED PARKING

OWNER AND DEVELOPER
NEW PENN MOTOR EXPRESS, INC.
625 SOUTH FIFTH AVENUE
LEBANON, PENNSYLVANIA 17042
(717) 274-2521

CONSTRUCTION DETAILS
OF
PARCEL "A-1"
RECORDED IN PLAT BOOK 6755
HARWOOD INDUSTRIAL CENTER
FIRST ELECTION DISTRICT-HOWARD COUNTY, MARYLAND
CENSUS TRACT NO. 6012 TAX MAP NO. 38
SCALE: AS NOTED **SKELLY AND LOY Inc.** DRAWN BY: K.L.S.
DATE: 4/15/92 ENGINEERS-CONSULTANTS CHECKED BY: B.A.S.
NO. Y920008-02 2601 N. FRONT STREET HARRISBURG, PENNSYLVANIA 17110 (717) 232-0593 DWG. NO. 7 OF 12

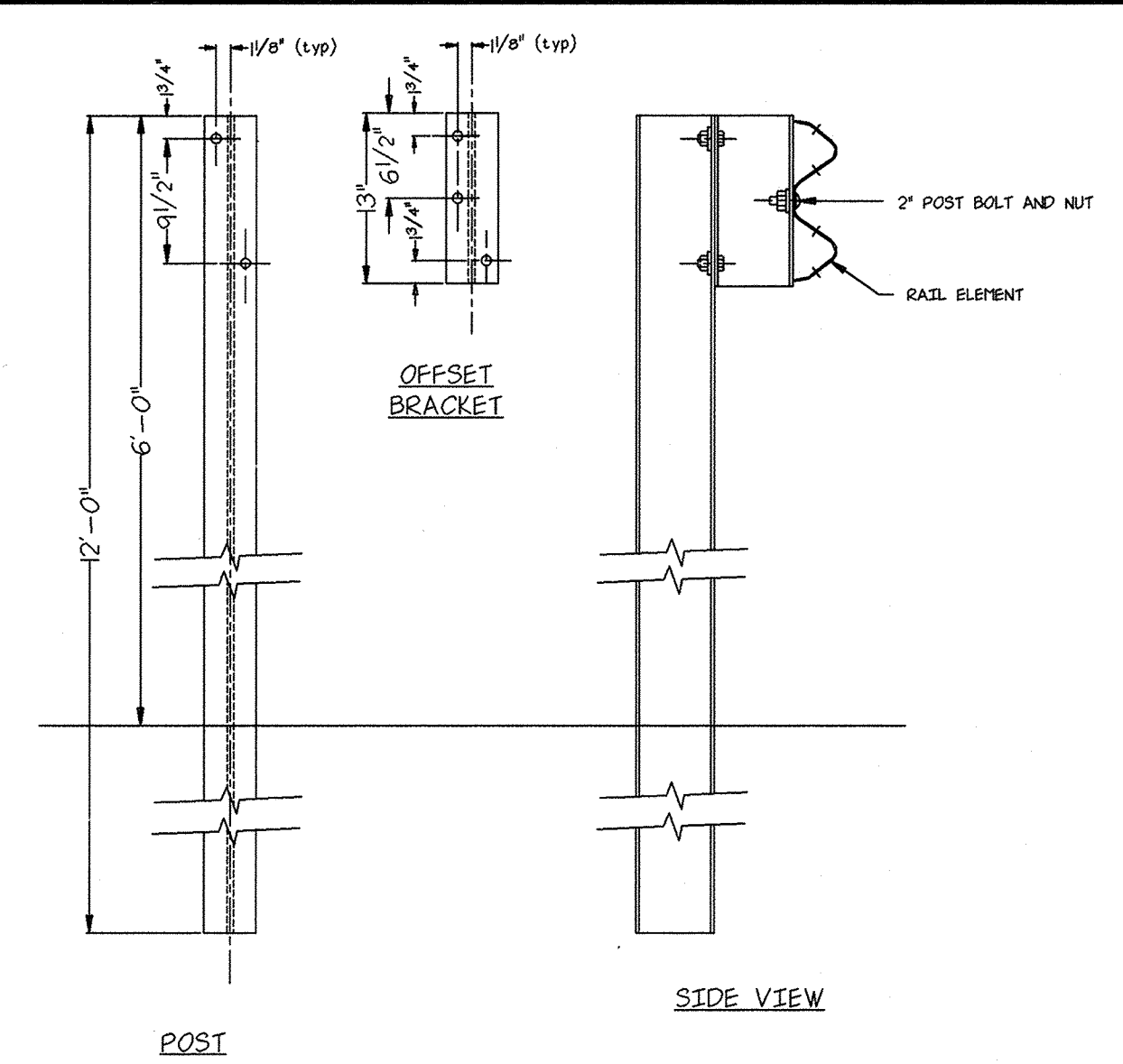


CHAIN LINK FENCE AND GATE DETAIL
N.T.S.



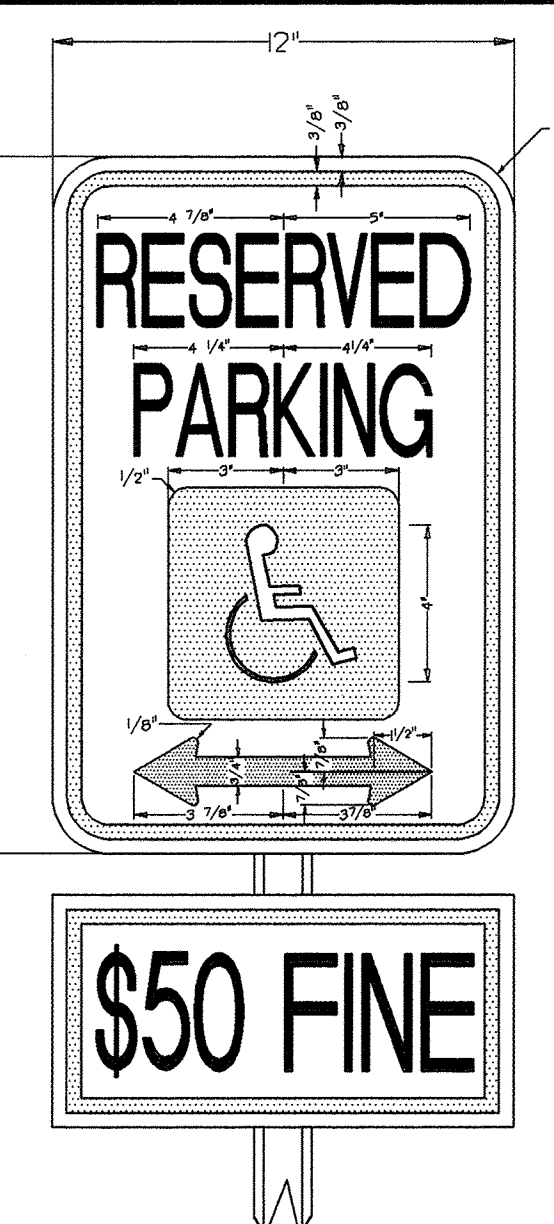
PROTECTIVE FENCE DETAIL
N.T.S.

- NOTES:
1. THE FENCE SHALL BE INSTALLED USING A METAL "I" OR "U" POST DRIVEN INTO THE GROUND TO A DEPTH OF 12 TO 18 INCHES. POSTS SHOULD BE SPACED EVERY 6 FEET. NOTE: NOTCHED POSTS ARE IDEAL TO PREVENT THE FENCE FROM SLIPPING.
 2. THREE WIRE TIES WRAPPED AROUND A FENCE STRAND AND THE POST SHALL BE USED IN SECURING THE FENCE TO THE POST. TENSION WIRE OR ROPE MAY BE USED AS A TOP STRINGER AND WOVEN THROUGH THE TOP ROW OF STRANDS TO PREVENT POTENTIAL SAGGING.
 3. TWO ROLLS OF SAFETY FENCE MAY BE OVERLAPPED AT THE INTERSECTION OF A POST AND SECURED WITH WIRE TIES.
 4. THE FENCE SHALL BE INTERNATIONAL ORANGE IN COLOR (UV STABILIZED).



GUARD RAIL DETAILS
N.T.S.

MATERIAL SPECIFICATIONS FOR SAND FILTERS			
MATERIAL	SPECIFICATION/TEST METHOD	SIZE	NOTES
SAND	CLEAN AASHTO-M-6 OR ASTM-C-33 CONCRETE SAND	0.02" TO 0.04"	SAND SUBSTITUTIONS SUCH AS DIABASE AND GRANSTONE #10 ARE NOT ACCEPTABLE. NO CALCIUM OR BARIUM OR DOLOMITIC SANDS. SUBSTITUTIONS ARE ACCEPTABLE. NO "ROCK DUST" CAN BE USED FOR SAND.
UNDERDRAIN GRAVEL	AASHTO-M-43	0.375" TO 0.75"	
GEOTEXTILE FABRIC	ASTM-D-4833 (PUNCTURE STRENGTH 125 LB.) ASTM-D-4632 (TENSILE STRENGTH 300 LB.)	0.08" THICK EQUIVALENT OPENING OF #80 SIEVE	MUST MAINTAIN 1/8" MIN. SOFT FLOOR GATE. NOTE: A 4" AREA GRAVEL LAYER MAY BE SUBSTITUTED FOR GEOTEXTILE MEANT TO "SEPARATE" SAND FILTER LAYERS.
UNDERDRAIN PIPING	F 758 TYPE PS 28 OR AASHTO-M-210	RIGID SCHEDULE 40 PVC OR SDR 35	3/8" PER 6" ON CENTER, 4 HOLES PER ROW; MINIMUM OF 3" GRAVEL OVER PIPES; NOT NECESSARY UNDERNEATH PIPES.
CONCRETE	MSHA STANDARDS AND SPECS. SECTION 902, MIX NO. 3, FC + 3500 PSI, NORMAL WEIGHT, AIR ENTRAINMENT, REINFORCING TO MEET ASTM-A-630		

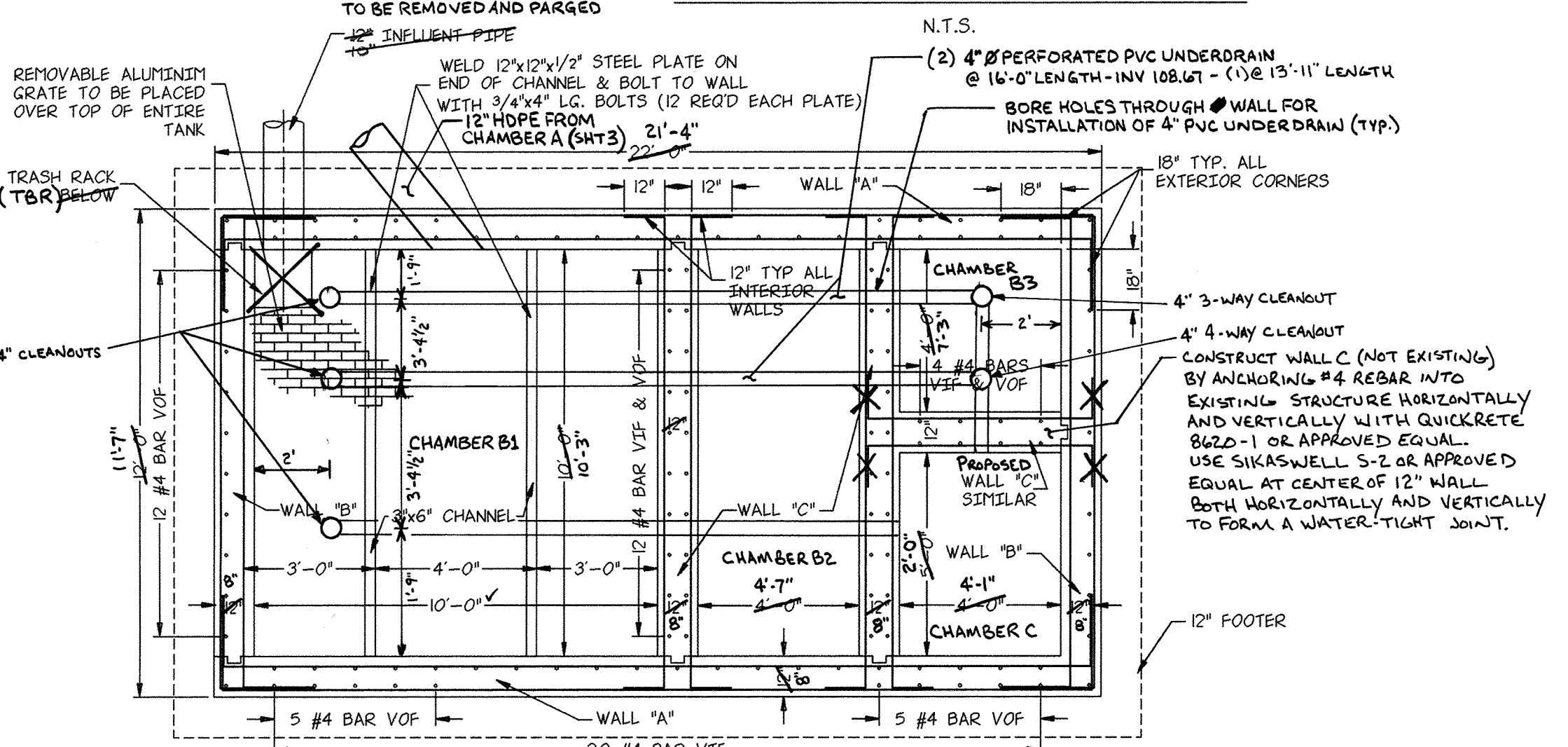


HANDICAPPED PARKING SIGN
N.T.S.

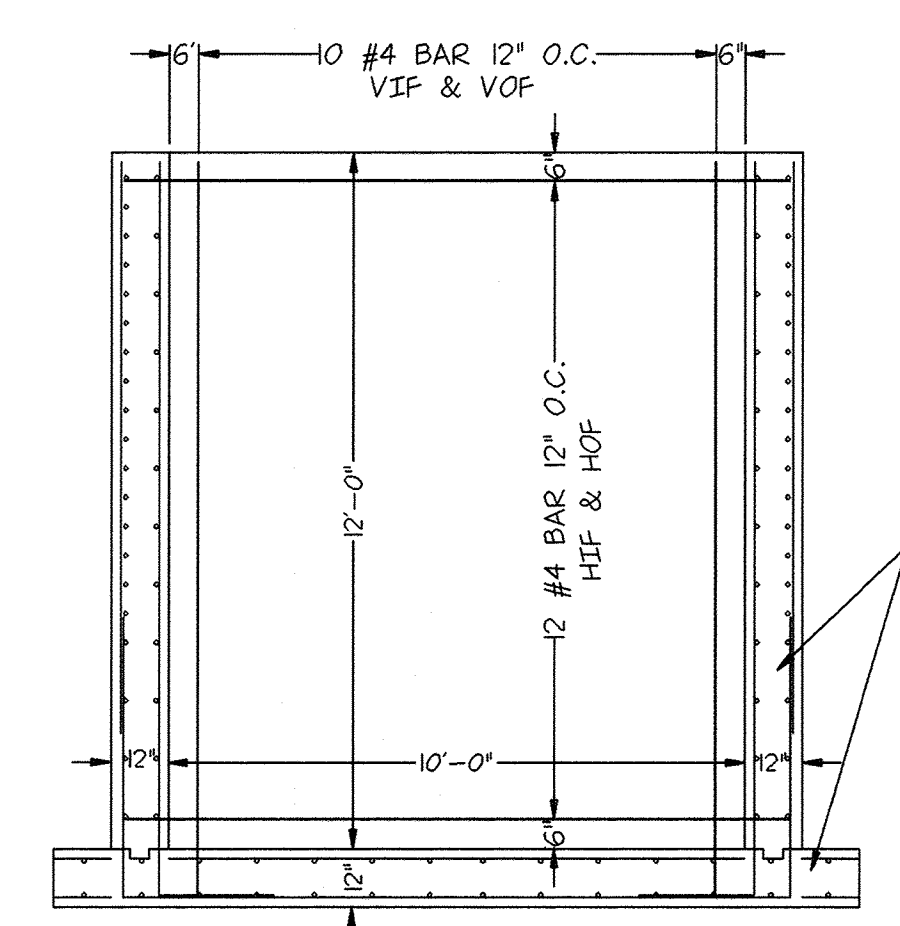
- NOTE:
1. FINE SIGN TO UTILIZE AN ALUMINUM BLANK 6" x 12" x 0.090 INCH THICK TWO (2) SINGLE POST MOUNTING HOLES. THE TEXT AND BORDER SHALL BE STANDARD GREEN TO MATCH THE R7-B RESERVED PARKING SIGN AND THE BACKGROUND SHALL BE REFLECTIVE WHITE. THE TEXT SHALL BE 3" CHARACTERS.
 2. THE FINE SIGN SHALL BE MOUNTED UNDERNEATH THE R7-B RESERVED PARKING SIGN. THE BOTTOM EDGE SHALL BE NO LESS THAN 7 FEET ABOVE GROUND AND NO MORE THAN 10 FEET ABOVE GROUND.

COLOR
LEGEND AND BORDER - GREEN
WHITE SYMBOL ON BLUE BACKGROUND
BACKGROUND - WHITE

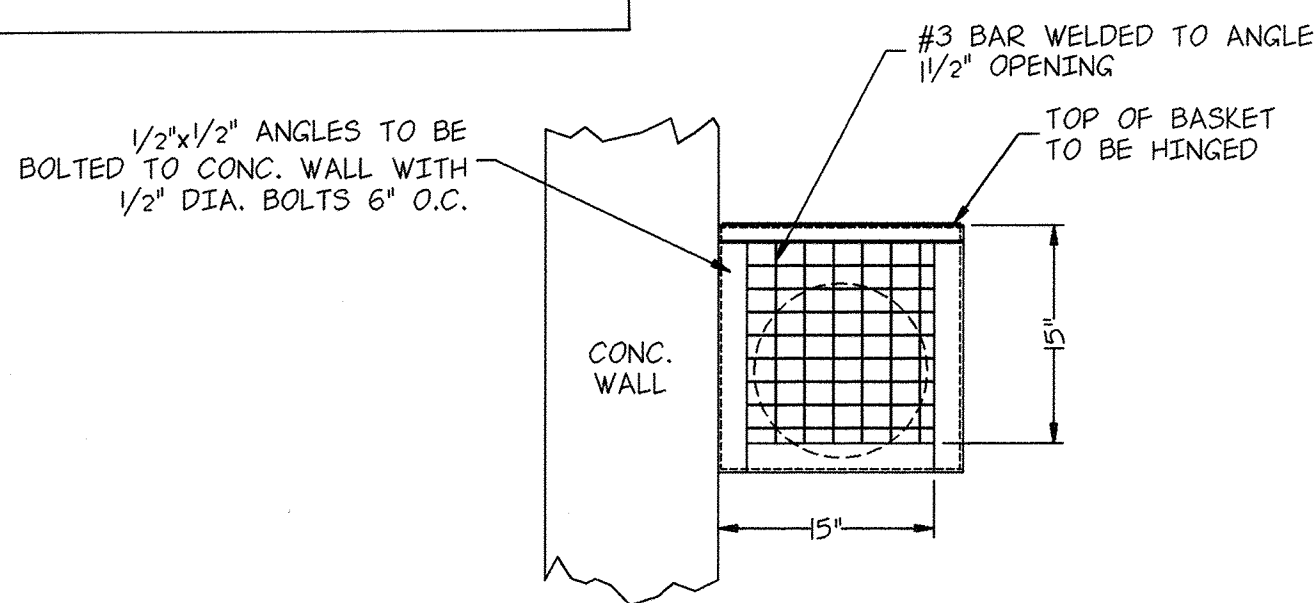
- OPERATION AND MAINTENANCE NOTES
1. THE SAND FILTER SHOWN HEREON WILL REQUIRE PERIODIC CLEANING TO BE CARRIED OUT BY A PROFESSIONAL SEPTIC MAINTENANCE SERVICE, OR OTHER APPROVED SERVICE AS REQUIRED BELOW OR BY HOWARD COUNTY.
 2. MAINTENANCE OF THIS FACILITY WILL CONSIST OF CLEANING OF THE SEPARATOR AND DISPOSAL OF THE WASTE AND REPAIR OF THE FACILITY AS NEEDED, PLUS FILTER CHAMBER MAINTENANCE AS DESCRIBED BELOW IN STEPS 3. ALL LIQUID AND SOLID MATERIAL SHALL BE PUMPED INTO A SUITABLE TANK TRUCK AND DISPOSED OF AT AN APPROVED SITE.
 3. THE WATER LEVEL IN THE FILTER CHAMBER SHOULD BE MONITORED TO ENSURE THE DEWATERING TAKES NO LONGER THAN 72 HOURS. IF THE DEWATERING TAKES LONGER THAN 72 HOURS, THE TOP LAYER OF AGGREGATE SHOULD BE CLEANED AND THE FILTER MEDIA SHOULD BE EVALUATED AND REPLACED IF NEEDED.
 4. CHAMBER A SHOULD BE CLEANED IF THE AVERAGE DEPTH OF SEDIMENT EXCEEDS ONE FOOT.
 5. THE STRUCTURE PIPES, TRASH RACKS AND GRATES, SHALL BE REPAIRED AS NEEDED.



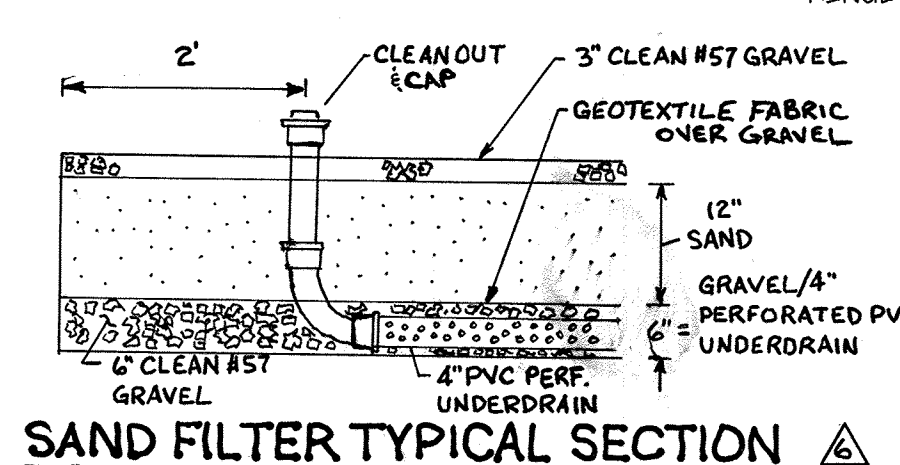
SECTIONAL PLAN OIL-WATER SEPARATOR 'A'-A
N.T.S.



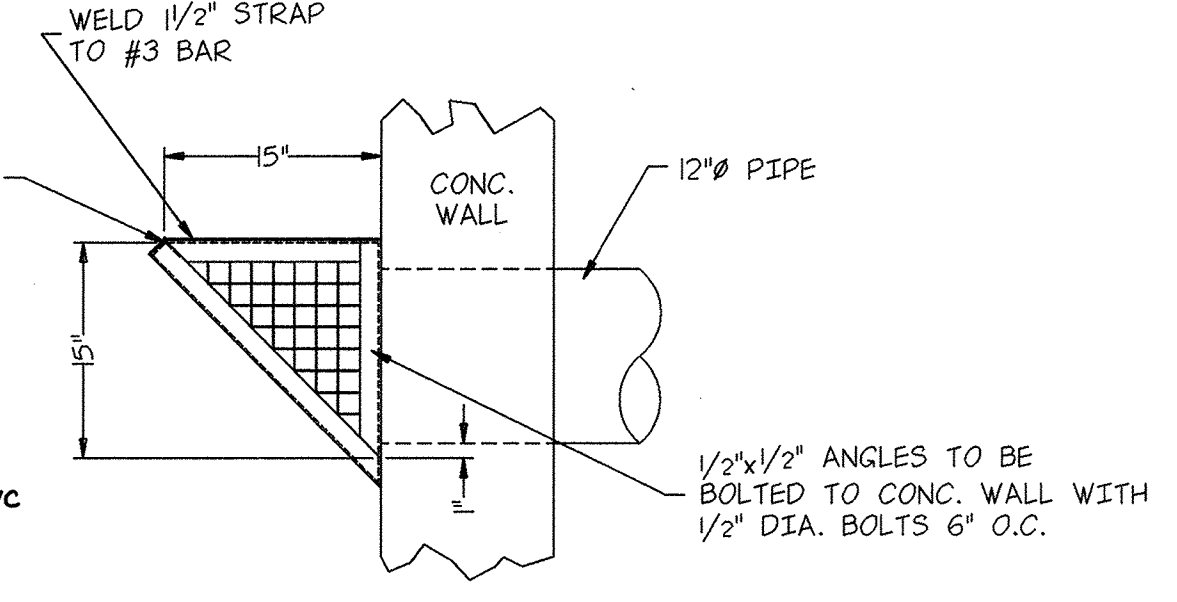
WALL C INTERIOR WALL SECTION
N.T.S.



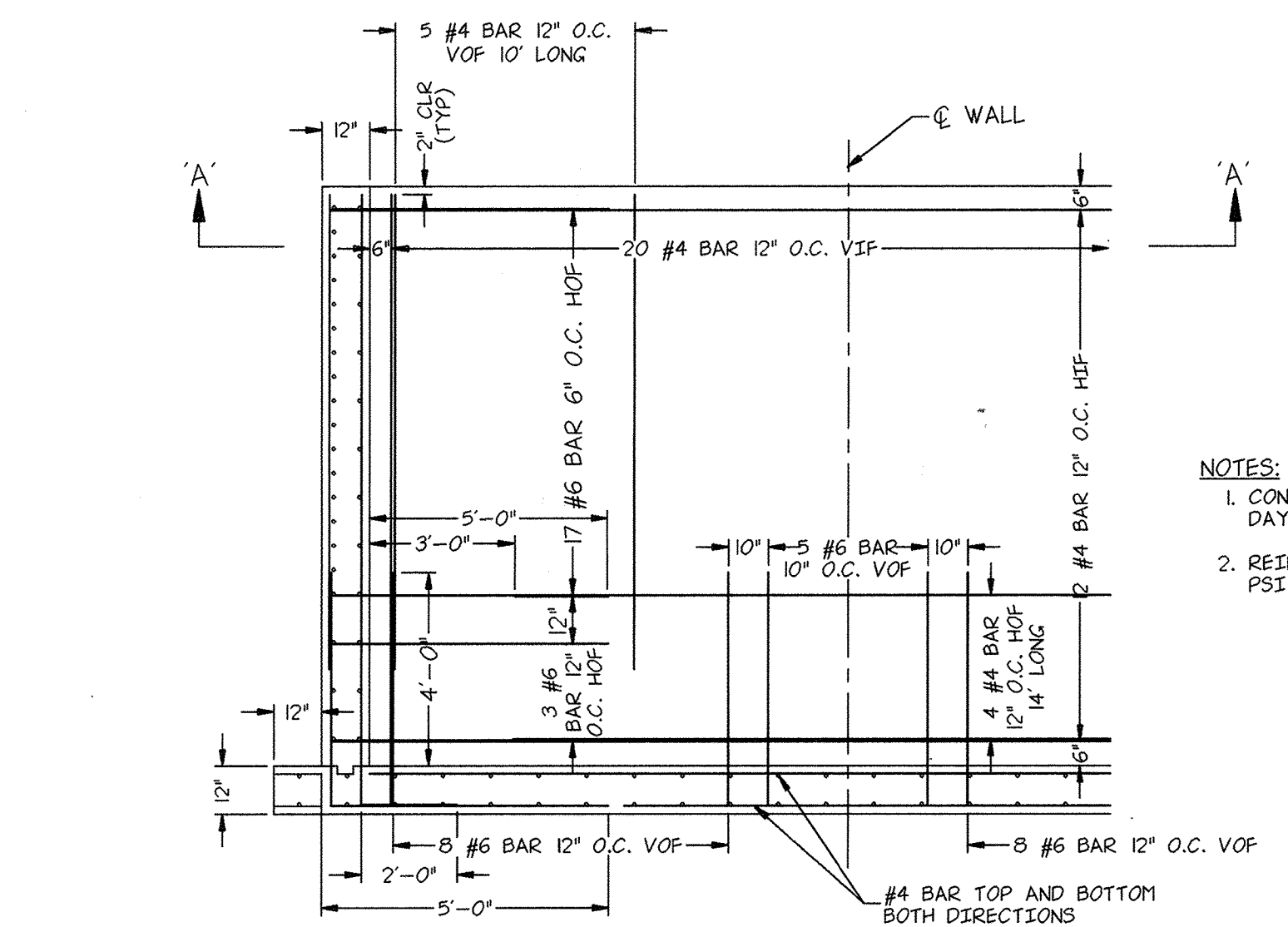
END SECTION TRASH RACK
N.T.S.



SAND FILTER TYPICAL SECTION
N.T.S.

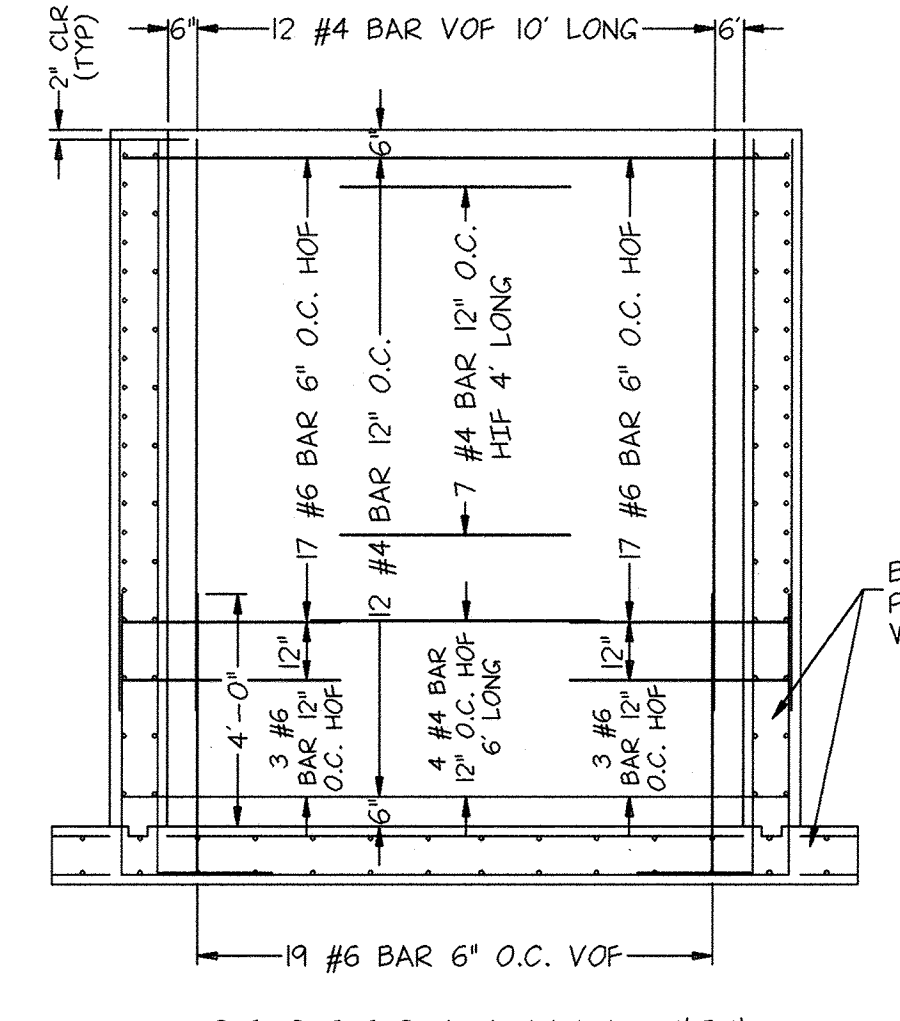


SIDE SECTION TRASH RACK
N.T.S.

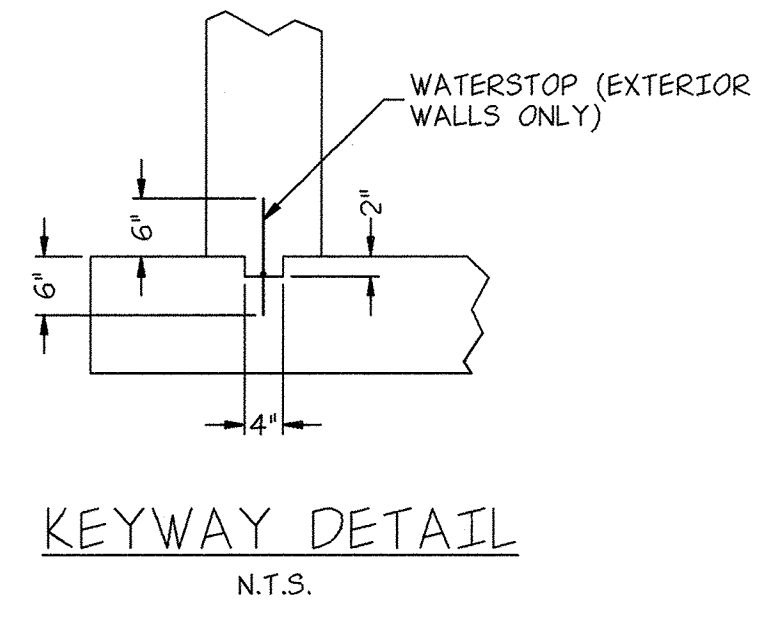


PARTIAL SECTION WALL 'A'
N.T.S.

- NOTES:
1. CONCRETE TO HAVE MINIMUM 28 DAY STRENGTH OF 3,500 PSI.
 2. REINFORCEMENT TO BE 60,000 PSI MINIMUM.



SECTION WALL 'B'
N.T.S.



KEYWAY DETAIL
N.T.S.

DATE: 2/16/92
PROFESSIONAL ENGINEER

STATE OF MARYLAND
PROFESSIONAL ENGINEER
NO. 44289
EXPIRES 12/31/97
FOR REV 6 ONLY

CERTIFICATION BY THE DEVELOPER:
I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND BEFORE BEGINNING THE PROJECT. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.

Signature of Developer: Timothy D. Wagner
Date: 9/16/92

CERTIFICATION BY THE ENGINEER:
"I CERTIFY THAT THIS PLAN FOR PONDS, 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". I HAVE NOTIFIED THE DEVELOPER, THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION.

Signature of Engineer: [Signature]
Date: 9/16/92

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

Signature: [Signature]
Date: [Date]

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

APPROVED: [Signature]
Date: [Date]

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

APPROVED: [Signature]
Date: 3-11-93

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Director: [Signature]
Date: 3/11/92

Chief, Division of Community Planning and Land Development: [Signature]
Date: 3/11/93

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

Director: [Signature]
Date: 3/13/93

Chief, Bureau of Engineering: [Signature]
Date: 9-29-92

NO.	DATE	DESCRIPTION
1	7-6-92	COMPLETE REVISION TO INCLUDE WQ INLET & PARKING SIGN
2	8-12-92	ADD DIMENSIONS TO WQ INLET
6	1-22-93	RETROFIT OF SEPARATOR TO SEPARATOR SAND FILTER

OWNER AND DEVELOPER
NEW PENN MOTOR EXPRESS, INC.
625 SOUTH FIFTH AVENUE
LEBANON, PENNSYLVANIA 17042
(717) 274-2521

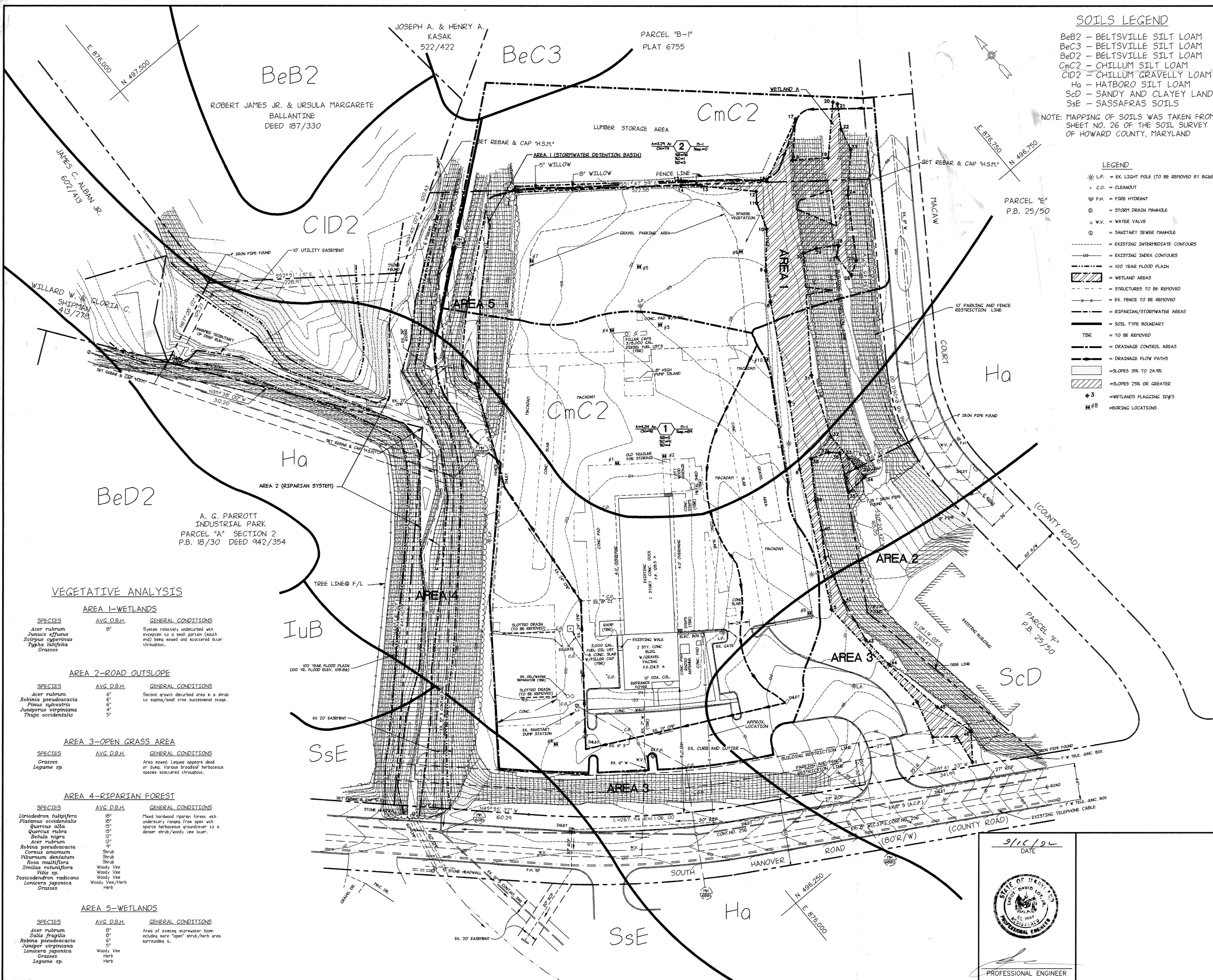
CONSTRUCTION DETAILS
OF
PARCEL "A-1"
RECORDED IN PLAT BOOK 6755
HARWOOD INDUSTRIAL CENTER
FIRST ELECTION DISTRICT-HOWARD COUNTY, MARYLAND

CENSUS TRACT NO. 6012 TAX MAP NO. 38

SCALE: AS NOTED
DATE: 4/15/92
NO. Y920008-02

SKELLY AND LOY Inc.
ENGINEERS-CONSULTANTS
2601 N. FRONT STREET
HARRISBURG, PENNSYLVANIA 17110
(717) 232-0593

DRAWN BY: K.L.S.
CHECKED BY: B.A.S.
DWG. NO. 8 OF 12



SOILS LEGEND
 BeB2 - BELTSVILLE SILT LOAM
 BeC3 - BELTSVILLE SILT LOAM
 BeD2 - BELTSVILLE SILT LOAM
 CmC2 - CHILLUM SILT LOAM
 CID2 - CHILLUM GRAVELLY LOAM
 Ha - HATBORO SILT LOAM
 SsD - SANDY AND CLAYEY LAND
 SsE - SASSAFRAS SOILS

NOTE: MAPPING OF SOILS WAS TAKEN FROM SHEET NO. 26 OF THE SOIL SURVEY OF HOWARD COUNTY, MARYLAND

LEGEND

- * L.P. = EX. LIGHT POLE (TO BE REMOVED BY GC&E)
- + C.O. = CLEANOUT
- ⊗ F.H. = FIRE HYDRANT
- ⊙ = STORM DRAIN MANHOLE
- W.V. = WATER VALVE
- ⊙ = SANITARY SEWER MANHOLE
- = EXISTING INTERMEDIATE CONTOURS
- = EXISTING INDEX CONTOURS
- = 100 YEAR FLOOD PLAIN
- ▨ = WETLAND AREAS
- = STRUCTURES TO BE REMOVED
- = EX. FENCE TO BE REMOVED
- = RIPARIAN/STORMWATER AREAS
- = SOIL TYPE BOUNDARY
- TBR = TO BE REMOVED
- = DRAINAGE CONTROL AREAS
- = DRAINAGE FLOW PATHS
- ▨ = SLOPES 25% TO 24.8%
- ▨ = SLOPES 25% OR GREATER
- ▨ = WETLANDS FLAGGING ID#S
- ⊕ = BORING LOCATIONS

CERTIFICATION BY THE DEVELOPER:
 I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND BEFORE BEGINNING THE PROJECT. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.

Samuel Hoffman Property Director 9/15/92
 Signature of Developer Date

CERTIFICATION BY THE ENGINEER:
 I CERTIFY THAT THIS PLAN FOR PONDS, 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. I HAVE NOTIFIED THE DEVELOPER THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION.

John B. ... 9/16/92
 Signature of Engineer Date

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

Signature _____ Date _____
 U.S. Soil Conservation Service

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

APPROVED: _____ Date _____
 Howard S.C.D.

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

John B. ... 3-10-93
 County Health Officer Date

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Frank V. ... 3/1/93
 Director Date

Thomas J. ... 3/11/93
 Chief, Division of Community Planning and Land Development Date

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

James J. ... 3/3/93
 Director Date

William E. ... 9-29-92
 Chief, Bureau of Engineering Date

NO.	DATE	DESCRIPTION
1	5/21/92	REV. WETLAND BOUNDARY AS PER MD, DNR
2	7/2/92	REV. TREE LINE, ADD GATE DIMENSION

OWNER AND DEVELOPER
NEW PENN MOTOR EXPRESS, INC.
 625 SOUTH FIFTH AVENUE
 LEBANON, PENNSYLVANIA 17042
 (717) 274-2521

EXISTING CONDITIONS, DRAINAGE AREAS, AND ENVIRONMENTAL ANALYSIS PLAN
 OF
 PARCEL "A-1"
 RECORDED IN PLAT BOOK 6755
HARWOOD INDUSTRIAL CENTER
 FIRST ELECTION DISTRICT-HOWARD COUNTY, MARYLAND
 CENSUS TRACT NO. 6012 TAX MAP NO.38

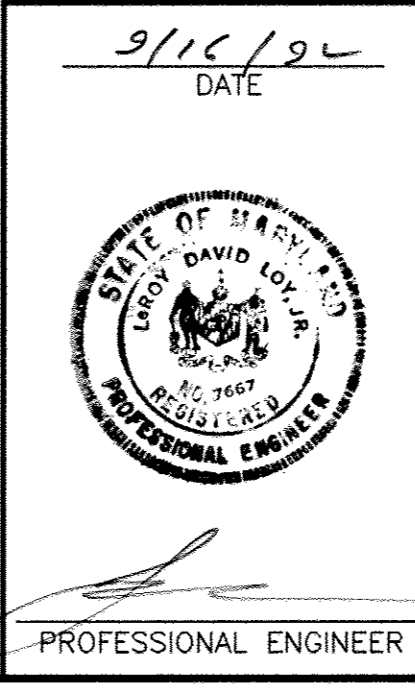
SCALE: 1" = 50'
 DATE: 4/15/92
 NO. Y920008-02

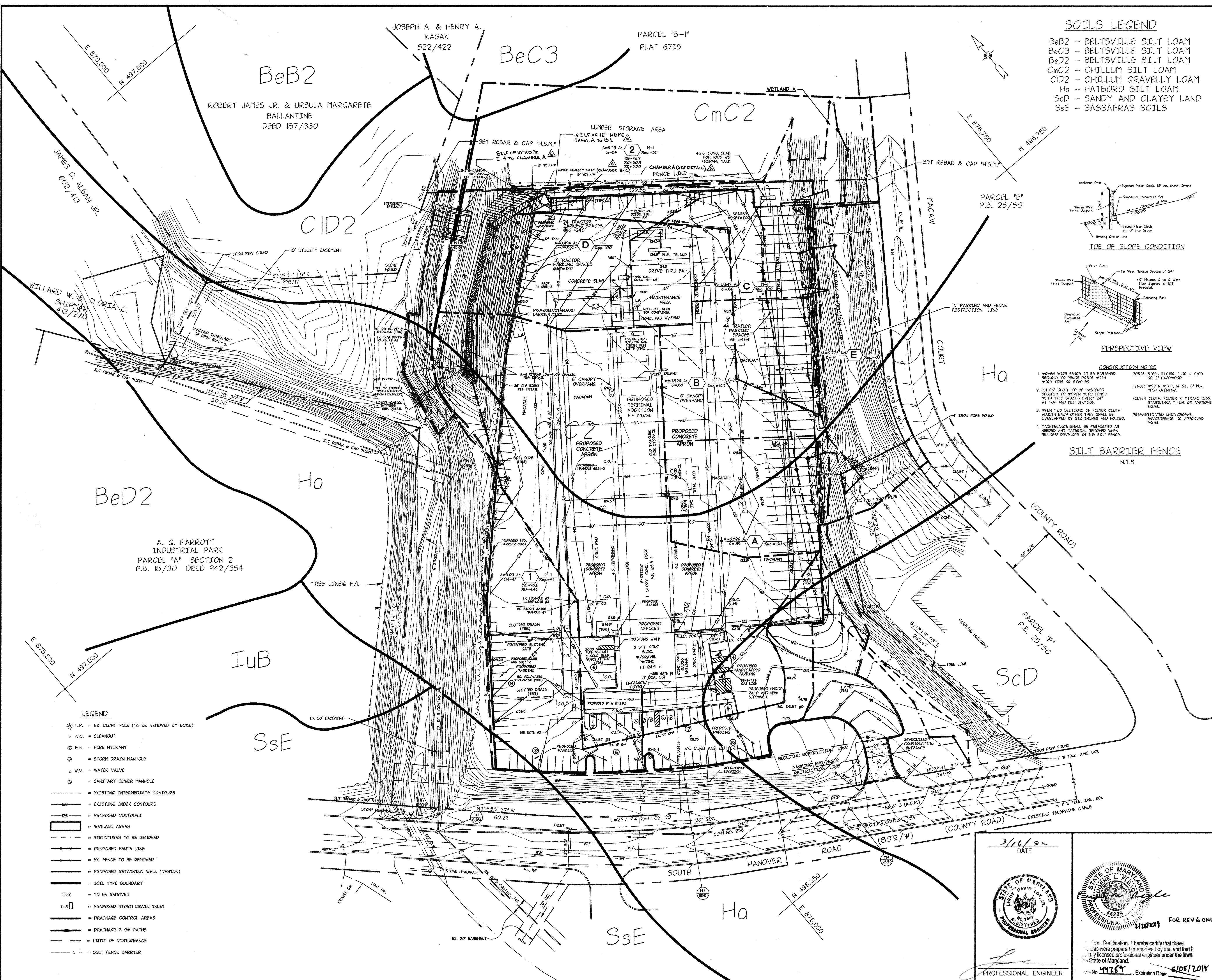
SKELLY AND LOY Inc.
 ENGINEERS-CONSULTANTS
 2601 N. FRONT STREET
 HARRISBURG, PENNSYLVANIA 17110
 (717) 232-0593

DRAWN BY: K.L.S.
 CHECKED BY: B.A.S.
 DWG. NO. 9 of 12

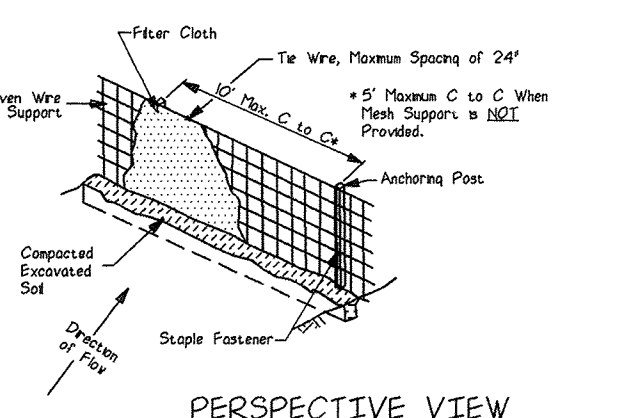
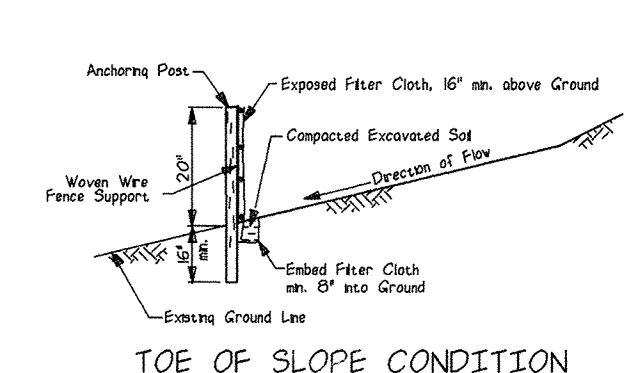
VEGETATIVE ANALYSIS

- AREA 1-WETLANDS**
- | SPECIES | AVG. D.B.H. | GENERAL CONDITIONS |
|---------------------------|-------------|---|
| <i>Acer rubrum</i> | 8" | System relatively undisturbed with exception to a small portion (south end) being mowed and scattered later throughout. |
| <i>Juncus effusus</i> | 8" | |
| <i>Scirpus cespitosus</i> | 8" | |
| <i>Typha latifolia</i> | 8" | |
- AREA 2-ROAD OUTSLOPE**
- | SPECIES | AVG. D.B.H. | GENERAL CONDITIONS |
|-----------------------------|-------------|---|
| <i>Acer rubrum</i> | 6" | Second growth disturbed area in a shrub to sapling/small tree successional stage. |
| <i>Robinia pseudoacacia</i> | 6" | |
| <i>Pinus strobus</i> | 4" | |
| <i>Thuja occidentalis</i> | 5" | |
- AREA 3-OPEN GRASS AREA**
- | SPECIES | AVG. D.B.H. | GENERAL CONDITIONS |
|------------|-------------|--|
| Grasses | | Area mowed. Legume appears dead or dying. Various broadleaf herbaceous species scattered throughout. |
| Legume sp. | | |
- AREA 4-RIPARIAN FOREST**
- | SPECIES | AVG. D.B.H. | GENERAL CONDITIONS |
|--------------------------------|-----------------|---|
| <i>Liriodendron tulipifera</i> | 18" | Mixed hardwood riparian forest with understory ranging from open with sparse herbaceous groundcover to a denser shrub/woody vine layer. |
| <i>Platanus occidentalis</i> | 18" | |
| <i>Quercus alba</i> | 15" | |
| <i>Quercus rubra</i> | 15" | |
| <i>Betula nigra</i> | 12" | |
| <i>Acer rubrum</i> | 12" | |
| <i>Robinia pseudoacacia</i> | 9" | |
| <i>Cornus amomum</i> | Shrub | |
| <i>Viburnum dentatum</i> | Shrub | |
| <i>Rosa multiflora</i> | Shrub | |
| <i>Smitax retusiflora</i> | Woody Vine | |
| <i>Vitis sp.</i> | Woody Vine | |
| <i>Toxicodendron radicans</i> | Woody Vine/Herb | |
| <i>Lonicera japonica</i> | Herb | |
| Grasses | | |
- AREA 5-WETLANDS**
- | SPECIES | AVG. D.B.H. | GENERAL CONDITIONS |
|-----------------------------|-------------|---|
| <i>Acer rubrum</i> | 8" | Area of existing stormwater basin including more "open" shrub/herb area surrounding it. |
| <i>Salix fragilis</i> | 8" | |
| <i>Robinia pseudoacacia</i> | 6" | |
| <i>Juncus effusus</i> | 6" | |
| <i>Scirpus cespitosus</i> | 6" | |
| <i>Typha latifolia</i> | 6" | |
| Grasses | | |
| Herb | | |
| Woody Vine | | |





SOILS LEGEND
 BeB2 - BELTSVILLE SILT LOAM
 BeC3 - BELTSVILLE SILT LOAM
 BeD2 - BELTSVILLE SILT LOAM
 CmC2 - CHILLUM SILT LOAM
 CID2 - CHILLUM GRAVELLY LOAM
 Ha - HATBORO SILT LOAM
 ScD - SANDY AND CLAYEY LAND
 SsE - SASSAFRAS SOILS



- CONSTRUCTION NOTES**
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
 2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
 4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL PROVIDED WHEN NECESSARY DEVELOPER IN THE SILT FENCE.

SILT BARRIER FENCE
N.T.S.

CERTIFICATION BY THE DEVELOPER:
 I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND BEFORE BEGINNING THE PROJECT. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.

Smooth D. Hoffman **Project Director** 9/15/92
 Signature of Developer Date

CERTIFICATION BY THE ENGINEER:
 I CERTIFY THAT THIS PLAN FOR PONDS, 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. I HAVE NOTIFIED THE DEVELOPER, THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION.

[Signature] 9/15/92
 Signature of Engineer Date

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

Signature _____ Date _____
 U.S. Soil Conservation Service

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

Signature _____ Date _____
 Howard S.C.D.

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

[Signature] 3-10-93
 County Health Officer Date

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature] 2/11/93
 Director Date

[Signature] 2/11/93
 Chief, Division of Community Planning and Land Development Date

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

[Signature] 3/3/93
 Director Date

[Signature] 9-29-92
 Chief, Bureau of Engineering Date

NO.	DATE	DESCRIPTION
1	5/21/92	REV WETLAND BOUNDARY AS PER MD. DNR
2	7/2/92	REV TREE LINE
3	9-8-92	ADD SILT FENCE AND STABILIZED CONSTRUCTION ENT.
6	1-22-93	RETROFIT OF SEPARATOR TO SEPARATOR SAND FILTER

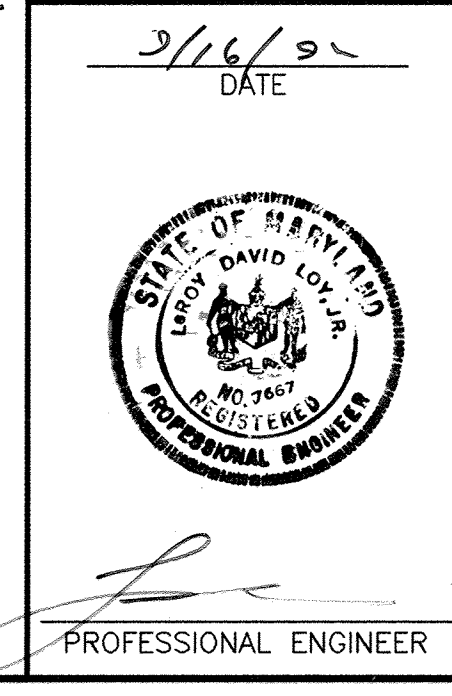
OWNER AND DEVELOPER
NEW PENN MOTOR EXPRESS, INC.
 625 SOUTH FIFTH AVENUE
 LEBANON, PENNSYLVANIA 17042
 (717) 274-2521

SEDIMENT CONTROL AND DRAINAGE AREA MAP
 OF
 PARCEL "A-1"
 RECORDED IN PLAT BOOK 6755
HARWOOD INDUSTRIAL CENTER
 FIRST ELECTION DISTRICT-HOWARD COUNTY, MARYLAND
 CENSUS TRACT NO. 6012 TAX MAP NO. 38

SCALE: 1" = 50'
 DATE: 4/15/92
 NO. Y920008-02

SKELLY and LOY Inc.
 ENGINEERS-CONSULTANTS
 2601 N. FRONT STREET
 HARRISBURG, PENNSYLVANIA 17110
 (717) 232-0593

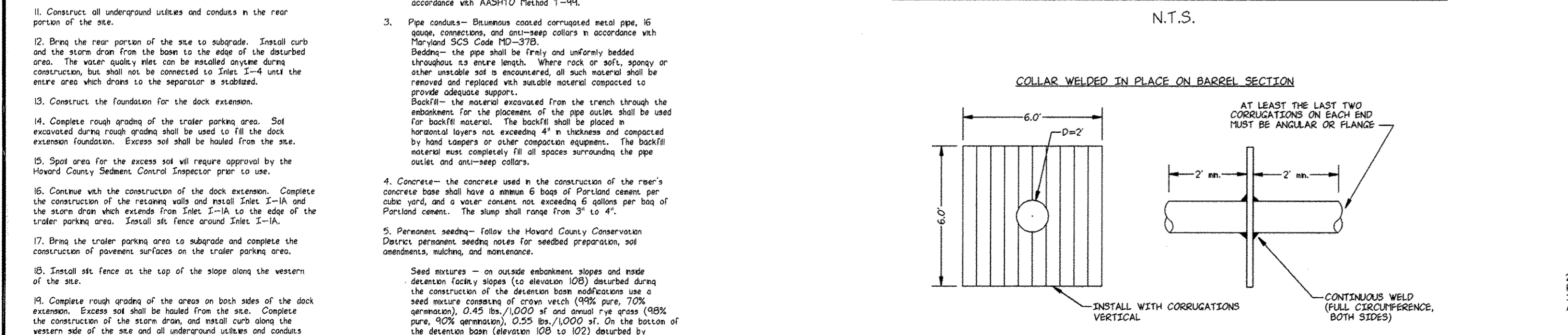
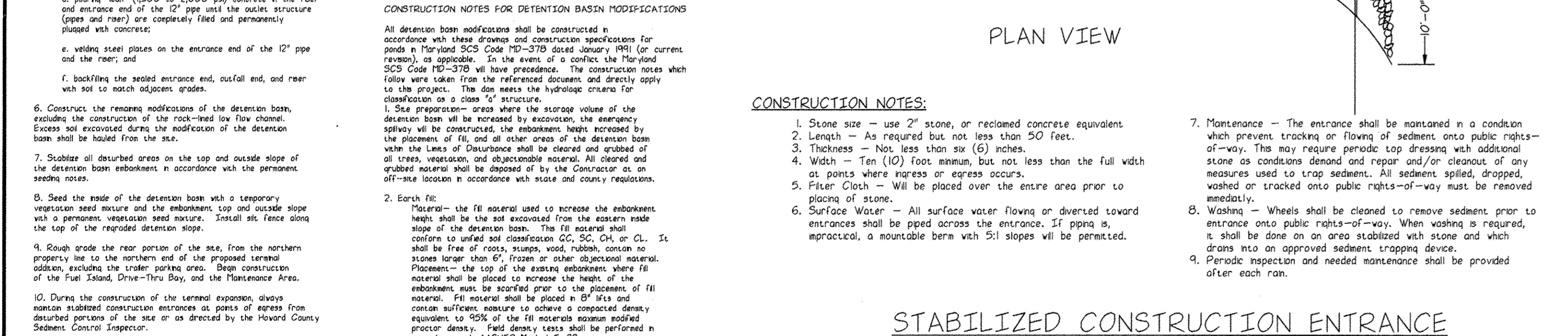
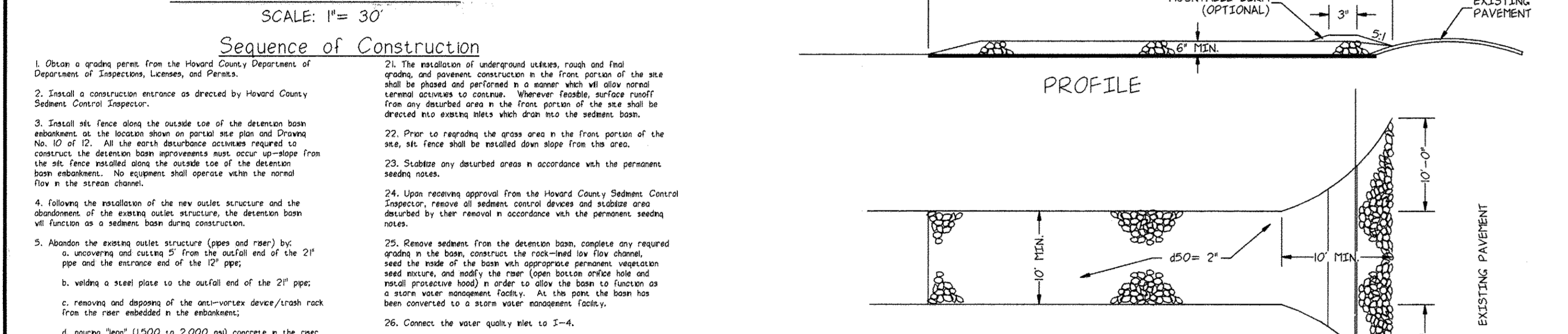
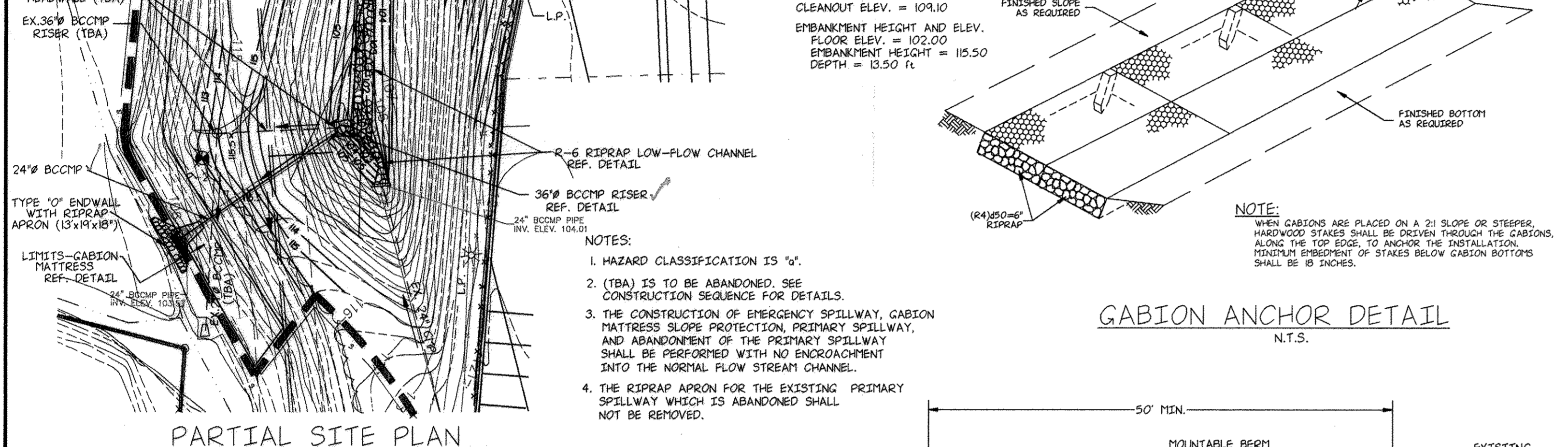
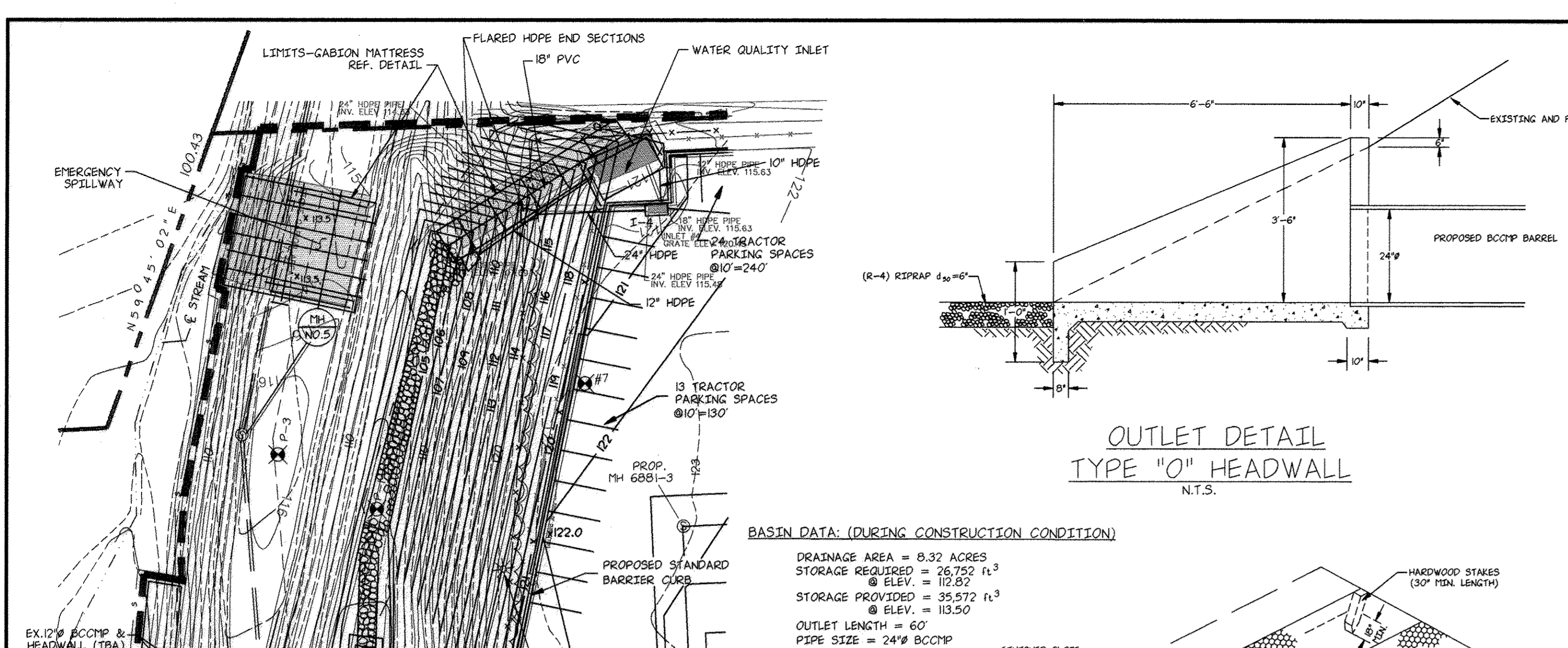
DRAWN BY: K.L.S.
 CHECKED BY: B.A.S.
 DWG. NO. 10 OF 12



3/16/93
 DATE

Professional Engineer

- LEGEND**
- * L.P. = EX. LIGHT POLE (TO BE REMOVED BY BCGE)
 - C.O. = CLEANOUT
 - F.H. = FIRE HYDRANT
 - ⊙ = STORM DRAIN MANHOLE
 - W.V. = WATER VALVE
 - ⊙ = SANITARY SEWER MANHOLE
 - - - = EXISTING INTERMEDIATE CONTOURS
 - - - = EXISTING INDEX CONTOURS
 - - - = PROPOSED CONTOURS
 - ▭ = WETLAND AREAS
 - - - = STRUCTURES TO BE REMOVED
 - - - = PROPOSED FENCE LINE
 - - - = EX. FENCE TO BE REMOVED
 - - - = PROPOSED RETAINING WALL (GABION)
 - - - = SOIL TYPE BOUNDARY
 - TBR = TO BE REMOVED
 - 1-3 = PROPOSED STORM DRAIN INLET
 - - - = DRAINAGE CONTROL AREAS
 - - - = DRAINAGE FLOW PATHS
 - - - = LIMIT OF DISTURBANCE
 - - - = SILT FENCE BARRIER



HOWARD SOIL CONSERVATION DISTRICT STANDARD SEDIMENT CONTROL NOTES

- A minimum of 48 hours notice must be given to the Howard County Department of Inspections, Licenses and Permits, Sediment Control Division prior to the start of any construction, 301-BB0-3450.
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in accordance with the most current "MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENTATION CONTROL", and revisions thereto.
- Following metal soil disturbance or redistribution, permanent or temporary stabilization shall be completed within: a) seven (7) calendar days for all permanent sediment control structures, dikes, perimeter slopes, and all slopes greater than 3:1; b) 14 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 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENTATION CONTROL for permanent seeding (Sec. 51), sod (Sec. 54), temporary seeding (Sec. 50), and mulch (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding doses do not allow for proper germination and establishment of grasses.
- Site Analysis:
Total Area of Site: 10.5 Acres
Area Disturbed: 6.47 Acres
Area to be Roofed or Paved: 5.61 Acres
Area to be Vegetatively Stabilized: 0.87 Acres
Total Cut: 4850 Cu. Yds.
Total Fill: 1575 Cu. Yds.
Off-Site Waste Area Location Selected by Contractor and Preapproved by Howard County Sediment Control Inspector.
- Any sediment control practice which 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 two acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any 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 are limited to three pipe lengths or that which can be backfilled and stabilized within one working day, whichever is shorter.

CERTIFICATION BY THE DEVELOPER:

I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND BEFORE BEGINNING THE PROJECT. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.

Signature of Developer *9/15/92* Date

CERTIFICATION BY THE ENGINEER:

"I CERTIFY THAT THIS PLAN FOR PONDS, 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." I HAVE NOTIFIED THE DEVELOPER, THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION.

Signature of Engineer *9/16/92* Date

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

Signature of U.S. Soil Conservation Service *9/21/92* Date

U.S. Soil Conservation Service

APPROVED: *Robert W. Zich* *9/21/92* Date
Howard S.C.D.

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

Signature of County Health Officer *3-10-93* Date
County Health Officer

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Signature of Director *9/16/92* Date
Director

Signature of Chief *3/11/93* Date
Chief, Division of Community Planning and Land Development

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

Signature of Director *3/3/93* Date
Director

Signature of Chief *9-29-92* Date
Chief, Bureau of Engineering

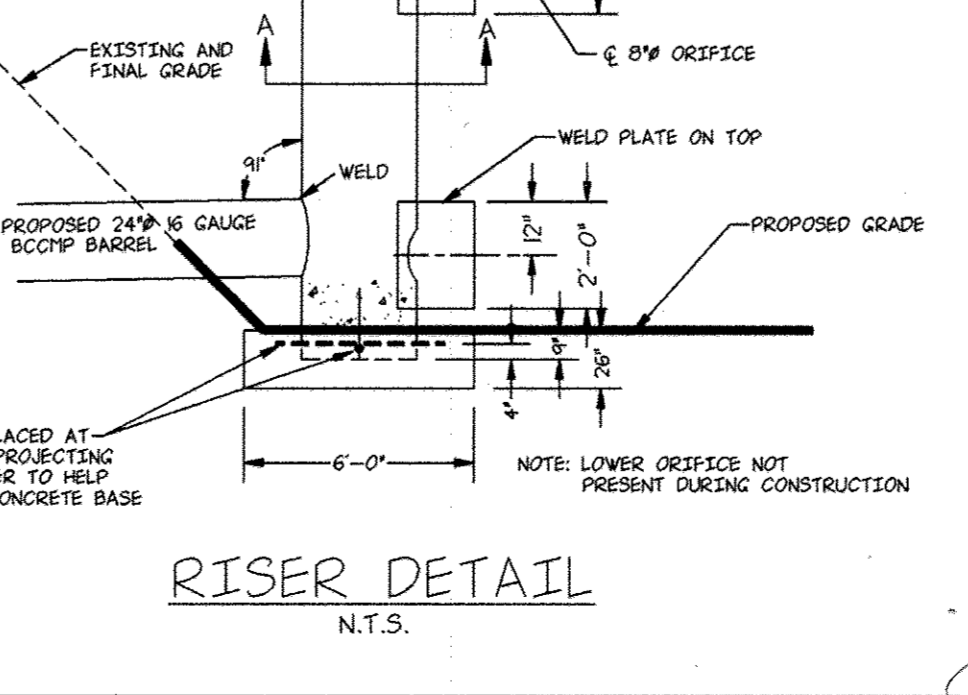
NO.	DATE	DESCRIPTION
1	7/2/92	GEN. REV. TO OVERALL SHEET AND NOTE ADDITIONS.
2	8/12/92	GEN. REV. TO OVERALL SHEET AND NOTE ADDITIONS.
3	8/25/92	ADD NOTES TO PARTIAL SITE PLAN
4	9/8/92	ADD BASIN DATA AND REVISE GABION ANCHOR DET.
5	7/2/93	As-Built Conditions on partial site plan shown in Red

OWNER AND DEVELOPER

NEW PENN MOTOR EXPRESS, INC.
625 SOUTH FIFTH AVENUE
LEBANON, PENNSYLVANIA 17042
(717) 274-2521

STORMWATER AND SEDIMENT CONTROL NOTES AND DETAILS OF PARCEL "A-1" RECORDED IN PLAT BOOK 6755 HARWOOD INDUSTRIAL CENTER FIRST ELECTION DISTRICT—HOWARD COUNTY, MARYLAND CENSUS TRACT NO. 6012 TAX MAP NO.38

SCALE: AS NOTED DATE: 4/15/92 NO. Y920008-02 SKELLY AND LOY Inc. ENGINEERS—CONSULTANTS 2601 N. FRONT STREET HARRISBURG, PENNSYLVANIA 17110 (717) 232-0593 DRAWN BY: K.L.S. CHECKED BY: B.A.S. DWG. NO. 11 of 12



TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.

Seeded Preparation: Loosen upper three inches of soil by raking, diking, or other acceptable means before seeding, if not previously loosened.

Soil Amendments: In lieu of soil test recommendations, use one of the following schedules:

- Preferred — Apply two tons per acre dolomite limestone (92 lbs./1,000 sq. ft.) and 600 lbs. per acre 10-10-10 fertilizer (14 lbs./1,000 sq. ft.) before seeding. Harrow or disk into upper three inches of soil. As low as possible apply 400 lbs. per acre 30-0-0 urethane fertilizer (9 lbs./1,000 sq. ft.).
- Acceptable — Apply two tons per acre dolomite limestone (92 lbs./1,000 sq. ft.) and 1,000 lbs. per acre 10-10-10 fertilizer (23 lbs./1,000 sq. ft.) before seeding. Harrow or disk into upper three inches of soil.

Seeding: For the periods March 1 through April 30 and August 1 through October 31, seed with 60 lbs. per acre (1.4 lbs./1,000 sq. ft.) of Kentucky 31 Tall Fescue. For the period May 1 through July 31, seed with 60 lbs. per acre (1.4 lbs./1,000 sq. ft.) of Kentucky 31 Tall Fescue per acre and two lbs. per acre (0.05 lbs./1,000 sq. ft.) of weeping lovegrass. During the period of October 16 through February 28, protect site by: Option 1 — two tons per acre of well-anchored straw mulch and seed as soon as possible in the Spring; Option 2 — use sod; Option 3 — seed with 60 lbs./acre Kentucky 31 Tall Fescue and mulch with two tons/acre well-anchored straw.

Mulching: Apply 1-1/2 to 2 tons per acre (70 to 90 lbs./1,000 sq. ft.) of untreated weed free straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 2 1/2 gallons per acre (5 gal./1,000 sq. ft.) of emulsified asphalt on flat areas. On slopes eight feet or higher, use 348 gallons per acre (8 gal./1,000 sq. ft.) for anchoring.

Maintenance: Inspect all seeding areas and make needed repairs, replacements, or reseedings.

AS BUILT CERTIFICATION

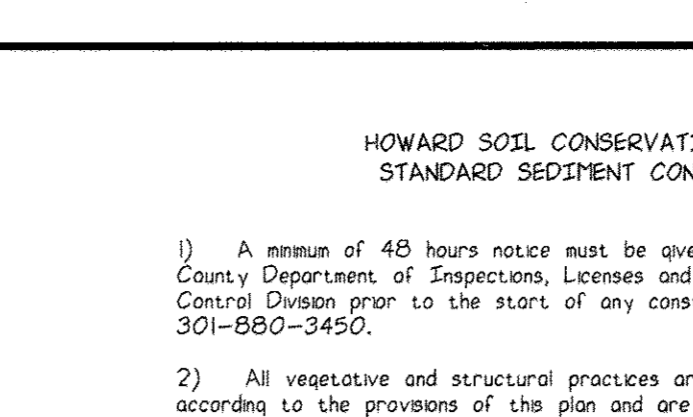
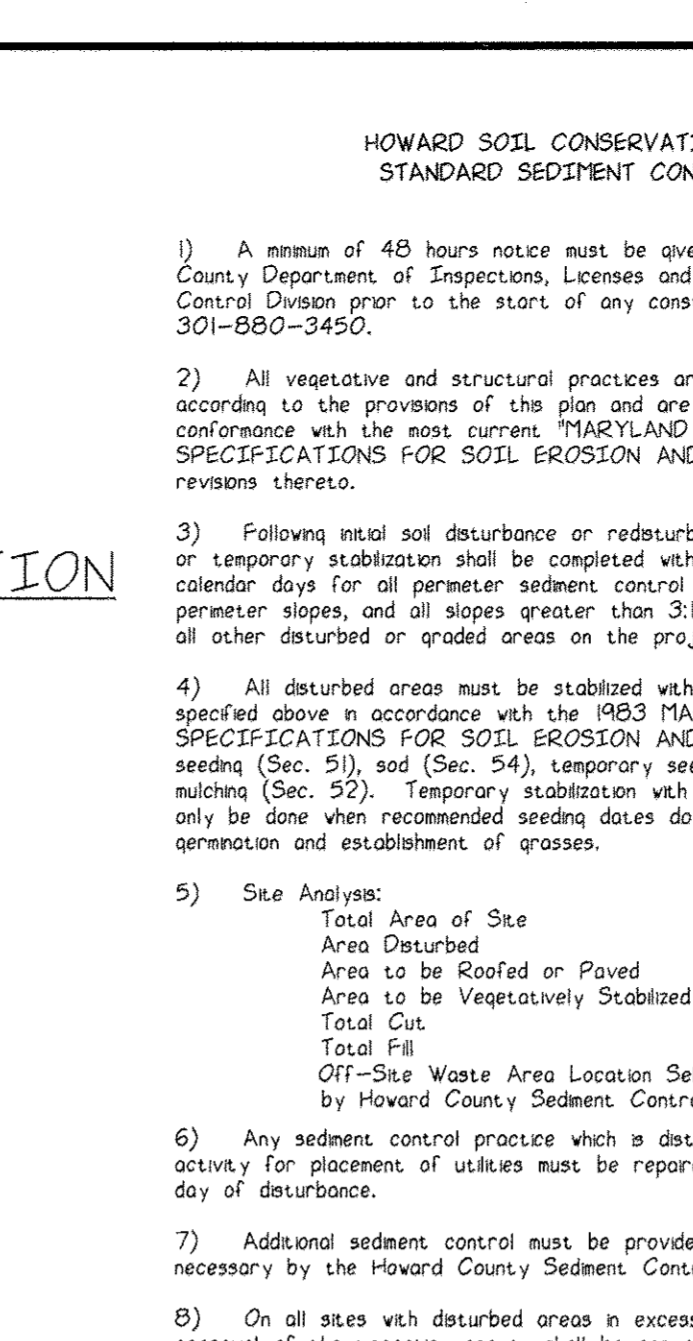
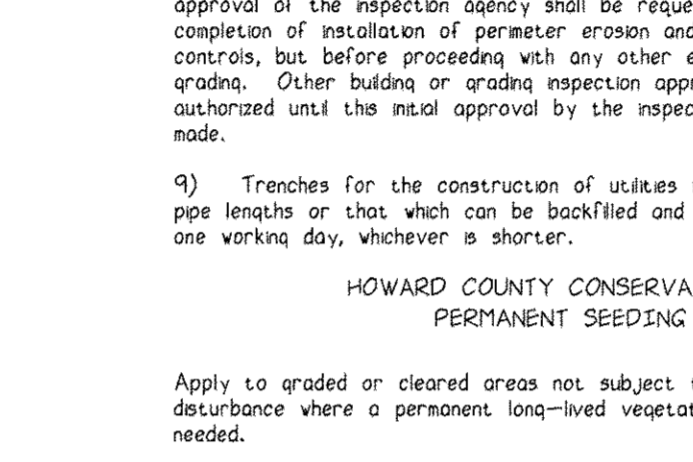
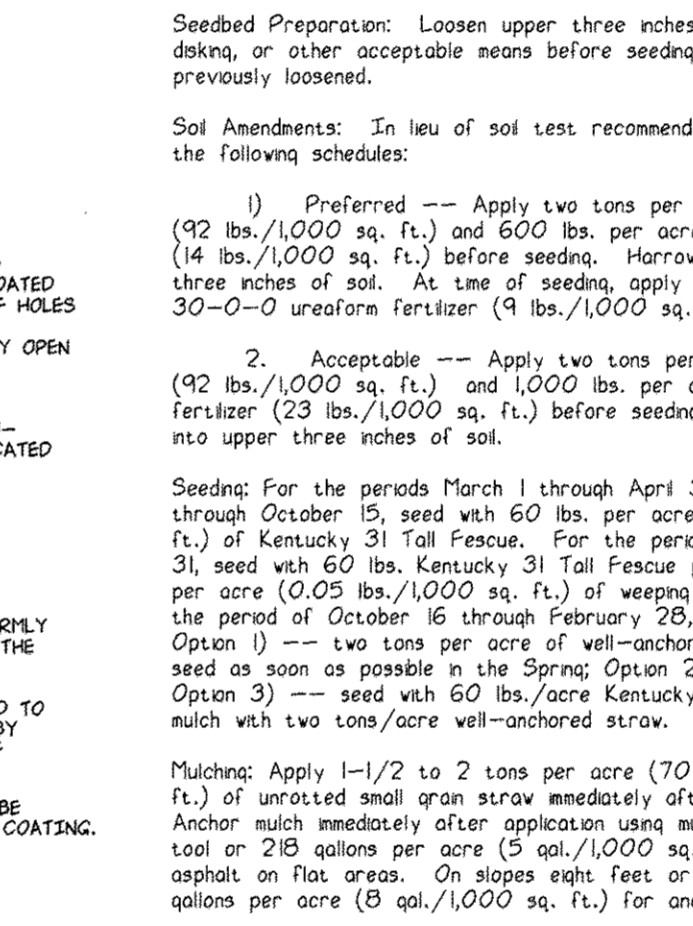
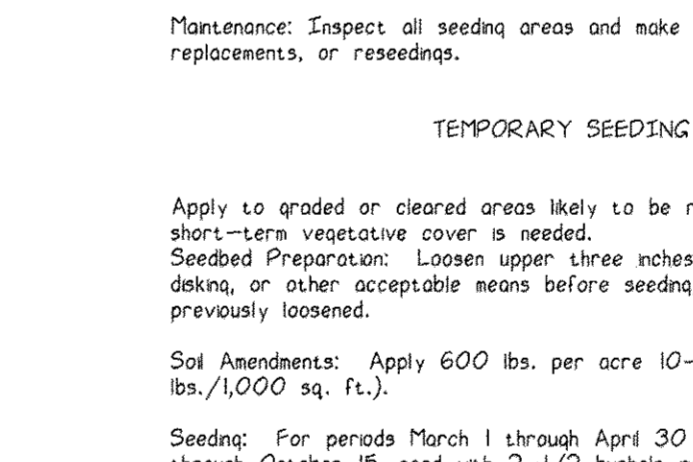
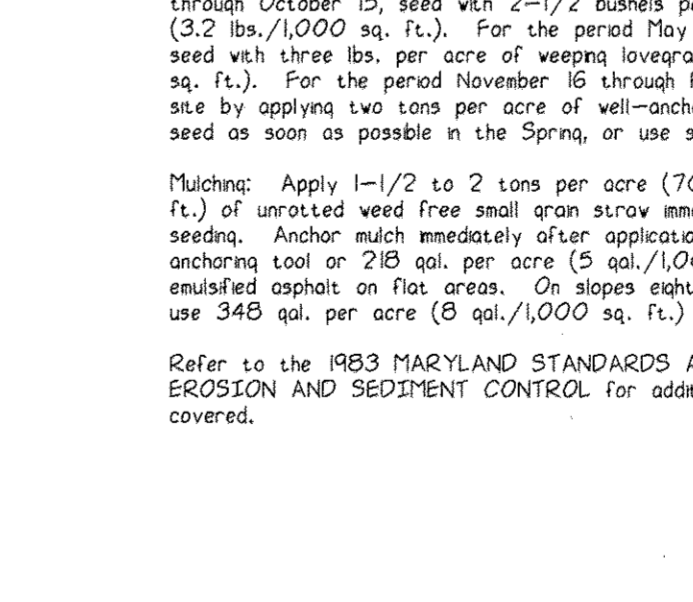
I HEREBY CERTIFY THAT THE FACILITY SHOWN IN THIS PLAN WAS CONSTRUCTED AS SHOWN ON THE "AS BUILT" PLANS AND MEETS THE APPROVED PLANS AND SPECIFICATIONS.

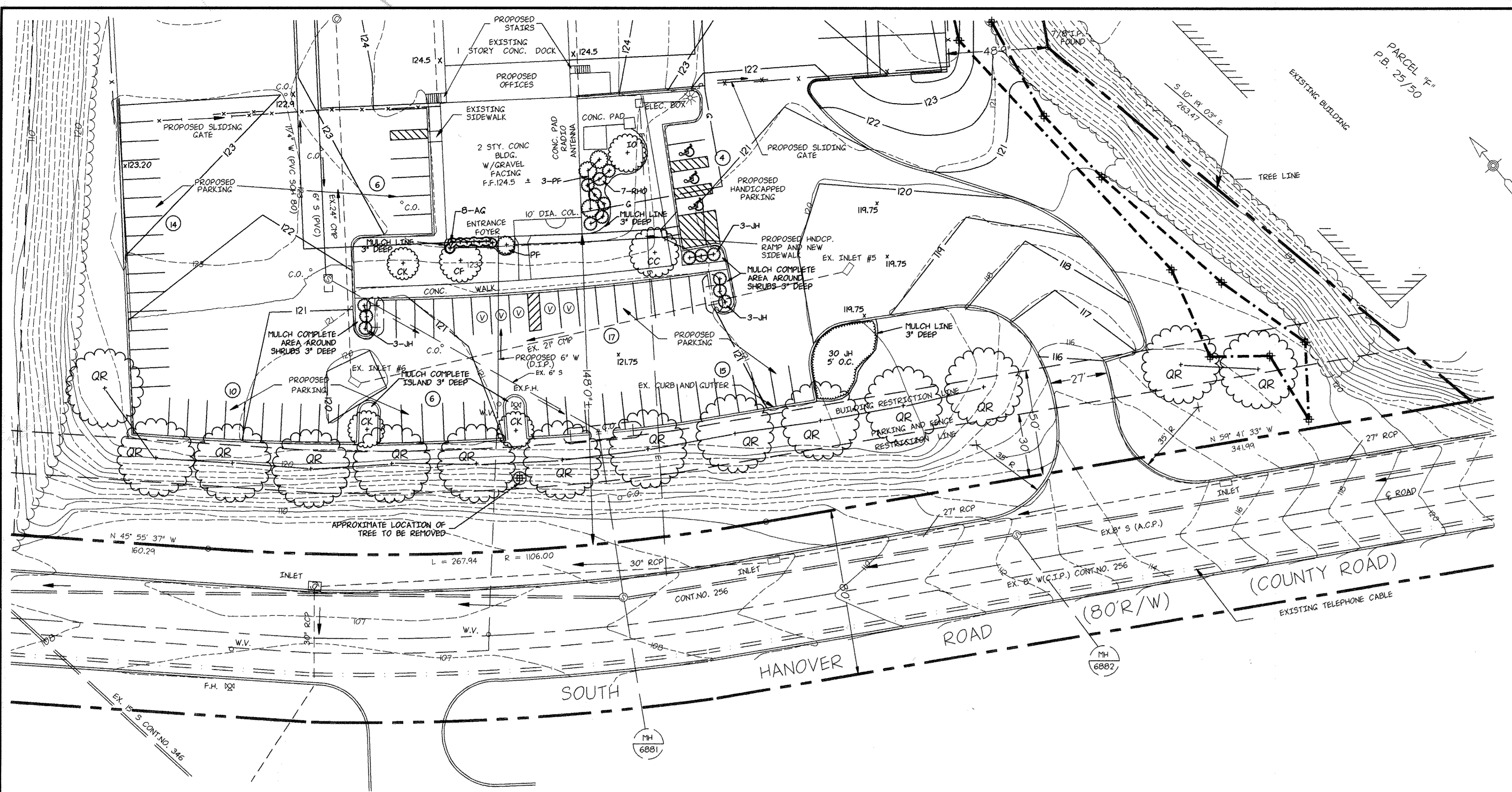
Signature of Professional Engineer *July 2, 1993* DATE

PROFESSIONAL ENGINEER

CONSTRUCTION NOTES:

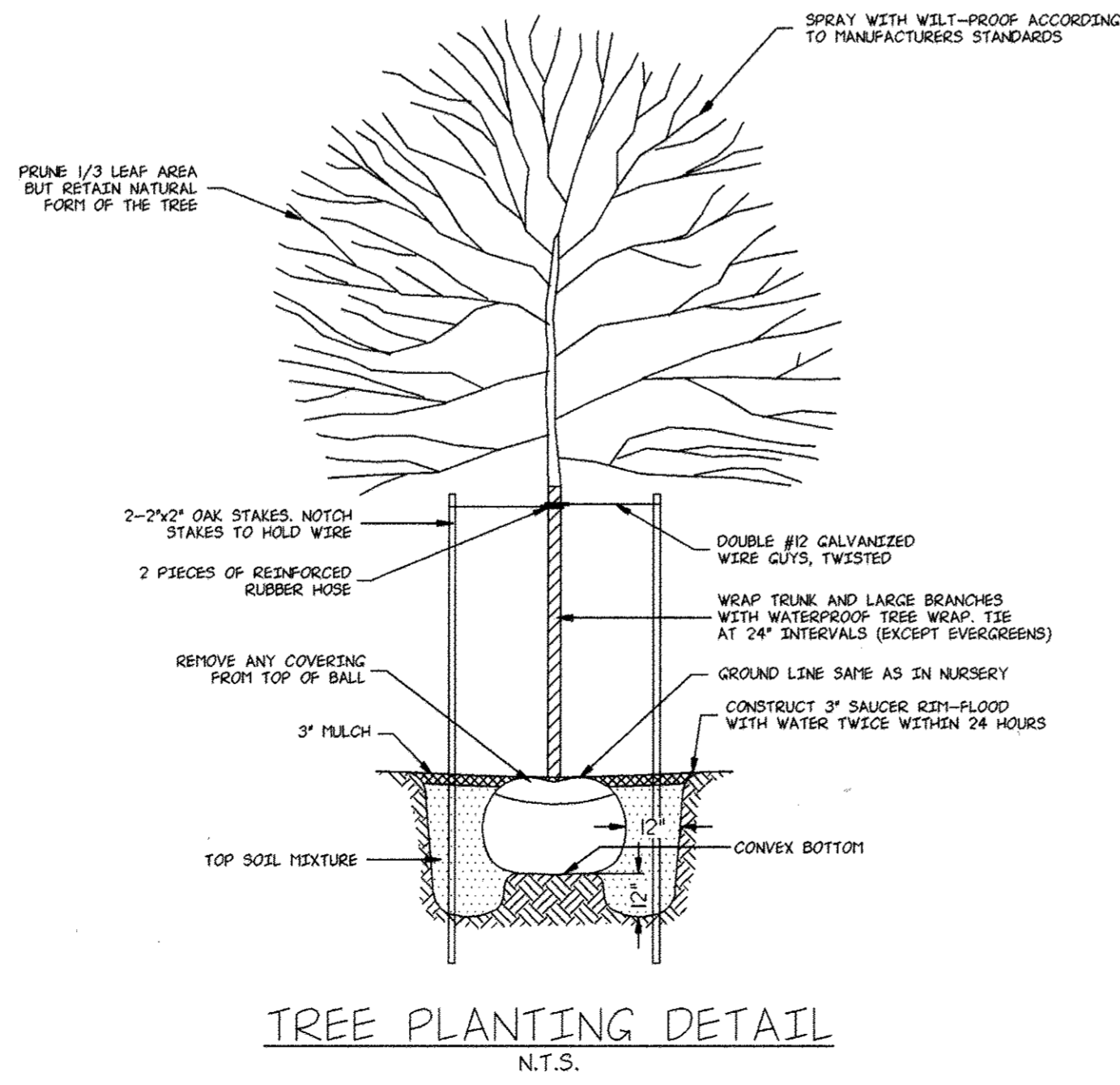
- Stone size — use 2" stone, or reclaimed concrete equivalent.
- Length — As required but not less than 50 feet.
- Thickness — Not less than six (6) inches.
- Width — Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
- Filter Cloth — Will be placed over the entire area prior to placing of stone.
- Surface Water — All surface water flowing or diverted toward entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted.
- Maintenance — The entrance shall be maintained in a condition which prevents tracking or flaring of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanup of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
- Washing — Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
- Periodic inspection and needed maintenance shall be provided after each run.



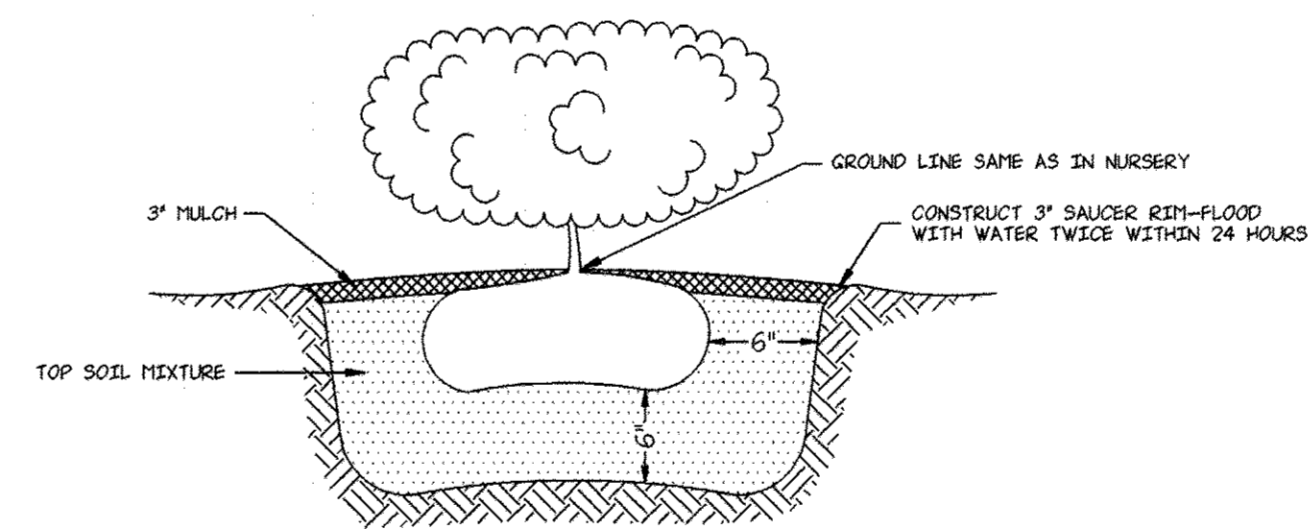


PLANT LIST

QUANTITY	CODE	SCIENTIFIC NAME	COMMON NAME	SIZE	REMARKS
8	AG	<i>Abelia grandiflora</i> 'Sherwood'	Glossy Abelia	2-3' ht.	3 gal. Container 5' o.c.
1	CC	<i>Cercis canadensis</i>	Eastern Redbud	6-8' ht.	B&B
1	CF	<i>Cornus florida</i> var. <i>rubra</i>	Floerqing Dogwood	7-8' ht.	B&B
3	CK	<i>Cornus kousa</i>	Kousa Dogwood	6-8' ht.	B&B
1	IO	<i>Ilex opaca</i>	American Holly	6-7' ht.	B&B
39	JH	<i>Juniperus horizontalis</i> 'Douglas'	Waukegan Creeping Juniper	18-24" spread	3 gal. Container 5' o.c.
4	PF	<i>Pieris floribunda</i>	Mountain Andromeda	15-18" spread	3 gal. Container
14	QR	<i>Quercus rubra</i>	Red Oak	2-2 1/2" cal. 12-14" ht.	B&B Full Crown 40' o.c.
7	RHO	<i>Rhododendron obtusum</i> 'Amoenum'	Azalea	2-3' ht.	3 gal. Container 5' o.c.



TREE PLANTING DETAIL
N.T.S.



SHRUB PLANTING DETAIL
N.T.S.

01/16/92
DATE

PROFESSIONAL ENGINEER

CERTIFICATION BY THE DEVELOPER:
I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND BEFORE BEGINNING THE PROJECT. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.

Simeth D. Hoyle - Property Director 9/15/92
Signature of Developer Date

CERTIFICATION BY THE ENGINEER:
"I CERTIFY THAT THIS PLAN FOR PONDS, 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". I HAVE NOTIFIED THE DEVELOPER, THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION.

David L. Kelly 9/16/92
Signature of Engineer Date

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

Signature _____ Date _____
U.S. Soil Conservation Service

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

APPROVED: _____ Date _____
Howard S.C.D.

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

John Boyer 3-10-93
County Health Officer Date

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Marsha S. Wright 3/11/93
Director Date

Alma J. Klonath 3/11/93
Chief, Division of Community Planning and Land Development Date

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

James M. Lane 3/3/93
Director Date

Ch. William P. Reine 9-22-92
Chief, Bureau of Engineering Date

NO.	DATE	DESCRIPTION
1	7/2/92	DELETE EX. INFO. & REV. TREE LINE

OWNER AND DEVELOPER
NEW PENN MOTOR EXPRESS, INC.
625 SOUTH FIFTH AVENUE
LEBANON, PENNSYLVANIA 17042
(717) 274-2521

LANDSCAPING PLAN
OF
PARCEL "A-1"
RECORDED IN PLAT BOOK 6755
HARWOOD INDUSTRIAL CENTER
FIRST ELECTION DISTRICT-HOWARD COUNTY, MARYLAND
CENSUS TRACT NO. 6012 TAX MAP NO.38

SCALE: 1" = 30'
DATE: 4/15/92
NO. Y920008-02

SKELLY AND LOY Inc.
ENGINEERS-CONSULTANTS
2601 N. FRONT STREET
HARRISBURG, PENNSYLVANIA 17110
(717) 232-0593

DRAWN BY: K.L.S.
CHECKED BY: B.A.S.
DWG. NO. 12 of 12