

GENERAL NOTES

1. Construction shall be in accordance with the latest standards and specifications of Howard Co.
2. The Contractor shall notify the Dept. of Public Works, Bureau of Construction at 401-192-1272 at least five (5) working days prior to the start of work.
3. The Contractor shall notify the Dept. of Public Works at least 48 hours prior to any excavation work.
4. Project Background:
Location: 2350 Marriottsville Road
Zoning: RC
Site Area: 0.455 AC
UPZ Reference: SDD-94-15
Dr or Reference: SDD-93-05, SDD-90-07
5. Traffic control devices, markings and signs shall be in accordance with the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD). A street and regulatory signs shall be placed on or to the placement of any signs.
6. All construction shall be to the face of curb unless otherwise noted.
7. Topographic and other data taken from Ordnance Maps prepared by Photo Science, Inc. and a 2" x 2" res-gation by TCS Engr. Co. on 08-09.
8. Type of stormwater management control: Existing infiltration Basin.
9. The location and elevation of existing utilities shown hereon is based on the best information available. The Contractor shall verify all locations and elevations to his own satisfaction prior to starting work.
10. CONTRACTOR SHALL OBTAIN A COUNTY PERMIT FOR ALL ELECTRICAL WORK. ALL WORK SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE (NEC), HOWARD CO. BUILDING CODE TO BE STORED IN STORAGE BLDG.

HAZARDOUS WASTE

- Includes: Chlorine, DDT, Malathion, Sevin, Avon, etc.
- Herbicides:
Other Pesticides (used for control of rodents, birds, snails, etc.)
Fertilizers with Herbicides
Paint Thinners and Solvents
Swimming Pool Chemicals
Unwanted Fuels (Gasoline, Kerosene)
Used Motor Oil
Photographic Chemicals
Brake Fluid and Antifreeze
Car Batteries
Oil-Based Paints
Button Batteries (used in watches, hearing aids, calculators)
Household Alkaline Batteries (used in toys, flashlights)



VICINITY MAP
SCALE: 1"=200'

BM. Δ HOWARD COUNTY SURVEY MONUMENT S. 3. D. P. 11
N 335 702 8379
E 827 256 4426
ELEV. 52.58

SITE ANALYSIS

1. AREA OF SUBMITTAL: 0.455 AC
2. PRESENT ZONING: RC
3. PROPOSED USE: 10,654-SQ-FT HAZARDOUS WASTE DROPOFF/RECYCLING CENTER
4. FLOOR SPACE: PAVILION: 10'x20'x320 SQ FT STORAGE BLDG: 12'x15'x1200 SQ FT. PAVED AREAS: 0.928 AC
5. PARKING PROVIDED: 15 SPACES FOR DROPOFF OF HOUSEHOLD HAZARDOUS WASTE MATERIALS
6. DISTURBED AREA: 0.455 AC
7. HYDROLOGIC SOIL TYPE: B
8. TOTAL NO. OF UNITS ALLOWED: N/A
9. TOTAL NO. OF UNITS PROVIDED: N/A
10. APARTMENT AND SFA UNITS ALLOWED: N/A
11. MAX. NO. OF EMPLOYEES ON SITE: N/A
12. OPEN SPACE TO REMAIN: 0.573 AC
13. BUILDING COVERAGE: 610 SF = 0.014 AC = 3% OF SUBMITTAL
14. ADD 20'x32' SHELTER (640 SF) TO BE PLACED UPON EXIST'G PAVED AREA

SHEET INDEX	
SHEET NO.	TITLE
1	SITE PLAN
2	SEDIMENT CONTROL PLAN
3	SITE DETAILS
3A	SHELTER DETAILS

PERMIT INFORMATION BLOCK

2350 MARIOTTSVILLE ROAD			
SUBDIVISION NAME Alpha Ridge Solid Waste Management Center	SECT. AREA/LOT/PARCEL 302		
LIBER/FOLIO/BLOCK 858-330 9+10	ZONE RC	TAX/ZONE MAP/ELEC. DIST. 16 3	CENSUS TR. 6030
WATER CODE Private, Existing	SEWER CODE Private, Existing		
OWNER/DEVELOPER Howard County Government			
ADDRESS 3430 Court House Drive, Ellipton City, MD 21033			

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING
Janet Smith 10/12/93
 PLANNING DIRECTOR DATE
Gina Swannery 10/5/93
 CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE
 APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.
 HOWARD COUNTY HEALTH DEPARTMENT
William Boyd III 9-29-93
 COUNTY HEALTH DEPT. CHIEF DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
D.C. Worfield, Inc. 10/1/93
 SOIL CONSERVATION SERVICE DATE

This Construction Plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District
 APPROVED: *John P. Kelly* 10/1/93
 HOWARD CO. D. DATE

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 DIRECTOR OF PUBLIC WORKS DATE
John C. ... 9/21/93
 CHIEF, BUREAU OF ENVIRONMENTAL SERVICES DATE

HICKS ENGINEERING CO., INC.
 ENGINEERS SURVEYORS PLANNERS
 200 E. JOPPA ROAD SUITE 404
 TOWSON, MARYLAND 21286



DES: E.A.S	
DRN: F.W	
CHK: D.E.H.	
DATE: 10-1-93	
BY: SA	ENGINEER'S SEAL FOR REDLINE 10-1-93
NO: SA	ADD 20'x32' SHELTER 10-9-93
REVISION	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 Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District."
 Signature of Developer Date

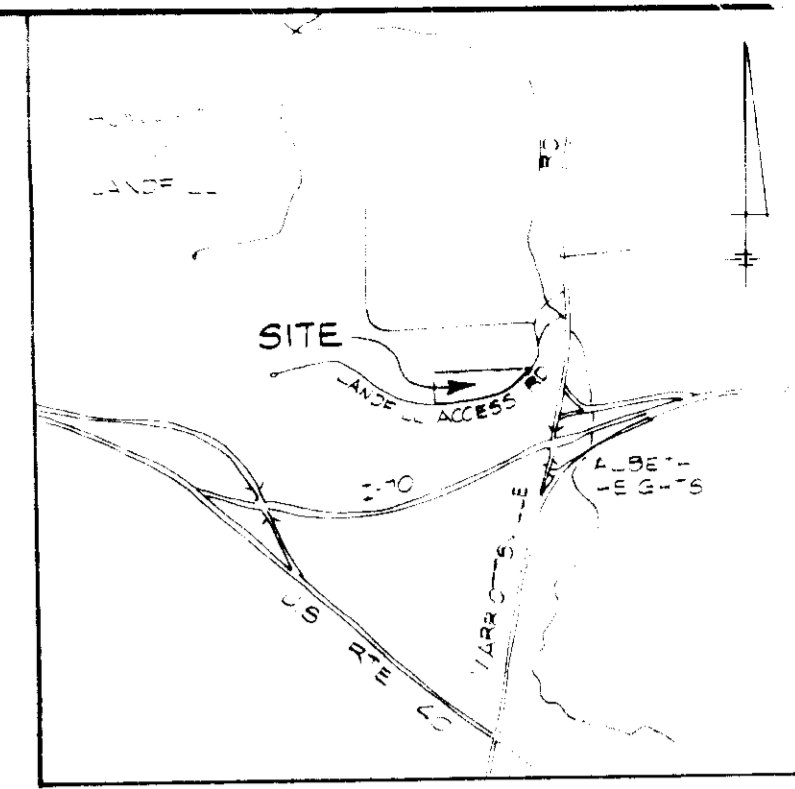
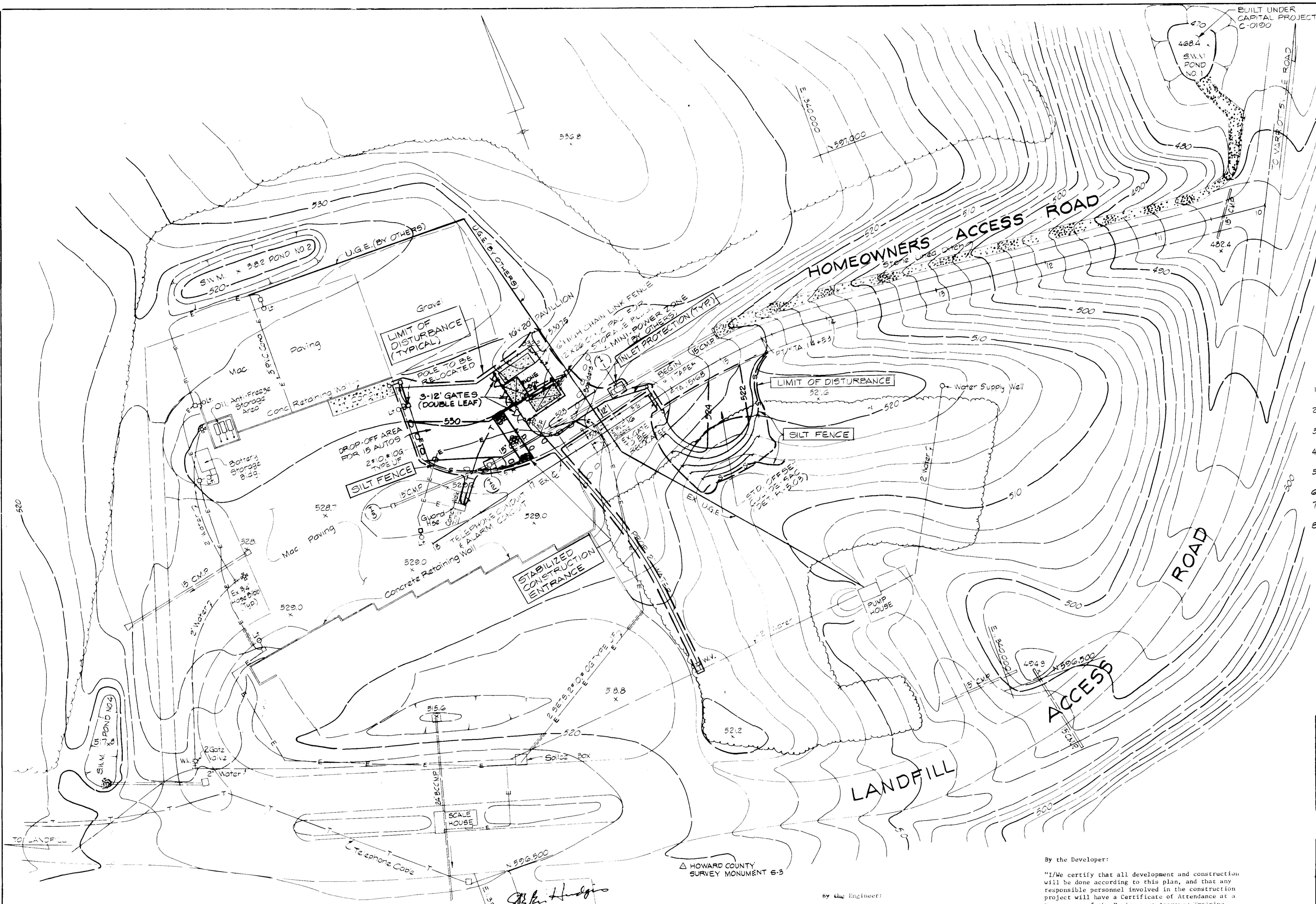
By the Engineer:
 "I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."
 Signature of Engineer Date

SITE DEVELOPMENT PLAN

ALPHA RIDGE SOLID WASTE MANAGEMENT CENTER
 HOUSEHOLD HAZARDOUS WASTE SITE

CAPITAL PROJECT NO. C-0190-J
 HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
 SHEET 1 OF 3



VICINITY MAP
SCALE 1"=2000'

△ HOWARD COUNTY SURVEY MONUMENT 6-3 (PIPE)
N 535.702 8370
E 827.256 4425
ELEV. 52.58

SEQUENCE OF OPERATIONS

1. NOTIFY HOWARD COUNTY DEPARTMENT OF LICENSES & PERMITS 48 HOURS PRIOR TO COMMENSING WORK.
2. CLEAR & GRUB AS REQUIRED FOR INSTALLATION OF SEDIMENT CONTROL MEASURES ONLY.
3. INSTALL SILT FENCE, STABILIZED CONSTRUCTION ENTRANCE AND STONE OUTLET STRUCTURE.
4. ROUGH GRADE WORK AREA. INSTALL BASE COURSE FOR PAVED AREAS.
5. CONSTRUCT PAVILION, STORAGE BUILDING, AND INSTALL 2" INCH WATER SERVICE, ELECTRIC AND TELEPHONE.
6. INSTALL PAVING AND FINE GRADE.
7. STABILIZE DISTURBED AREAS WITH PERMANENT SEEDING.
8. UPON PERMISSION FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL DEVICES AND STABILIZE.

SUBDIVISION NAME Alpha Ridge Solid Waste Management Center		SECT./AREA/LOT/PARCEL 302
LIBER/FOLIO/BLOCK 856-330		ZONE/TAX ZONE/MAP/ELEC. DIST./CENSUS TR. R 18 3 6030
WATER CODE Private, Existing	SEWER CODE Private, Existing	
OWNER/DEVELOPER Howard County Government		
ADDRESS 3430 Court House Drive, Ellicott City, MD 21043		

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING		DATE 10/12/93
PLANNING DIRECTOR <i>Gina J. Jaraman</i>		DATE 10/5/93
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH		DATE 9-29-93
APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, MARYLAND COUNTY HEALTH DEPARTMENT		DATE
<i>James P. Wes</i>		DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
J. Co. Landfield 10/16/93
U.S. SOIL CONSERVATION SERVICE DATE

This Construction Plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.
APPROVED: *Mark J. Kelly* 10/16/93
HOWARD S.C.D. DATE

PLAN
SCALE: 1"=40'

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."
James B. Weeks, P.E. 7/29/93
Signature of 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 Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District."
Jim C. ... 10/21/93
Signature of Developer Date

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

James P. Wes 10/12/93
DIRECTOR OF PUBLIC WORKS DATE

Paul J. ... 10/21/93
CHIEF, BUREAU OF ENGINEERING DATE

John J. O'Hara 10/16/93
CHIEF, BUREAU OF ENVIRONMENTAL SERVICES DATE

HICKS ENGINEERING CO., INC.
ENGINEERS - SURVEYORS - PLANNERS
200 E. JOPPA ROAD - SUITE 402
TOWSON, MARYLAND 21286



DES: E.A.S.	
DRN: F.W.	
CHK: D.E.H.	
DATE: 7-1-93	
BY: SH	NO. 10897
ENGINEER'S SEAL FOR REDLINE	
REVISION	DATE

SEDIMENT CONTROL PLAN

600 SCALE MAP NO. _____ BLOCK NO. _____

ALPHA RIDGE SOLID WASTE MANAGEMENT CENTER
HOUSEHOLD HAZARDOUS WASTE SITE

CAPITAL PROJECT NO. C-0190-J
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
SHEET 2 OF 3

REDLINE #1

SEEDING CONTROL NOTES

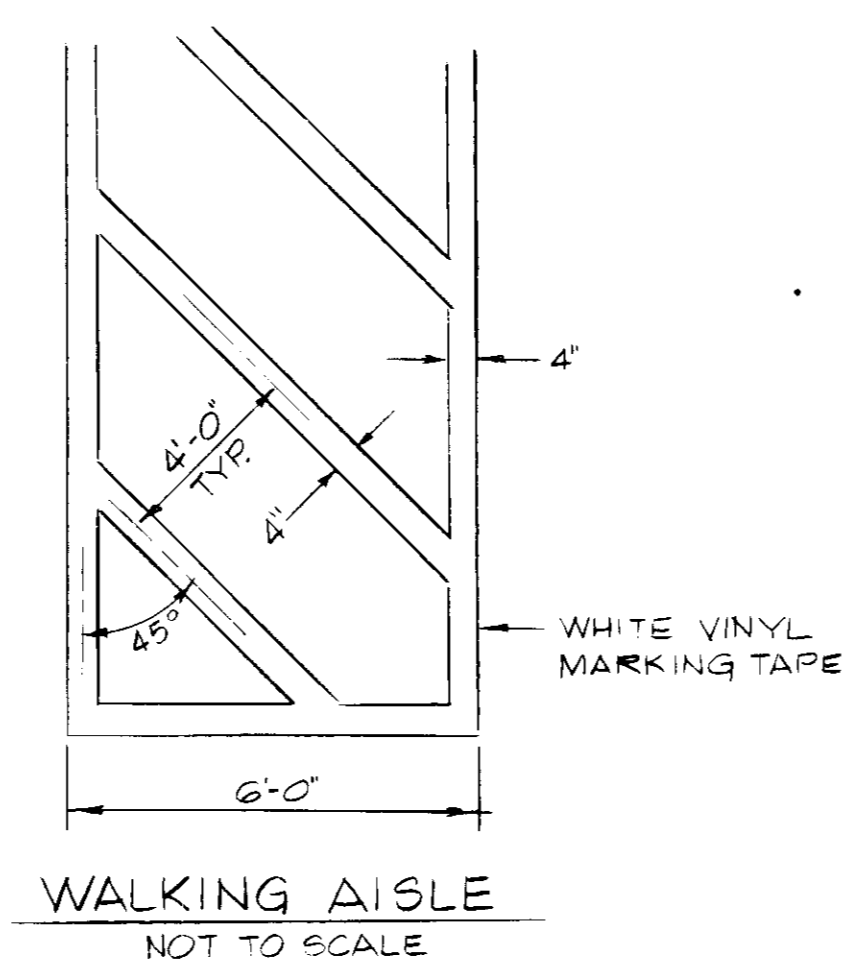
- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Planning prior to the start of any construction.
- All seeding and structural practices are to be installed according to the practices of this plan and are to be in compliance with the 1987 Maryland Standards and Specifications for Soil Erosion and Sediment Control.
- Following final site disturbance or construction, permanent or temporary stabilization shall be completed within a calendar year from the date of final site disturbance. Temporary seeding, mulching, or other stabilization practices shall be completed within 30 days of final site disturbance. Permanent seeding, mulching, or other stabilization practices shall be completed within 90 days of final site disturbance.
- Seeding shall be completed within 30 days of final site disturbance. Permanent seeding, mulching, or other stabilization practices shall be completed within 90 days of final site disturbance.
- Seeding shall be completed within 30 days of final site disturbance. Permanent seeding, mulching, or other stabilization practices shall be completed within 90 days of final site disturbance.
- Seeding shall be completed within 30 days of final site disturbance. Permanent seeding, mulching, or other stabilization practices shall be completed within 90 days of final site disturbance.
- Seeding shall be completed within 30 days of final site disturbance. Permanent seeding, mulching, or other stabilization practices shall be completed within 90 days of final site disturbance.
- Seeding shall be completed within 30 days of final site disturbance. Permanent seeding, mulching, or other stabilization practices shall be completed within 90 days of final site disturbance.
- Seeding shall be completed within 30 days of final site disturbance. Permanent seeding, mulching, or other stabilization practices shall be completed within 90 days of final site disturbance.
- Seeding shall be completed within 30 days of final site disturbance. Permanent seeding, mulching, or other stabilization practices shall be completed within 90 days of final site disturbance.

PERSONAL PROTECTIVE EQUIPMENT

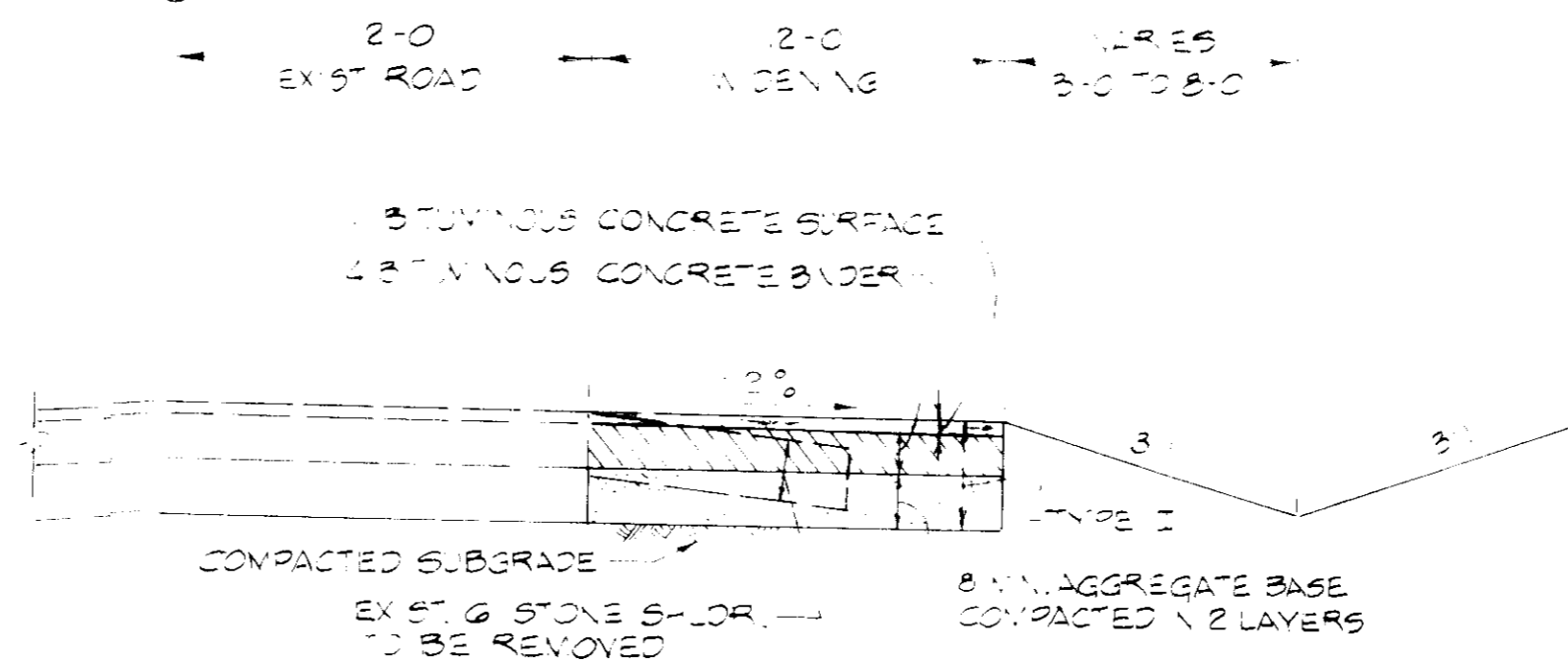
- APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHICH IS PROMPTLY REVEALED RELATIVE TO THE SEEDING.
- SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
- SOIL IMPROVEMENT: TO ENHANCE SOIL FERTILIZATION, USE ONE OF THE FOLLOWING METHODS:
- PREFERRED - APPLY 2 TONS PER ACRE AGROMINIC LIMESTONE (90 LB/5000 SQ FT) AND 400 LBS PER ACRE 10-10-10 FERTILIZER (10 LB/5000 SQ FT) AT TIME OF SEEDING. APPLY 400 LBS PER ACRE 10-10-10 FERTILIZER (10 LB/5000 SQ FT) 30 DAYS AFTER SEEDING.
 - ACCEPTABLE - APPLY 2 TONS PER ACRE AGROMINIC LIMESTONE (90 LB/5000 SQ FT) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (10 LB/5000 SQ FT) BEFORE SEEDING.
- SEEDING: FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 31, SEED WITH 25 LBS PER ACRE (1.4 LB/5000 SQ FT) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIODS FROM NOVEMBER 1 THRU FEBRUARY 28, SEED WITH 30 LBS PER ACRE (1.7 LB/5000 SQ FT) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIODS FROM MARCH 1 THRU APRIL 30, AND FROM AUGUST 1 THRU OCTOBER 31, SEED WITH 25 LBS PER ACRE (1.4 LB/5000 SQ FT) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIODS FROM NOVEMBER 1 THRU FEBRUARY 28, SEED WITH 30 LBS PER ACRE (1.7 LB/5000 SQ FT) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIODS FROM MARCH 1 THRU APRIL 30, AND FROM AUGUST 1 THRU OCTOBER 31, SEED WITH 25 LBS PER ACRE (1.4 LB/5000 SQ FT) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIODS FROM NOVEMBER 1 THRU FEBRUARY 28, SEED WITH 30 LBS PER ACRE (1.7 LB/5000 SQ FT) OF KENTUCKY 31 TALL FESCUE.
- MULCHING: APPLY 1.5 TO 2 TONS PER ACRE (70 TO 90 LB/5000 SQ FT) OF UNDIRTIED SMALL DRAIN STRAW IMMEDIATELY AFTER SEEDING. ANNUAL MULCH IMMEDIATELY AFTER SEEDING FOR PERIODS MARCH 1 THRU APRIL 30, AND FROM AUGUST 1 THRU OCTOBER 31. SEED WITH 25 LBS PER ACRE (1.4 LB/5000 SQ FT) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIODS FROM NOVEMBER 1 THRU FEBRUARY 28, SEED WITH 30 LBS PER ACRE (1.7 LB/5000 SQ FT) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIODS FROM MARCH 1 THRU APRIL 30, AND FROM AUGUST 1 THRU OCTOBER 31, SEED WITH 25 LBS PER ACRE (1.4 LB/5000 SQ FT) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIODS FROM NOVEMBER 1 THRU FEBRUARY 28, SEED WITH 30 LBS PER ACRE (1.7 LB/5000 SQ FT) OF KENTUCKY 31 TALL FESCUE.
- MAINTENANCE: INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDING.

TEMPORARY SEEDING NOTES

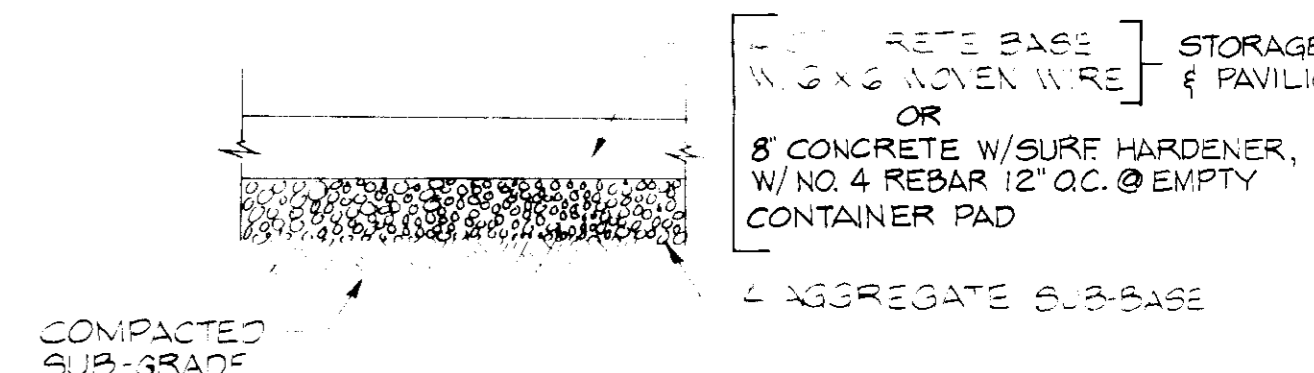
- APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE RE-TOURNELED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.
- SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
- SOIL IMPROVEMENT: FOR PERIODS MARCH 1 THRU APRIL 30, AND FROM AUGUST 1 THRU OCTOBER 31, SEED WITH 25 LBS PER ACRE (1.4 LB/5000 SQ FT) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIODS FROM NOVEMBER 1 THRU FEBRUARY 28, SEED WITH 30 LBS PER ACRE (1.7 LB/5000 SQ FT) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIODS FROM MARCH 1 THRU APRIL 30, AND FROM AUGUST 1 THRU OCTOBER 31, SEED WITH 25 LBS PER ACRE (1.4 LB/5000 SQ FT) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIODS FROM NOVEMBER 1 THRU FEBRUARY 28, SEED WITH 30 LBS PER ACRE (1.7 LB/5000 SQ FT) OF KENTUCKY 31 TALL FESCUE.
- MULCHING: APPLY 1.5 TO 2 TONS PER ACRE (70 TO 90 LB/5000 SQ FT) OF UNDIRTIED SMALL DRAIN STRAW IMMEDIATELY AFTER SEEDING. ANNUAL MULCH IMMEDIATELY AFTER SEEDING FOR PERIODS MARCH 1 THRU APRIL 30, AND FROM AUGUST 1 THRU OCTOBER 31. SEED WITH 25 LBS PER ACRE (1.4 LB/5000 SQ FT) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIODS FROM NOVEMBER 1 THRU FEBRUARY 28, SEED WITH 30 LBS PER ACRE (1.7 LB/5000 SQ FT) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIODS FROM MARCH 1 THRU APRIL 30, AND FROM AUGUST 1 THRU OCTOBER 31, SEED WITH 25 LBS PER ACRE (1.4 LB/5000 SQ FT) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIODS FROM NOVEMBER 1 THRU FEBRUARY 28, SEED WITH 30 LBS PER ACRE (1.7 LB/5000 SQ FT) OF KENTUCKY 31 TALL FESCUE.
- REFER TO THE 1987 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHOD OF COVERING.



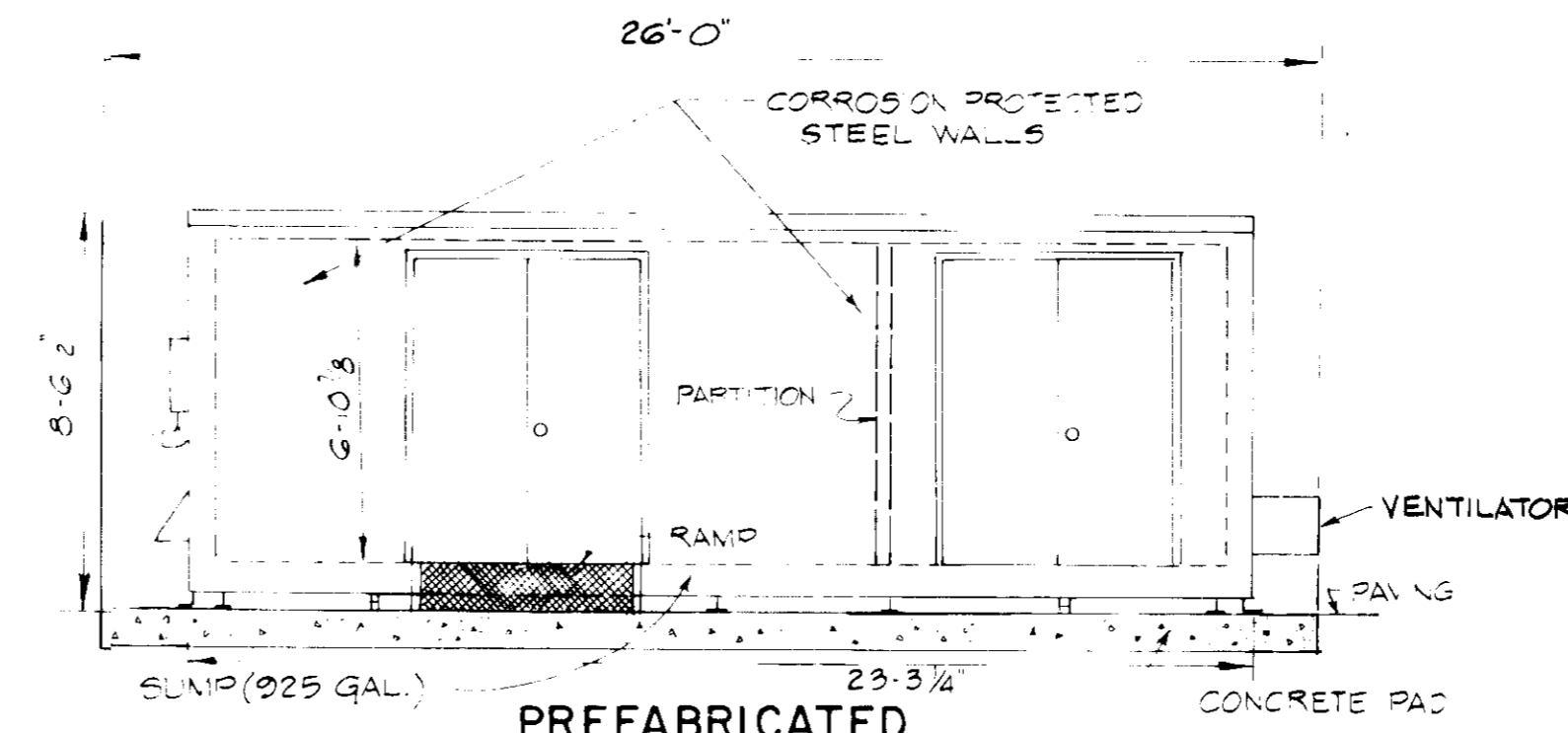
WALKING AISLE NOT TO SCALE



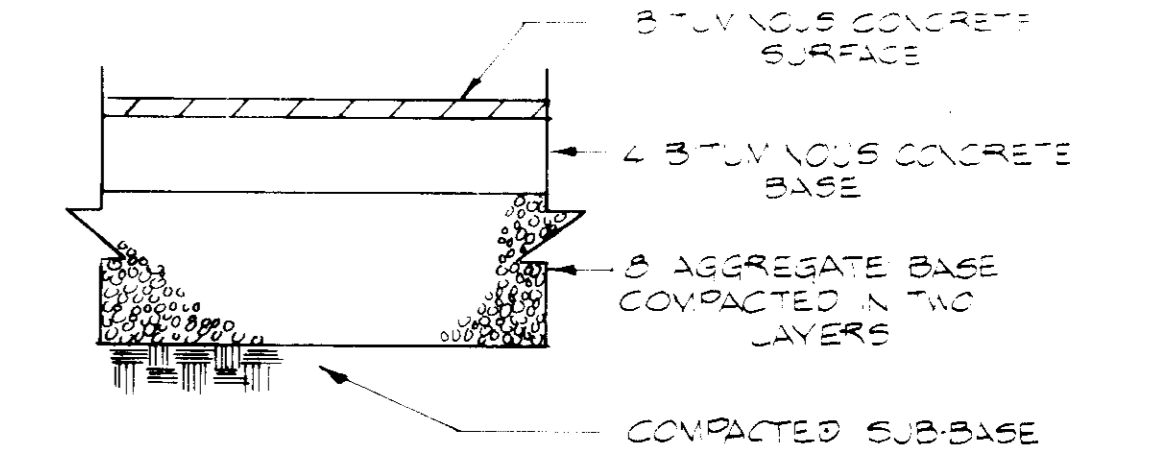
TYPICAL SECTION HOMEOWNERS ACCESS RD. WIDENING NOT TO SCALE



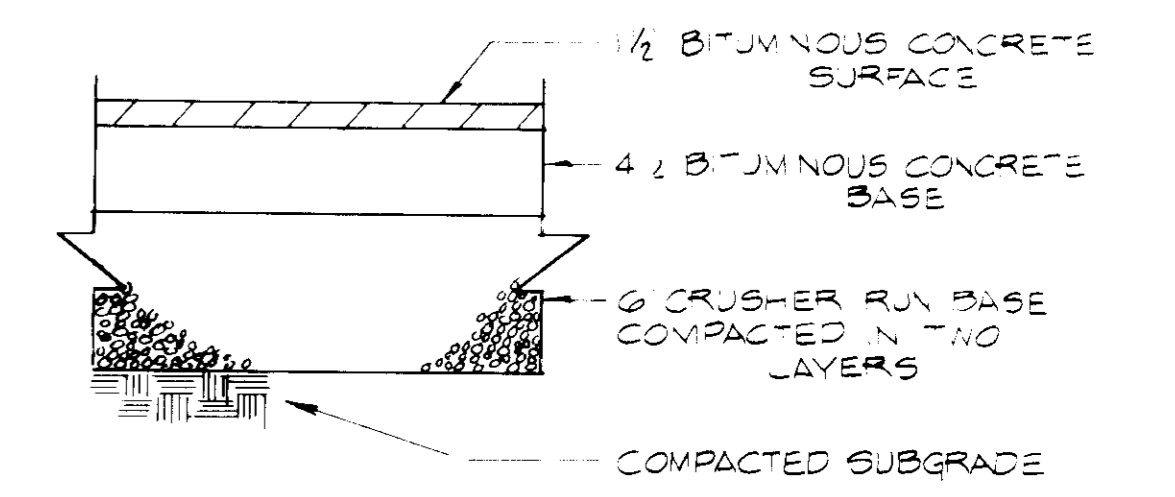
CONCRETE PAD FOR STORAGE BUILDING, PAVILION & EMPTY CONTAINERS PAD NOT TO SCALE



PREFABRICATED HOUSEHOLD HAZARDOUS WASTE SAFETY STORAGE BUILDING NOT TO SCALE

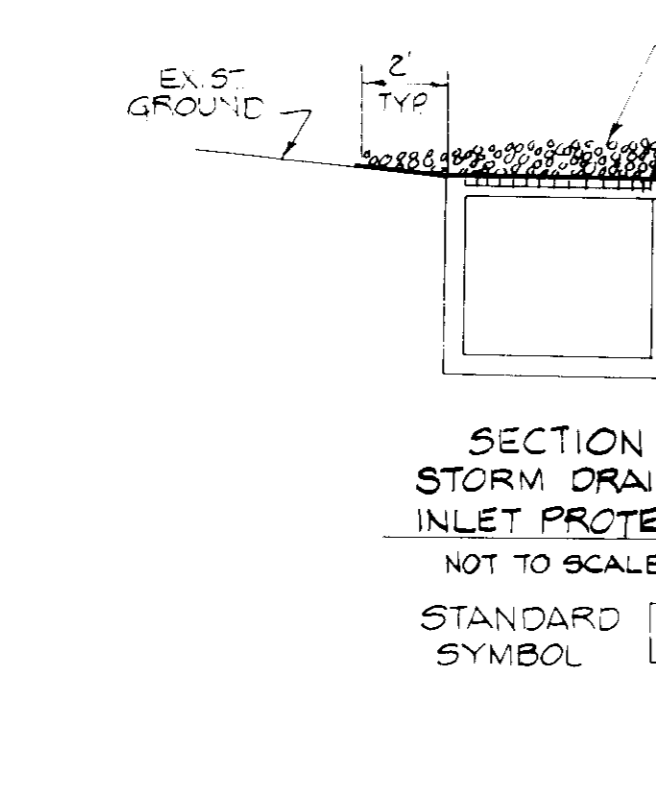
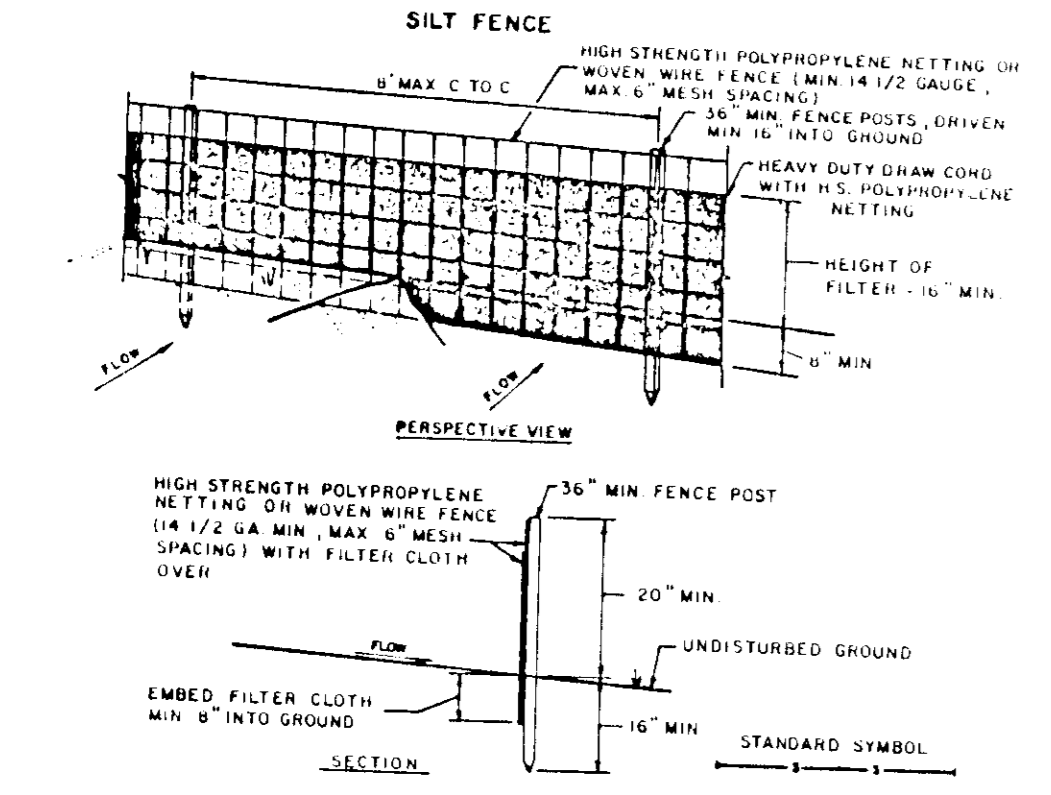


TYPE I



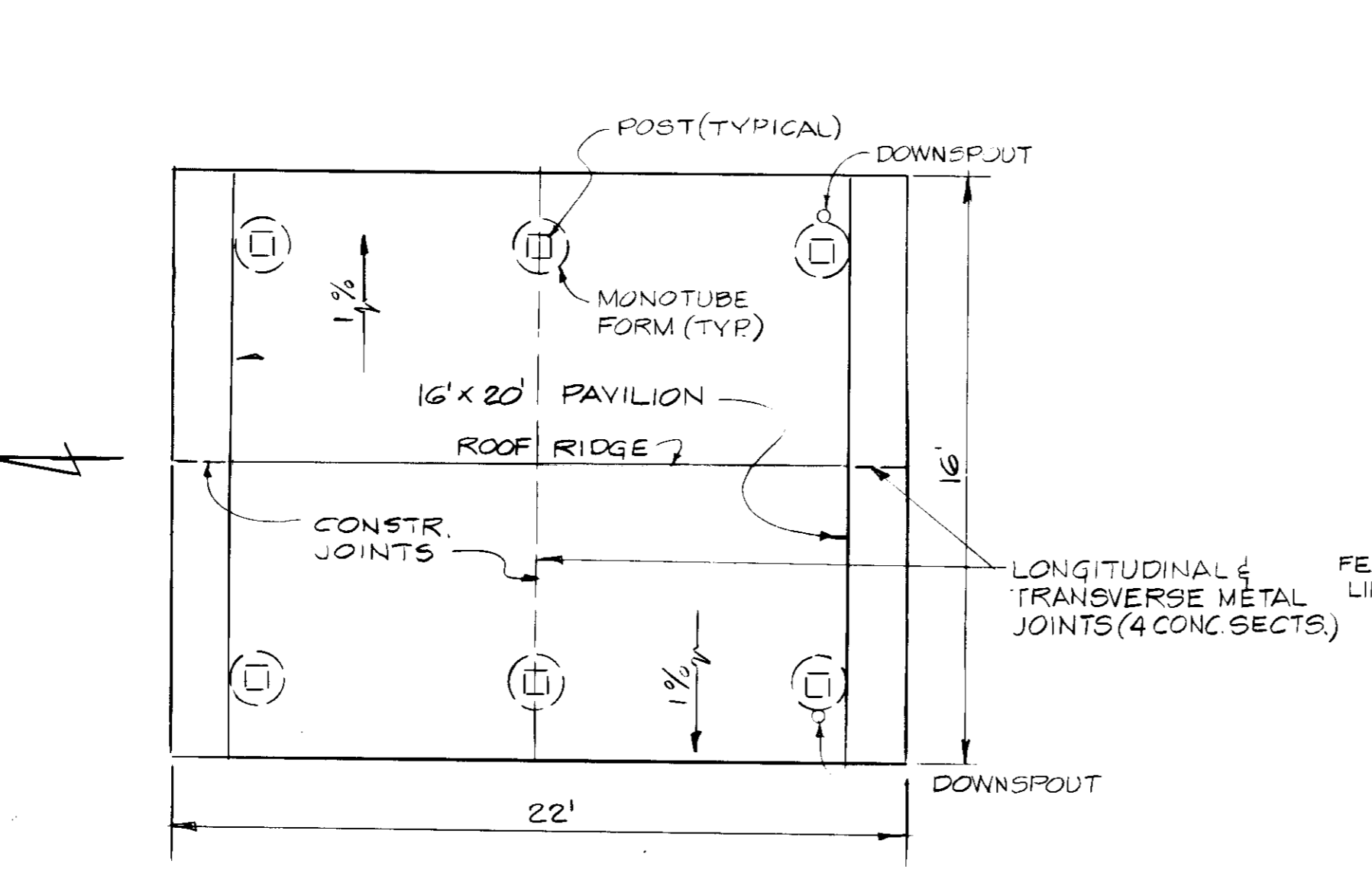
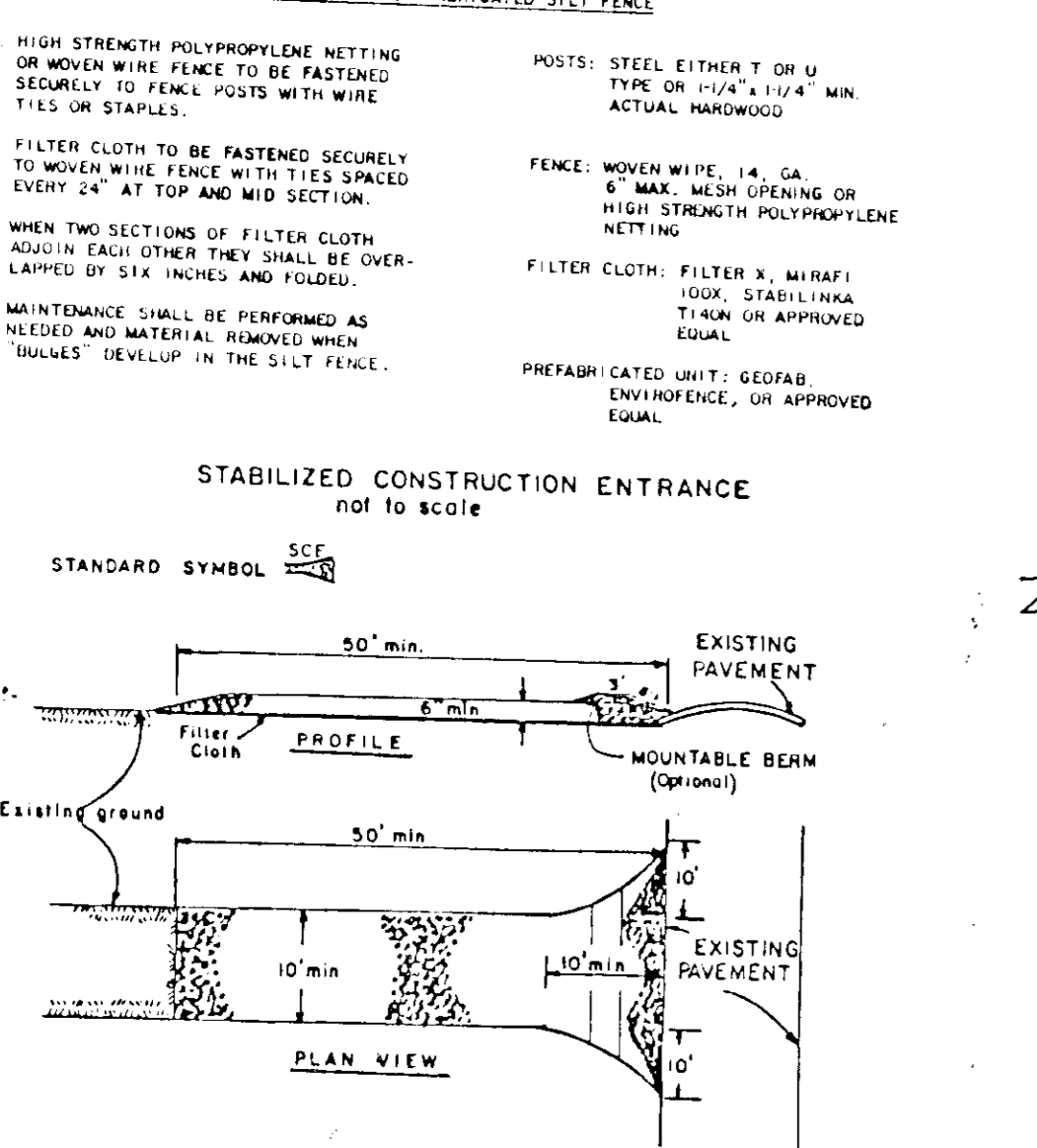
TYPE II

PAVEMENT SECTIONS NOT TO SCALE

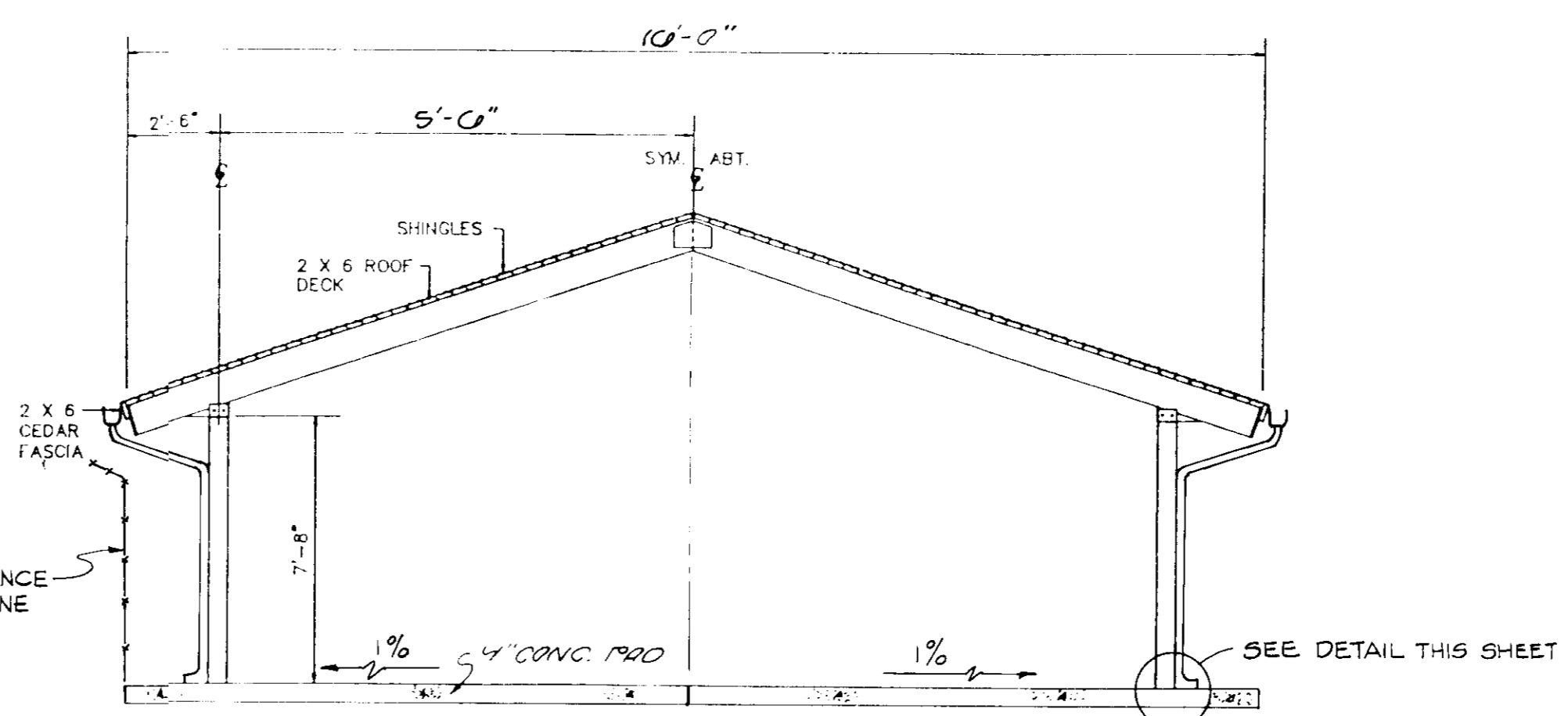


SECTION STORM DRAIN INLET PROTECTION NOT TO SCALE

STANDARD SYMBOL



PAVILION PAD NOT TO SCALE



(PRE-CUT) 16' X 20' PAVILION NOT TO SCALE

- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE
- HIGH STRENGTH POLYPROPYLENE NETTING OR MOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES ON SILENTS.
 - FILTER CLOTH TO BE FASTENED SECURELY TO MOVEN WIRE FENCE WITH WIRE TIES EVERY 24" AT TOP AND MID SECTION.
 - WHEN TWO SECTIONS OF FILTER CLOTH MEET, EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
 - MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN 'BULGES' DEVELOP IN THE SILT FENCE.
- POSTS: STEEL EITHER T OR U TYPE OR 1 1/2" x 1 1/2" MIN. ACTUAL DIMENSIONS.
- FENCE: MOVEN WIRE, 14 GA. 6" MAX. MESH OPENING OR HIGH STRENGTH POLYPROPYLENE NETTING.
- FILTER CLOTH: FILTER X, MIRAFI 1000, TIGON OR APPROVED EQUAL.
- PREFABRICATED UNIT: GEOFAB ENVIRONMENTAL, OR APPROVED EQUAL.

- CONSTRUCTION SPECIFICATIONS
- Stone Blis - Use 2" stone, or reclaimed or recycled concrete equivalent.
 - Length - As required, but not less than 50 feet (except on a single residence lot where a 25 foot minimum length would apply).
 - Thickness - Not less than 16 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. Filter will not be required on a single family residence lot.
 - Surface Water - All surface water flowing or directed toward construction entrance shall be directed across the entrance. If piping is impractical, a mountable beam with 3:1 slope will be permitted.
 - Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public right-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 right-of-way must be cleaned immediately.
 - Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public right-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 rain.

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

Joseph B. Bell 9-22-93 DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING

James Smith 10-12-93 DATE

Gina Jummank 10/5/93 DATE

CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

John O'Hare 9/21/93 DATE
CHIEF, BUREAU OF ENVIRONMENTAL SERVICES

HICKS ENGINEERING CO., INC.
ENGINEERS SURVEYORS PLANNERS
200 E. JOPPA ROAD SUITE 402
TOWSON, MARYLAND 21286



DES E.A.S.	
DRN: F.W.	
CHK: E.A.S.	
DATE:	
BY:	SH
NO.:	1
REVISION:	ENGINEER'S SEAL FOR REDLINE
DATE:	
600' SCALE MAP NO.:	
BLOCK NO.:	

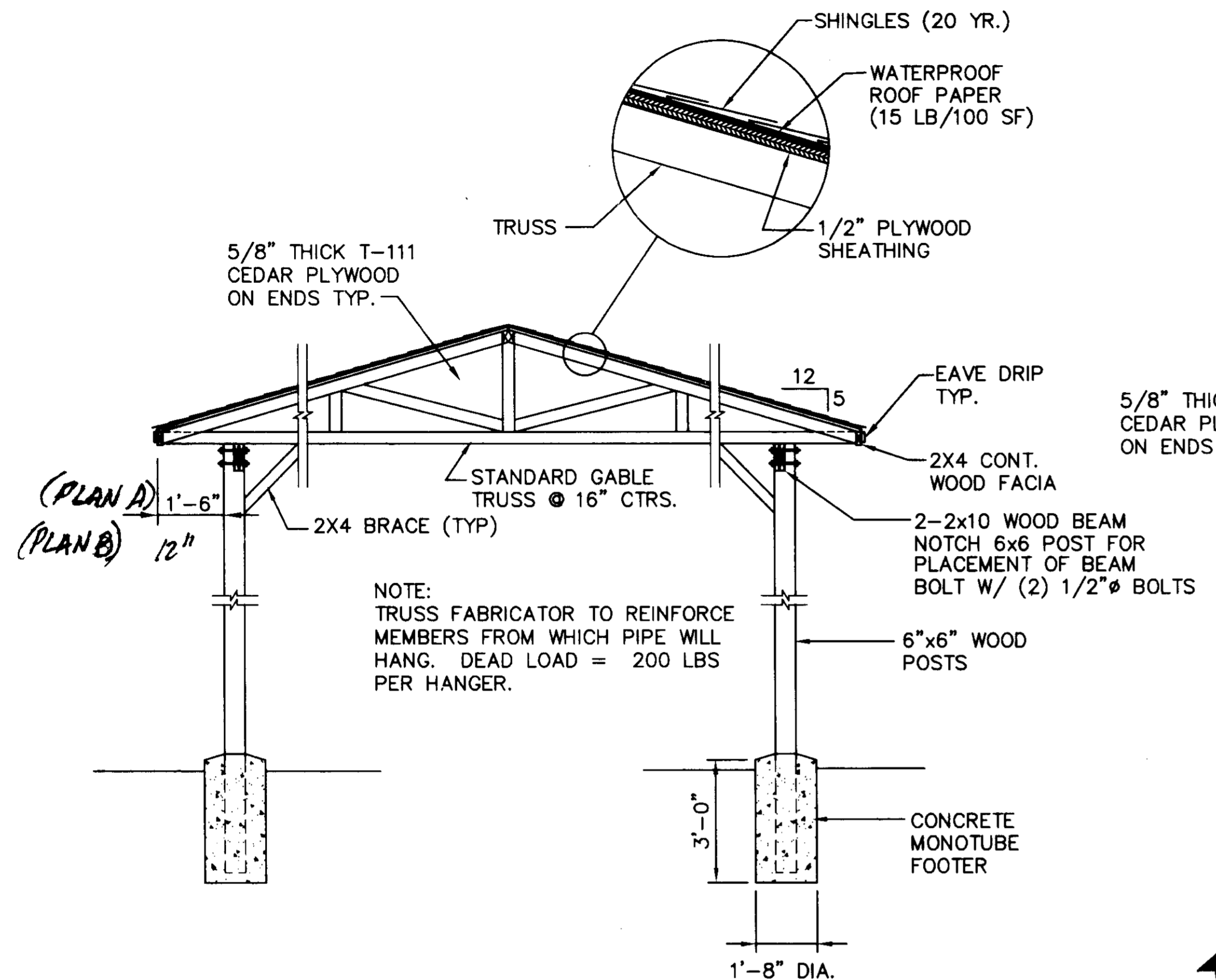
SITE DETAILS

ALPHA RIDGE SOLID WASTE MANAGEMENT CENTER
HOUSEHOLD HAZARDOUS WASTE SITE
CAPITAL PROJECT NO. C-0190-J
HOWARD COUNTY, MARYLAND

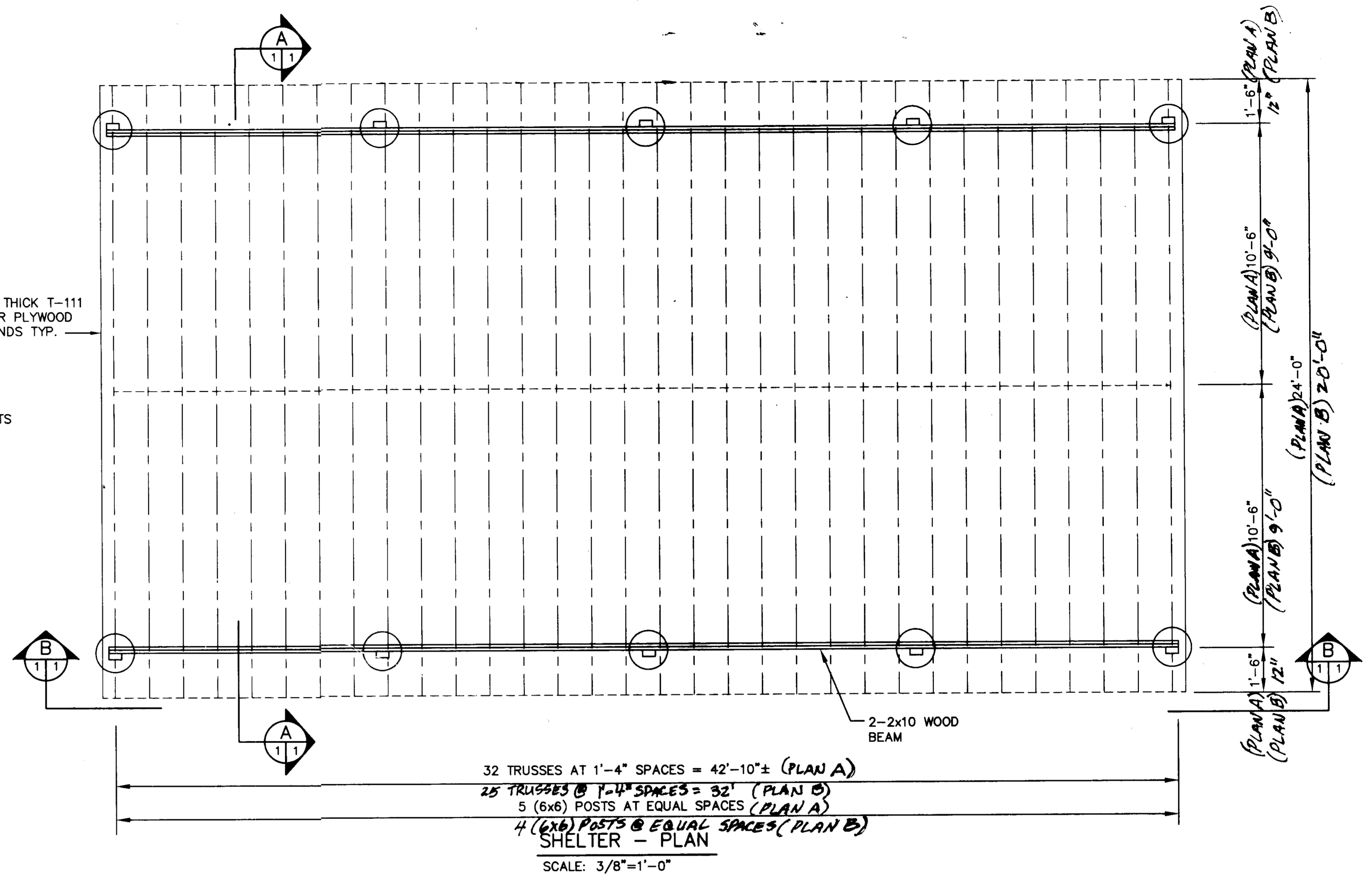
SCALE AS SHOWN

SHEET 3 OF 3

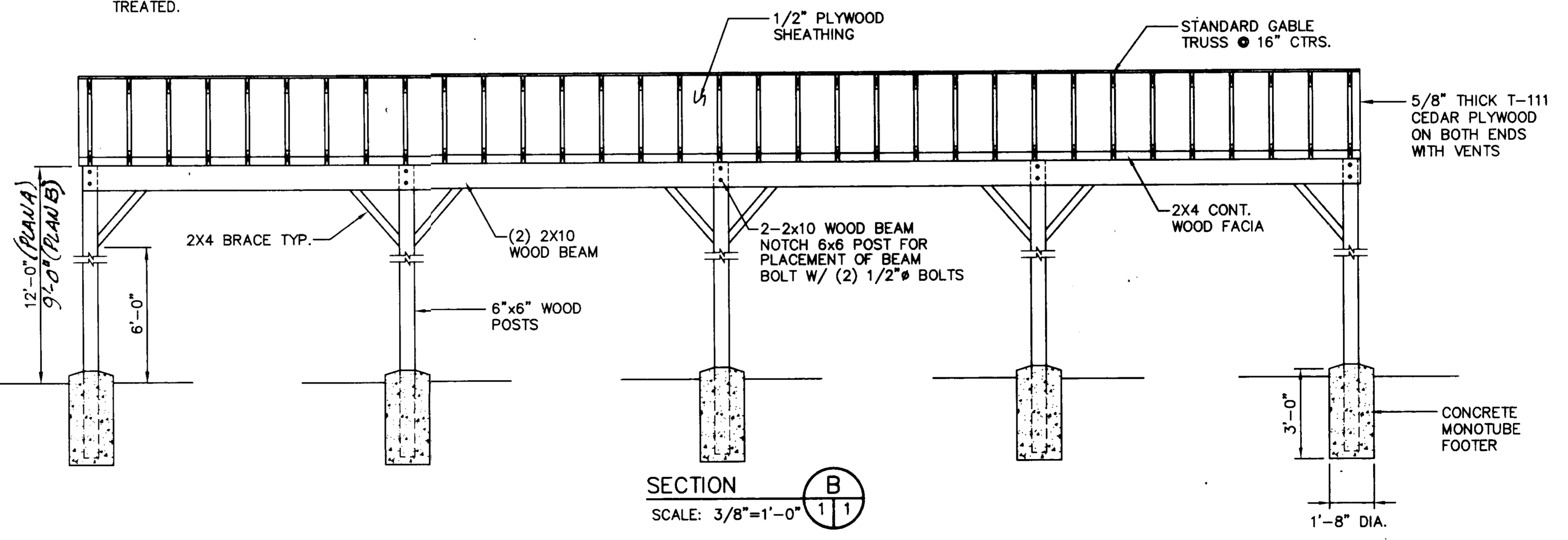
REDLINE #1



SECTION A
SCALE: 3/8"=1'-0"



NOTE: ALL WOOD TO BE PRESSURE TREATED.



SECTION B
SCALE: 3/8"=1'-0"

SUBDIVISION NAME ALPHA RIDGE SOLID WASTE MANAGEMENT CENTER		LOT/PARCEL 302
LIEB/FOLIO B66-330	ZONE PEC	TAX/ZONE MAP 10
WATER CODE PRIVATE, EXISTING	SEWER CODE PRIVATE, EXIST.	CENSUS TR. 60-30

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

[Signature] DATE: 10/21/97
DIRECTOR

[Signature] DATE: 10/28/97
CHIEF, DEVELOPMENT ENGINEERING DIV.

[Signature] DATE: 10/27/97
CHIEF, DIVISION OF LAND DEVELOPMENT

DATE: _____
HOWARD COUNTY, MARYLAND HEALTH OFFICER

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

[Signature] DATE: 10/21/97
DIRECTOR, OF PUBLIC WORKS

[Signature] DATE: 10/11/97
CHIEF, BUREAU OF WASTE MANAGEMENT

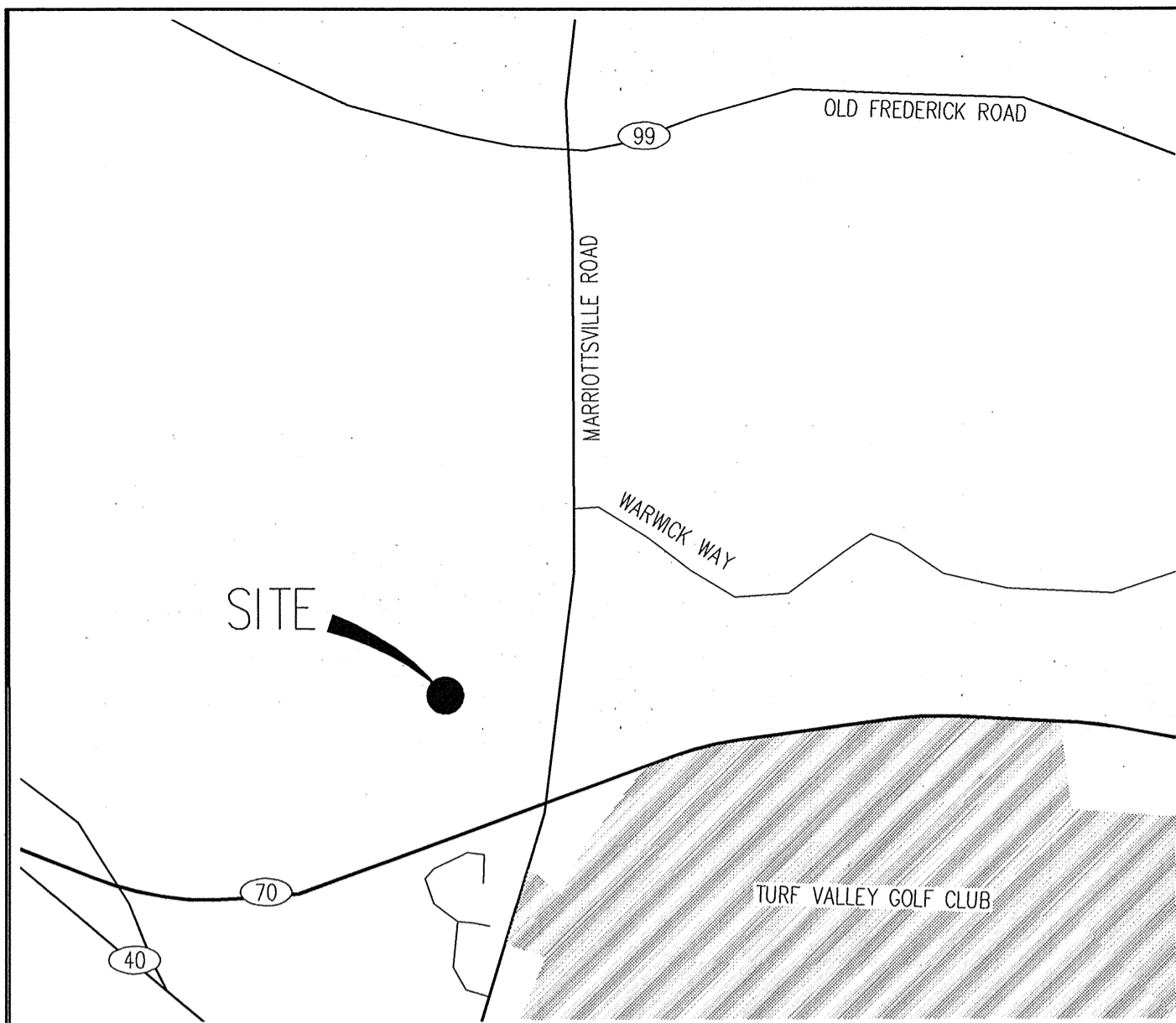
DES. S.A.			
DRN. S.H.			
CHK.			
DATE: 9-9-97	BY: SA	NO. 1	REVISION: Add sheet 3A to SDP 94-15

SHELTER DETAILS

ALPHA RIDGE LANDFILL
CAPITAL PROJECT C-0190 J
3rd ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE:
AS NOTED
SHEET
3A OF 3

REDLINE #1 SDP 94-15

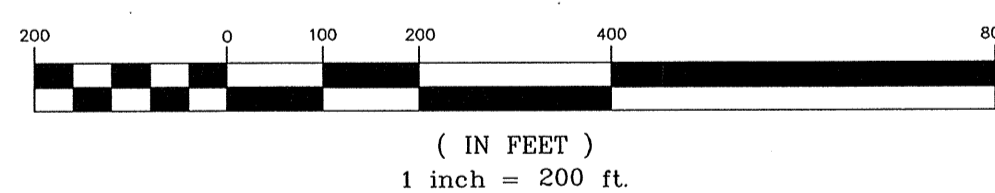


VICINITY MAP
SCALE: 1"=500'-0"
TRUE NORTH

SURVEY NOTES

- 1.) SITE NAME: TURF VALLEY
SITE NUMBER: WA54XC804E
- 2.) THIS IS NOT A BOUNDARY SURVEY AND IS NOT TO BE USED FOR THE TRANSFER OF PROPERTY.
- 3.) THE PARENT PARCEL INFORMATION:
OWNER: HOWARD COUNTY MARYLAND
PREMISES ADDRESS: 2350 MARRIOTTSVILLE RD
MARRIOTTSVILLE, MD 21104
MAILING ADDRESS: 3430 COURTHOUSE DRIVE
ELLICOTT CITY, MD 21043
COUNTY: HOWARD COUNTY
TAX MAP: 16 GRID: 10 PARCEL: 302
DISTRICT NUMBER: 03
ACCOUNT NUMBER: 305910
ZONING: NONE ASSIGNED
USE: LANDFILL
- 4.) THE RECORDED REFERENCES FOR THE SUBJECT PARCEL ARE AS FOLLOWS:
DEED: LIBER 856, FOLIO 330
LIBER 891, FOLIO 314
- 5.) THE DATUM'S ARE NAD 83 AND NAVD 88, AND THE BEARING BASE IS STATE GRID.
- 6.) NO UNDERGROUND UTILITIES HAVE BEEN LOCATED, THE PRESENCE OF ANY SUCH UTILITIES MUST BE CONFIRMED BY THE CONTRACTOR BEFORE CONSTRUCTION.
- 7.) NO WETLANDS HAVE BEEN DEFINED AND ANY AREAS SHOWN AS MARSH, PONDS OR DITCHES ARE DONE SO FROM VISIBLE SURFACE FEATURES AND IN NO WAY CONSTITUTE A DEFINED WETLAND.
- 8.) THE FLOOD ZONE OF THE PROPOSED TOWER IS AS FOLLOWS; FLOOD ZONE C, AREA OF MINIMUM FLOODING. SOURCE, FEMA FLOOD MAP FOR HOWARD COUNTY, MD. COMMUNITY PANEL NUMBER 240044 0016B. REVISED, DECEMBER 4, 1986.
- 9.) THE DATA COLLECTED AND SHOWN ON THIS DRAWING ARE FOR THE PURPOSES OF CONSTRUCTION OF A CELLULAR FLAGPOLE, ANY NECESSARY ANCILLARY EQUIPMENT AND ALL APPROPRIATE EASEMENTS.
- 10.) NO UNRECORDED EASEMENTS ARE SHOWN ON THIS SURVEY AND IT IS POSSIBLE THAT SUCH EASEMENTS IMPACT THE SITE.
- 11.) THIS PROPERTY IS SUBJECT TO ALL MATTERS OF PUBLIC RECORD.
- 12.) THE LOCATION OF THE PROPOSED FLAGPOLE IS AS FOLLOWS: THE VALUES LISTED BELOW ARE WITHIN ±50' HORIZONTAL AND ±20' VERTICAL.
LATITUDE: N 39° 18' 17.864"
LONGITUDE: W 76° 54' 06.967"
ELEVATION: 508.00 AMSL AT BASE

GRAPHIC SCALE



TAXMAP: 16 PARCEL: 223
NO RECORDS FOUND

TAXMAP: 16 PARCEL: 249 (P/O)
ACC. #: 03-307778
N/F
OWNER: HOWARD COUNTY MARYLAND
PARCEL ADDRESS: MARRIOTTSVILLE RD
MARRIOTTSVILLE, MD 21104
MAILING ADDRESS: GEO HOWARD BLDG
ELLICOTT CITY, MD 21043
DEED: LIBER 972 FOLIO 752
ZONING: N/A
USE: N/A
AREA: 0.42 AC

TAXMAP: 16 PARCEL: 15
ACC. #: 03-289796
N/F
OWNER: MANGIONE ENTERPRISES OF TURF
VALLEY LTD PARTNERSHIP
PARCEL ADDRESS: MARRIOTTSVILLE RD
MARRIOTTSVILLE, MD 21104
MAILING ADDRESS: 1205 YORK RD, PENTHOUSE
LUTHERVILLE, MD 21093
DEED: LIBER 4997 FOLIO 619
ZONING: POR
USE: COMMERCIAL
AREA: 26.16 AC

TAXMAP: 16 PARCEL: 423
ACC. #: 03-325024
N/F
OWNER: CANFIELD GERALD F & CANFIELD
DOROTHY ANNE
PARCEL ADDRESS: MARRIOTTSVILLE RD
MARRIOTTSVILLE, MD 21104
MAILING ADDRESS: 11230 ALBETH RD
MARRIOTTSVILLE, MD 21104
DEED: LIBER 4163 FOLIO 431
ZONING: R20
USE: RESIDENTIAL
AREA: 0.01 AC

TAXMAP: 16 PARCEL: 156
ACC. #: 03-281124
N/F
OWNER: ENGLISH GRANT M & MCDONNELL
SANDRA K
PARCEL ADDRESS: 11246 ALBETH RD
MARRIOTTSVILLE, MD 21104
MAILING ADDRESS: 11246 ALBETH RD
MARRIOTTSVILLE, MD 21104
DEED: LIBER 6029 FOLIO 201
ZONING: R20
USE: RESIDENTIAL
AREA: 29,620.0 SF

TAXMAP: 16 PARCEL: 422
ACC. #: 03-325016
N/F
OWNER: CANFIELD GERALD FRANK & DOROTHY
ANNE
PARCEL ADDRESS: 11230 ALBETH RD
MARRIOTTSVILLE, MD 21104
MAILING ADDRESS: 11230 ALBETH RD
MARRIOTTSVILLE, MD 21104
DEED: LIBER 4163 FOLIO 431
ZONING: R20
USE: RESIDENTIAL
AREA: 40,226.0 SF

TAXMAP: 16 PARCEL: 424
ACC. #: 03-327418
N/F
OWNER: WAVERLY WOODS DEVELOPMENT CO.
PARCEL ADDRESS: 2301 S WARWICK WAY
MARRIOTTSVILLE, MD 21104
MAILING ADDRESS: 14451 TRIADDELPHIA RD
GLENELG, MD 21737
DEED: LIBER 4200 FOLIO 472
ZONING: PEC
USE: COMMERCIAL
AREA: 6.71 AC

TAXMAP: 16 PARCEL: 120
ACC. #: 03-284239
N/F
OWNER: WAVERLY WOODS DEVELOPMENT CO.
PARCEL ADDRESS: 2300 MARRIOTTSVILLE RD
MARRIOTTSVILLE, MD 21104
MAILING ADDRESS: P.O. BOX 30
GLENELG, MD 21737
DEED: LIBER 4463 FOLIO 123
ZONING: R20
USE: AGRICULTURAL
AREA: 27.08 AC

TAXMAP: 16 PARCEL: 249
ACC. #: 03-292975
N/F
OWNER: GTW JOINT VENTURE
PARCEL ADDRESS: MARRIOTTSVILLE RD
MARRIOTTSVILLE, MD 21104
MAILING ADDRESS: 14451 TRIADDELPHIA RD
GLENELG, MD 21737
DEED: LIBER 2221 FOLIO 297
ZONING: PEC
USE: AGRICULTURAL
AREA: 143.53 AC

TAXMAP: 16 PARCEL: 253
ACC. #: 03-291189
N/F
OWNER: HOWARD COUNTY MD
PARCEL ADDRESS: RT 144
MARRIOTTSVILLE, MD 21104
MAILING ADDRESS: 3430 CT HOUSE DR
ELLICOTT CITY, MD 21043
DEED: LIBER 856 FOLIO 337
ZONING: RCDEO
USE: N/A
AREA: 38.23 AC

SUBJECT PARCEL
TAXMAP: 16 PARCEL: 302
ACC. #: 03-305910
N/F
OWNER: HOWARD COUNTY MD
PARCEL ADDRESS: 2350 MARRIOTTSVILLE RD
MARRIOTTSVILLE, MD 21104
MAILING ADDRESS: CT HOUSE
ELLICOTT CITY, MD 21043
DEED: LIBER 856 FOLIO 330
ZONING: N/A
USE: N/A
AREA: 74.35 AC

TAXMAP: 16 PARCEL: 110
ACC. #: 03-284719
N/F
OWNER: CHAPEL GATE PRESBYTERIAN CH INC
PARCEL ADDRESS: 2780 MARRIOTTSVILLE RD
MARRIOTTSVILLE, MD 21104
MAILING ADDRESS: 2780 MARRIOTTSVILLE RD
MARRIOTTSVILLE, MD 21104
DEED: LIBER 1389 FOLIO 339
ZONING: R20
USE: RESIDENTIAL
AREA: 51.83 AC

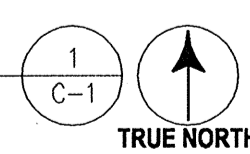
TAXMAP: 16 PARCEL: 137
ACC. #: 03-303462
N/F
OWNER: STATE HIGHW. ADM.
PARCEL ADDRESS: MARRIOTTSVILLE RD
MARRIOTTSVILLE, MD 21104
MAILING ADDRESS: 301 W PRESTON ST
BALTIMORE, MD 21201
DEED: LIBER 449 FOLIO 715
ZONING: R20
USE: PUBLIC RIGHT OF WAY
AREA: 0.54 AC

TAXMAP: 16 PARCEL: 137
ACC. #: 03-295559
N/F
OWNER: MONTGOMERY GERALD R
PARCEL ADDRESS: 11227 ALBETH RD
MARRIOTTSVILLE, MD 21104
MAILING ADDRESS: 11227 ALBETH RD
MARRIOTTSVILLE, MD 21104
DEED: LIBER 1927 FOLIO 338
ZONING: R20
USE: RESIDENTIAL
AREA: 16,552.0 SF

TAXMAP: 16 PARCEL: 227
ACC. #: 03-284565
N/F
OWNER: CONAWAY, JAMES P & ELENA M
PARCEL ADDRESS: 11220 ALBETH RD
MARRIOTTSVILLE, MD 21104
MAILING ADDRESS: 11220 ALBETH RD
MARRIOTTSVILLE, MD 21104
DEED: LIBER 1978 FOLIO 745
ZONING: R20
USE: RESIDENTIAL
AREA: 17,119.0 SF

SITE SURVEY AND ADJOINERS

SCALE: 1"=200'-0"



LEGEND

- FOUND PROPERTY CORNER
- SET PROPERTY CORNER
- △ BENCH MARKS
- FLAG POLE
- INDIVIDUAL TREE - DECIDUOUS
- INDIVIDUAL TREE - CONIFER
- BUSH
- GRASS AREA
- CENTER OF PROPOSED TOWER
- CONCRETE SURFACE
- ASPHALT SURFACE
- GRAVEL SURFACE
- LINE TYPES**
- BOUNDARY LINE - PARENT PARCEL
- RIGHT OF WAY BOUNDARY
- EDGE OF ASPHALT
- EDGE OF CONCRETE
- EDGE OF GRAVEL
- FENCE LINE - CHAIN
- CENTER LINE OF DITCH
- TREE OR VEGETATION LINE
- CENTER LINE OF ACCESS AND UTILITY EASEMENTS

PURPOSE STATEMENT

THE PURPOSE OF THE "REVISED SITE DEVELOPMENT PLAN" IS TO INCORPORATE INTO THE ORIGINAL SITE DEVELOPMENT PLAN 94-15 THE CONSTRUCTION REQUIREMENTS FOR A SPRINT COMMUNICATION SITE.
THE SPRINT SITE CONSISTS OF A 40 FT x 40 FT FENCED COMPOUND, 130' COMMUNICATION FLAGPOLE AND A 14 FT WIDE ACCESS DRIVE. THE SPRINT SITE IS LOCATED ± 150 FT EAST OF THE EXISTING PUMP HOUSE.

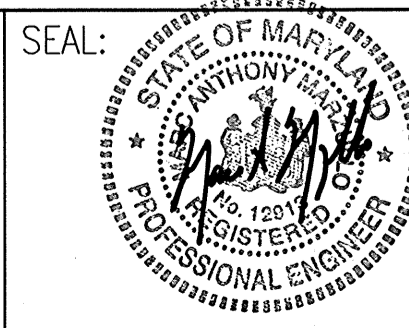
APPROVALS

APPROVED: DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION
DATE: 11/2/04
CHIEF, DIVISION OF LAND DEVELOPMENT
DATE: 11/9/04
DIRECTOR
DATE: 12/6/04

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DIRECTOR OF PUBLIC WORKS
DATE: 11/9/04
CHIEF, BUREAU OF ENGINEERING
DATE: 11/17/04
CHIEF, BUREAU OF ENVIRONMENTAL SERVICES
DATE: 11/9/04



DES: R.S.			
DRN: R.S.			
CHK: M.M.	MM	SPRINT TELECOMMUNICATION SITE REDLINE	8/21/04
	SH	ENGINEER'S SEAL FOR REDLINE	10/8/97
	SH	ADD 20'x32' SHELTER	10/8/97
DATE: 8/21/04	BY	NO.	REVISION

REVISED SITE DEVELOPMENT PLAN

SITE SURVEY AND ADJOINERS

600' SCALE MAP NO. BLOCK NO.

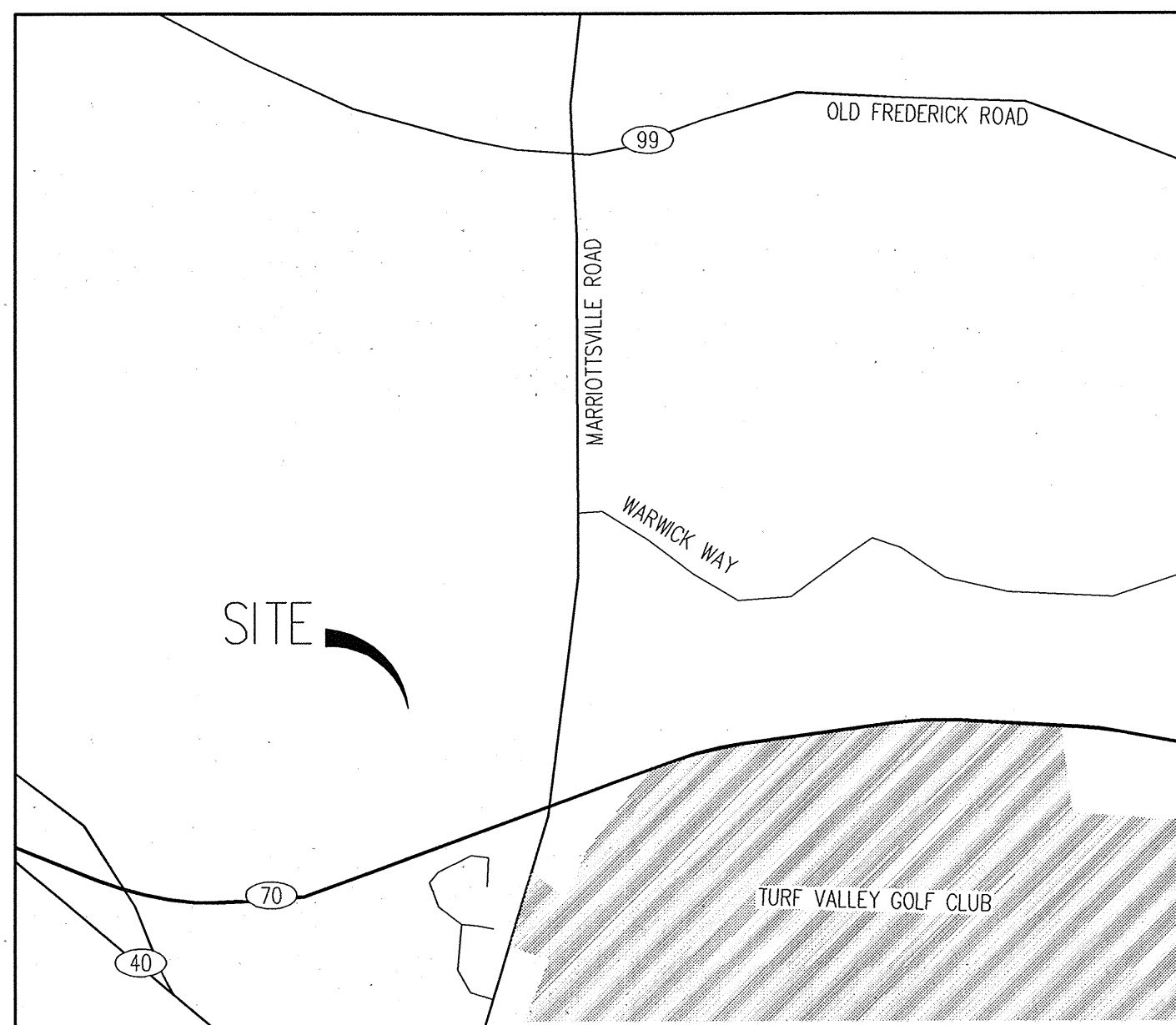
**ALPHA RIDGE SOLID WASTE MANAGEMENT CENTER
HOUSEHOLD HAZARDOUS WASTE SITE**

CAPITAL PROJECT NO. C-0190-J
HOWARD COUNTY, MARYLAND
SDP - 94 - 15

C-1

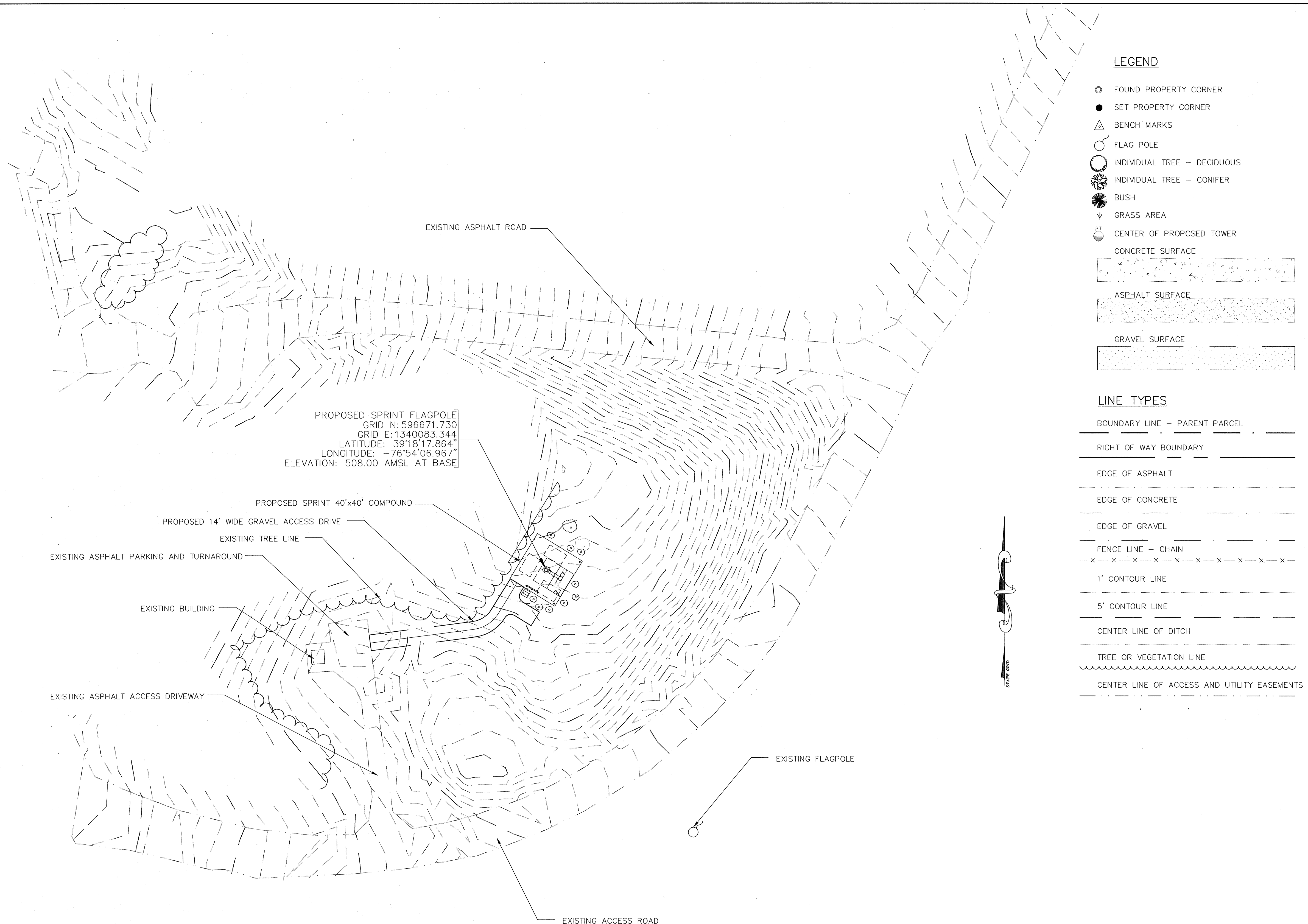
SHEET 5 OF 12

REDLINE #2 SDP 94-15



VICINITY MAP

SCALE: 1"=500'-0"



LEGEND

- FOUND PROPERTY CORNER
- SET PROPERTY CORNER
- △ BENCH MARKS
- FLAG POLE
- INDIVIDUAL TREE - DECIDUOUS
- INDIVIDUAL TREE - CONIFER
- BUSH
- ▽ GRASS AREA
- CENTER OF PROPOSED TOWER

- CONCRETE SURFACE
- ASPHALT SURFACE
- GRAVEL SURFACE

LINE TYPES

- BOUNDARY LINE - PARENT PARCEL
- RIGHT OF WAY BOUNDARY
- EDGE OF ASPHALT
- EDGE OF CONCRETE
- EDGE OF GRAVEL
- FENCE LINE - CHAIN
- 1' CONTOUR LINE
- 5' CONTOUR LINE
- CENTER LINE OF DITCH
- TREE OR VEGETATION LINE
- CENTER LINE OF ACCESS AND UTILITY EASEMENTS

PROPOSED SPRINT FLAGPOLE
 GRID N: 596671.730
 GRID E: 1340083.344
 LATITUDE: 39°18'17.864"
 LONGITUDE: -76°54'06.967"
 ELEVATION: 508.00 AMSL AT BASE

PROPOSED SPRINT 40'x40' COMPOUND
 PROPOSED 14' WIDE GRAVEL ACCESS DRIVE
 EXISTING TREE LINE
 EXISTING ASPHALT PARKING AND TURNAROUND
 EXISTING BUILDING
 EXISTING ASPHALT ACCESS DRIVEWAY

EXISTING FLAGPOLE

EXISTING ACCESS ROAD

APPROVALS

APPROVED: DEPARTMENT OF PLANNING AND ZONING

[Signature] 11/2/04
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

[Signature] 11/9/04
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

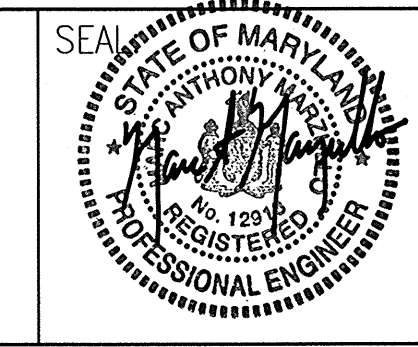
[Signature] 12/4/04
 DIRECTOR DATE

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

[Signature] 11/18/04
 DIRECTOR OF PUBLIC WORKS DATE

[Signature] 11/17/04
 CHIEF, BUREAU OF ENGINEERING DATE

[Signature] 11/18/04
 CHIEF, BUREAU OF ENVIRONMENTAL SERVICES DATE



DES: R.S.			
DRN: R.S.			
CHK: M.M.	MM	3	SPRINT TELECOMMUNICATION SITE REDLINE 8/21/04
	SH	2	ENGINEER'S SEAL FOR REDLINE 10/8/97
	SH	1	ADD 20'x32' SHELTER 10/8/97
DATE: 8/21/04	BY	NO.	REVISION

REVISED SITE DEVELOPMENT PLAN

ENLARGED SITE SURVEY

600' SCALE MAP NO. _____ BLOCK NO. _____

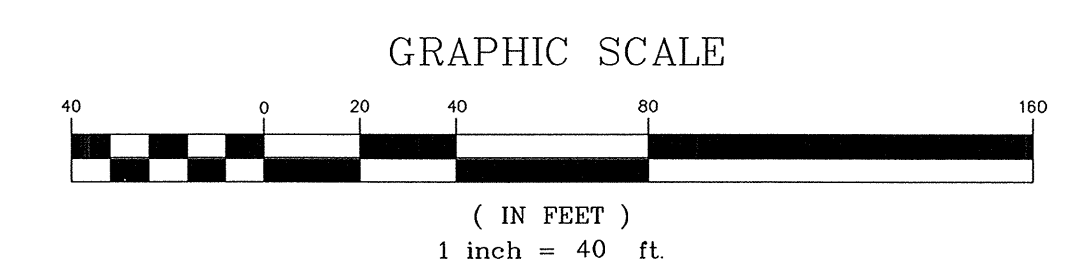
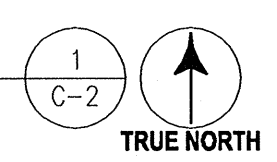
ALPHA RIDGE SOLID WASTE MANAGEMENT CENTER
HOUSEHOLD HAZARDOUS WASTE SITE

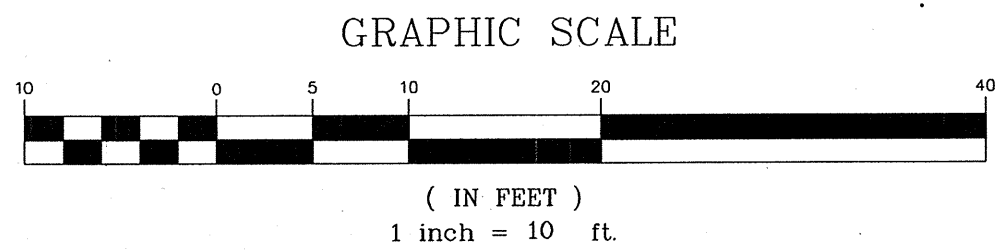
CAPITAL PROJECT NO. C-0190-J
 HOWARD COUNTY, MARYLAND

SDP - 94 - 15

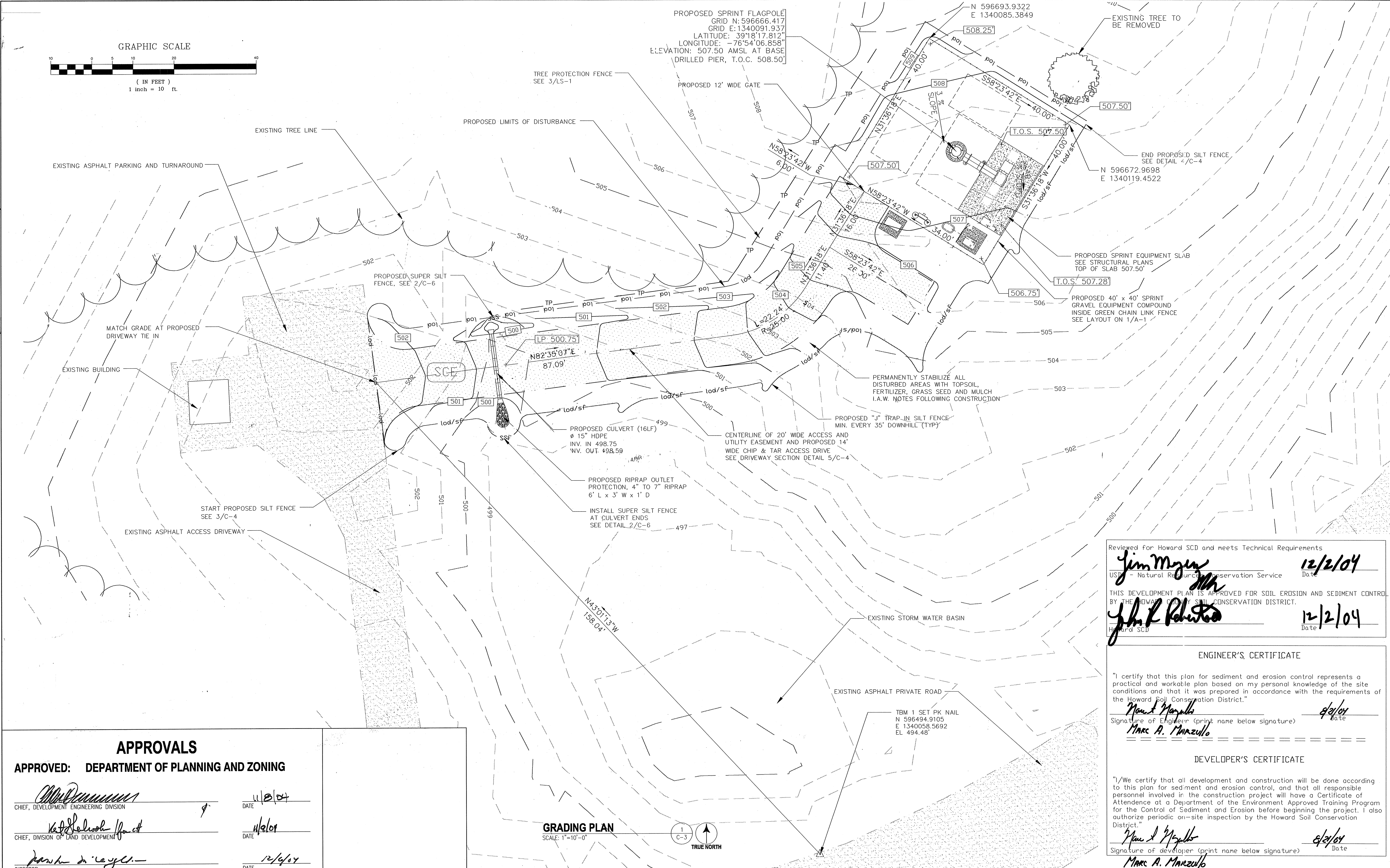
C-2
 SHEET 6 OF 12

ENLARGED SITE SURVEY
 SCALE: 1"=40'-0"





PROPOSED SPRINT FLAGPOLE
GRID N: 596666.417
GRID E: 1340091.937
LATITUDE: 39°18'17.812"
LONGITUDE: -76°54'06.858"
ELEVATION: 507.50 AMSL AT BASE
DRILLED PIER, T.O.C. 508.50'



Reviewed for Howard SCD and meets Technical Requirements
Jim Meyer 12/2/04
USDA Natural Resources Conservation Service Date
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
John R. Roberts 12/2/04
Howard SCD Date

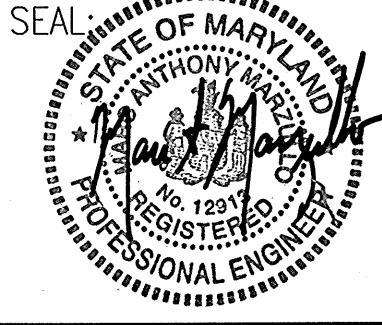
ENGINEER'S CERTIFICATE
"I certify that this plan for sediment and erosion control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard County Conservation District."
Marc A. Marzullo 12/2/04
Signature of Engineer (print name below signature) Date

DEVELOPER'S CERTIFICATE
"I/We certify that all development and construction will be done according to this plan for sediment and erosion control, and that all 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."
Marc A. Marzullo 12/2/04
Signature of developer (print name below signature) Date

GRADING PLAN
SCALE: 1"=10'-0"
1
C-3
TRUE NORTH

APPROVALS
APPROVED: DEPARTMENT OF PLANNING AND ZONING
[Signature] 11/2/04
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE
[Signature] 11/2/04
CHIEF, DIVISION OF LAND DEVELOPMENT DATE
[Signature] 12/2/04
DIRECTOR DATE

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
[Signature] 11/2/04
DIRECTOR OF PUBLIC WORKS DATE
[Signature] 11/17/04
CHIEF, BUREAU OF ENGINEERING DATE
[Signature] 11/2/04
CHIEF, BUREAU OF ENVIRONMENTAL SERVICES DATE



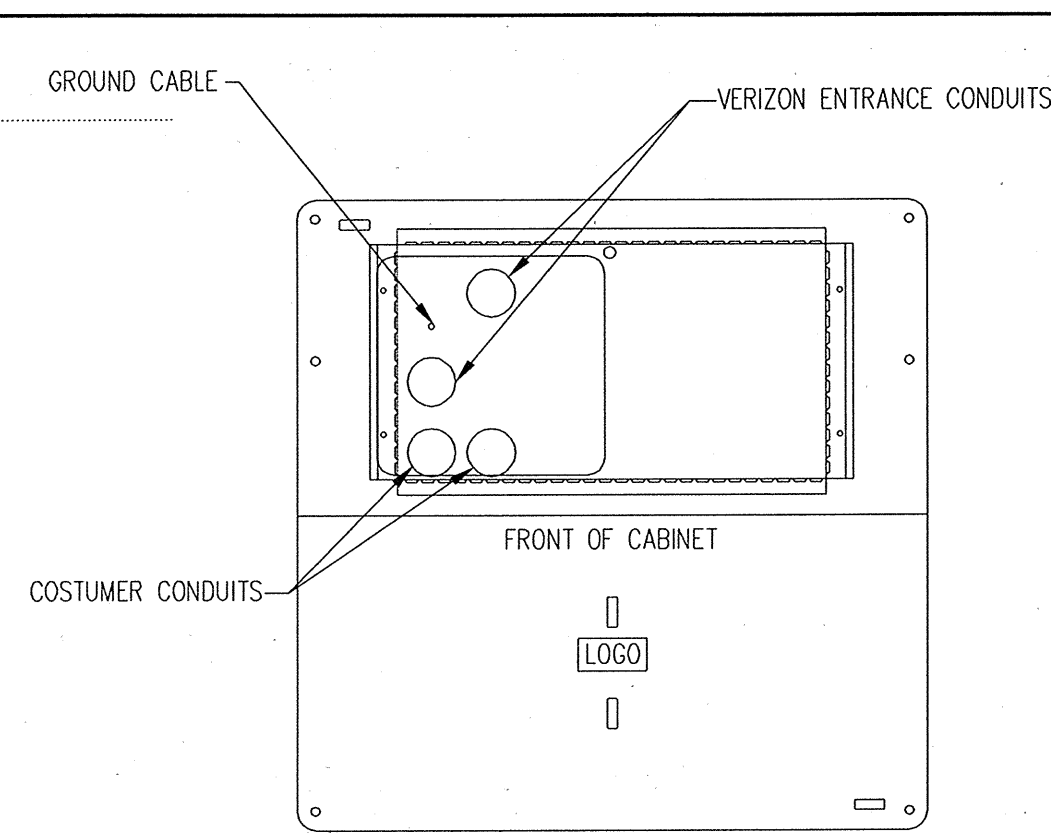
DES: R.S.			
DRN: R.S.			
CHK: M.M.	MM	SPRINT TELECOMMUNICATION SITE REDLINE	8/21/04
	SH	ENGINEER'S SEAL FOR REDLINE	10/8/97
	SH	ADD 20'x32' SHELTER	10/8/97
DATE: 8/21/04	BY	NO.	REVISION

REVISED SITE DEVELOPMENT PLAN
GRADING PLAN
600' SCALE MAP NO. _____ BLOCK NO. _____

ALPHA RIDGE SOLID WASTE MANAGEMENT CENTER
HOUSEHOLD HAZARDOUS WASTE SITE
CAPITAL PROJECT NO. C-0190-J
HOWARD COUNTY, MARYLAND
SDP - 94 - 15

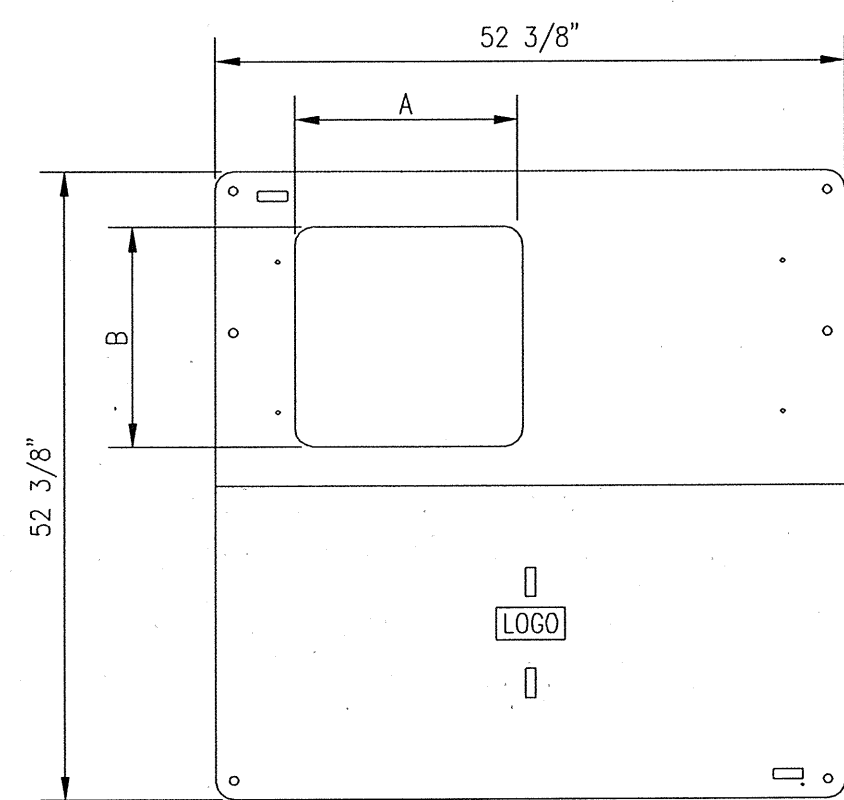
C-3
SHEET 7 OF 12

REDLINE #2 SDP 94-15



CSC CABINET LAYOUT

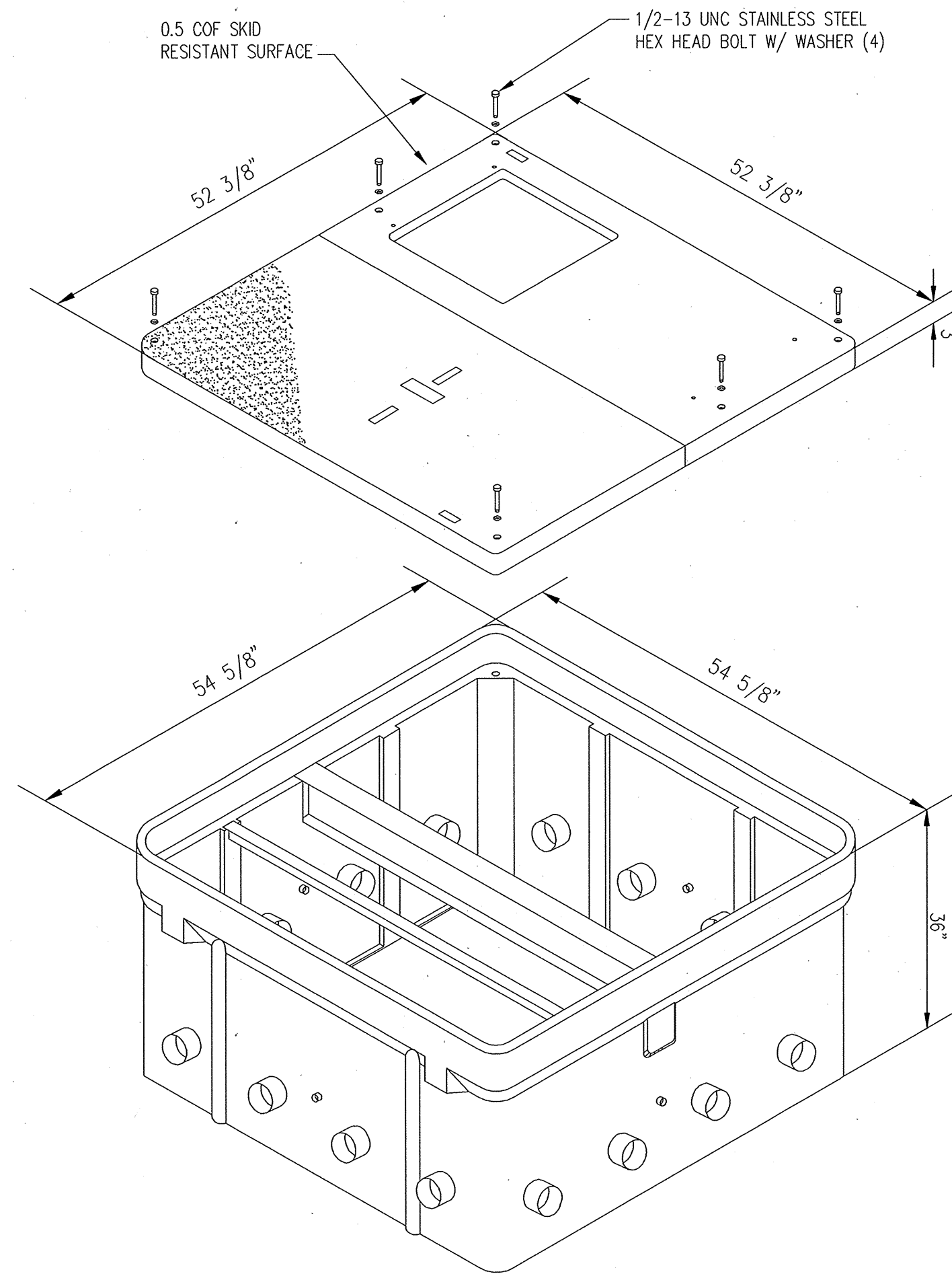
SCALE: 3/4"=1'-0" (1) C-4



ACCESS PORT DETAIL

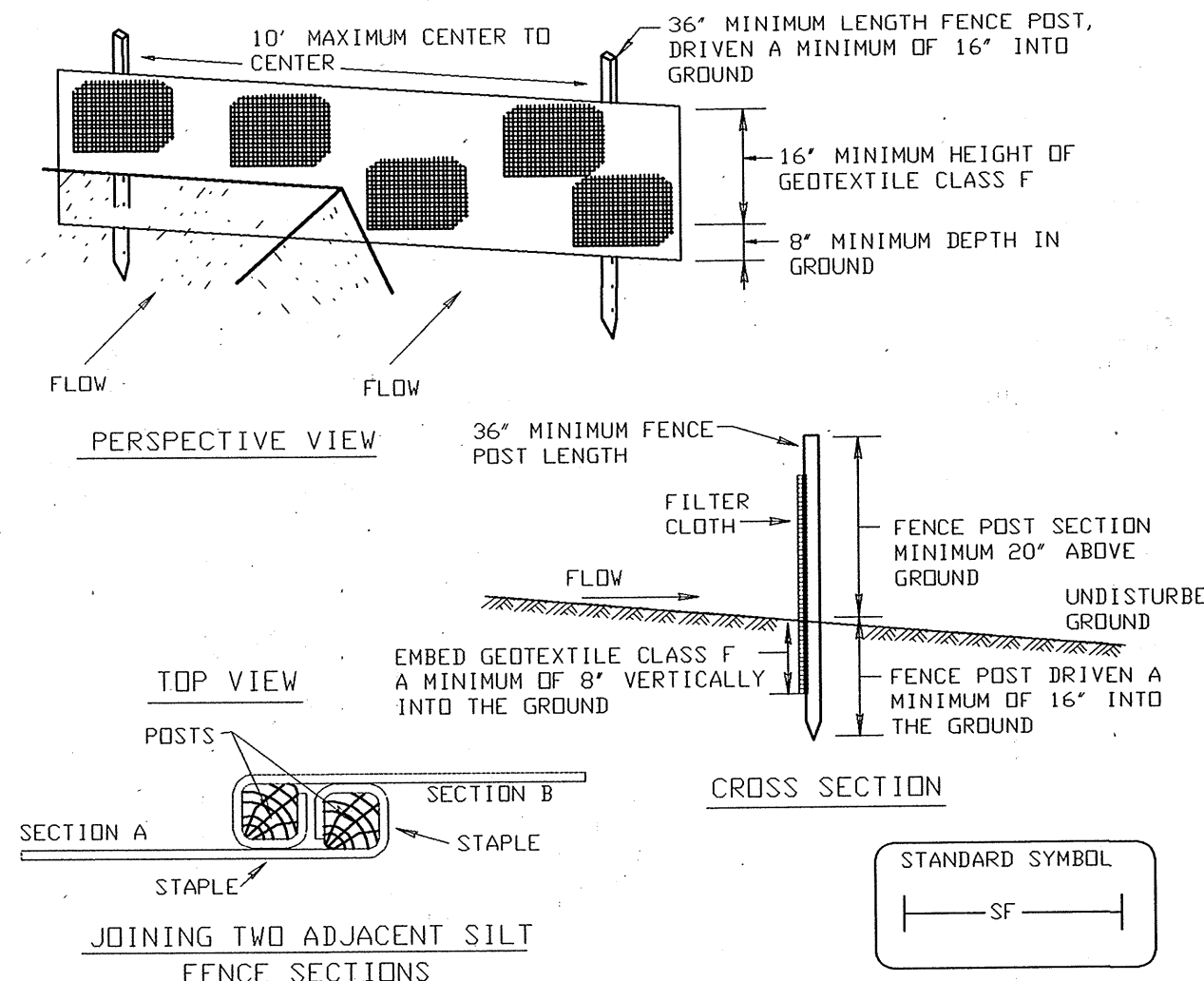
SCALE: 3/4"=1'-0" (2) C-4

BOX ASSEMBLY NUMBER	DIMENSION A	DIMENSION B	HUB CABINET
PG4848Z511	19"	18 1/8"	CSC
PG4848Z505	10"	18 1/4"	CFL



TELCO STRONGWELL BOX

SCALE: 3/4"=1'-0" (3) C-4

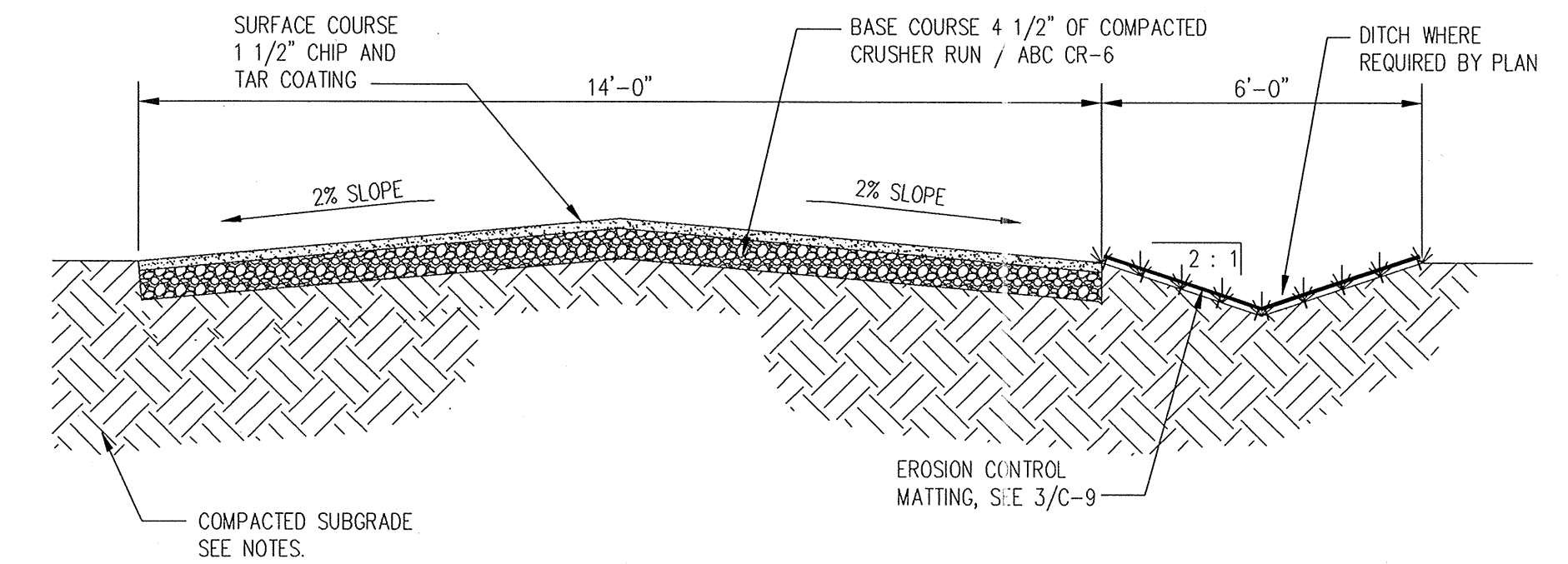


SILT FENCE DETAILS

SCALE: 1/8"=1'-0" (4) C-4

- Construction Specifications
- Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) cut, or 1 3/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pound per linear foot.
 - Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

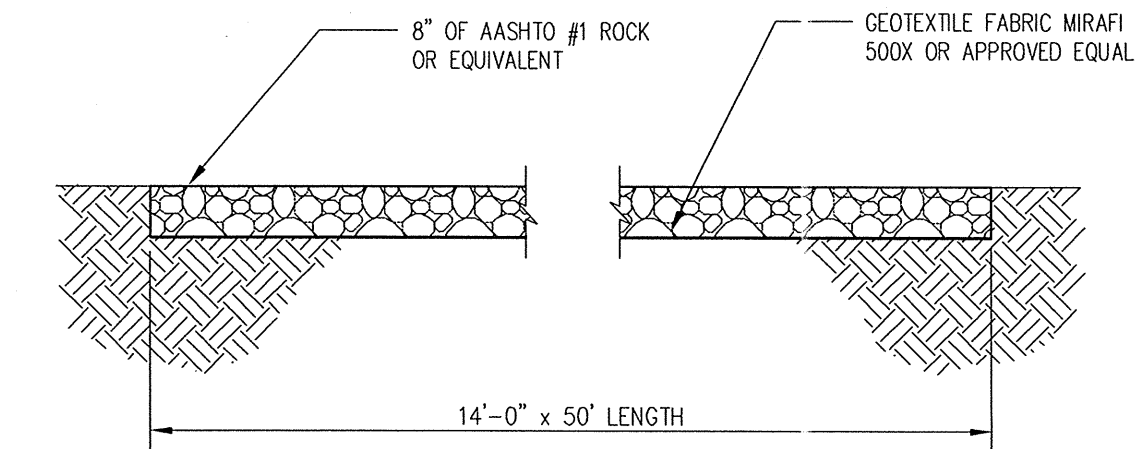
Tensile Strength	50 lbs/in (min.)	Test: MSMT 509
Tensile Modulus	20 lbs/in (min.)	Test: MSMT 509
Flow Rate	0.3 gal ft ² / minute (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322
 - Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
 - Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.



STANDARD CHIP & TAR ACCESS DRIVE SECTION

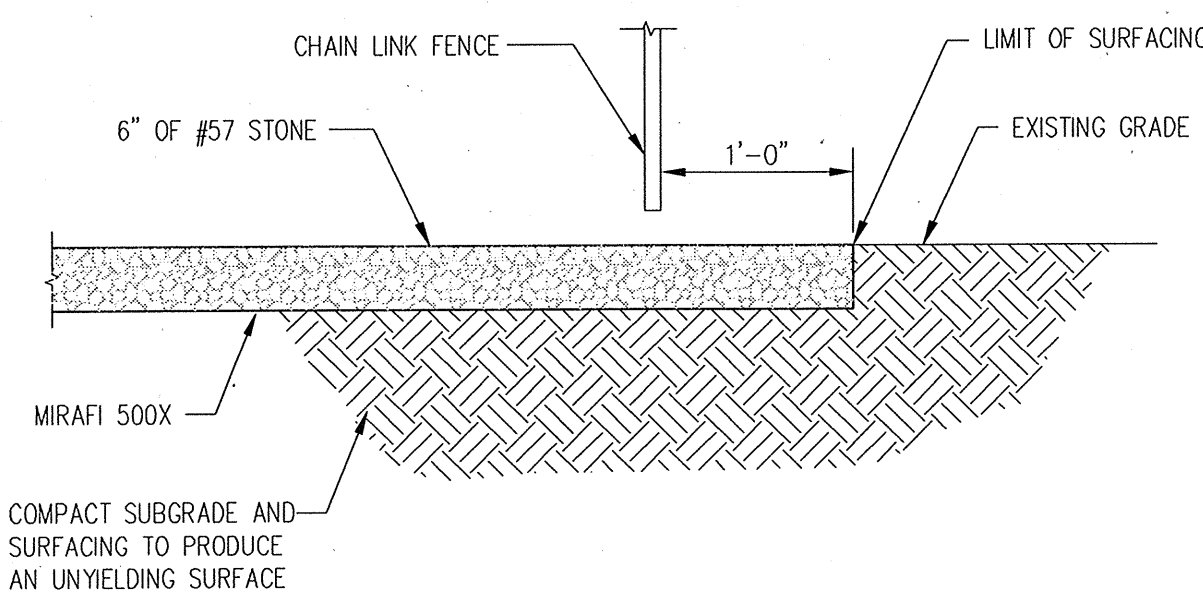
SCALE: 1/2"=1'-0" (5) C-4

- COMPACTION NOTES:
- SURFACE COURSE AND BASE COURSE SHALL BE COMPACTED TO 98% MAX. DRY DENSITY STANDARD PROCTOR.
 - SUBGRADE SOIL SHALL BE COMPACTED TO 95% MAX. DRY DENSITY STANDARD PROCTOR.



STABILIZED CONSTRUCTION ENTRANCE

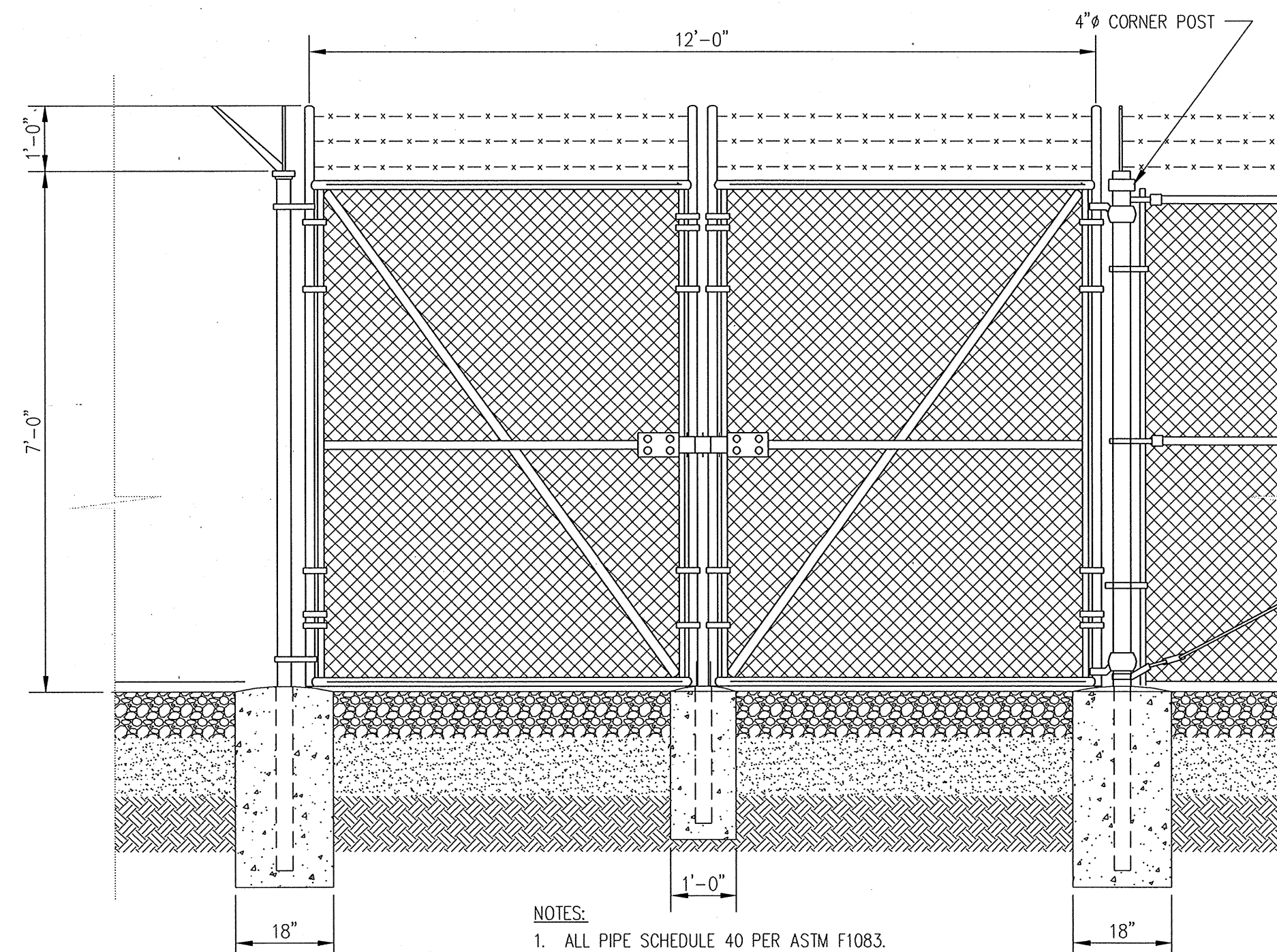
SCALE: 1"=1'-0" (6) C-4



SITE COMPOUND SURFACING DETAIL

SCALE: 1"=1'-0" (7) C-4

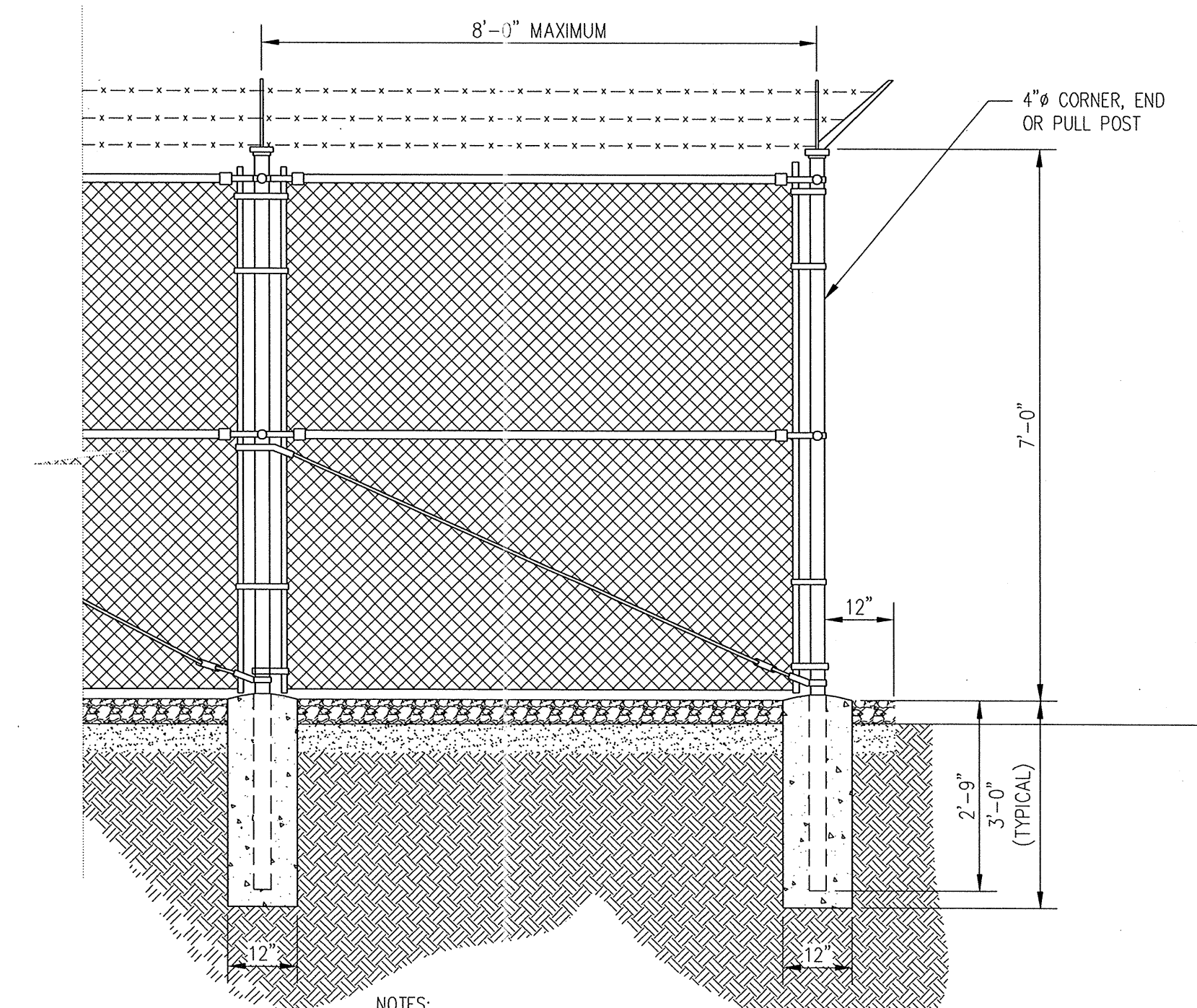
NOTE:
LEASE AREA SHALL BE CLEARED AND GRUBBED. REMOVE UNSUITABLE LOOSE OR SOFT SOIL, ORGANIC MATERIAL OR RUBBLE TO FIRM GRADE. FILL UNDERCUT AND COMPACT UP TO 6" BELOW FINISH GRADE. PLACE A MIRAFI 500X SOIL STABILIZATION FABRIC ON SUBGRADE. FILL WITH 6" OF AASHTO 57 STONE TO FINISH GRADE.



CHAIN LINK GATE DETAIL

SCALE: 1/2"=1'-0" (8) C-4

- NOTES:
- ALL PIPE SCHEDULE 40 PER ASTM F1083.
 - TOP RAIL/ BRACE RAIL 1-1/2" Ø PIPE.
 - FABRIC 9 GA CORE WIRE 2" MESH ASTM A392.
 - SLATS: GREEN PVC PLASTIC TO MATCH EXISTING.
 - FABRIC SHALL BE GREEN PLASTIC COATED.
 - PROVIDE LOCKING HARDWARE AND 3 DIGIT COMBINATION LOCK.



CHAIN LINK FENCE DETAIL

SCALE: 1/2"=1'-0" (9) C-4

- NOTES:
- ALL PIPE SCHEDULE 40 PER ASTM F1083.
 - TOP RAIL/ BRACE RAIL 1-1/2" Ø PIPE.
 - FABRIC 9 GA CORE WIRE 2" MESH ASTM A392.
 - SLATS: GREEN PVC PLASTIC TO MATCH EXISTING.
 - FABRIC SHALL BE GREEN PLASTIC COATED.

APPROVALS
APPROVED: DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE: 11/8/04

 CHIEF, DIVISION OF LAND DEVELOPMENT DATE: 11/9/04

 DIRECTOR DATE: 11/6/04

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

 DIRECTOR OF PUBLIC WORKS DATE: 11/17/04

 CHIEF, BUREAU OF ENGINEERING DATE: 11/17/04

 CHIEF, BUREAU OF ENVIRONMENTAL SERVICES DATE: 11/18/04

entrex
communication services, inc.
1575 Eye Street, N.W. Suite 350
WASHINGTON, D.C. 20005
PHONE: (202)408-0960
FAX: (202)408-0961

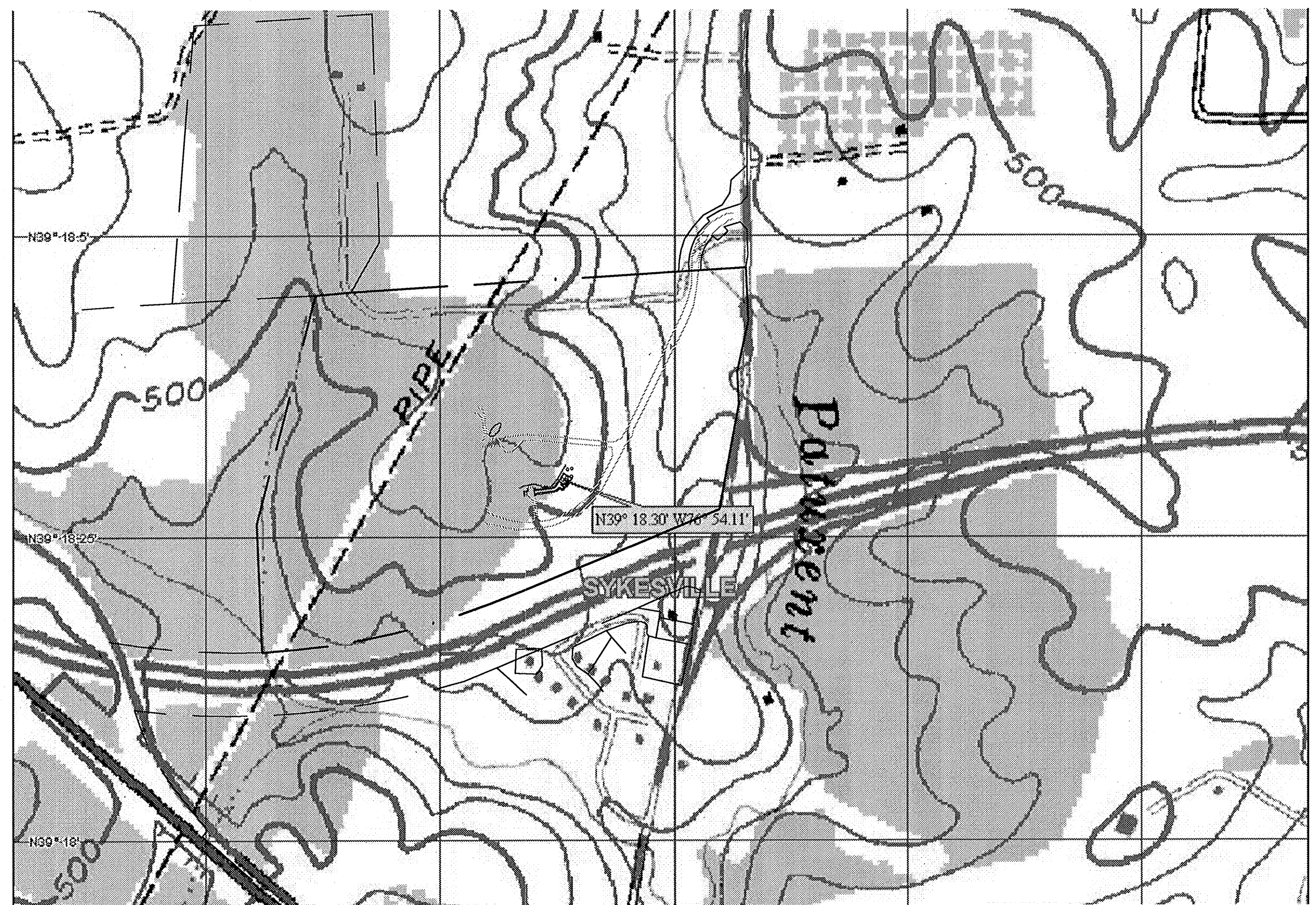
SEAL:
STATE OF MARYLAND
PROFESSIONAL ENGINEER

DES: R.S.			
DRN: R.S.			
CHK: M.M.	MM	SPRINT TELECOMMUNICATION SITE REDLINE	8/21/04
	SH	ENGINEER'S SEAL FOR REDLINE	10/8/97
	SH	ADD 20'x32' SHELTER	10/8/97
DATE: 8/21/04	BY	NO.	REVISION

REVISED SITE DEVELOPMENT PLAN
SITE DETAILS
600' SCALE MAP NO. _____ BLOCK NO. _____

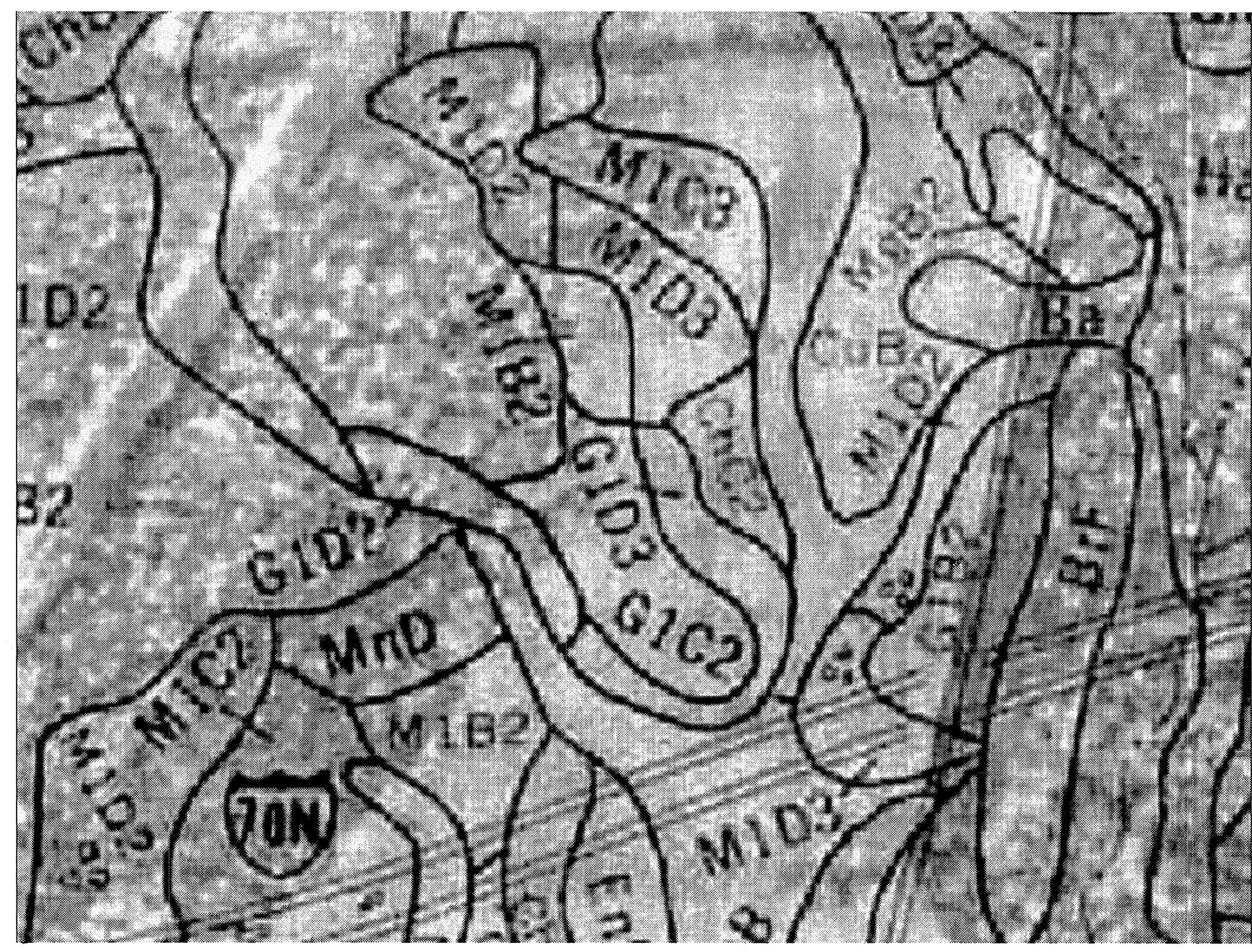
ALPHA RIDGE SOLID WASTE MANAGEMENT CENTER
HOUSEHOLD HAZARDOUS WASTE SITE
CAPITAL PROJECT NO. C-0190-J
HOWARD COUNTY, MARYLAND
SDP - 94 - 15

C-4
SHEET 8 OF 12



DRAINAGE AREA MAP
SCALE: 1"=500'

1
C-5



SOILS MAP
SCALE: 1"=500'

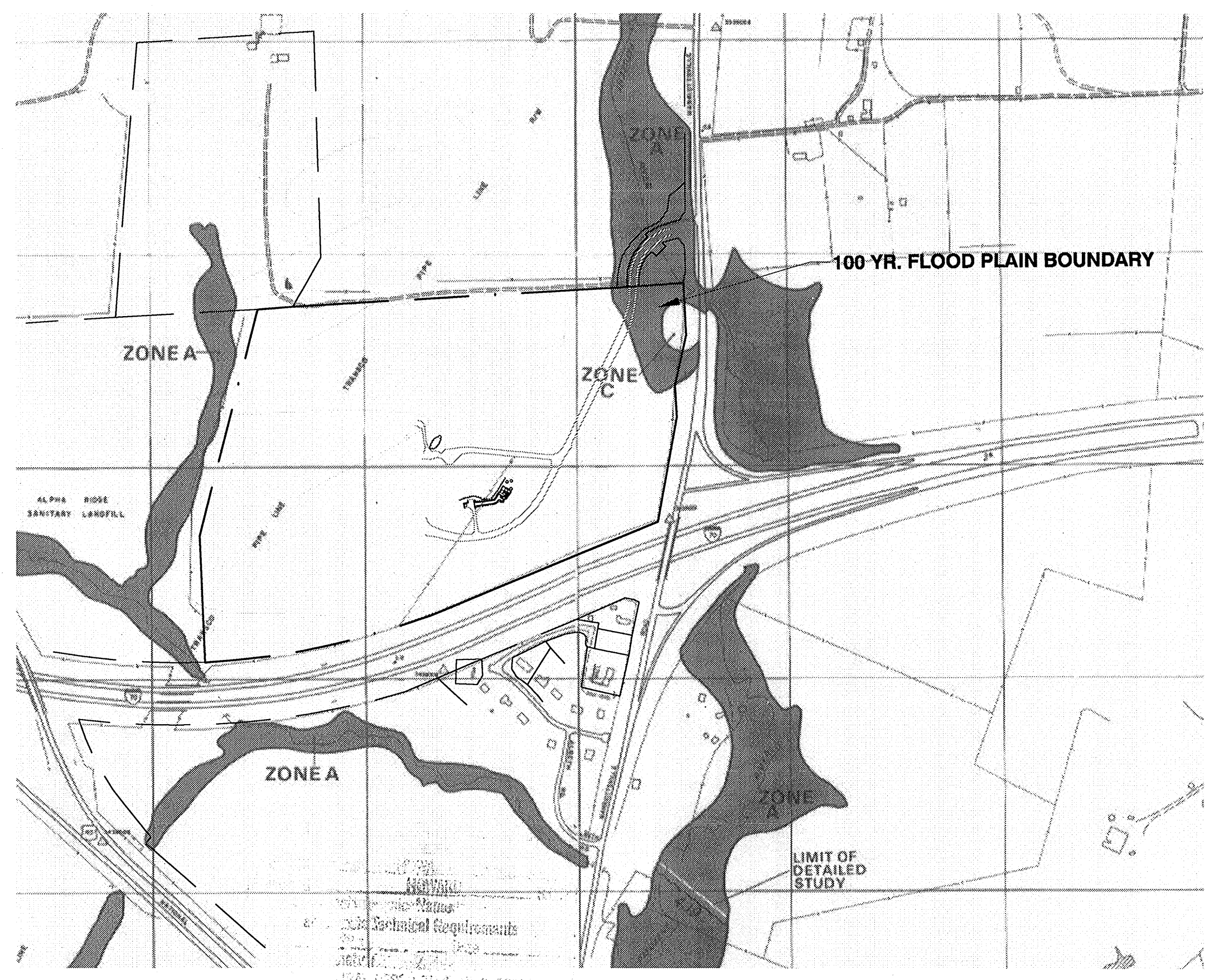
2
C-5

SOILS NOTE
THE SITE WAS FOUND TO BE LOCATED WITH A SOIL TYPE "G1C2" (GLENELG LOAM)
8% TO 15% SLOPE MODERATELY ERODED. HSG = C.



AERIAL PHOTO
SCALE: 1"=200'

3
C-5



FEMA FLOOD MAP
SCALE: 1"=500'

4
C-5

APPROVALS

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Alvin Dammann
CHIEF, DEVELOPMENT ENGINEERING DIVISION
DATE: 11/10/04

Robert DeLoach
CHIEF, DIVISION OF LAND DEVELOPMENT
DATE: 11/10/04

David DeCasper
DIRECTOR
DATE: 12/6/04

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

James J. ...
DIRECTOR OF PUBLIC WORKS
DATE: 11/16/04

Robert ...
CHIEF, BUREAU OF ENGINEERING
DATE: 11/17/04

John ...
CHIEF, BUREAU OF ENVIRONMENTAL SERVICES
DATE: 11/18/04



DES: R.S.			
DRN: R.S.			
CHK: M.M.	MM	3	SPRINT TELECOMMUNICATION SITE REDLINE 8/21/04
	SH	2	ENGINEER'S SEAL FOR REDLINE 10/8/97
	SH	1	ADD 20'x32' SHELTER 10/8/97
DATE: 8/21/04	BY	NO.	REVISION

REVISED SITE DEVELOPMENT PLAN

CIVIL MAPS

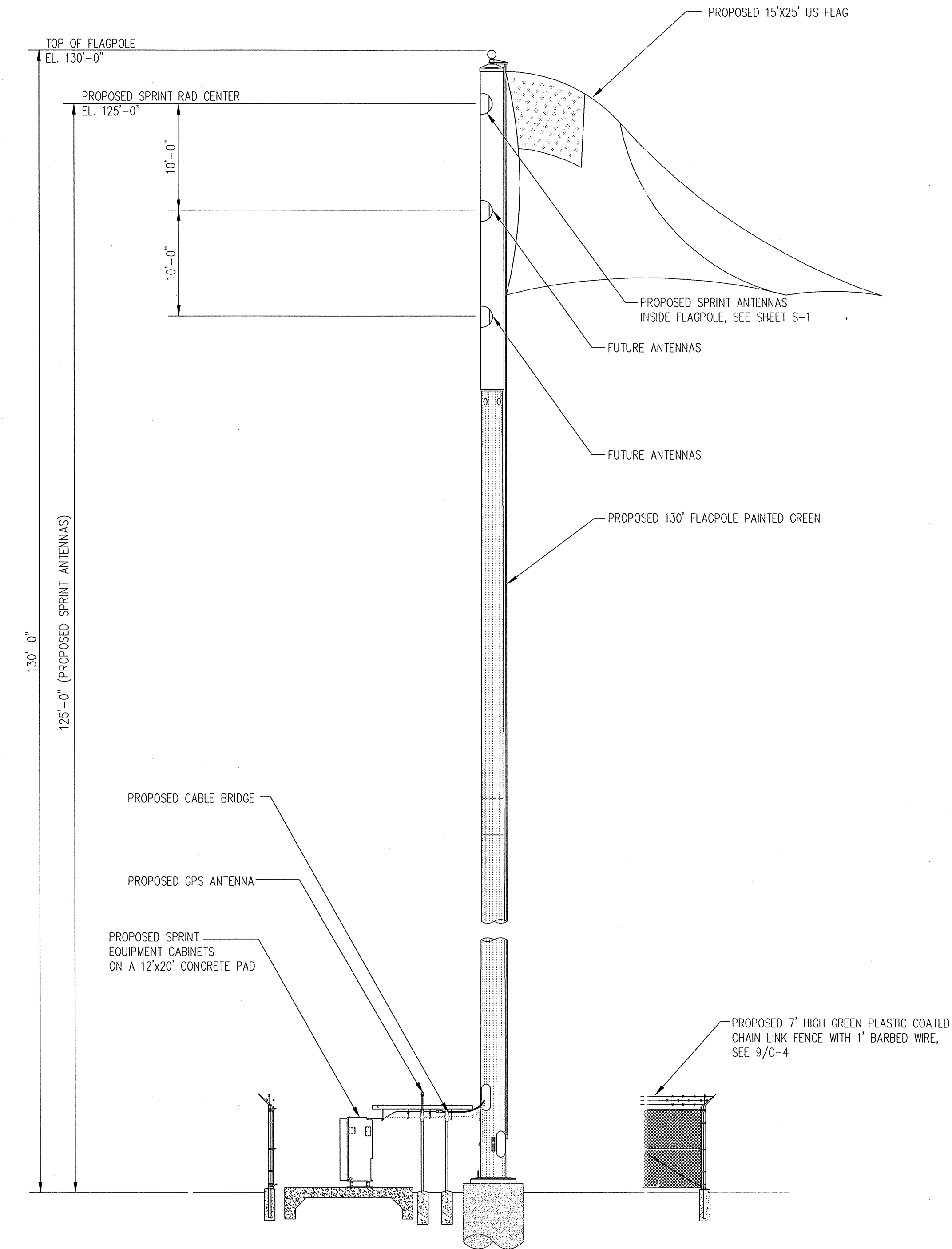
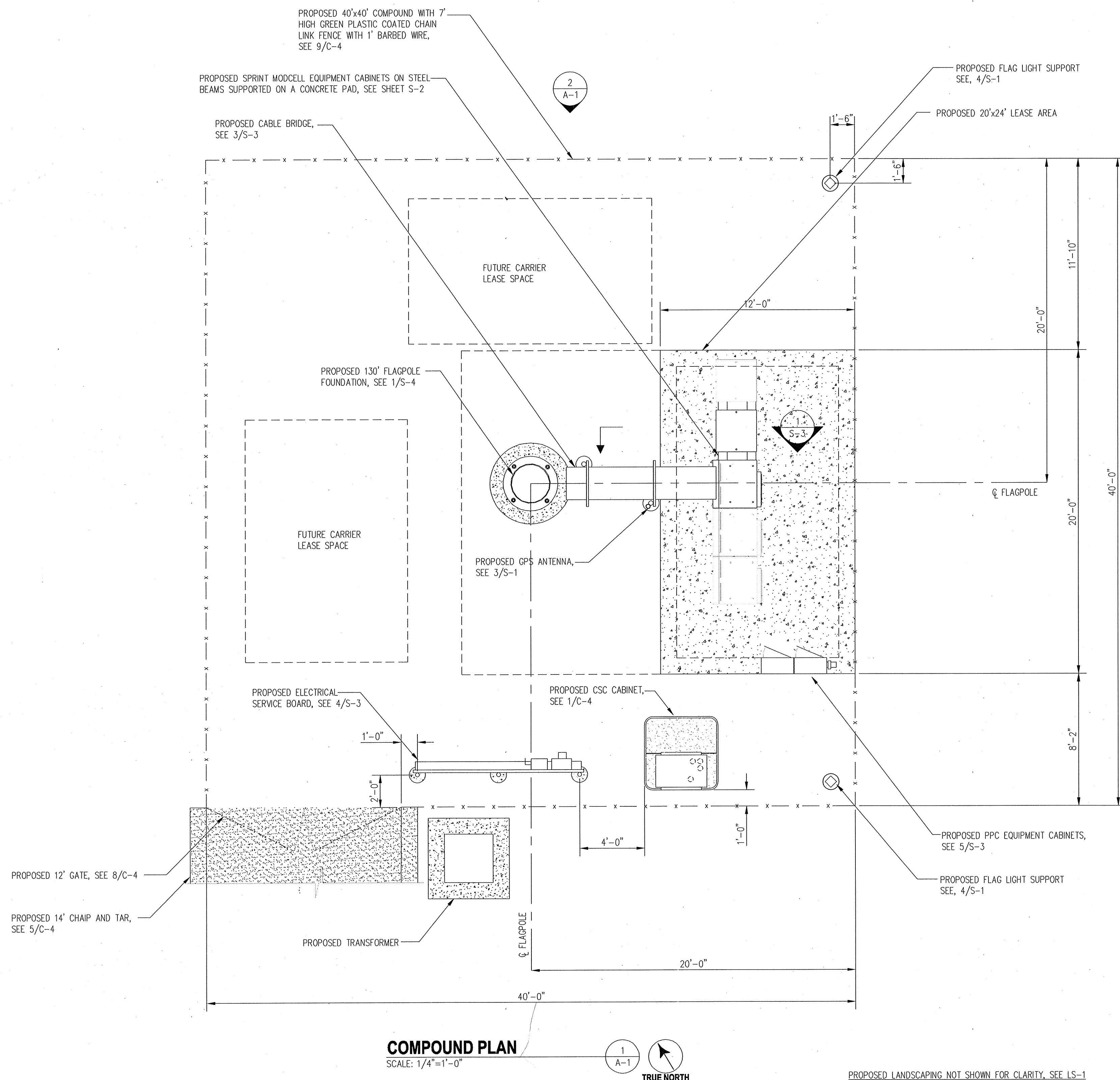
600' SCALE MAP NO. _____ BLOCK NO. _____

**ALPHA RIDGE SOLID WASTE MANAGEMENT CENTER
HOUSEHOLD HAZARDOUS WASTE SITE**

CAPITAL PROJECT NO. C-0190-J
HOWARD COUNTY, MARYLAND
SDP - 94 - 15

C-5
SHEET
9 OF 12

REDLINE #2 SDP 94-15



COMPOUND PLAN
SCALE: 1/4"=1'-0"
1 A-1
TRUE NORTH

FLAGPOLE ELEVATION
SCALE: 1/8"=1'-0"
2 A-1

PROPOSED LANDSCAPING NOT SHOWN FOR CLARITY, SEE LS-1

APPROVALS

APPROVED: DEPARTMENT OF PLANNING AND ZONING

<i>[Signature]</i> CHIEF, DEVELOPMENT ENGINEERING DIVISION	4	11/18/04 DATE
<i>[Signature]</i> CHIEF, DIVISION OF LAND DEVELOPMENT		11/9/04 DATE
<i>[Signature]</i> DIRECTOR		12/6/04 DATE

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

<i>[Signature]</i> DIRECTOR OF PUBLIC WORKS	11/18/04 DATE	<i>[Signature]</i> CHIEF, BUREAU OF ENGINEERING	11/04/04 DATE
<i>[Signature]</i> CHIEF, BUREAU OF ENVIRONMENTAL SERVICES	11/18/04 DATE		

entrex
communication services, inc.
1575 Eye Street, N.W. Suite 350
WASHINGTON, D.C. 20005
PHONE: (202)408-0960
FAX: (202)408-0961

SEAL:
[Professional Engineer Seal]

DES: R.S.		
DRN: R.S.		
CHK: M.M.	MM	SPRINT TELECOMMUNICATION SITE REDLINE 8/21/04
	SH 2	ENGINEER'S SEAL FOR REDLINE 10/8/97
	SH 1	ADD 20'x32' SHELTER 10/8/97
DATE: 8/21/04	BY NO.	REVISION DATE

REVISED SITE DEVELOPMENT PLAN

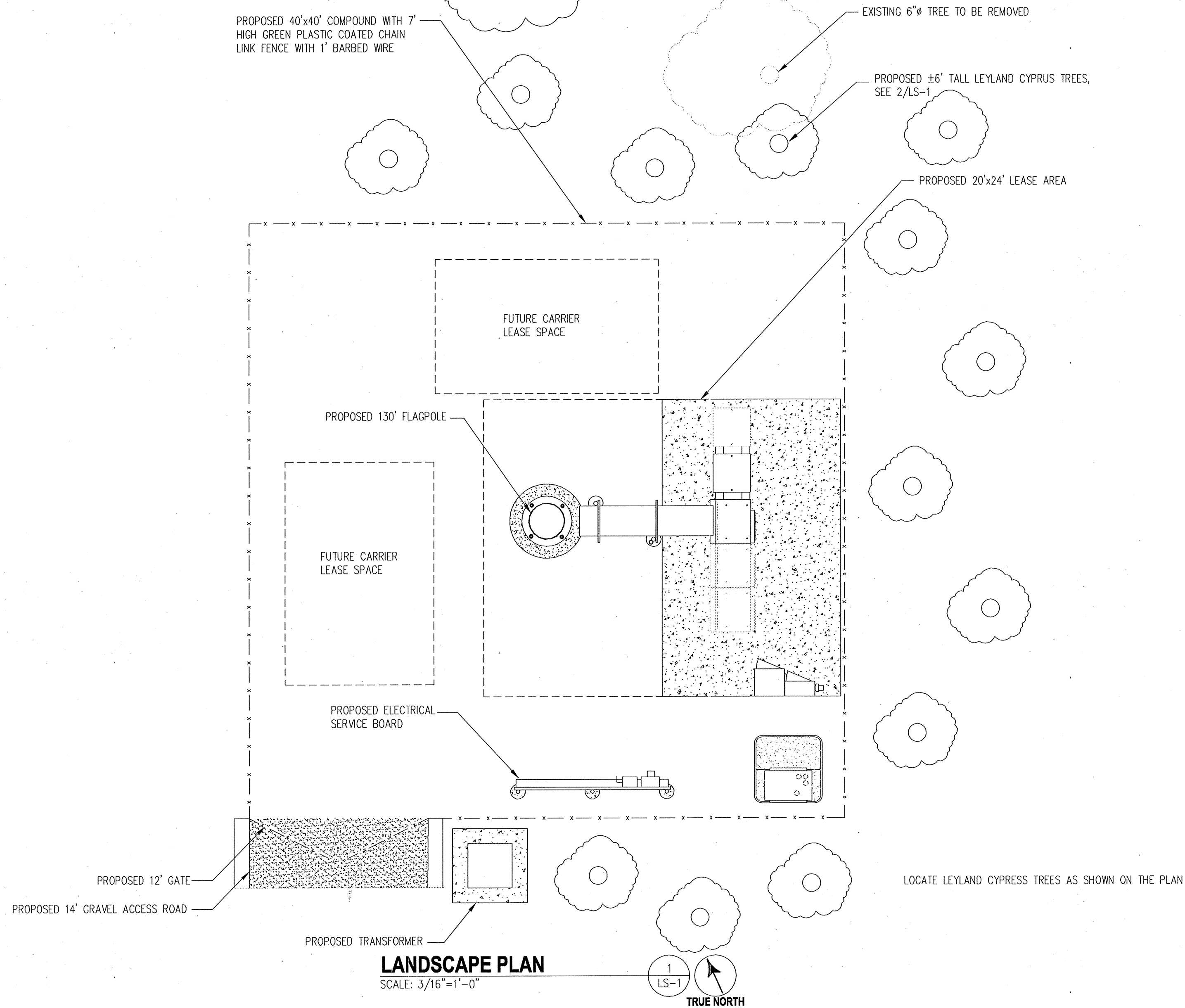
**COMPOUND PLAN AND
FLAGPOLE ELEVATION**

600' SCALE MAP NO. _____ BLOCK NO. _____

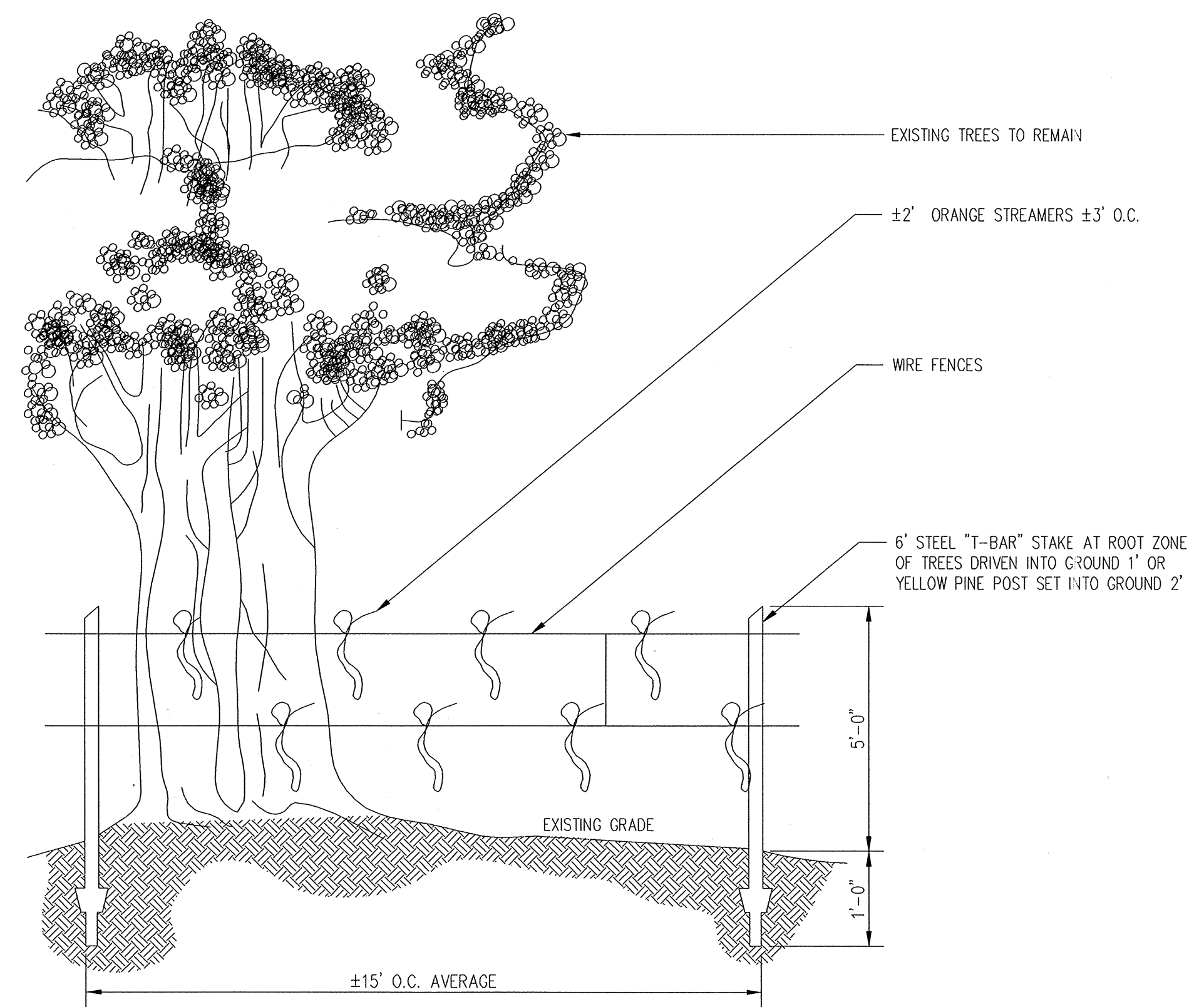
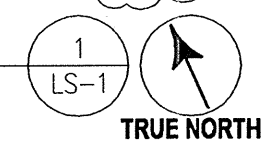
ALPHA RIDGE SOLID WASTE MANAGEMENT CENTER
HOUSEHOLD HAZARDOUS WASTE SITE
CAPITAL PROJECT NO. C-0190-J
HOWARD COUNTY, MARYLAND
SDP - 94 - 15

A-1
SHEET
11 OF 12

REDLINE #2 SDP 94-15

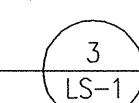


LANDSCAPE PLAN
SCALE: 3/16"=1'-0"

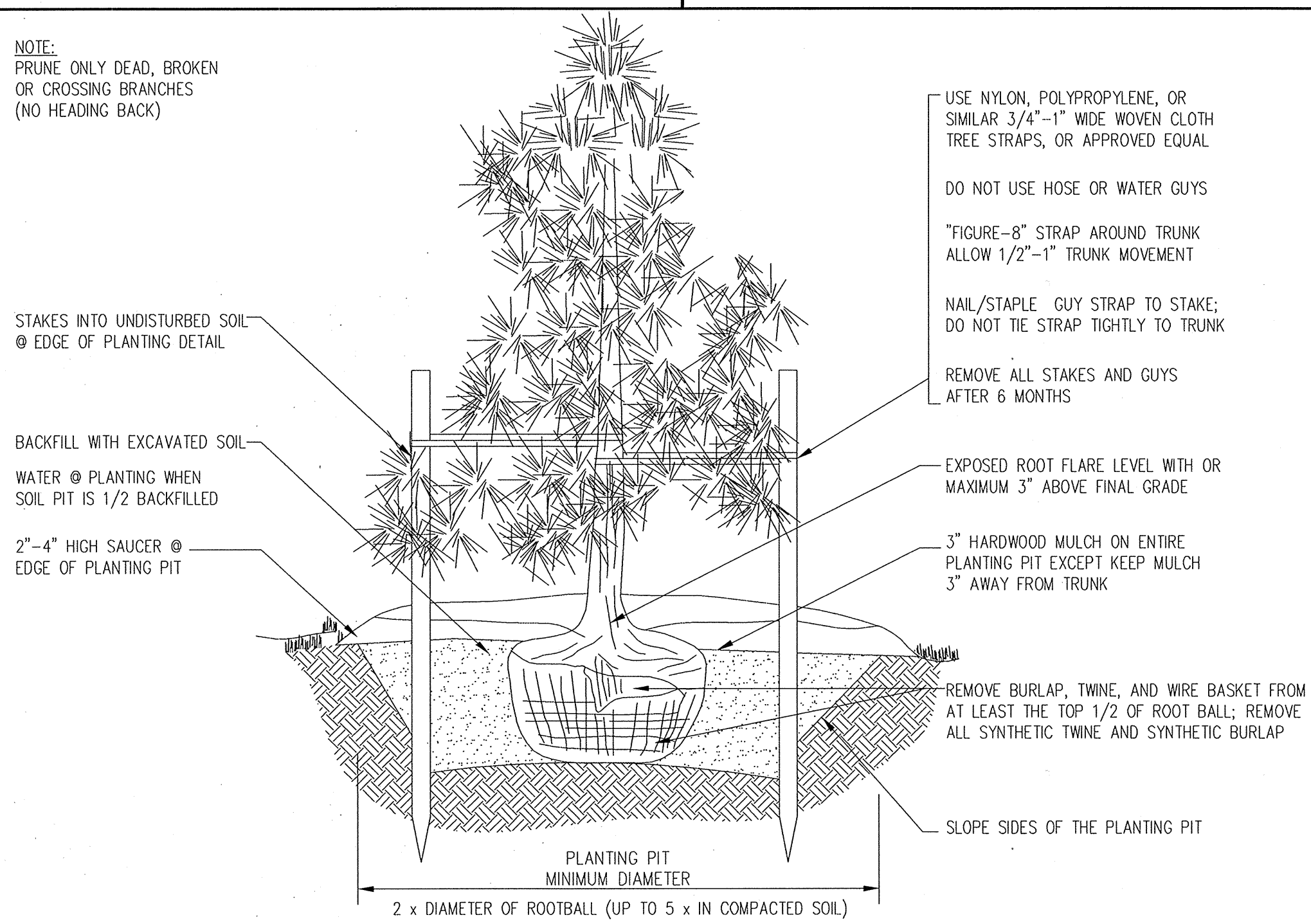


- NOTES:**
1. WIRE FENCE FOR FOREST PROTECTION DEVICE ONLY.
 2. BOUNDARIES OF RETENTION AREA WILL BE ESTABLISHED AS PART OF THE FOREST CONSERVATION PLAN REVIEW PROCESS.
 3. BOUNDARIES OF RETENTION AREA SHOULD BE STAKED AND FLAGGED PRIOR TO INSTALLING DEVICE.
 4. AVOID ROOT DAMAGE WHEN PLACING ANCHOR POSTS.
 5. WIRE SHOULD BE SECURELY ATTACHED TO POST.
 6. DEVICE SHOULD BE PROPERLY MAINTAINED THROUGHOUT CONSTRUCTION.
 7. PROTECTION SIGNS ARE ALSO REQUIRED.

WIRE TREE PROTECTION FENCE DETAIL
SCALE: N.T.S.



NOTE:
PRUNE ONLY DEAD, BROKEN
OR CROSSING BRANCHES
(NO HEADING BACK)



LEYLAND CYPRUS TREE DETAIL
SCALE: N.T.S.

- USE NYLON, POLYPROPYLENE, OR SIMILAR 3/4"-1" WIDE WOVEN CLOTH TREE STRAPS, OR APPROVED EQUAL
- DO NOT USE HOSE OR WATER GUYS
- "FIGURE-8" STRAP AROUND TRUNK ALLOW 1/2"-1" TRUNK MOVEMENT
- NAIL, STAPLE, GUY STRAP TO STAKE, DO NOT TIE STRAP TIGHTLY TO TRUNK
- REMOVE ALL STAKES AND GUYS AFTER 6 MONTHS
- EXPOSED ROOT FLARE LEVEL WITH OR MAXIMUM 3" ABOVE FINAL GRADE
- 3" HARDWOOD MULCH ON ENTIRE PLANTING PIT EXCEPT KEEP MULCH 3" AWAY FROM TRUNK
- REMOVE BURLAP, TWINE, AND WIRE BASKET FROM AT LEAST THE TOP 1/2 OF ROOT BALL; REMOVE ALL SYNTHETIC TWINE AND SYNTHETIC BURLAP
- SLOPE SIDES OF THE PLANTING PIT

TREE PROTECTION NOTES:

TEMPORARY PROTECTION DEVICES SHALL BE MAINTAINED AND INSTALLED BY THE CONTRACTOR FOR THE DURATION OF THE CONSTRUCTION PROJECT AND MUST NOT BE ALTERED WITHOUT PRIOR APPROVAL. NO EQUIPMENT, TRUCKS, MATERIALS, OR DEBRIS MAY BE STORED WITHIN THE TREE PROTECTION FENCE AREAS DURING THE ENTIRE CONSTRUCTION PROJECT. NO ACCESS TO THE FENCED AREA WILL BE PERMITTED. TREE PROTECTION FENCING SHALL NOT BE REMOVED WITHOUT APPROVAL.

AFTER CONSTRUCTION IS COMPLETED, AN INSPECTION SHALL BE REQUESTED. CORRECTIVE MEASURES, WHICH MAY BE REQUIRED, INCLUDE:

- A. REMOVAL AND REPLACEMENT OF DEAD OR DYING TREES.
- B. PRUNING OF DEAD OR DECLINING LIMBS.
- C. SOIL AERATION.
- D. FERTILIZATION.
- E. WATERING.
- F. WOUND REPAIR.
- G. CLEANUP OF RETENTION AREAS.

AFTER COMPLETION OF CONSTRUCTION, ALL TEMPORARY PROTECTION DEVICES SHALL BE REMOVED FROM THE SITE. NO ADDITIONAL GRADING, SCDDING, OR BURIAL OF DEBRIS MAY TAKE PLACE.

APPROVALS

APPROVED: DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION
DATE: 11/10/04

CHIEF, DIVISION OF LAND DEVELOPMENT
DATE: 11/10/04

DIRECTOR
DATE: 11/10/04

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

CHIEF, BUREAU OF ENGINEERING
DATE: 11/18/04

CHIEF, BUREAU OF ENVIRONMENTAL SERVICES
DATE: 11/18/04

entrex
communication services, inc.
1575 Eye Street, N.W. Suite 350
WASHINGTON, D.C. 20005
PHONE: (202) 408-0960
FAX: (202) 408-0961

SEAL: STATE OF MARYLAND PROFESSIONAL ENGINEER

DES:	R.S.		
DRN:	R.S.		
CHK:	M.M.	MM	SPRINT TELECOMMUNICATION SITE REDLINE 8/21/04
		SH 2	ENGINEER'S SEAL FOR REDLINE 10/8/97
		SH 1	ADD 20'x32' SHELTER 10/8/97
DATE:	8/21/04	BY	NO.
			REVISION

REVISED SITE DEVELOPMENT PLAN

LANDSCAPE PLAN AND TREE PROTECTION DETAILS

600' SCALE MAP NO. _____ BLOCK NO. _____

ALPHA RIDGE SOLID WASTE MANAGEMENT CENTER
HOUSEHOLD HAZARDOUS WASTE SITE
CAPITAL PROJECT NO. C-0190-J
HOWARD COUNTY, MARYLAND
SDP - 94 - 15

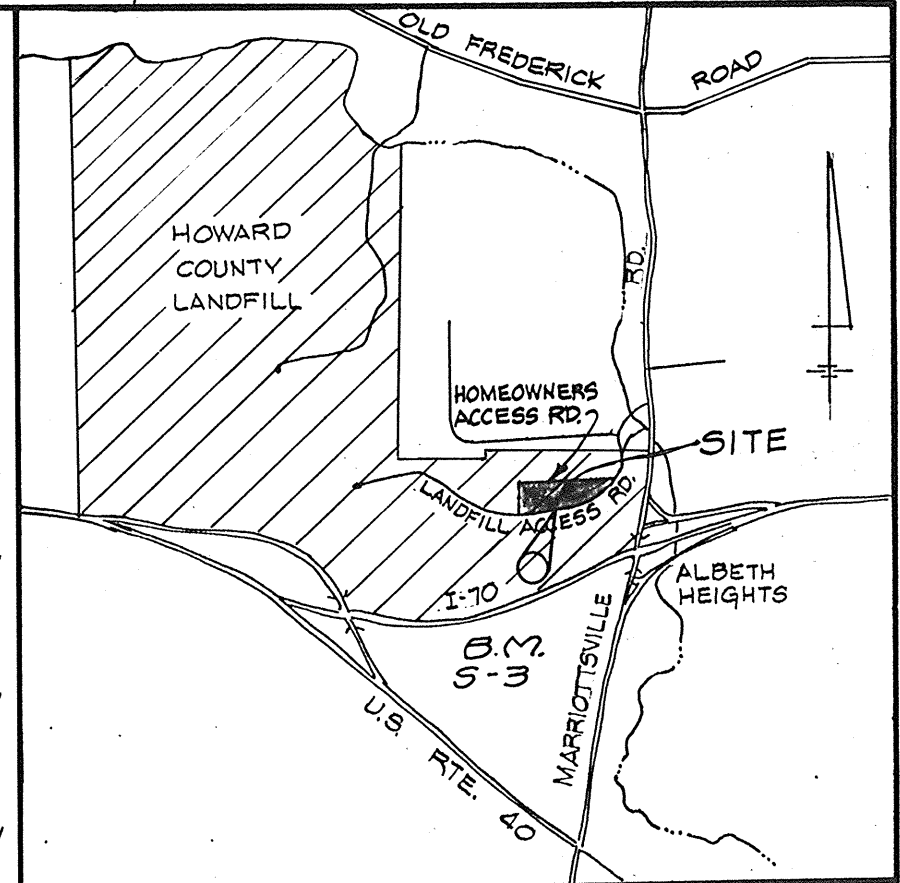
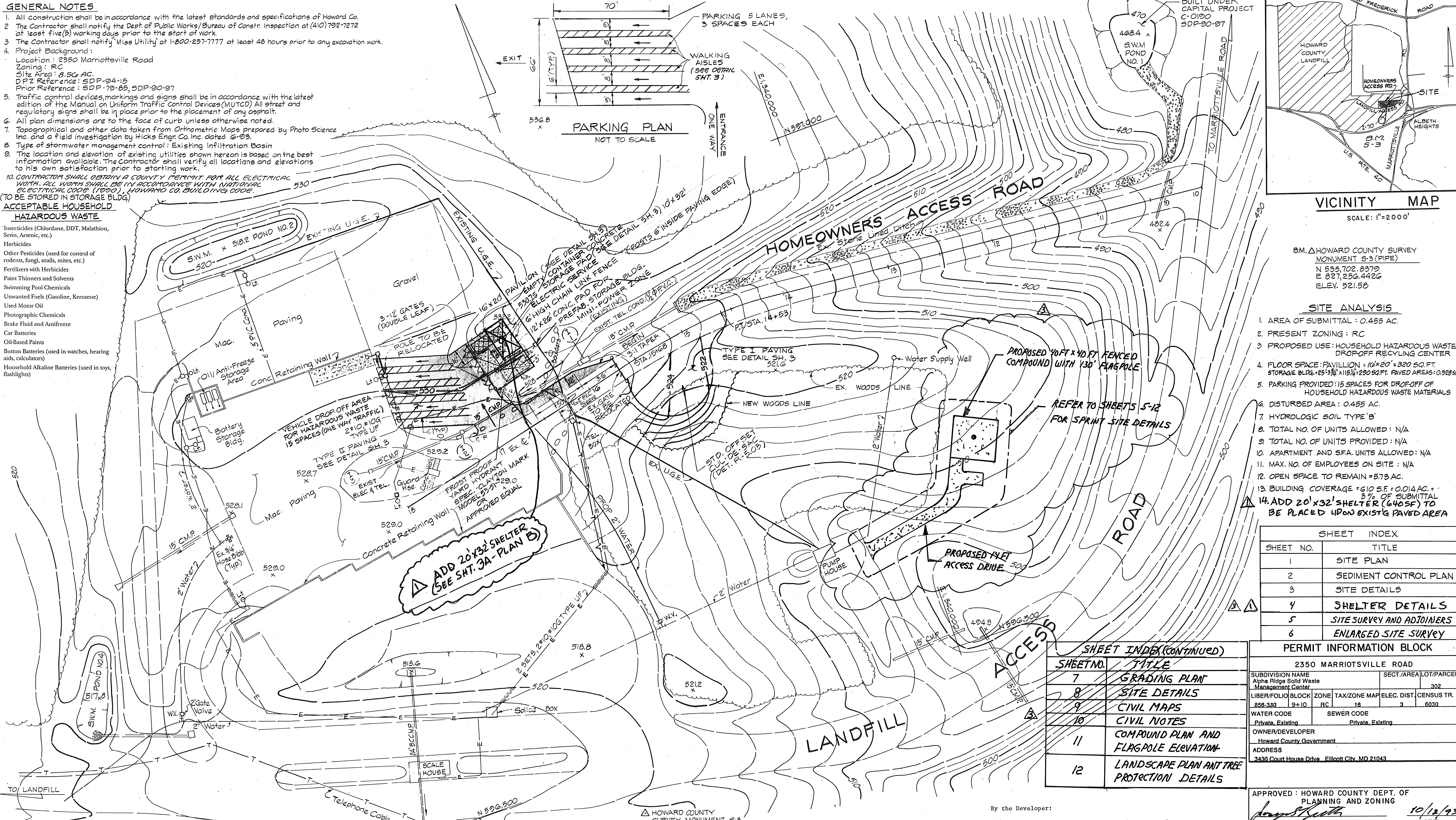
LS-1
SHEET 12 OF 12

GENERAL NOTES

- 1. All construction shall be in accordance with the latest standards and specifications of Howard Co.
2. The Contractor shall notify the Dept of Public Works/Bureau of Constr. Inspection at (410)792-7272 at least five(5) working days prior to the start of work.
3. The Contractor shall notify 'Miss Utility' at 1-800-257-7777 at least 48 hours prior to any excavation work.
4. Project Background:
Location: 2350 Marriottsville Road
Zoning: RC
Site Area: 8.56 AC
D.P.Z. Reference: SDP-94-15
Prior Reference: SDP-79-85, SDP-90-97
5. Traffic control devices, markings and signs 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.
6. All plan dimensions are to the face of curb unless otherwise noted.
7. Topographical and other data taken from Orthometric Maps prepared by Photo Science Inc and a field investigation by Hicks Engr. Co. Inc. dated 6-29.
8. Type of stormwater management control: Existing Infiltration Basin
9. The location and elevation of existing utilities shown hereon is based on the best information available. The Contractor shall verify all locations and elevations to his own satisfaction prior to starting work.
10. CONTRACTOR SHALL OBTAIN A COUNTY PERMIT FOR ALL ELECTRICAL WORK. ALL WORK SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE (1990), HOWARD CO. BUILDING CODE (TO BE STORED IN STORAGE BLDG.)

HAZARDOUS WASTE

- Insecticides (Chlordane, DDT, Malathion, Sevin, Arsenic, etc.)
Herbicides
Other Pesticides (used for control of rodents, fungi, snails, mites, etc.)
Fertilizers with Herbicides
Paint Thinners and Solvents
Swimming Pool Chemicals
Unwanted Fuels (Gasoline, Kerosene)
Used Motor Oil
Photographic Chemicals
Brake Fluid and Antifreeze
Car Batteries
Oil-Based Paints
Button Batteries (used in watches, hearing aids, calculators)
Household Alkaline Batteries (used in toys, flashlights)



VICINITY MAP

SCALE: 1"=200'
B.M. HOWARD COUNTY SURVEY MONUMENT S-3 (PIPE)
N 535.702, 8379
E 827,256,4426
ELEV. 521.58

SITE ANALYSIS

- 1. AREA OF SUBMITTAL: 0.455 AC.
2. PRESENT ZONING: RC
3. PROPOSED USE: HOUSEHOLD HAZARDOUS WASTE DROP-OFF RECYCLING CENTER
4. FLOOR SPACE: PAVILLION: 10'x20' = 320 SQ.FT. STORAGE BLDG.: 25'x34' x 118' = 280 SQ.FT. PAVED AREAS: 0.928 AC.
5. PARKING PROVIDED: 15 SPACES FOR DROP-OFF OF HOUSEHOLD HAZARDOUS WASTE MATERIALS
6. DISTURBED AREA: 0.455 AC.
7. HYDROLOGIC SOIL TYPE 'B'
8. TOTAL NO. OF UNITS ALLOWED: N/A
9. TOTAL NO. OF UNITS PROVIDED: N/A
10. APARTMENT AND S.F.A. UNITS ALLOWED: N/A
11. MAX. NO. OF EMPLOYEES ON SITE: N/A
12. OPEN SPACE TO REMAIN = 573 AC.
13. BUILDING COVERAGE = 610 SF = 0.014 AC. = 3% OF SUBMITTAL
14. ADD 20'x32' SHELTER (640 SF) TO BE PLACED UPON EXISTG PAVED AREA

Table with 2 columns: SHEET NO. and TITLE. Rows include: 1 SITE PLAN, 2 SEDIMENT CONTROL PLAN, 3 SITE DETAILS, 4 SHELTER DETAILS, 5 SITE SURVEY AND ADJOINERS, 6 ENLARGED SITE SURVEY.

PERMIT INFORMATION BLOCK

Table with 2 columns: SUBDIVISION NAME and SECT./AREA/LOT/PARCEL. Includes details for Alpha Ridge Solid Waste Management Center.

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING
PLANNING DIRECTOR: Gina Johnson
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH: com
APPROVED: FOR PRIVATE WATER AND IRRIGATE SEWERAGE SYSTEMS: HOWARD COUNTY HEALTH DEPARTMENT

11. THE DESIGN AND OPERATION OF THE TELECOMMUNICATIONS TOWER AND EQUIPMENT SHEDS SHALL COMPLY WITH SECTION 128.E.3 OF THE ZONING REGULATIONS

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
This Construction Plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
DIRECTOR OF PUBLIC WORKS: James J. Shaw
CHIEF, BUREAU OF ENGINEERING: Paul D. Sporn

HICKS ENGINEERING CO., INC.
ENGINEERS - SURVEYORS - PLANNERS
200 E. JOPPA ROAD - SUITE 402
TOWSON, MARYLAND 21286

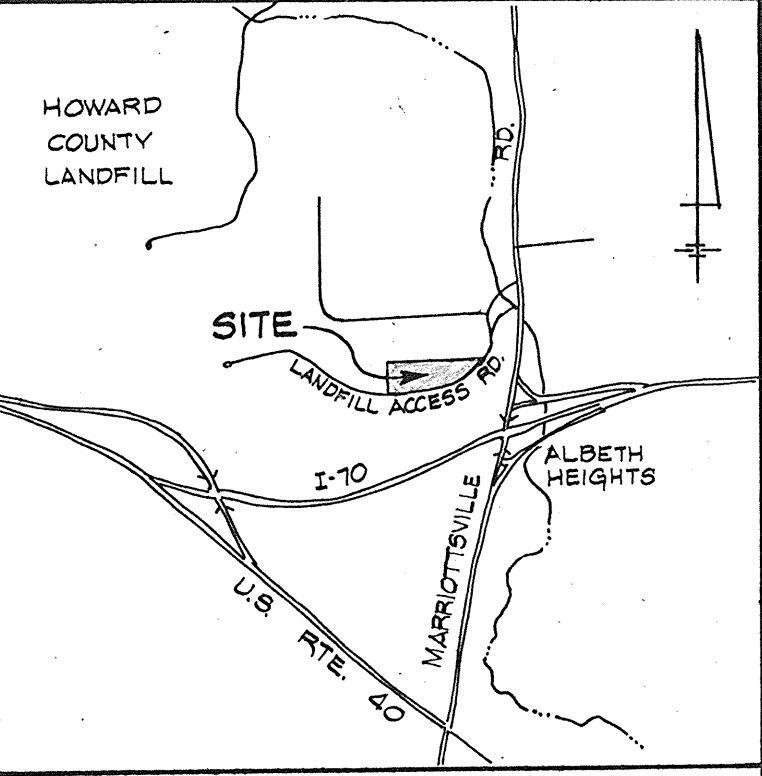
PLAN SCALE: 1"=40'
Signature of Engineer: John J. O'Hara

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.
Signature of Developer: John J. O'Hara

Table with 4 columns: DES., DRN., CHK., DATE. Includes revision notes for SPRINT TELECOMMUNICATION SITE REDLINE and ADD 20'x32' SHELTER.

SITE DEVELOPMENT PLAN
600' SCALE MAP NO. BLOCK NO.

ALPHA RIDGE SOLID WASTE MANAGEMENT CENTER
HOUSEHOLD HAZARDOUS WASTE SITE
CAPITAL PROJECT NO. C-0190-J
HOWARD COUNTY, MARYLAND
SHEET 1 OF 12



VICINITY MAP
SCALE: 1"=2000'

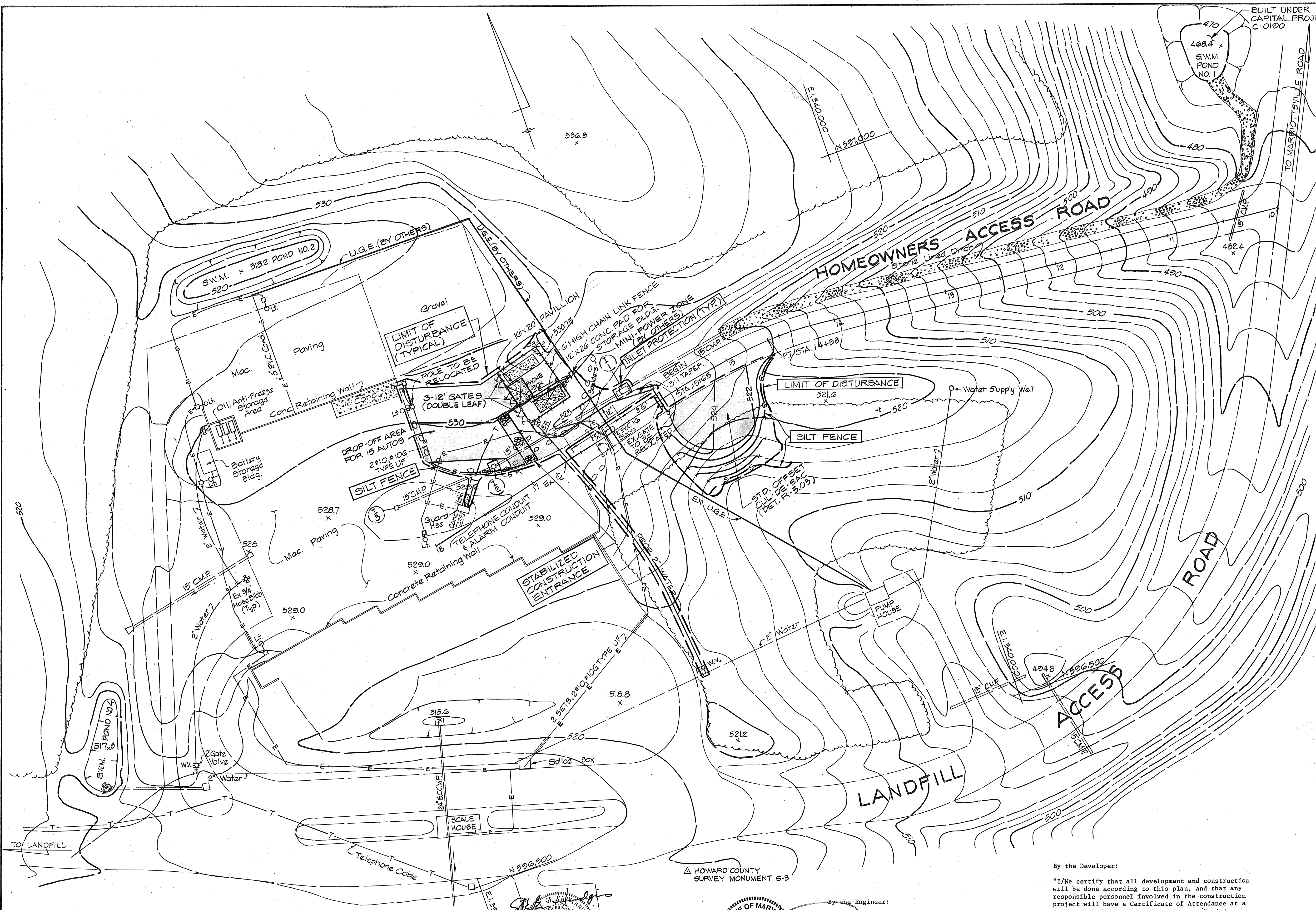
△ HOWARD COUNTY SURVEY MONUMENT 8-3 (PIPE)
N 535.702, 8370
E 827, 256, 4426
ELEV. 521.58

SEQUENCE OF OPERATIONS

1. NOTIFY HOWARD COUNTY DEPARTMENT OF LICENSES & PERMITS 48 HOURS PRIOR TO COMMENSING WORK.
2. CLEAR & GRUB AS REQUIRED FOR INSTALLATION OF SEDIMENT CONTROL MEASURES ONLY.
3. INSTALL SILT FENCE, STABILIZED CONSTRUCTION ENTRANCE AND STONE OUTLET STRUCTURE.
4. ROUGH GRADE WORK AREA. INSTALL BASE COURSE FOR PAVED AREAS.
5. CONSTRUCT PAVILLION, STORAGE BUILDING, AND INSTALL 2" INCH WATER SERVICE, ELECTRIC AND TELEPHONE.
6. INSTALL PAVING AND FINE GRADE.
7. STABILIZE DISTURBED AREAS WITH PERMANENT SEEDING.
8. UPON PERMISSION FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL DEVICES AND STABILIZE.

SUBDIVISION NAME Alpha Ridge Solid Waste Management Center		SECT./AREA/LOT/PARCEL 302
LIBER/FOLIO/BLOCK 856-380		ZONE/TAX/ZONE MAP/ELEC. DIST./CENSUS TR. R 16 3 6030
WATER CODE Private, Existing	SEWER CODE Private, Existing	
OWNER/DEVELOPER Howard County Government		
ADDRESS 3430 Court House Drive - Ellicott City, MD 21043		

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING
August Kulla 10/12/93
PLANNING DIRECTOR DATE
Gina Jannmann 10/5/93
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE
APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
J. Paul Ross 9-29-93
COUNTY HEALTH OFFICER DATE



REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
J. C. Landfield 10/1/93
U.S. SOIL CONSERVATION SERVICE DATE

This Construction Plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District
APPROVED: *Mark J. Solis* 10/1/93
HOWARD S.C.D. DATE

John J. O'Hara
PROFESSIONAL ENGINEER
STATE OF MARYLAND

PLAN
SCALE: 1"=40'

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."
James E. Nichols, P.E. 7/29/93
Signature of 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 Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District."
John J. O'Hara 9/21/93
Signature of Developer Date

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
James P. Shum 9/16/93
DIRECTOR OF PUBLIC WORKS DATE
John J. O'Hara 1/21/93
CHIEF, BUREAU OF ENVIRONMENTAL SERVICES DATE

HICKS ENGINEERING CO., INC.
ENGINEERS - SURVEYORS - PLANNERS
200 E. JOPPA ROAD - SUITE 402
TOWSON, MARYLAND 21286

DES: E.A.S.			
DRN: F.W.			
CHK: D.E.H.	MM	SPRINT TELECOMMUNICATION SITE REDLINE	8-21-94
DATE: 7-1-93	SH	ENGINEER'S SEAL FOR REDLINE	10-8-97
BY NO.		REVISION	DATE

SEDIMENT CONTROL PLAN
600' SCALE MAP NO. _____ BLOCK NO. _____

ALPHA RIDGE SOLID WASTE MANAGEMENT CENTER
HOUSEHOLD HAZARDOUS WASTE SITE
CAPITAL PROJECT NO. C-0190-J
HOWARD COUNTY, MARYLAND
SCALE AS SHOWN
SHEET 2 OF 12

SEDIMENT CONTROL NOTES

- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION. (992-2455).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, BIKES, 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 SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND MAINTAINED UNLESS OTHERWISE SPECIFIED IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
- 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 SEDIMENT CONTROL FOR PERMANENT SEEDINGS (SEC. 513 SDB (83)).
- TEMPORARY SEEDING (SEC. 50) AND MULCHING (SEC. 52) TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE UNLESS OTHERWISE SPECIFIED. DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SITE ANALYSIS:
 - TOTAL AREA OF SITE: 0.995 ACRES
 - AREA DISTURBED: 0.995 ACRES
 - AREA TO BE MAINTAINED OR PAVED: 0.200 ACRES
 - AREA TO BE VEGETATIVELY STABILIZED: 0.795 ACRES
 - TOTAL CUT: 800 CU. YDS.
 - TOTAL FILL: 800 CU. YDS.
- OFFSITE WASTE/BORROW AREA LOCATION ---
- 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 CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DPW SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.

PERMANENT SEEDING NOTES

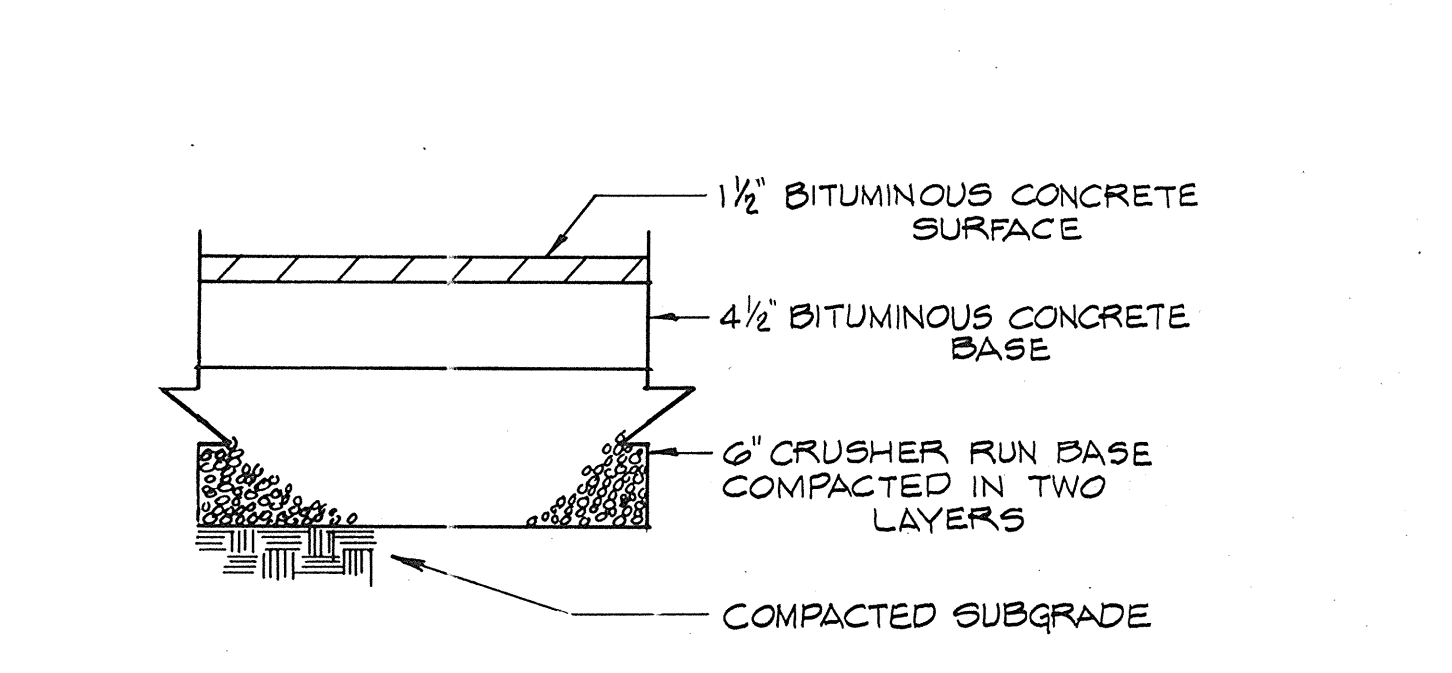
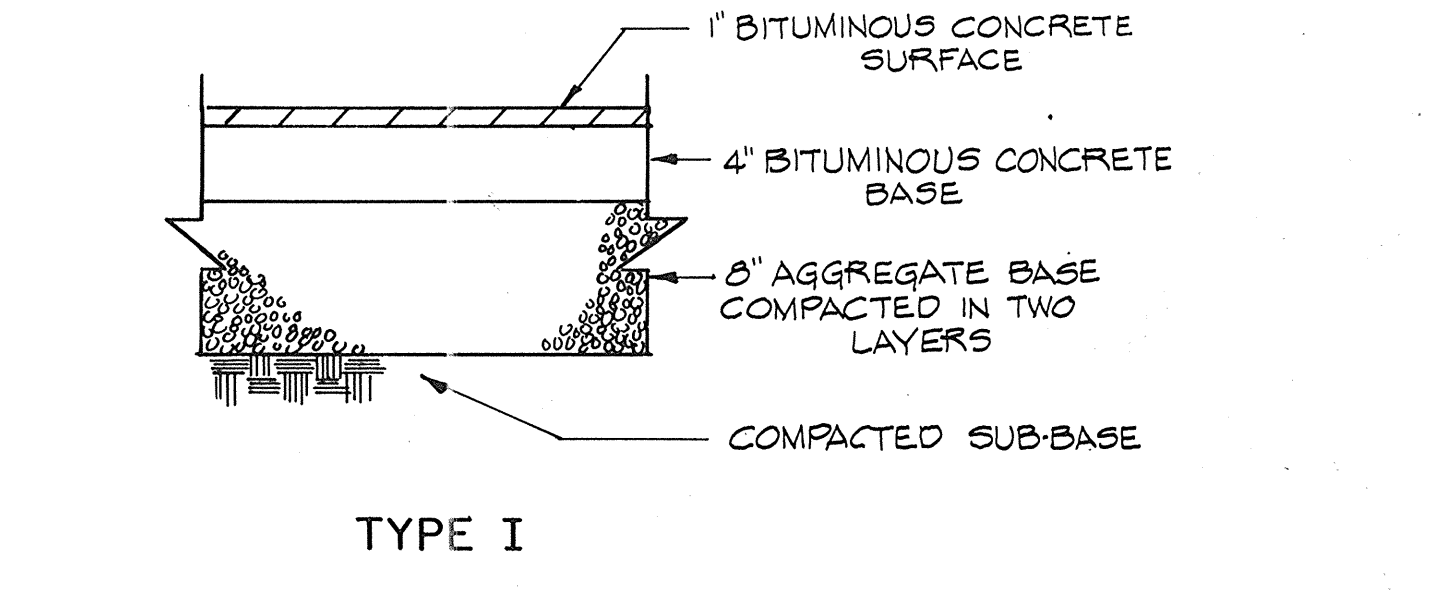
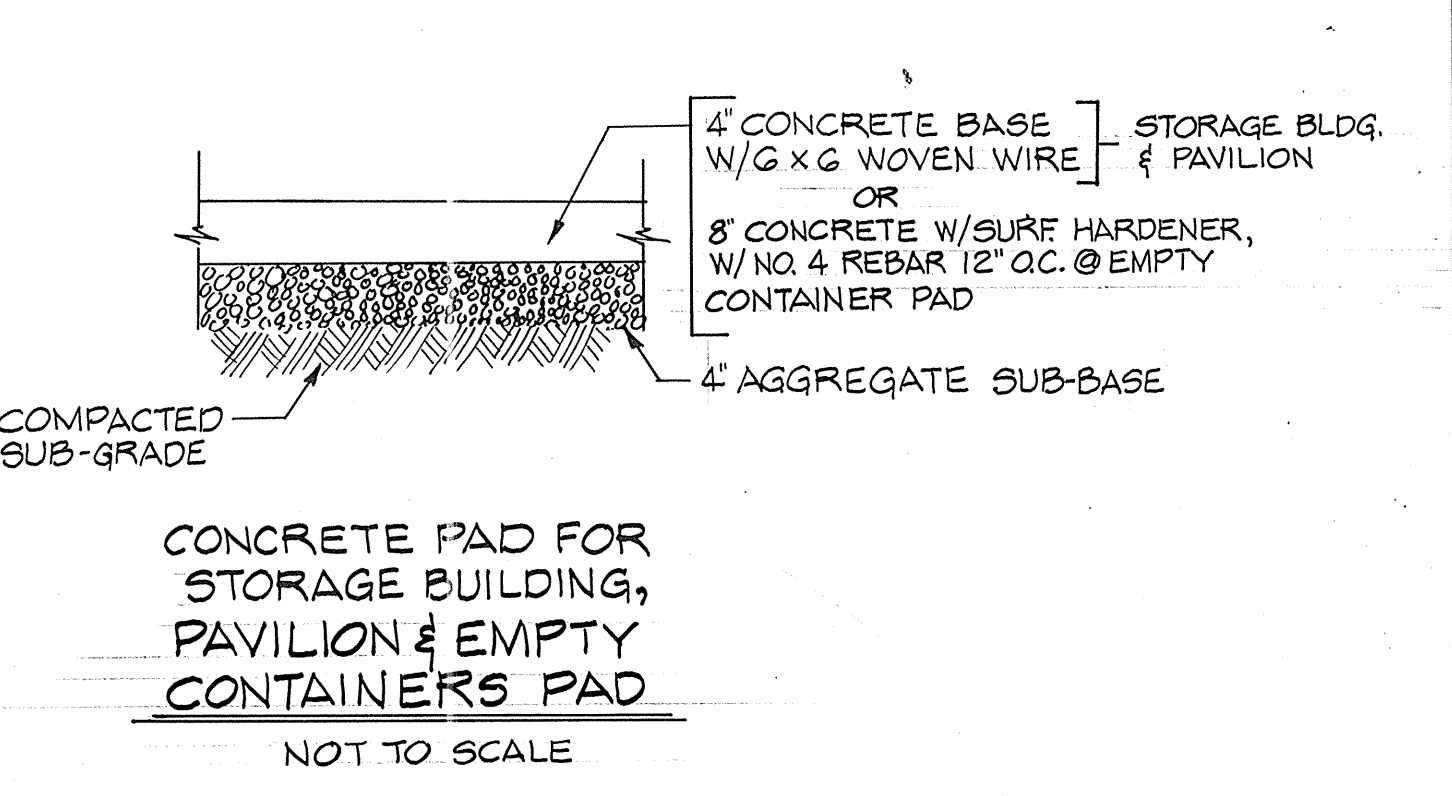
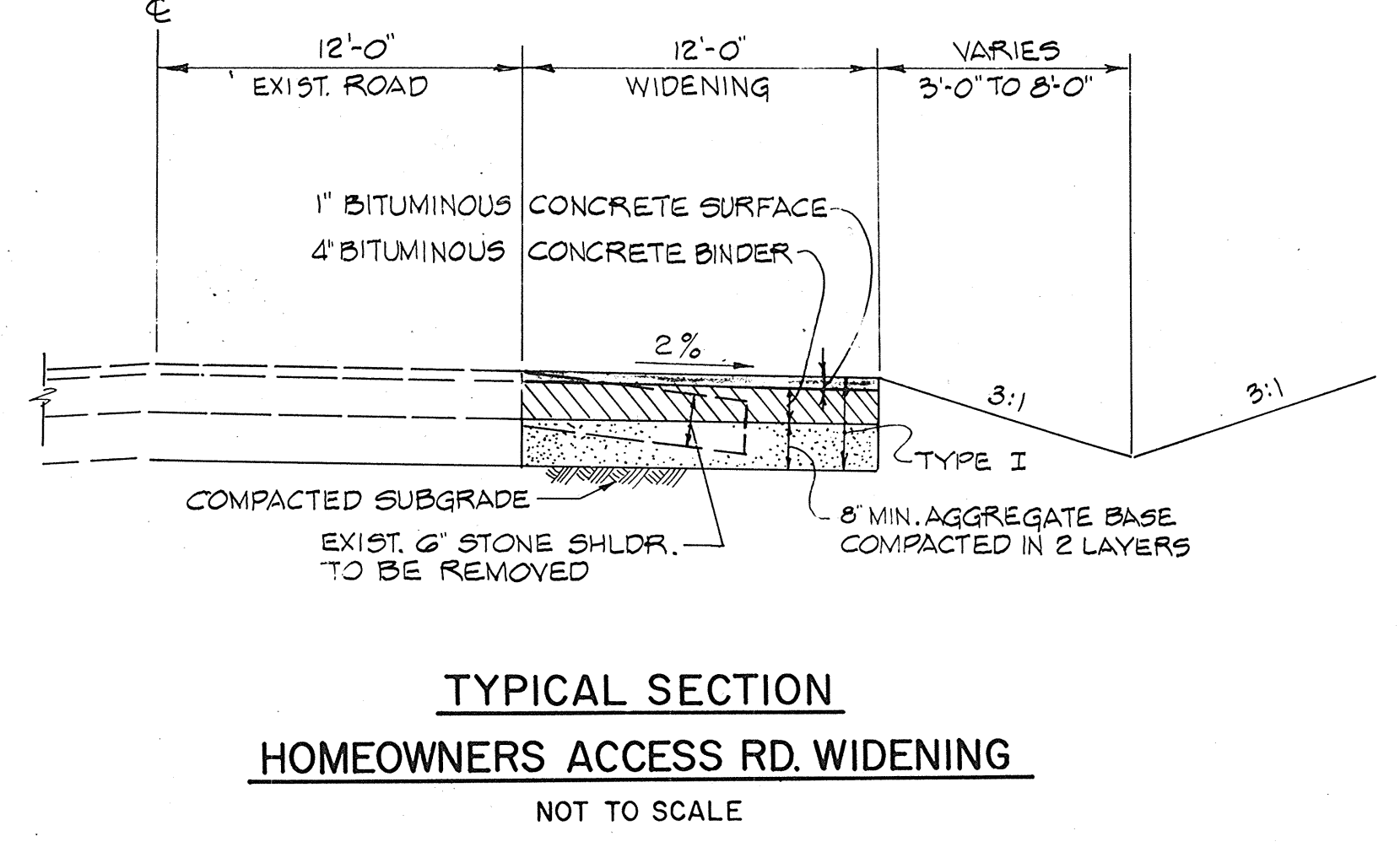
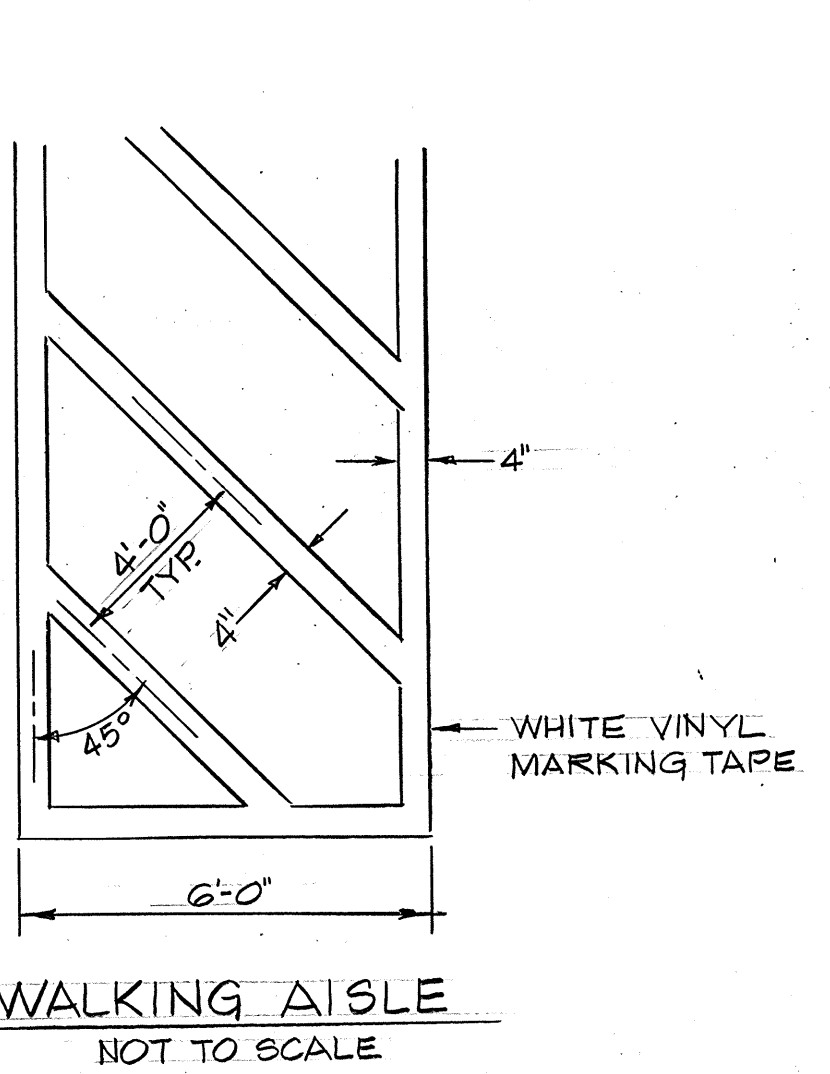
- APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE AND A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.
- SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
- SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEMES:
- PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS/1000 SQ. FT.).
 - ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (21 LBS/1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.
- SEEDING - FOR THE PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 1 THRU OCTOBER 15, SEED WITH 20 LBS PER ACRE (1.4 LBS/1000 SQ. FT.) OF ANNUAL RYE (1.2 LBS/1000 SQ. FT.). FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS KENTUCKY 31 TALL FESCUE PER ACRE (6 LBS/1000 SQ. FT.) OF KEEPING LONGLEGS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 29, PROTECT SITE BY: OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MAINTAIN WITH 2 TONS/ACRE WELL ANCHORED STRAW.

RESEEDING - APPLY 14 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROOTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 GALLONS PER ACRE (5 GAL/1000 SQ. FT.) OF UNLIFTED ASPHALT ON FLAT AREAS, OR SLOPES 8 FEET OR HIGHER, USE 340 GALLONS PER ACRE (6 GAL/1000 SQ. FT.) FOR ANCHORING.

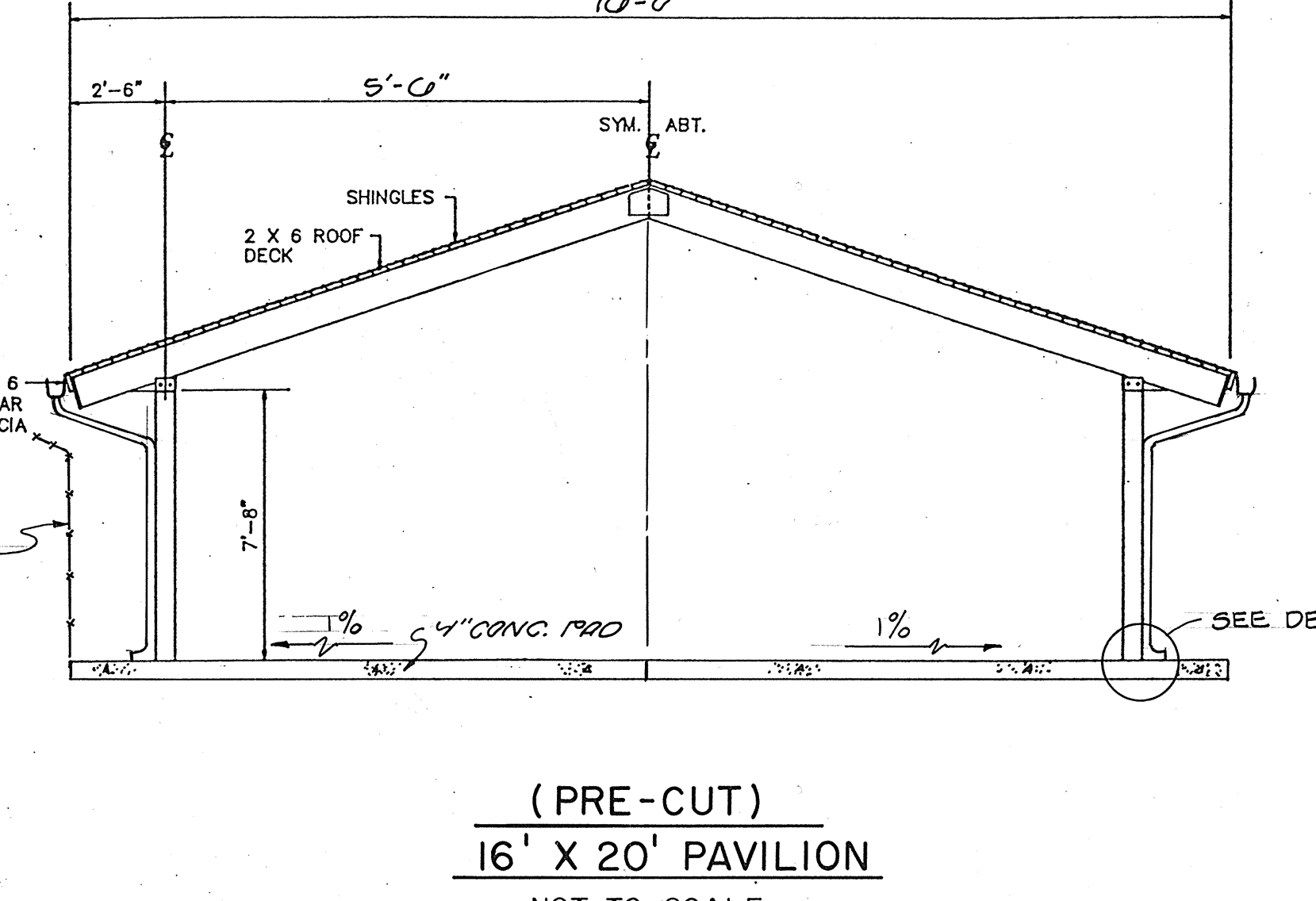
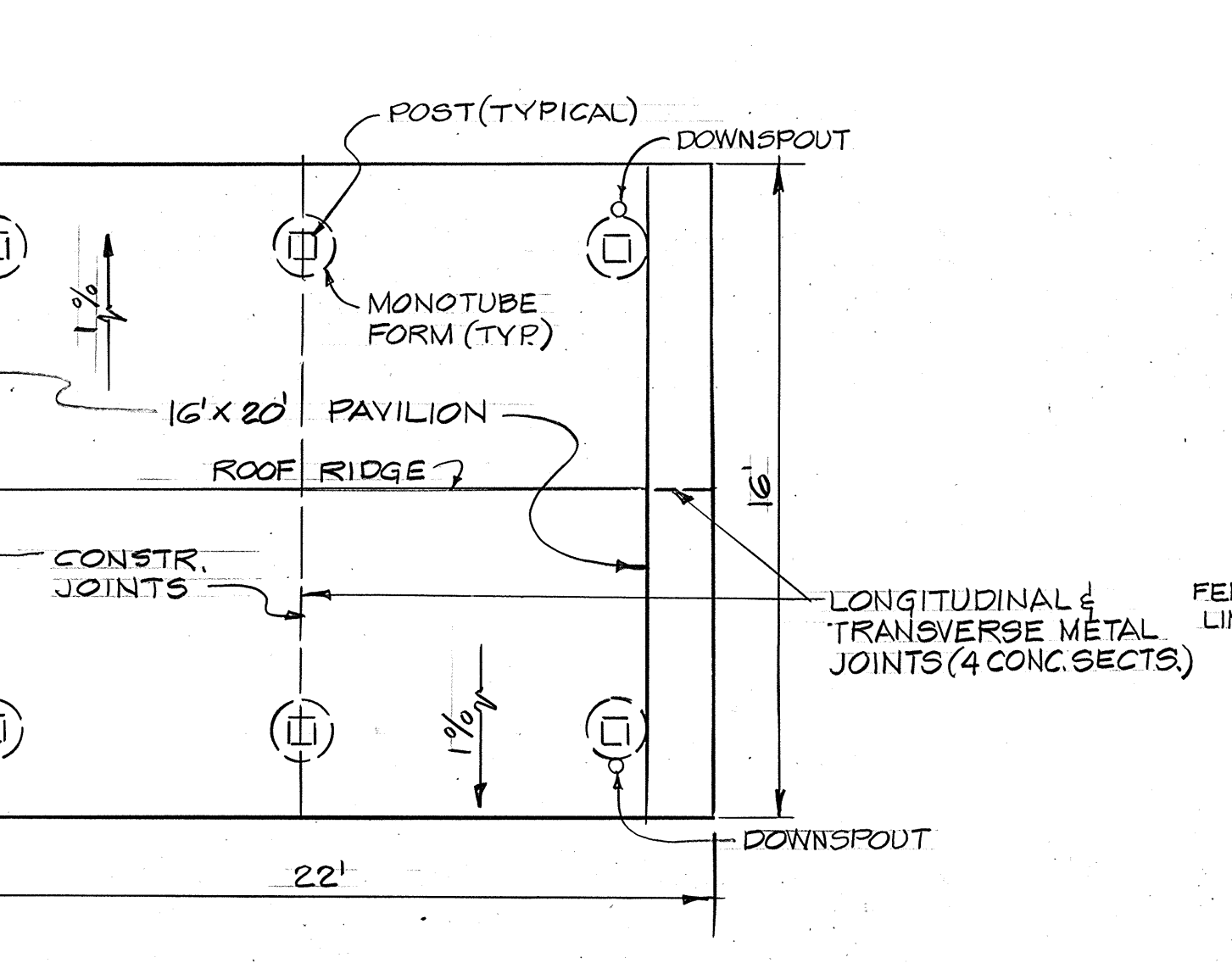
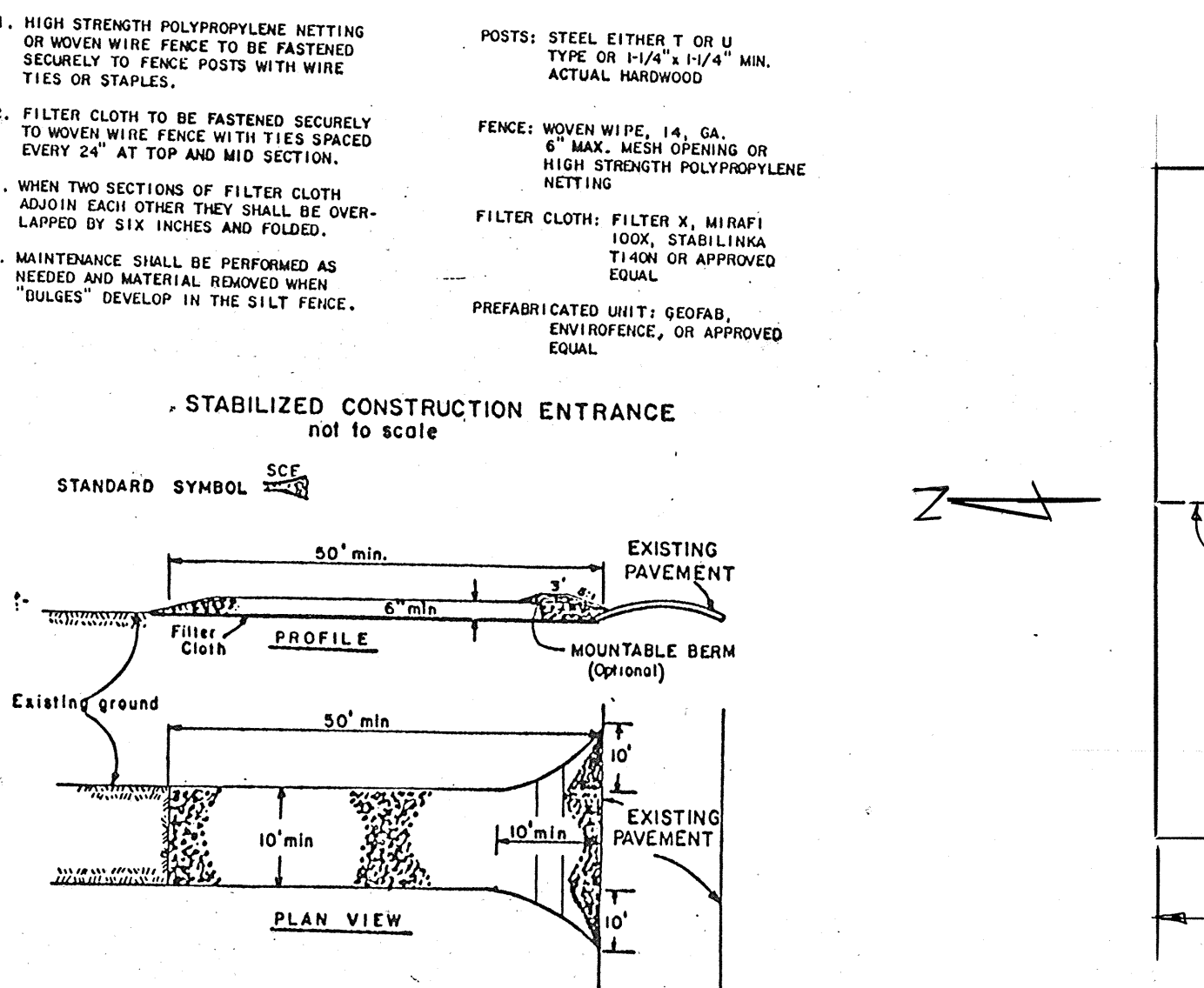
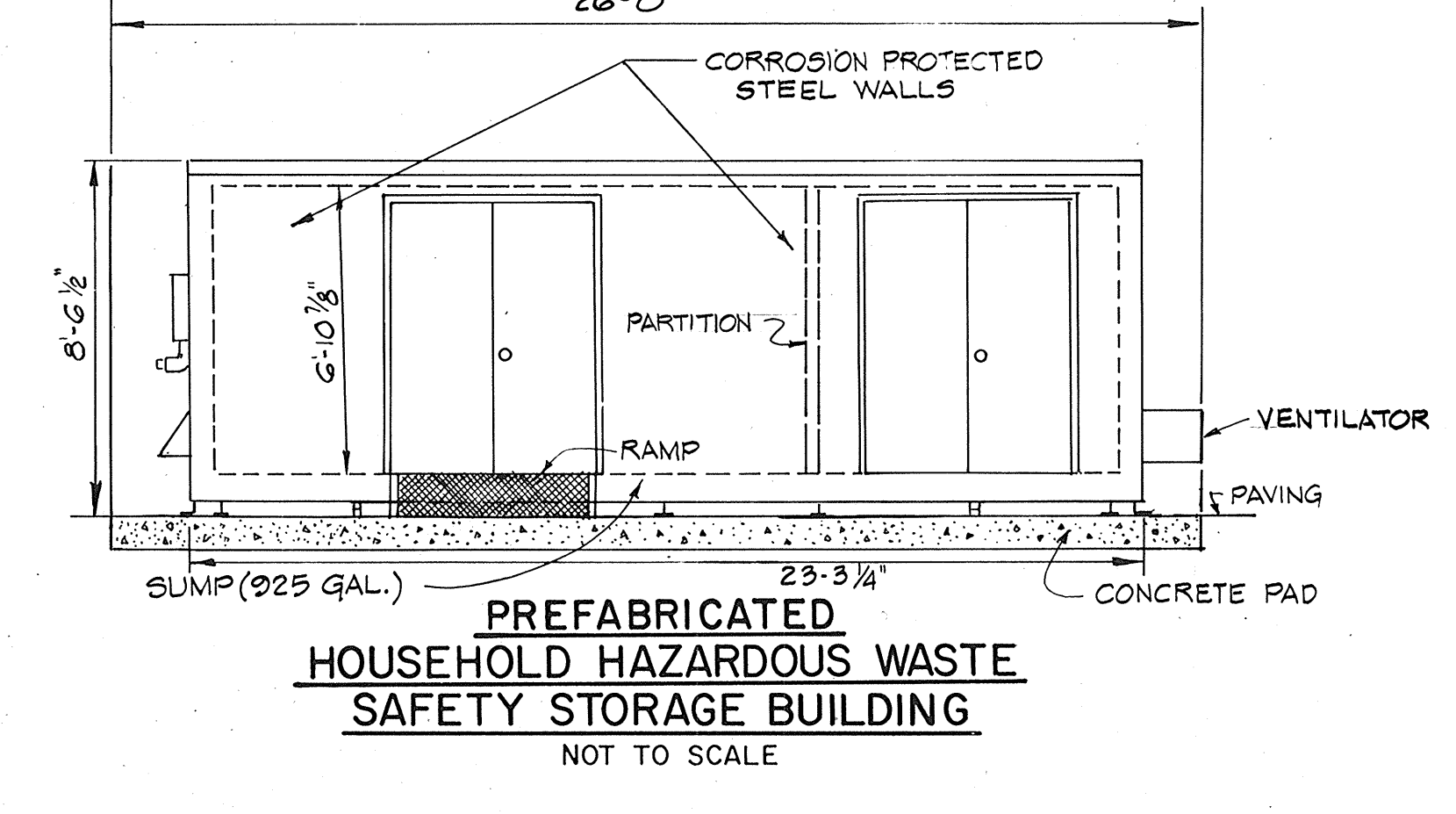
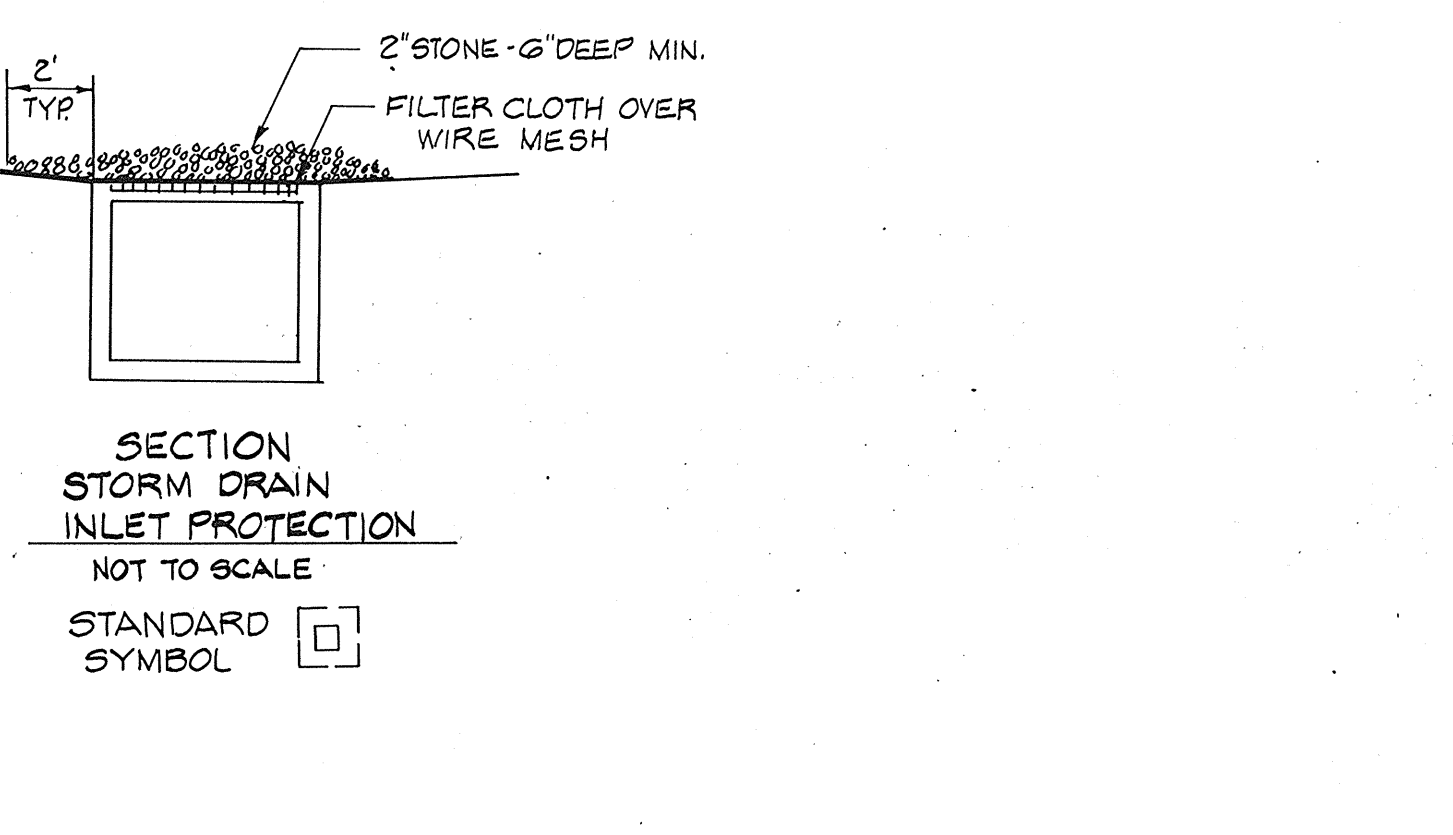
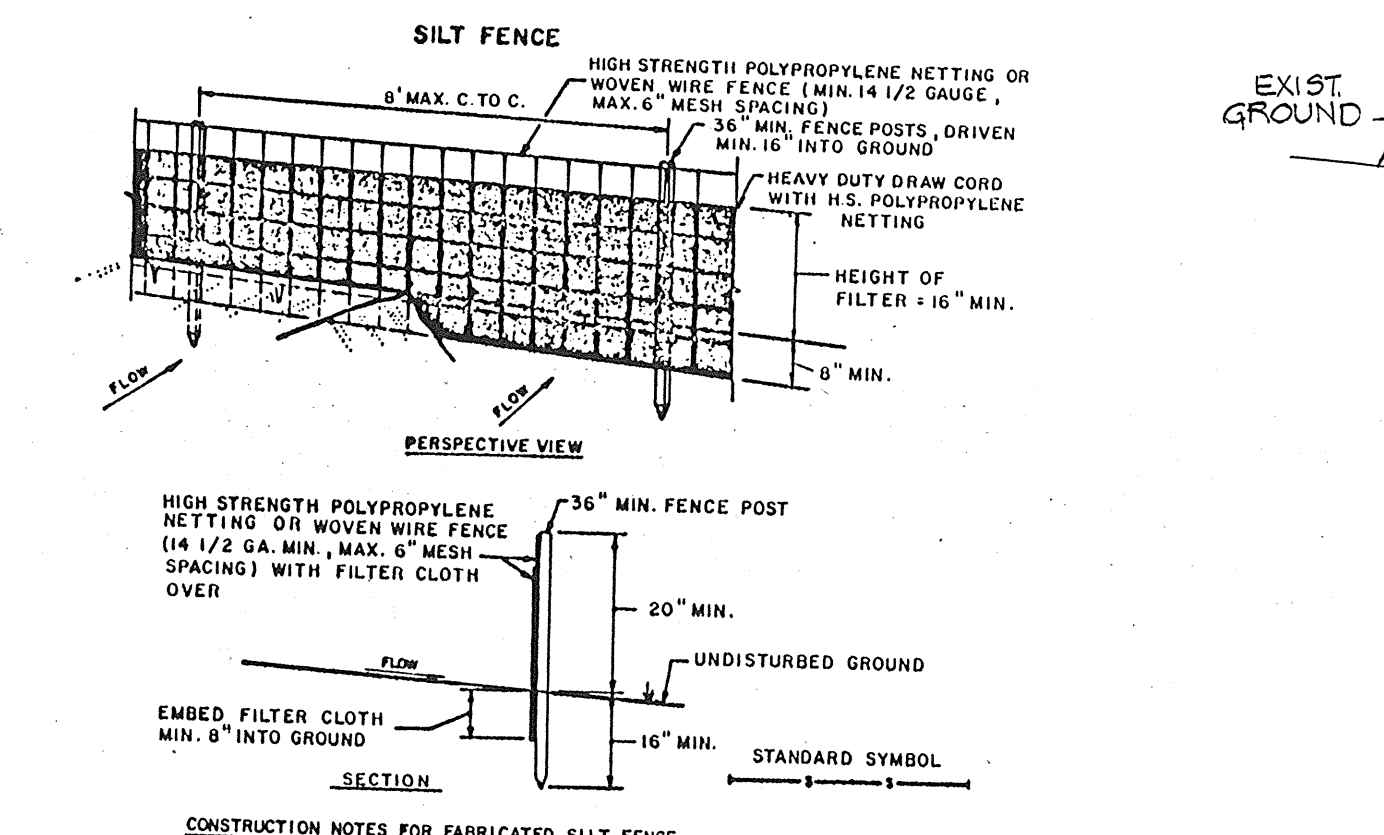
MAINTENANCE - INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

TEMPORARY SEEDING NOTES

- APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.
- SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
- SOIL AMENDMENTS: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 1 THRU NOVEMBER 15, SEED WITH 20 BUSHEL PER ACRE OF ANNUAL RYE (1.2 LBS/1000 SQ. FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF KEEPING LONG GRASS (1.07 LBS/1000 SQ. FT.). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 29, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOD.
- MULCHING: APPLY 14 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROOTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL. 210 GAL. PER ACRE (5 GAL/1000 SQ. FT.) OF UNLIFTED ASPHALT ON FLAT AREAS, OR SLOPES 8 FT OR HIGHER, USE 340 GAL PER ACRE (6 GAL/1000 SQ. FT.) FOR ANCHORING.
- REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.



PAVEMENT SECTIONS NOT TO SCALE



- CONSTRUCTION SPECIFICATIONS**
- Stone size - Use 2" stone, or reclaimed or recycled concrete equivalent.
 - Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
 - Thickness - Not less than 6 (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. Filter will not be required on a single family residence lot.
 - Surface Water - All surface water flooding or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 3:1 slopes will be permitted.
 - Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout 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 rain.

Reviewed for HOWARD COUNTY S.C.D. Name: Jim Maguire Date: 12/12/04 Signature: [Signature] L.S.D.A. NATURAL RESOURCES SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY CONSERVATION DISTRICT. Approved: [Signature] Date: 12/12/04

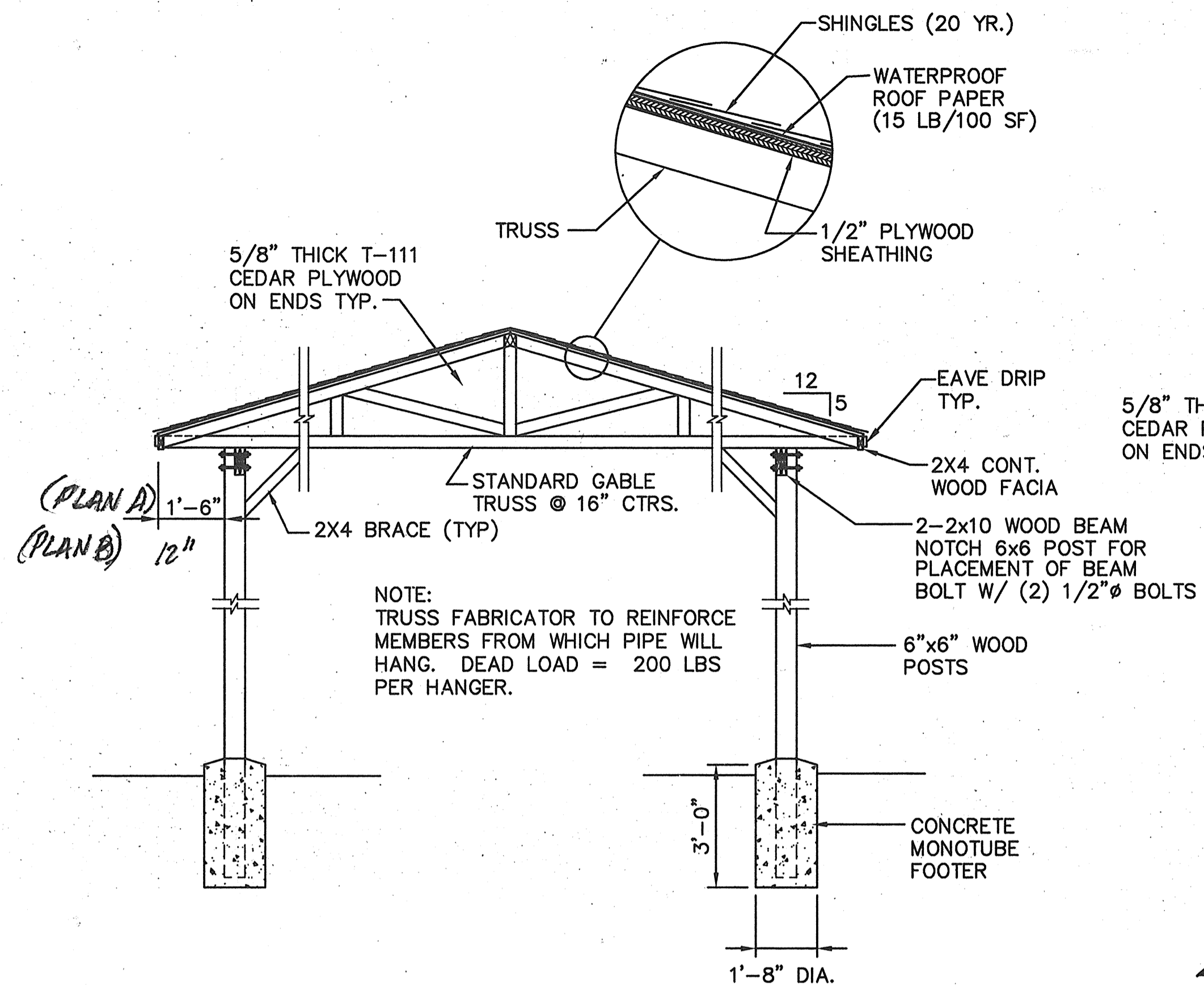
APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT. APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING. PLANNING DIRECTOR: [Signature] DATE: 10/12/93. CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH: [Signature] DATE: 10/5/93.

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND. Director of Public Works: [Signature] Date: 9/21/93. Chief, Bureau of Engineering: [Signature] Date: 9/21/93.

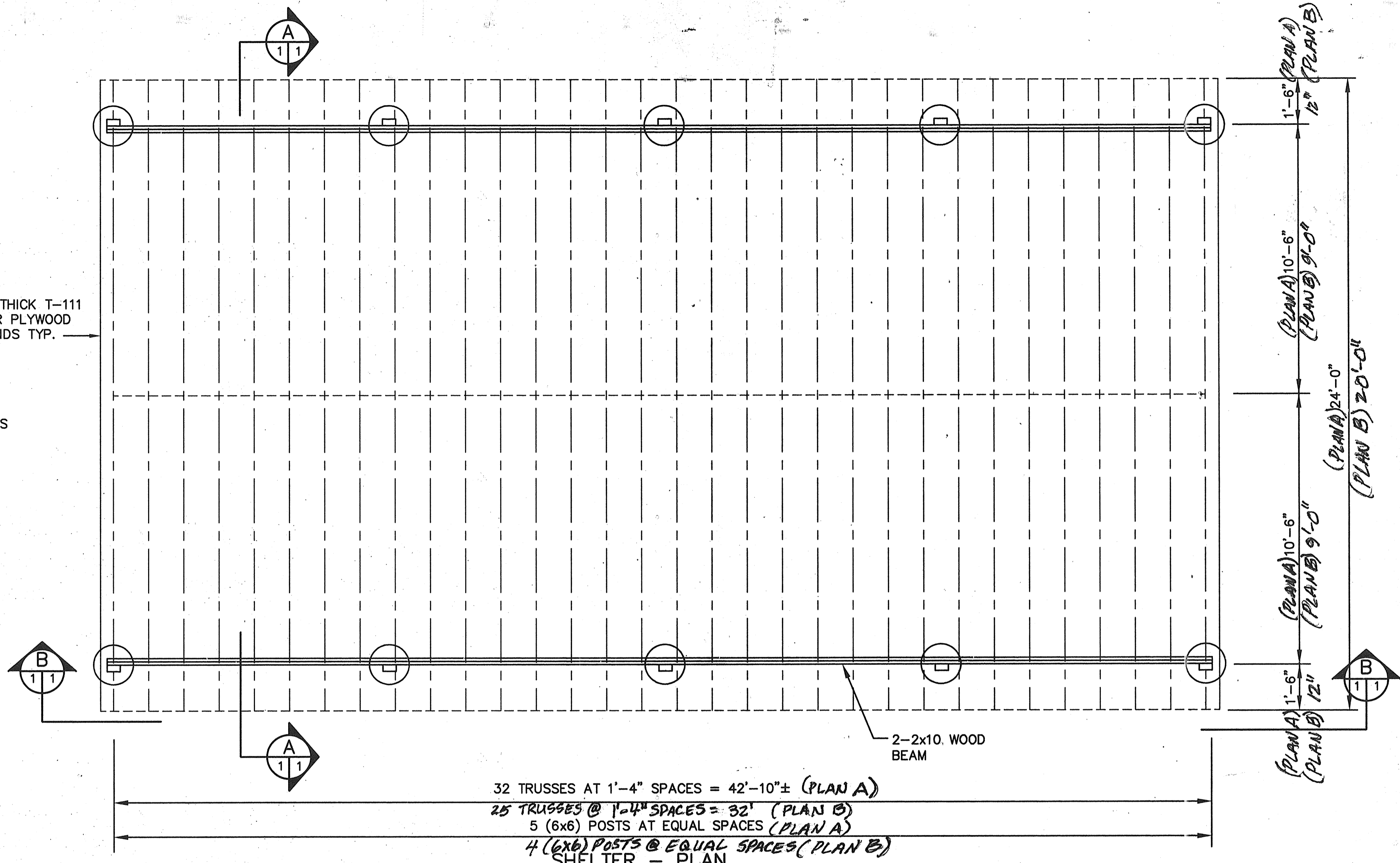
HICKS ENGINEERING CO., INC. ENGINEERS · SURVEYORS · PLANNERS. 200 E. JOPPA ROAD · SUITE 402 TOWSON, MARYLAND 21286.

DES: E.A.S.			
DRN: F.W.			
CHK: E.A.S.	MR	SPRINT TELECOMMUNICATION SITE RED LINE	8-21-04
DATE:	SA	ENGINEER'S SEAL FOR RED LINE	
	BY	NO.	REVISION

ALPHA RIDGE SOLID WASTE MANAGEMENT CENTER HOUSEHOLD HAZARDOUS WASTE SITE. CAPITAL PROJECT NO. C-0190-J HOWARD COUNTY, MARYLAND. SCALE AS SHOWN. SHEET 3 OF 12. REDLINE # 2 SDP 94-15.

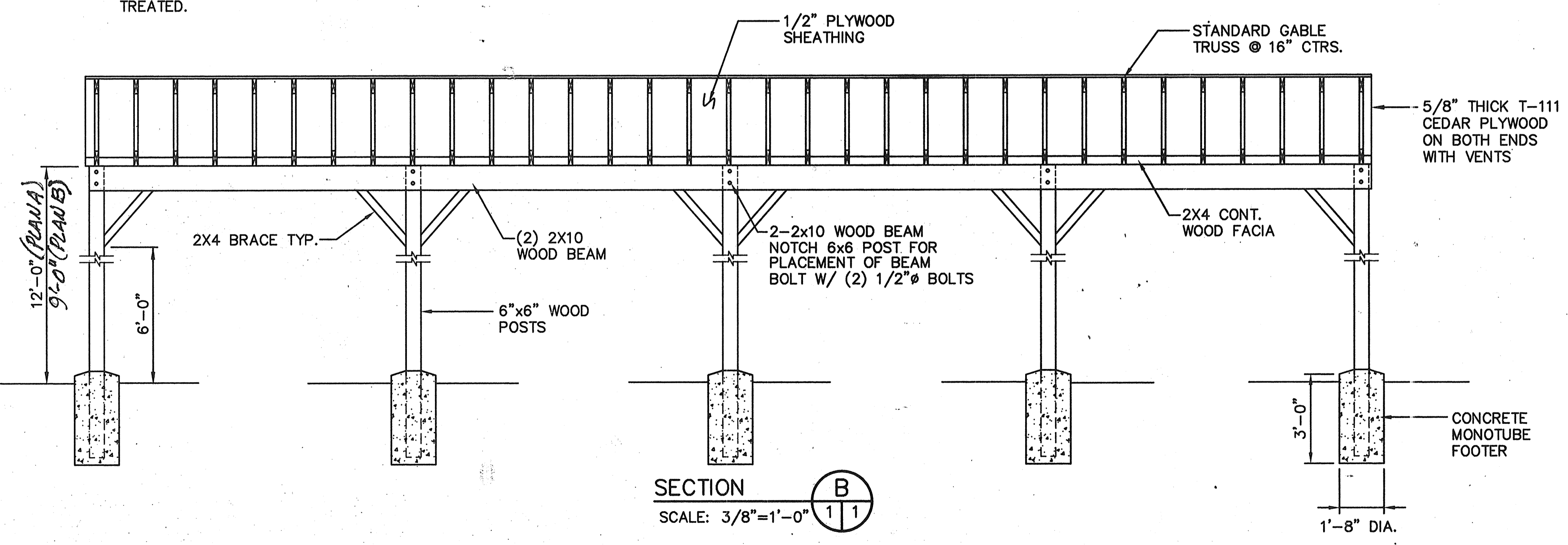


SECTION A
SCALE: 3/8"=1'-0"



32 TRUSSES AT 1'-4" SPACES = 42'-10"± (PLAN A)
25 TRUSSES @ 1'-4" SPACES = 32' (PLAN B)
5 (6x6) POSTS AT EQUAL SPACES (PLAN A)
4 (6x6) POSTS @ EQUAL SPACES (PLAN B)
SHELTER - PLAN
SCALE: 3/8"=1'-0"

NOTE: ALL WOOD TO BE PRESSURE TREATED.



SECTION B
SCALE: 3/8"=1'-0"

SUBDIVISION NAME ALPHA RIDGE SOLID WASTE MANAGEMENT CENTER		LOT/PARCEL 302
LIEB/ FOLIO 856-330	ZONE PEC	TAX/ZONE MAP 10
WATER CODE PRIVATE, EXISTING	SEWER CODE PRIVATE, EXIST.	CENSUS TR. 60-30

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

Mark J. Dwyer 10/28/97
DATE
DIRECTOR

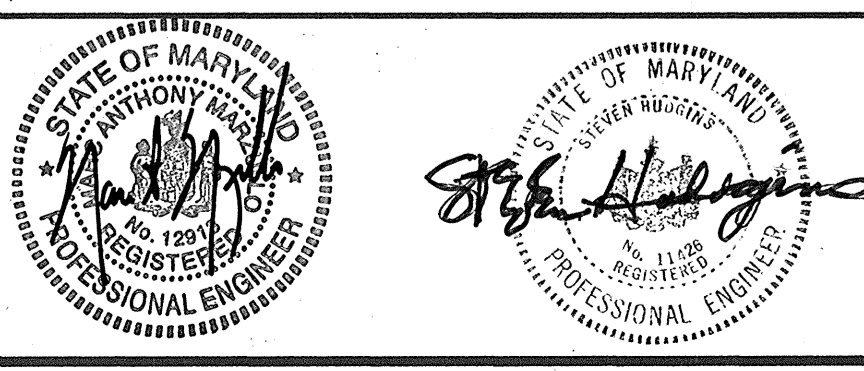
John J. O'Hara 10/28/97
DATE
CHIEF, DEVELOPMENT ENGINEERING DIV.

Cindy Hamilton 10/27/97
DATE
CHIEF, DIVISION OF LAND DEVELOPMENT

HOWARD COUNTY, MARYLAND HEALTH OFFICER

SHT-PLAN, SH-SECTA, SH-SECTB
M: HOWARD
SHT-34

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND	
<i>John J. O'Hara</i> 10/4/97 DATE DIRECTOR OF PUBLIC WORKS	<i>John J. O'Hara</i> 10/4/97 DATE CHIEF, BUREAU OF WASTE MANAGEMENT



DES. S.H.	
DRN. S.H.	MM
CHK.	
DATE: 9-9-97	
BY	NO.
REVISION	DATE

SPRINT TELECOMMUNICATION SITE REDLINE B-21-01
Addsheet 3A to SDP 94-15 10-8-97

SHELTER DETAILS

SCALE: AS NOTED	SHEET 4 OF 12
ALPHA RIDGE LANDFILL CAPITAL PROJECT C-0190 J	
3rd ELECTION DISTRICT	HOWARD COUNTY, MARYLAND

REDLINE #2 SDP 94-15