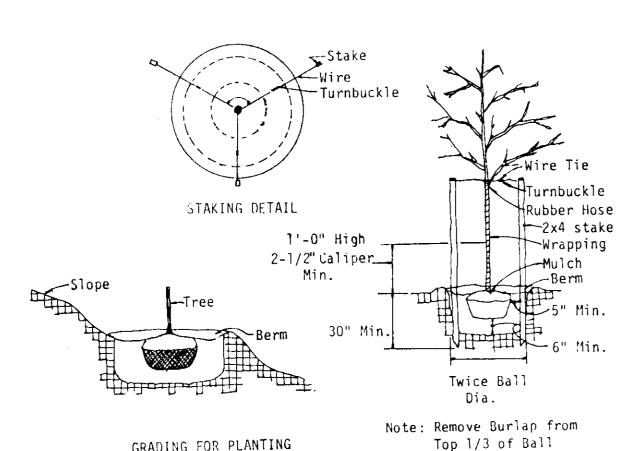


-WOVEN WIRE FENCE (MIN 14 1/2 GAUGE, MAX. 6" MESH -36 MIN FENCE POSTS, DRIVEN MIN. MIN B" INTO GROUND CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

POSTS: STEEL EITHER T OR U
TYPE OR 2" HARDWOOD WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE THES OR STAPLES. , Filter cloth to be fastened securely to woven wire fence with ties spaced every 24° at top and mid section. FENCE: HOVEN WIRE, 14. GA. 6" MAX. MESH OPENING FILTER CLOTH: FILTER X, Mirafi 100X, Stabi-Linka T140N or Approved Equal WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED. PRETABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED , Maintenance shall be performed as needed and material removed when Bulget" Develop in the silt fence.

SILT FENCE



APPROVE RIVISION OF LAND DEVOLUPAL ZONING ADMINISTRATION HOWARD COUNTY, MARY MTE 8-30-85 GRADING FOR PLANTING -Mogum ON SLOPES

-4" VERTICAL FACE

BOUND BALES PLACED ON CONYOUR

RE-BARS STEEL PICKETS OR 2"12" STAKES

11/2 TO 2 IN GROUND DRIVE STAKES FLUSH

BEDDING DETAIL

ANCHORING DETAIL

CONSTRUCTION SPECIFICATIONS

 $1.\,$  Bales shall be placed at the toe of a slope or on the contour and in a row with ends tightly abutting the advacent bales.

Each bale shall be embedded in the soil a minimum of (4) inches, and placed so the bindings are horizontal.

BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL RE

INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.

STRAW BALE DIKE

A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

ACCEPTABLE MEANS BEFORE SEEDING.

SQ.FT.) FOR ANCHORING.

ACCEPTABLE MEANS BEFORE SEEDING.

CONTROL FOR RATE AND METHODS NOT COVERED.

BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

: SETON DRICES:

APPLY TO GRADED OR CLEARED AREA NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE

SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING

LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS/1000 SQ.FT

HARROW OR DISC INTO UPPER THREE-INCHES OF SOIL.

1) PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 JBS/1000 SOUARE FT)

2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/100C 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

AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ.FT.) BEFORE SEEDING.

FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED

WITH 60 LBS PER ACRE (1.4 LBS/1000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD

ACRE (.05 LBS/1000 SQ.FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU

FEBRUARY 28, PROTECT SITE BY: OPTION (1) 2 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

MAY 1 THRU JULY 31, SEED WITH 60 LBS KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER

60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.

MULCHING: APPLY 15 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ.FT.) OF UNROTTED SMALL

GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION

MAINTENANCE: INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND

TEMPORARY SEEDING NOTES:

USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ.FT.) OF EMULSIFIED

ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE

SEEDBED PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISSING OR OTHER

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED

AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (.07 LBS, 1000 SQ.FT.). FOR

WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOD.

MULCHING: APPLY 15 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MU'CH IMMEDIATELY AFTER APPLICATION

USING MULCH ANCHORING TOOL OR 218 GAL PER ACRE (5 GAL/1000 SO.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES, 8 FT. OR HIGHER, USE 348 GAL PER ACRE (8 GAL/1000

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSIGN AND SEDIMENT

THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF

BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ.FT.). FOR THE PERIOD MAY 1 THRU

SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS 1000 SQ.FT.)

PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR STHER

STANUARD STMBO

SB0 ---

ANGLE FIRST STAKE TOWARD

PREVIOUSLY LAID BALE

ENGINEER'S CERTIFICATE I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SED-IMENT 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 REQUIRE-MENTS OF THE NOTATE SOIL CONSERVATION DISTRICT. SIGNATURE OF ENGINEER

DEVELOPER'S CERTIFICATE "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SED IMENT AND EROSION BEFORE BEGINNING THE PROJECT I ALSO AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

-4" WHITE PAINTED

LINE-

HANDICAPPED

STENCIL HANDICAPPED

LOGO USING WHITE

PAINT ON SPACES

PARKING SPACE

, A MINIMOM IN 11 HOURD MOTILE MOST BE GIVEN TO THE HOWIRE COUNTY INTO INVESTIGATION AND PERMITS PRIDE TO THE CTART OF ANY CONSTRUCTION

, ALE VEGETATIVE AND STRUCTURAL PRACTICEL ARE TO BE INSTALLED ACCORDING O THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE

4) ALE SECTMENT TRAPS/BASING SHOWN METT BE FUNCED AND WARNING SIGNS YOS T

COUNTY DESIGN MANUAL, STORM DRAINAGE

SITE ANALYSIS:

TOTAL CUT

11-11-20

TOTAL AREA OF SITE

PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.

THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

AREA TO BE VEGETATIVELY STABILIZED

COUNTY DPW SEDIMENT CONTROL INSPECTOR.

SCORE CONCRETE WALK

5' INTERVALS

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOLLOWING INITIAL SOIL DISTURBANCE OF REDISTURBANCE, PERMANENT OF TEMPOPARY

SECOMENT CONTROL STRUCTURES, OUTON REGIMETER SLOPES AND ALL SOURCE A GAIGS THAN 311, 61 14 DAYS AS TO ALL THE TAUTHREET OR GRADED ARTAS IN THE PRO

AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12 OF THE HOWAR.

5, ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD STO TELL. ABOVE

IN ACCORDANCE WITH THE 1983 MARK, AND STANDARDS AND SPECIFICATIONS FOR SUL.

EROSION AND SEDIMENT CONTROL FOR CHOMMANENT SEEDINGS (SEC.51) SOD (SEC.54),

8) ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR

9) ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD

NOTE: PROVIDE EXPANSION JOINT WHEREVER SIDEWALK ABUTS CURBS,

TYPICAL S. DEWALK DETA..

NOT TO SCALE

. REDUCE SPACING 50 %

LEGEND AND BORDERS GREEN
WHITE SYMBOL ON BLUE BACKGROUND
BACKGROUND WHITE

- FINISHED GRADE

STANDARD

PARKING SPACE

TYPICAL PARKING DETAIL

NO SCALE

\*\* SEE PAGE G84 FOR SYMBOL DESIGN

BUILDINGS, STAIRS AND INTERSECTIONS OF WALKS

PARKING

**6.** 

HANDICAPPED SIGN DETAIL NOT TO SCALE

PLACEMENT C. UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE

TEMPORARY SEEDING (SEC.50) AND My UHING (SEC.52). TEMPORARY STABILIZATION WITH

MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR

6) ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED.

IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM

STABILIZATION SHALL BE COMPLETED WITHIN (a) IT CALENDAR DAYS FOR A COMPLETED WITHIN (a)

U.S SOIL CONSERVATION SERVICE DISTRICT. APPROVED: HOWARD SOIL CONSERVATION DISTRICT

taximum spacing or 2 x 4 spacin x 4 anchors -STANDARD SYMBOL Construction Specifications Materials

A. Wooden frame is to be constructed of 2" x 4" construction grade lumber.

B. Wire mesh must be of sufficient strength to support filter fabric, and stone for curb inlets, with water fully impounded against it.

C. Filler cloth must be of a type approved for this purpose; resistant to sunlight with sieve size, EOS, 40-85, to allow sufficient

p. Stone is to be 2" in size and clean, since fines would clog the Curb Inlet Protection.

passage of water and removal of sediment.

1. Attach a continuous piece of wire mesh (30" min. width by throat length plus 4') to the 2" x 4" weir (measuring throat length plus 2') as shown on the standard drawing.

2. Place a piece of approved filter cloth (40-85 sieve) of the same dimensions as the wire mesh over the wire mesh and securely attach to the 2" x 4" weir.

Securely nail the 2" x 4" weir to 9" long vertical spacers to be located between the weir and inlet face (max. 6' apart).

Place the assembly against the inlet throat and nail (minimum 2' lengths of 2" x 4" to the top of the weir at spacer locations. These 2" x 4" anchors shall extend across the inlet top and be held in place by sandbags or alternate weight. 5. The assembly shall be placed so that the end spacers are a minimum 1' beyond both ends of the throat opening.

b. Form the wire mesh and filter cloth to the concrete gutter and against the face of curb on both sides of the inlet. Place clean 2" stone over the wire mesh and filter fabric in such a manner as to prevent water from entering the inlet under or around the filter cloth.

7. This type of protection must be inspected frequently and the filter cloth and stone replaced when clogged with sediment.

8. Assure that storm flow does not bypass inlet by installing

APPROVED: DEPARTMENT OF PUBLIC WORKS.

DIRECTOR, PUBLIC WORKS

CHIEF, BUREAU OF ENGINEERING

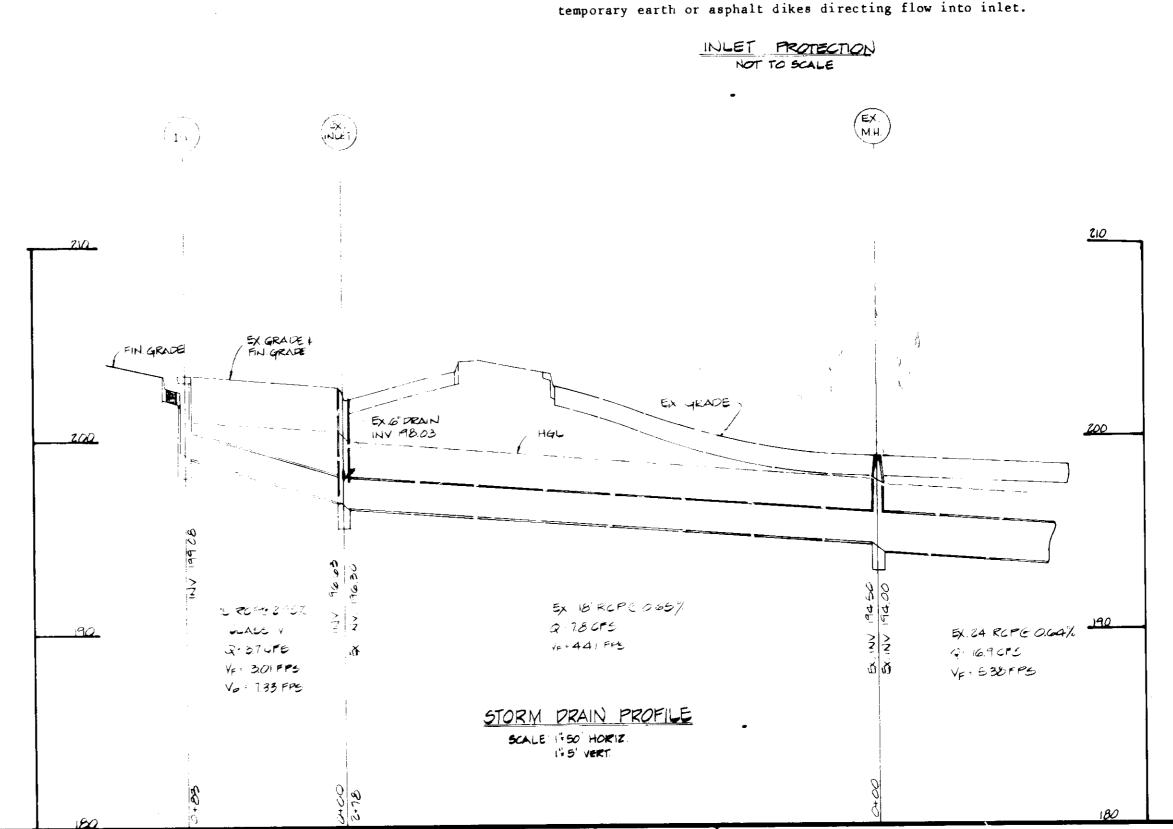
SYSTEMS AND ROADS.

FOR PUBLIC WATER & SEWER AND STORM DRAINAGE

SEWER CODE

411000

PARCEL NO.



STRUCTURE SCHEDULE NO. TYPE TOP ELEV. INV. IN INV. OUT REMARK | I-1 | A-5 | 203.33 | -- | 199.09 | St 4.0

> OWNER/ DEVELOPER SUBARU ATLANTIC, III 8611 LARKIN ROAD SAVAGE, MARYLAND (301) 792-4774

NOTES & DETAILS

CORRIDOR INDUSTRIAL PARK

SECTION 1 PARCEL P-1

SUBARU ATLANTIC, INC. PARKING LOT ADDITION TO SOP-81-182 TAX MAP 48 PART OF PARCEL IG

6th Elaction District Howard County, Md pata -uly 26 1985 REVISED: SEPTEMBER 9, 1985 Shout 2 of 3

FISHER, COLLINS & CARTER, INC. CIVIL ENGINEERS & LAND SURVEYORS

ELLICOTT CITY, MARYLAND 21043

8388 COURT AVENUE

(301) 461-2855

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION

REVIEWED FOR HOWARD SOIL CONSERVATION

DISTRICT AND MEETS TECHNICAL REQUIREMENTS

5 EVEL

AREA

& 505 13

TRANSITION CURB C TRANSITION

PLAN ? HANDICAPPED PARKING

HANDICAPPED PARKING DETAIL

三、本作trit : PEVERSE SLOFE

NOT TO SCALE

LEX CONC CLRE

- I" BIT CONC SURFACE

5" CRUSHER RUN BASE COURSE

OR 4' DENSE GRADED STABILIZED

AGGREGATE BASE COURSE

GRANULAR BASE ALTERNATE

2" BIT. CONC. BASE

PRIME

-Concrete Curb and

· Bottom of curb below

finished grade of

paving

750%

PROVIDE SMOOTH FULL WIDTH DEPRESSION

1-6" VETRESS

STANDARE 7" PANBINATION CURE & GUTTER

NO SCALE

1" BIT. CONC. SURFACE

PI PAVING SECTION

NO SCALE

FULL DEPTH BIT CONC. ALTERNATE

-4" BIT. CONC. BASE

FLOW LINE AND Depress Curb

2034 +

TRANSITION BETWEEN

DEPRESSED CURB

-ACRES

ACRES

ACRES

ĴŪ.ΥϽS.

SUBDIVISION NAME APPROVED: HOWARD COUNTY HEALTH DEPARTMENT CORRIDOR INDUSTRIAL PARK PLAT NO./L.F. BLOCK NO. ZONE TAX/ZONE ELEC. DIST. CENSUS TR. WATER CODE

APPROVED: OFFICE OF PLANNING AND ZONING

AND ZONING ADMINISTRATION

50P-86-26

