

EXISTING MAPLE TREES TO BE REVIEWED BY CERTIFIED ARBORIST. STRESS PROTECTION MEASURES & TREE PROTECTION FENCE SHALL BE PROVIDED TO AVOID DAMAGE TO THESE TREES. THESE TREES CAN BE SAVED.

BEGIN WOODFIELD ROAD EXTENDED CONSTRUCTION STATION 100+00

SOD DISTURBED AREAS ON WESTERN SIDE OF MD 27 (GRIDGE ROAD) AREA = 2,520 SY

SOD DISTURBED AREAS ON EASTERN SIDE OF MD 27 (GRIDGE ROAD) AREA = 1,660 SY

SOD ISLANDS BETWEEN RAMP FROM WOODFIELD ROAD TO GRIDGE ROAD AREA = 20 SY

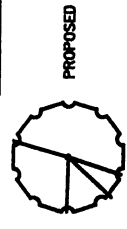
SOD DISTURBED AREAS BETWEEN MD 27 (GRIDGE ROAD) AND THE PROPOSED FAITH LANE INTERSECTION AREA = 438 SY
SEE SHEET FCP/LA-2 FOR CONTINUATION OF SOD

MATCHLINE THIS SHEET

MATCHLINE THIS SHEET

MATCHLINE STA. 208+50 - SEE SHEET FCP/LA 2 OF 14

MATCHLINE STA. 101+00 SEE SHEET FCP/LA 5 OF 14



- PROPOSED CANOPY TREE
- PROPOSED ORNAMENTAL TREE
- PROPOSED SHRUB
- PROPOSED PERENNIALS/GROUNDCOVERS
- TOP OF CUT LINE
- TOE OF FILL LINE
- LIMIT OF DISTURBANCE
- PROPOSED ROADWAY
- PROPOSED INTRA SIDEWALK
- PROPOSED CONCRETE
- TREE TO BE REMOVED
- TREE PROTECTION FENCE
- ROOT PRUNE TRENCH
- TREE/FOREST CLEARING AREA
- STREAM BUFFER
- EXISTING ROADLINE

NOTE:
TREE PROTECTION FENCE & ROOT PRUNE TRENCH ARE SHOWN GRAPHICALLY ON DRAWING. SEE DETAIL ON SHEET FCP/LA 12 OF 14 FOR ACTUAL PLACEMENT OF ROOT PRUNE TRENCH & TREE PROTECTION FENCE.

SCALE : 1" = 30'

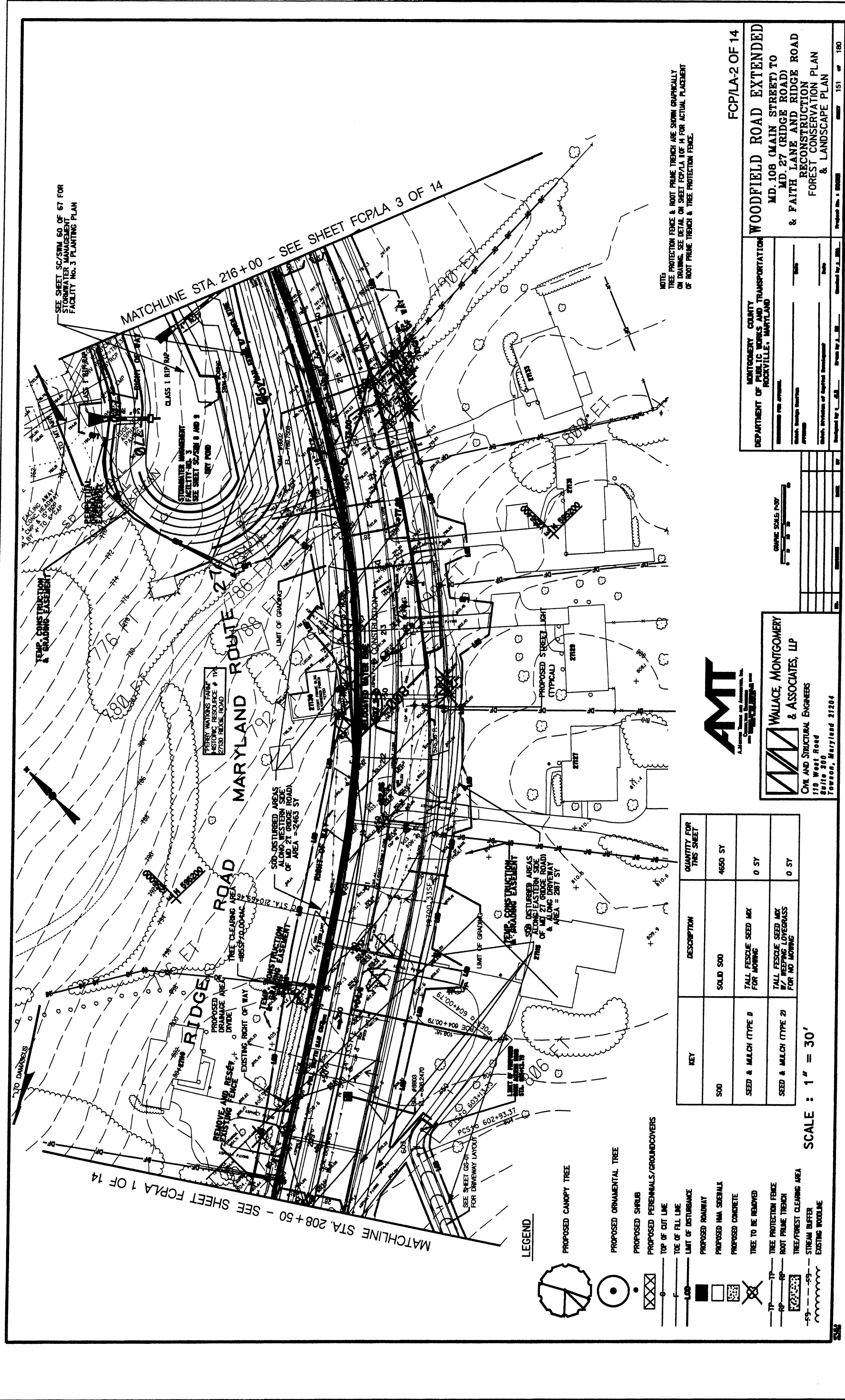
KEY	DESCRIPTION	QUANTITY FOR THIS SHEET
SOD	SOLD SOD	4,728 SY
	TALL FESCUE SEED MIX FOR MOWING	0 SY
	TALL FESCUE SEED MIX W/ WEAVING LOVEGRASS FOR NO MOWING	0 SY

WALLACE, MONTGOMERY & ASSOCIATES, LLP
 CIVIL AND STRUCTURAL ENGINEERS
 110 West Road
 Suite 300
 Towson, Maryland 21284



MONTGOMERY COUNTY
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 ROCKVILLE, MARYLAND

FCP/LA-1 OF 14
WOODFIELD ROAD EXTENDED
 MD. 108 (MAIN STREET) TO
 MD. 27 (GRIDGE ROAD)
 & FAITH LANE AND RIDGE ROAD
 RECONSTRUCTION
 FOREST CONSERVATION
 & LANDSCAPE PLAN



NOTES
 TREE PROTECTION FENCE & ROOT PRIME TRENCH ARE SHOWN GRAPHICALLY ON DRAWING. SEE DETAIL ON SHEET FCPLA 107-14 FOR ACTUAL PLACEMENT OF ROOT PRIME TRENCH & TREE PROTECTION FENCE.

KEY	DESCRIPTION	QUANTITY FOR THIS SHEET
SOB	SOLID SOB	4650 SY
	TALL FESCUE SEED MIX FOR MOWING	0 SY
	TALL FESCUE SEED MIX W/ KEEPING LOVEGRASS FOR NO MOWING	0 SY

SCALE : 1" = 30'

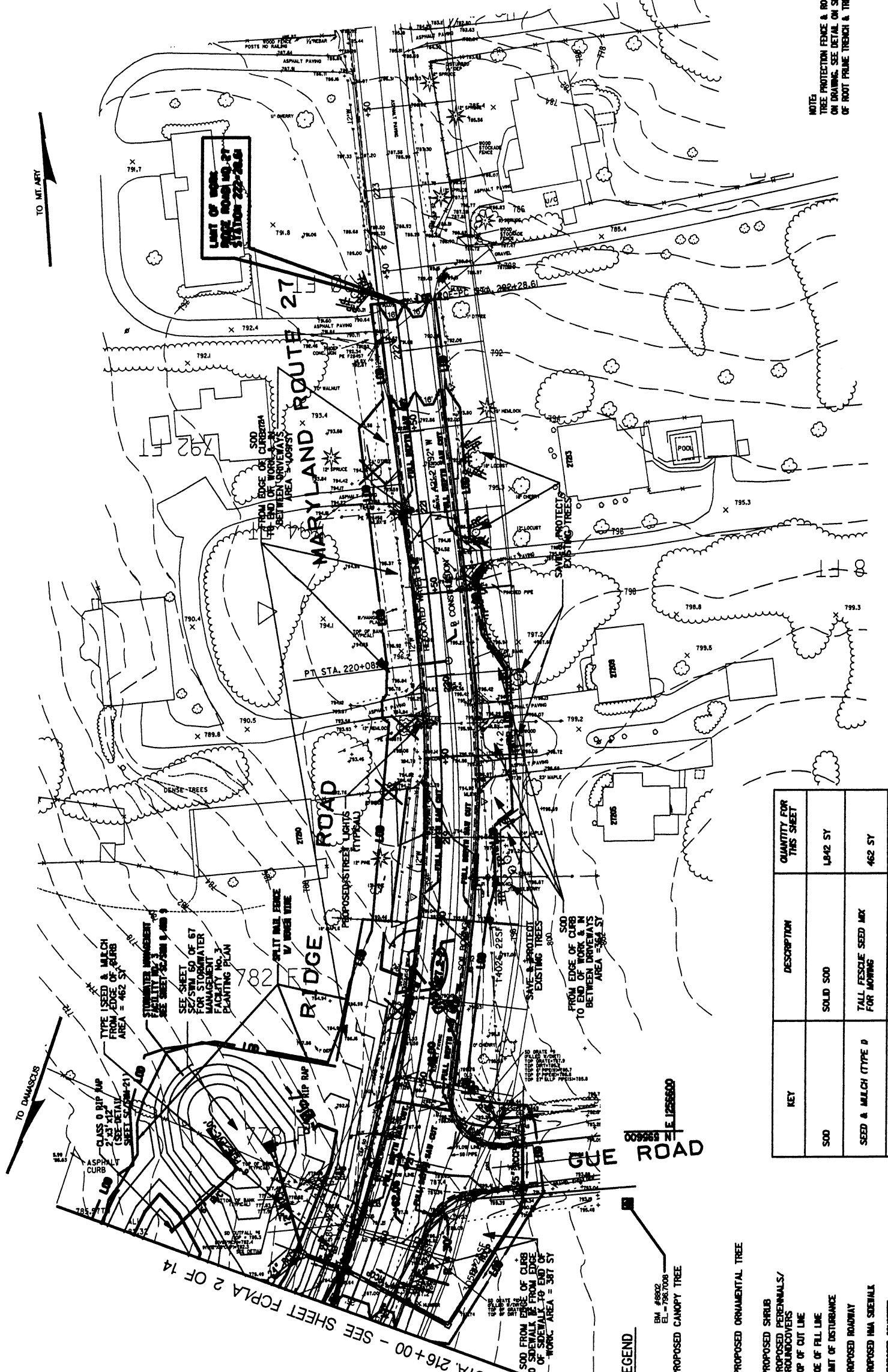


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FCPLA-2 OF 14
WOODFIELD ROAD EXTENDED
 MD. 108 (MAIN STREET) TO MD. 27 (BRIDGE ROAD) & FAITH LANE AND RIDGE ROAD RECONSTRUCTION FOREST CONSERVATION PLAN & LANDSCAPE PLAN

MONTGOMERY COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 ROCKVILLE, MARYLAND

DESIGNED BY: J. J. [unreadable]
 CHECKED BY: J. J. [unreadable]
 DATE: [unreadable]



TO MT. AIRY

TO DAMASCUS

LIMIT OF WORK
RIDGE ROAD MD. 27
STATION 220+28.6

CLASS 0 BIP AP
2" x 12" (SEE DETAIL SHEET S-200-01)

TYPE 1 SEED & MULCH
FROM EDGE OF CURB
AREA = 462 SY

SEE SHEET S-200-01
FOR STORMWATER
MANAGEMENT
FACTORY NO. 3
PLANTING PLAN

SAVE & MULCH
EXISTING TREES

FROM EDGE OF CURB
TO END OF WORK & IN
BETWEEN DRIVEWAYS
AREA = 387 SY

FROM EDGE OF CURB
TO END OF WORK & IN
BETWEEN DRIVEWAYS
AREA = 387 SY

FROM EDGE OF CURB
TO END OF WORK & IN
BETWEEN DRIVEWAYS
AREA = 387 SY

FROM EDGE OF CURB
TO END OF WORK & IN
BETWEEN DRIVEWAYS
AREA = 387 SY

FROM EDGE OF CURB
TO END OF WORK & IN
BETWEEN DRIVEWAYS
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FROM EDGE OF CURB
TO END OF WORK & IN
BETWEEN DRIVEWAYS
AREA = 387 SY

FROM EDGE OF CURB
TO END OF WORK & IN
BETWEEN DRIVEWAYS
AREA = 387 SY

FROM EDGE OF CURB
TO END OF WORK & IN
BETWEEN DRIVEWAYS
AREA = 387 SY

MONTGOMERY COUNTY
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
ROCKVILLE, MARYLAND

DESIGNED BY: L. J. BEE
CHECKED BY: J. BEE
DATE: 10/26/2006

WALLACE, MONTGOMERY
& ASSOCIATES, LP
CIVIL AND STRUCTURAL ENGINEERS
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Suite 300
Towson, Maryland 21284

WOODFIELD ROAD EXTENDED
MD. 108 (MAIN STREET) TO
MD. 27 (RIDGE ROAD)
& FAITH LANE AND RIDGE ROAD
RECONSTRUCTION PLAN
FOREST CONSERVATION PLAN
& LANDSCAPE PLAN

FCP/LA-3 OF 14

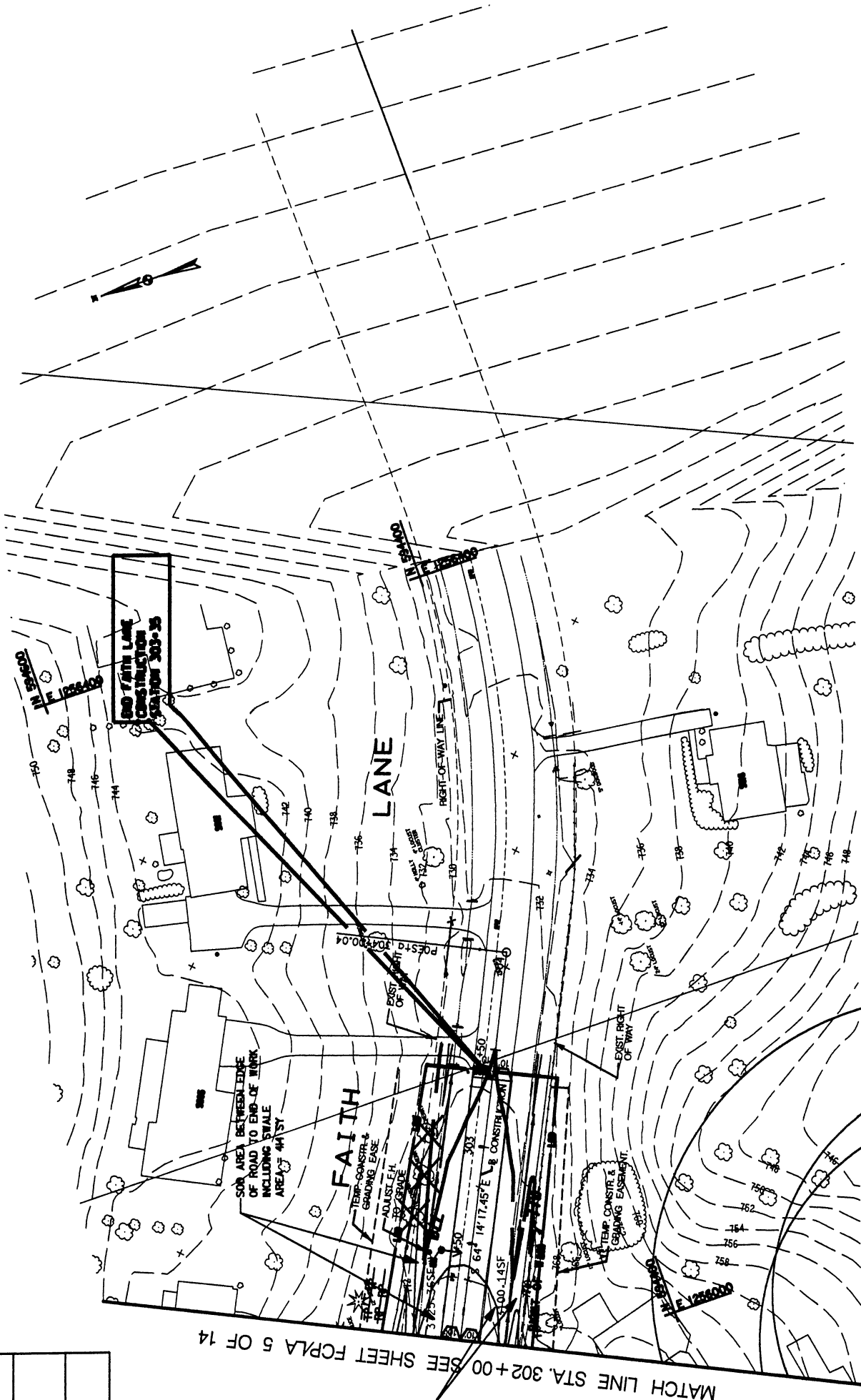
NOTES:
TREE PROTECTION FENCE & ROOT PRUNE TRENCH ARE SHOWN GRAPHICALLY
ON DRAWING. SEE DETAIL ON SHEET FCP/LA 10F FOR ACTUAL PLACEMENT
OF ROOT PRUNE TRENCH & TREE PROTECTION FENCE.

KEY	DESCRIPTION	QUANTITY FOR THIS SHEET
S00	SOLID S00	1842 SY
SEED & MULCH (TYPE 1)	TALL FESCUE SEED MIX FOR MOWING	462 SY
SEED & MULCH (TYPE 2)	TALL FESCUE SEED MIX W/ WEeping LOVERGRASS FOR NO MOWING	0 SY

SCALE : 1" = 30'

- LEGEND**
- PROPOSED CANOPY TREE
 - PROPOSED ORNAMENTAL TREE
 - PROPOSED SHRUB
 - PROPOSED PERENNIALS/GRASS COVERS
 - TOP OF CUT LINE
 - TOP OF FILL LINE
 - LIMIT OF DISTURBANCE
 - PROPOSED ROADWAY
 - PROPOSED HMA SIDEWALK
 - PROPOSED CONCRETE
 - TREE TO BE REMOVED
 - TREE PROTECTION FENCE
 - ROOT PRUNE TRENCH
 - TREE/FOREST CLEARING AREA
 - STREAM BUFFER
 - EXISTING WOODLINE

KEY	DESCRIPTION	QUANTITY FOR THIS SHEET
S00	SOLID S00	764 SY
SEED & MULCH (TYPE 0)	TALL FESCUE SEED MIX FOR MOWING	0 SY
SEED & MULCH (TYPE 2)	TALL FESCUE SEED MIX W/ WEEPING LOVEGRASS FOR NO MOWING	0 SY



MATCH LINE STA. 302+00 SEE SHEET FCPA 5 OF 14

- LEGEND**
- PROPOSED CANOPY TREE
 - PROPOSED ORNAMENTAL TREE
 - PROPOSED SHRUB
 - PROPOSED PERENNIALS/GROUNDCOVERS
 - TOP OF CUT LINE
 - TOE OF FILL LINE
 - LIMIT OF DISTURBANCE
 - PROPOSED ROADWAY
 - PROPOSED HMA SIDEWALK
 - PROPOSED CONCRETE
 - TREE TO BE REMOVED
 - TREE PROTECTION FENCE
 - ROOT PRIME TRENCH
 - TREEFOREST CLEARING AREA
 - STREAM BUFFER
 - EXISTING WOODLINE

NOTE:
TREE PROTECTION FENCE & ROOT PRIME TRENCH ARE SHOWN GRAPHICALLY ON DRAWING. SEE DETAIL ON SHEET FCP/LA 6 OF 14 FOR ACTUAL PLACEMENT OF ROOT PRIME TRENCH & TREE PROTECTION FENCE.

SCALE : 1" = 30'

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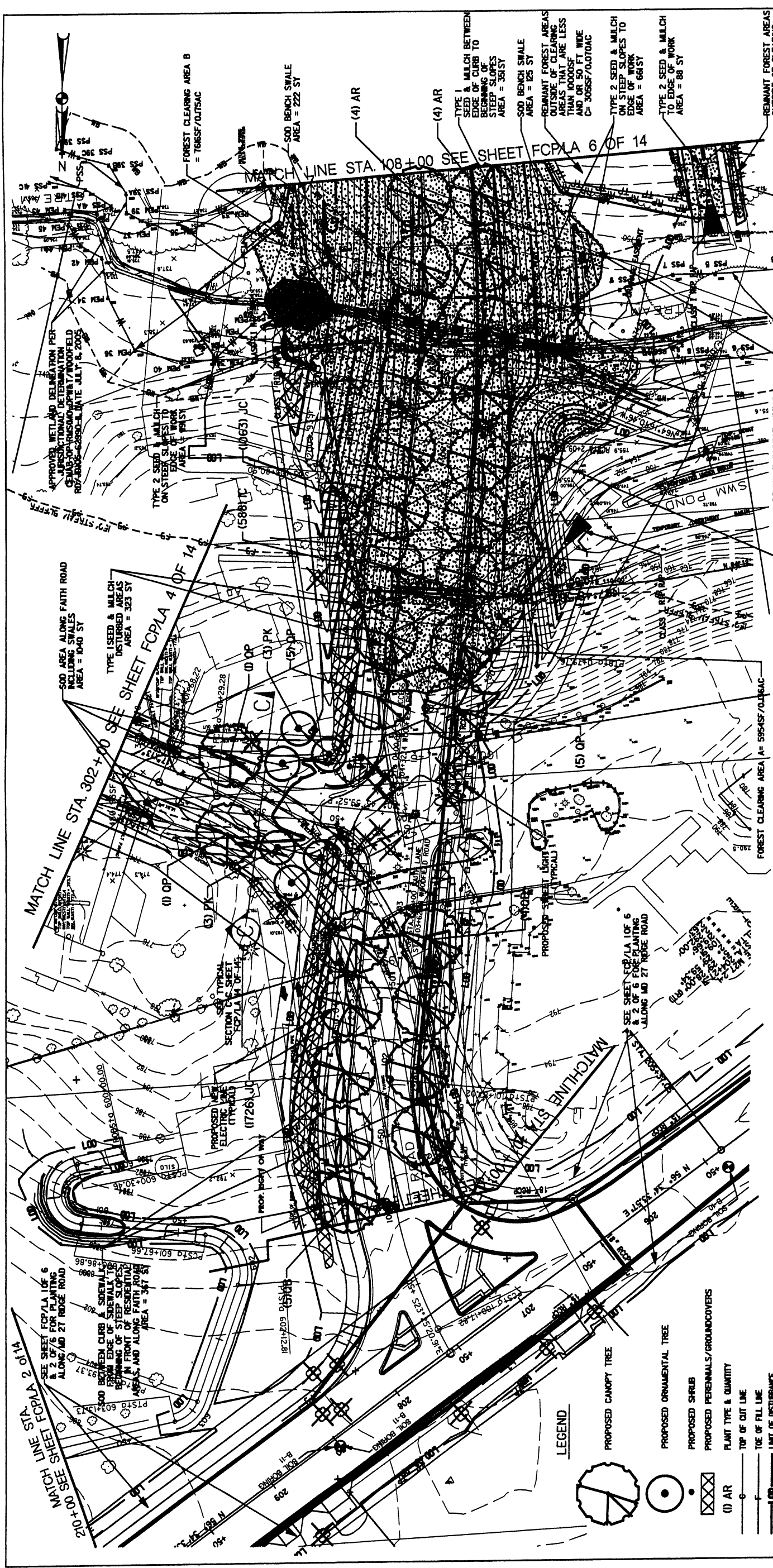
FCP/LA-4 OF 14

WOODFIELD ROAD EXTENDED
 MD. 108 (MAIN STREET) TO
 MD. 27 (RIDGE ROAD)
 & FAITH LANE AND RIDGE ROAD
 RECONSTRUCTION PLAN
 FOREST CONSERVATION PLAN
 & LANDSCAPE PLAN

Project No. : 50028 SHEET : 153 of 180

MONTGOMERY COUNTY
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 ROCKVILLE, MARYLAND

Investigation For Approval: _____ Date: _____
 Chief, Design Section: _____ Date: _____
 Approved: _____ Date: _____
 Chief, Division of Capital Development: _____ Date: _____
 Designed by: L. J. B. Drawn by: L. J. B. Checked by: J. B.M.



KEY	DESCRIPTION	QUANTITY FOR THIS SHEET
SOD	SOLID SOD	2457 SY
SEED & MULCH (TYPE 0)	TALL FESCUE SEED MIX FOR MOWING	674 SY
SEED & MULCH (TYPE 2)	TALL FESCUE SEED MIX W/ WEEPING LOVEGRASS FOR NO MOWING	1940 SY

SCALE : 1" = 30'

- LEGEND**
- PROPOSED CANOPY TREE
 - PROPOSED ORNAMENTAL TREE
 - PROPOSED SHRUB
 - PROPOSED PERENNIALS/GROUNDCOVERS
 - PLANT TYPE & QUANTITY
 - TOP OF CUT LINE
 - TOE OF FILL LINE
 - LIMIT OF DISTURBANCE
 - PROPOSED ROADWAY
 - PROPOSED HMA SIDEWALK
 - PROPOSED CONCRETE
 - TREE TO BE REMOVED
 - TREE PROTECTION FENCE
 - ROOT PRUNE TRENCH
 - TREE/FOREST CLEARING AREA
 - STREAM BUFFER
 - EXISTING BUFFER
 - WETLAND BUFFER
 - WETLAND DELINEATION

NOTES

TREE PROTECTION FENCE & ROOT PRUNE TRENCH ARE SHOWN GRAPHICALLY ON DRAWING. SEE DETAIL ON SHEET FCP/LA 10 OF 14 FOR ACTUAL PLACEMENT OF ROOT PRUNE TRENCH & TREE PROTECTION FENCE.

SEE SHEET FCP/LA SHEET 2 OF 14 FOR PLANT MATERIAL LIST.

CLEARING WITHIN EXISTING RECORDED FOREST CONSERVATION AREA A= 44506SF/10222AC

REMANANT FOREST AREAS OUTSIDE OF CLEARING THAT ARE LESS THAN 1000SF AND OR 50 FT WIDE A2= 1735SF/00004AC

REMANANT FOREST AREAS OUTSIDE OF CLEARING AREAS THAT ARE LESS THAN 1000SF AND OR 50 FT WIDE B2= 3302SF/0.0764C

TYPE 2 SEED & MULCH ON STEEP SLOPES TO EDGE OF WORK AREA = 661SY

TYPE 2 SEED & MULCH TO EDGE OF WORK AREA = 88 SY

REMANANT FOREST AREAS OUTSIDE OF CLEARING AREAS THAT ARE LESS THAN 1000SF AND OR 50 FT WIDE C= 3058SF/0.0704C

REMANANT FOREST AREAS OUTSIDE OF CLEARING AREAS THAT ARE LESS THAN 1000SF AND OR 50 FT WIDE AREA = 381SY

SOD BENCH SWALE AREA = 125 SY

SOD BENCH SWALE AREA = 222 SY

FOREST CLEARING AREA B = 7685SF/0.175AC

TYPE 1 SEED & MULCH BETWEEN EDGE OF CURB TO BEGINNING OF STEEP SLOPES AREA = 381SY

TYPE 2 SEED & MULCH ON STEEP SLOPES TO EDGE OF WORK AREA = 661SY

TYPE 2 SEED & MULCH TO EDGE OF WORK AREA = 88 SY

REMANANT FOREST AREAS OUTSIDE OF CLEARING AREAS THAT ARE LESS THAN 1000SF AND OR 50 FT WIDE A2= 1735SF/0.0004AC

REMANANT FOREST AREAS OUTSIDE OF CLEARING AREAS THAT ARE LESS THAN 1000SF AND OR 50 FT WIDE B2= 3302SF/0.0764C

REMANANT FOREST AREAS OUTSIDE OF CLEARING AREAS THAT ARE LESS THAN 1000SF AND OR 50 FT WIDE C= 3058SF/0.0704C

REMANANT FOREST AREAS OUTSIDE OF CLEARING AREAS THAT ARE LESS THAN 1000SF AND OR 50 FT WIDE AREA = 381SY

SOD BENCH SWALE AREA = 125 SY

SOD BENCH SWALE AREA = 222 SY

FOREST CLEARING AREA B = 7685SF/0.175AC

TYPE 1 SEED & MULCH BETWEEN EDGE OF CURB TO BEGINNING OF STEEP SLOPES AREA = 381SY

TYPE 2 SEED & MULCH ON STEEP SLOPES TO EDGE OF WORK AREA = 661SY

TYPE 2 SEED & MULCH TO EDGE OF WORK AREA = 88 SY



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WOODFIELD ROAD EXTENDED
 MD. 108 (MAIN STREET) TO MD. 27 (BRIDGE ROAD) & FAITH LANE AND RIDGE ROAD
 FOREST RECONSTRUCTION PLAN & LANDSCAPE PLAN

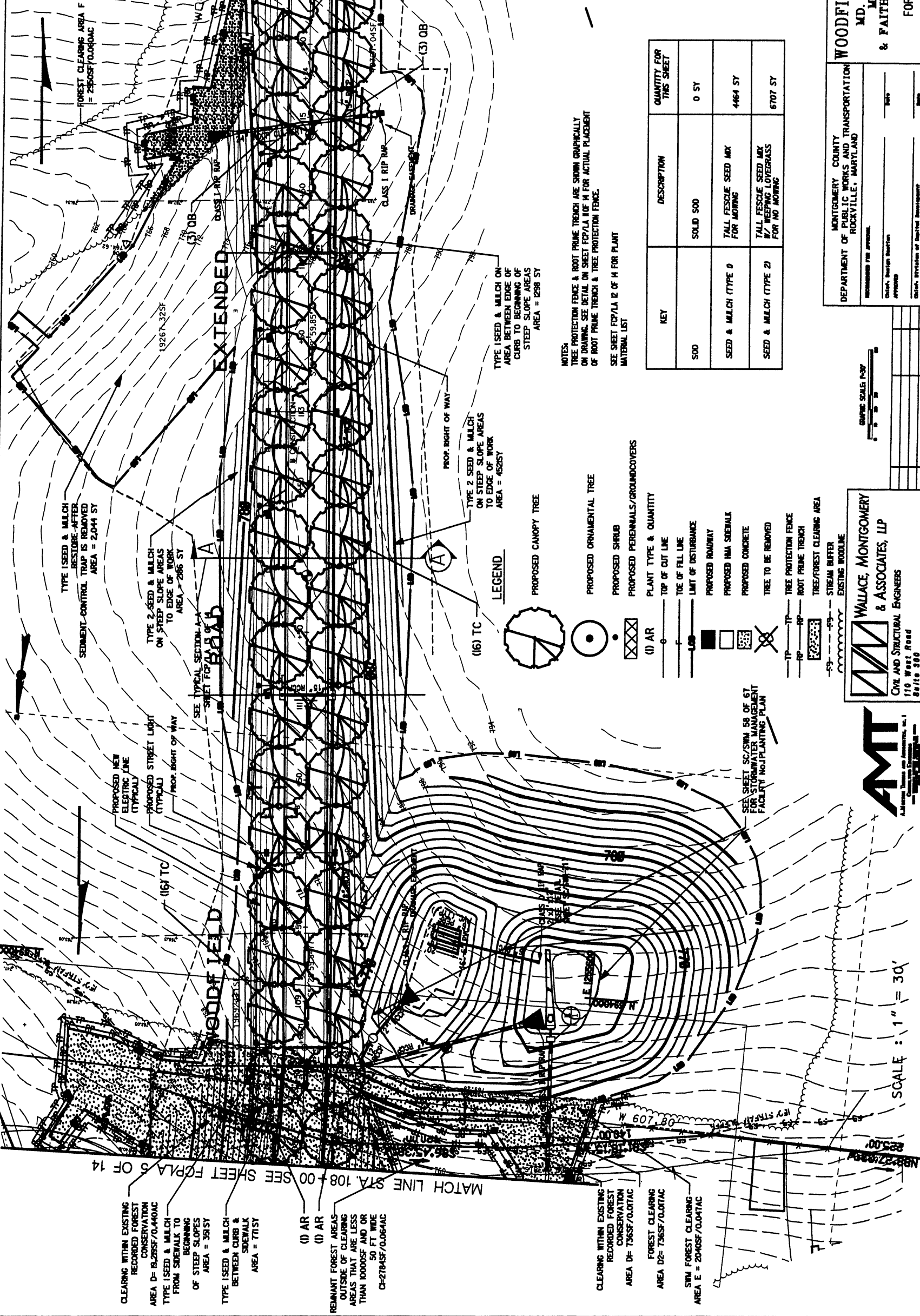
FCP/LA-5 OF 14

MONTGOMERY COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 ROCKVILLE, MARYLAND

DESIGNED BY: J. M. WALLACE
 CHECKED BY: J. M. WALLACE
 DATE: 10/26/2006

MATCH LINE STA. 116+00 SEE SHEET FCPLA 7 OF 14

MATCH LINE STA. 108+00 SEE SHEET FCPLA 5 OF 14



CLEARING WITHIN EXISTING RECORDED FOREST CONSERVATION AREA D= 16,295SF/0.40AC
 TYPE 1 SEED & MULCH FROM SIDEWALK TO BEGINNING OF STEEP SLOPES AREA = 351ST
 TYPE 1 SEED & MULCH BETWEEN CURB & SIDEWALK AREA = 711ST

REMNANT FOREST AREAS OUTSIDE OF CLEARING AREAS THAT ARE LESS THAN 10000SF AND OR 50 FT WIDE
 C=27845SF/0.064AC
 (I) AR
 (I) AR

CLEARING WITHIN EXISTING RECORDED FOREST CONSERVATION AREA D= 7365SF/0.07AC
 FOREST CLEARING AREA D2= 7365SF/0.07AC
 SWM FOREST CLEARING AREA E = 2040SF/0.047AC

TYPE 1 SEED & MULCH RESTORE AFTER SEDIMENT CONTROL TRAP IS REMOVED AREA = 2,044 ST
 TYPE 2 SEED & MULCH ON STEEP SLOPE AREAS TO EDGE OF WORK AREA = 296 ST

PROPOSED NEW ELECTRIC LINE (TYPICAL)
 PROPOSED STREET LIGHT (TYPICAL)
 PROP. RIGHT OF WAY

SEE TYPICAL SECTION A-A SHEET FCPLA 13 OF 14

TYPE 2 SEED & MULCH ON STEEP SLOPE AREAS TO EDGE OF WORK AREA = 4525ST
 TYPE 1 SEED & MULCH ON CURB TO BEGINNING OF STEEP SLOPE AREAS AREA = 1298 ST

LEGEND

- (16) TC
- PROPOSED CANOPY TREE
- PROPOSED ORNAMENTAL TREE
- PROPOSED SHRUB
- PROPOSED PERENNIALS/GROUNDCOVERS
- PLANT TYPE & QUANTITY
- TOP OF CUT LINE
- TOE OF FILL LINE
- LIMIT OF DISTURBANCE
- PROPOSED ROADWAY
- PROPOSED HMA SIDEWALK
- PROPOSED CONCRETE
- TREE TO BE REMOVED
- TREE PROTECTION FENCE
- ROOT PRUNE TRENCH
- TREE/FOREST CLEARING AREA
- STREAM BUFFER
- EXISTING HOODLINE

NOTES
 TREE PROTECTION FENCE & ROOT PRUNE TRENCH ARE SHOWN GRAPHICALLY ON DRAWING. SEE DETAIL ON SHEET FCPLA 10 OF 14 FOR ACTUAL PLACEMENT OF ROOT PRUNE TRENCH & TREE PROTECTION FENCE.
 SEE SHEET FCPLA 12 OF 14 FOR PLANT MATERIAL LIST

KEY	DESCRIPTION	QUANTITY FOR THIS SHEET
S00	SOLID S00	0 ST
SEED & MULCH (TYPE 0)	TALL FESCUE SEED MIX FOR MOWING	4464 ST
SEED & MULCH (TYPE 2)	TALL FESCUE SEED MIX WITH WEEPING LOVERGRASS FOR NO MOWING	6707 ST

GRAPHIC SCALE 1" = 30'

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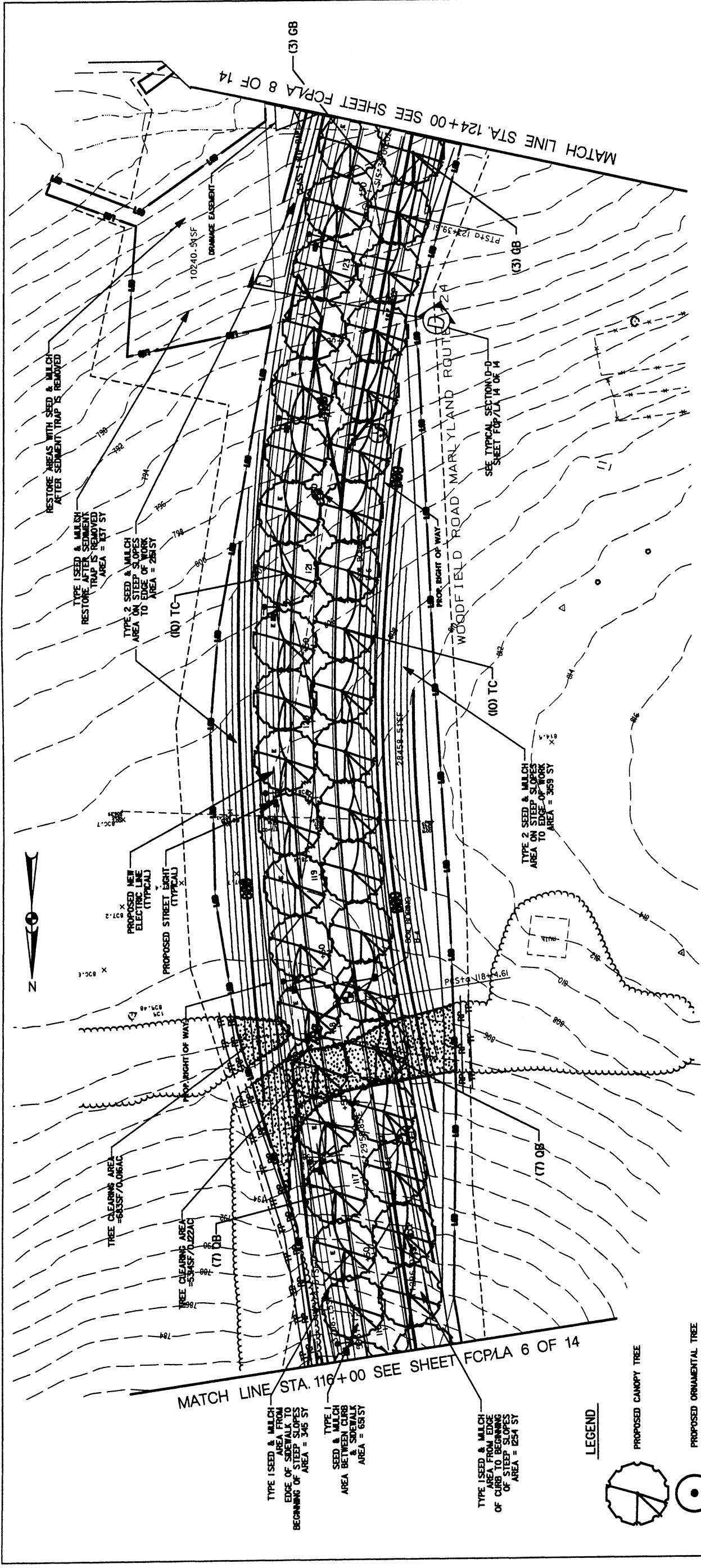


SCALE : 1" = 30'

FCPLA-6 OF 14
WOODFIELD ROAD EXTENDED
 MD. 108 (MAIN STREET) TO MD. 27 (RIDGE ROAD) & FAITH LANE AND RIDGE ROAD RECONSTRUCTION FOREST CONSERVATION PLAN & LANDSCAPE PLAN

MONTGOMERY COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 ROCKVILLE, MARYLAND

DESIGNED BY: J. M. ...
 CHECKED BY: J. M. ...
 DATE: ...



KEY	DESCRIPTION	QUANTITY FOR THIS SHEET
SOD	SOLID SOD	0 ST
SEED & MULCH (TYPE D)	TALL FESCUE SEED MAX FOR MOWING	3387 ST
SEED & MULCH (TYPE D)	TALL FESCUE SEED MAX W/ KEEPING LOVEGRASS FOR NO MOWING	530 ST

NOTES:
 TREE PROTECTION FENCE & ROOT PRUNE TRENCH ARE SHOWN GRAPHICALLY ON DRAWING. SEE DETAIL ON SHEET FCPLA 10 OF 14 FOR ACTUAL PLACEMENT OF ROOT PRUNE TRENCH & TREE PROTECTION FENCE.
 SEE SHEET FCPLA 12 OF 14 FOR PLANT MATERIAL LIST

- LEGEND**
- PROPOSED CANOPY TREE
 - PROPOSED ORNAMENTAL TREE
 - PROPOSED SHRUB
 - PROPOSED PERENNIALS/GROUNDCOVERS
 - PLANT TYPE & QUANTITY
 - (1) AR
 - TOP OF CUT LINE
 - TOE OF FILL LINE
 - LIMIT OF DISTURBANCE
 - PROPOSED ROADWAY
 - PROPOSED HMA SIDEWALK
 - PROPOSED CONCRETE
 - TREE TO BE REMOVED
 - TREE PROTECTION FENCE
 - ROOT PRUNE TRENCH
 - TREE/FOREST CLEARING AREA
 - STREAM BUFFER
 - EXISTING BOUNDLINE

SCALE : 1" = 30'

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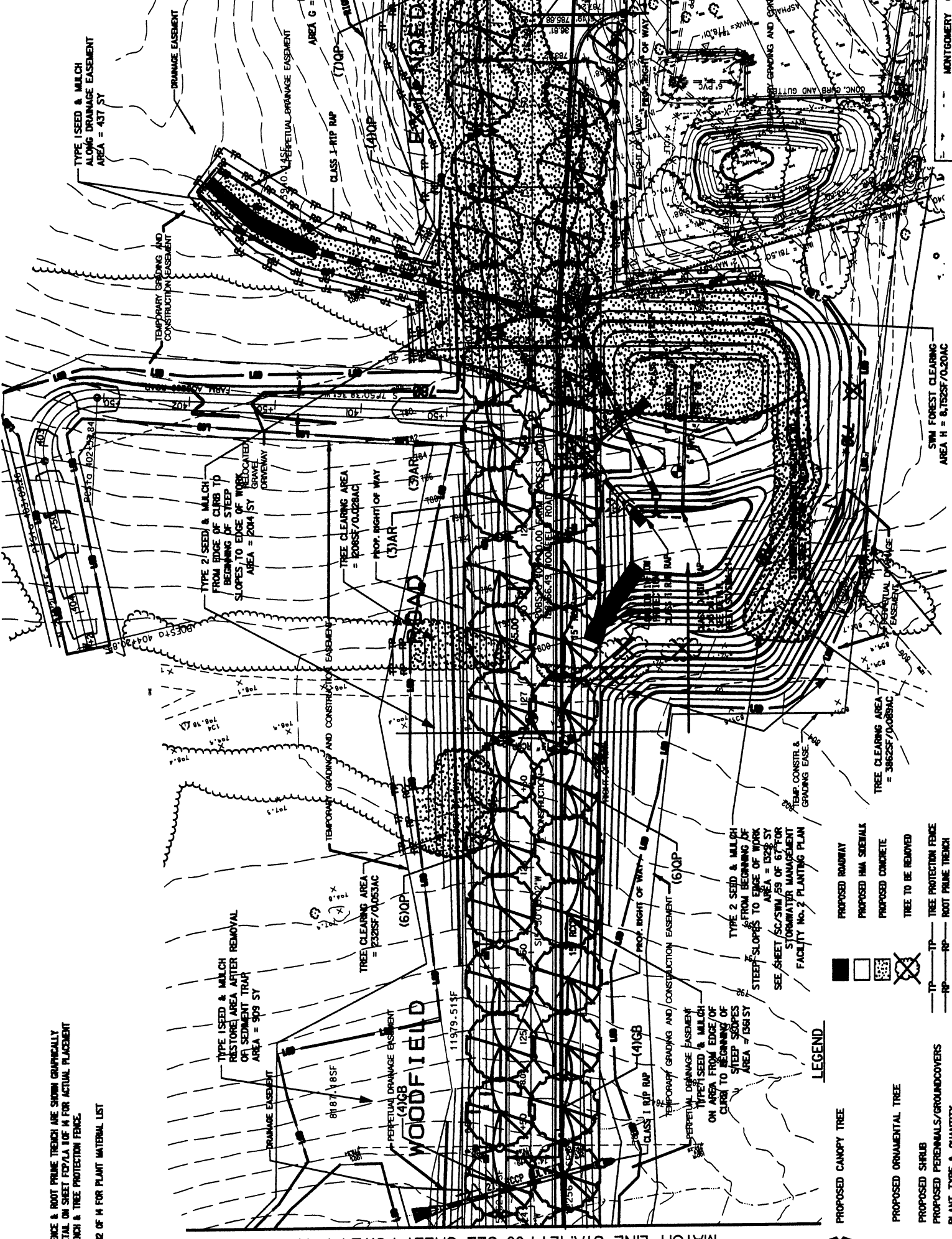


DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 ROCKVILLE, MARYLAND

MONTGOMERY COUNTY
 WOODFIELD ROAD EXTENDED
 MD. 108 (MAIN STREET) TO
 MD. 27 (RIDGE ROAD)
 & FAITH LANE AND RIDGE ROAD
 RECONSTRUCTION
 FOREST CONSERVATION PLAN
 & LANDSCAPE PLAN

Project No. 150018
 SHEET 156 OF 180

KEY	DESCRIPTION	QUANTITY FOR THIS SHEET
S00	SOLID S00	0 SY
	SEED & MULCH (TYPE 0)	4774 SY
	SEED & MULCH (TYPE 2)	3343 SY



KEY	DESCRIPTION	QUANTITY FOR THIS SHEET
S00	SOLID S00	0 SY
	SEED & MULCH (TYPE 0)	4774 SY
	SEED & MULCH (TYPE 2)	3343 SY

NOTES:
 TREE PROTECTION FENCE & ROOT PRIME TRENCH ARE SHOWN GRAPHICALLY ON DRAWING. SEE DETAIL ON SHEET FCPLA 10E H FOR ACTUAL PLACEMENT OF ROOT PRIME TRENCH & TREE PROTECTION FENCE.
 SEE SHEET FCPLA 2 OF 14 FOR PLANT MATERIAL LIST

MATCH LINE STA. 124+00 SEE SHEET FCPLA 7 OF 14

MATCH LINE STA. 132+00 SEE SHEET FCPLA 9 OF 14

WOODFIELD ROAD

WOODFIELD ROAD EXTENDED

CLASS 1 RIP RAP

PERPETUAL DRAINAGE EASEMENT

FOREST CLEARING AREA G = 30832SF/0.70AC

TYPE 1 SEED & MULCH FROM EDGE OF CURB TO BEGINNING OF STEEP SLOPES TO EDGE OF WORK AREA = 1328 SF

TYPE 2 SEED & MULCH FROM EDGE OF CURB TO BEGINNING OF STEEP SLOPES TO EDGE OF WORK AREA = 2004 SF

TREE CLEARING AREA = 2008 SF/0.028AC

TREE CLEARING AREA = 2328 SF/0.053AC

TREE CLEARING AREA = 3828 SF/0.088AC

TREE CLEARING AREA = 3828 SF/0.088AC

STEM FOREST CLEARING AREA H = 8,172 SF/0.20AC

PROPOSED NEW ELECTRIC LINE (TYPICAL)

PROPOSED STREET LIGHT (TYPICAL)

TYPE 1 SEED & MULCH FROM SIDEWALK TO BEGINNING OF STEEP SLOPES, AND AROUND THE DRIVEWAY AREA = 1350 SY

TYPE 1 SEED & MULCH AREA BETWEEN CURB & SIDEWALK AREA = 640 SY

TYPE 1 SEED & MULCH AREA FROM EDGE OF CURB TO END OF WORK AREA = 17 SY

WOODFIELD ROAD

WOODFIELD ROAD EXTENDED

CLASS 1 RIP RAP

PERPETUAL DRAINAGE EASEMENT

FOREST CLEARING AREA G = 30832SF/0.70AC

TYPE 1 SEED & MULCH FROM EDGE OF CURB TO BEGINNING OF STEEP SLOPES TO EDGE OF WORK AREA = 1328 SF

TYPE 2 SEED & MULCH FROM EDGE OF CURB TO BEGINNING OF STEEP SLOPES TO EDGE OF WORK AREA = 2004 SF

TREE CLEARING AREA = 2008 SF/0.028AC

TREE CLEARING AREA = 2328 SF/0.053AC

TREE CLEARING AREA = 3828 SF/0.088AC

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STEM FOREST CLEARING AREA H = 8,172 SF/0.20AC

PROPOSED NEW ELECTRIC LINE (TYPICAL)

PROPOSED STREET LIGHT (TYPICAL)

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TYPE 1 SEED & MULCH AREA FROM EDGE OF CURB TO END OF WORK AREA = 17 SY

WOODFIELD ROAD

WOODFIELD ROAD EXTENDED

CLASS 1 RIP RAP

PERPETUAL DRAINAGE EASEMENT

FOREST CLEARING AREA G = 30832SF/0.70AC

TYPE 1 SEED & MULCH FROM EDGE OF CURB TO BEGINNING OF STEEP SLOPES TO EDGE OF WORK AREA = 1328 SF

TYPE 2 SEED & MULCH FROM EDGE OF CURB TO BEGINNING OF STEEP SLOPES TO EDGE OF WORK AREA = 2004 SF

TREE CLEARING AREA = 2008 SF/0.028AC

TREE CLEARING AREA = 2328 SF/0.053AC

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PROPOSED NEW ELECTRIC LINE (TYPICAL)

PROPOSED STREET LIGHT (TYPICAL)

TYPE 1 SEED & MULCH FROM SIDEWALK TO BEGINNING OF STEEP SLOPES, AND AROUND THE DRIVEWAY AREA = 1350 SY

TYPE 1 SEED & MULCH AREA BETWEEN CURB & SIDEWALK AREA = 640 SY

TYPE 1 SEED & MULCH AREA FROM EDGE OF CURB TO END OF WORK AREA = 17 SY

LEGEND

PROPOSED CANOPY TREE

PROPOSED ORNAMENTAL TREE

PROPOSED SHRUB

PROPOSED PERENNIALS/GROUNDCOVERS

PLANT TYPE & QUANTITY

TOP OF CUT LINE

TOP OF FILL LINE

LIMIT OF DISTURBANCE

PROPOSED ROWWAY

PROPOSED HMA SIDEWALK

PROPOSED CONCRETE

TREE TO BE REMOVED

TREE PROTECTION FENCE

ROOT PRIME TRENCH

TREE FOREST CLEARING AREA

STREAM BUFFER

EXISTING MOULINE

LEGEND

PROPOSED CANOPY TREE

PROPOSED ORNAMENTAL TREE

PROPOSED SHRUB

PROPOSED PERENNIALS/GROUNDCOVERS

PLANT TYPE & QUANTITY

TOP OF CUT LINE

TOP OF FILL LINE

LIMIT OF DISTURBANCE

PROPOSED ROWWAY

PROPOSED HMA SIDEWALK

PROPOSED CONCRETE

TREE TO BE REMOVED

TREE PROTECTION FENCE

ROOT PRIME TRENCH

TREE FOREST CLEARING AREA

STREAM BUFFER

EXISTING MOULINE

LEGEND

PROPOSED CANOPY TREE

PROPOSED ORNAMENTAL TREE

PROPOSED SHRUB

PROPOSED PERENNIALS/GROUNDCOVERS

PLANT TYPE & QUANTITY

TOP OF CUT LINE

TOP OF FILL LINE

LIMIT OF DISTURBANCE

PROPOSED ROWWAY

PROPOSED HMA SIDEWALK

PROPOSED CONCRETE

TREE TO BE REMOVED

TREE PROTECTION FENCE

ROOT PRIME TRENCH

TREE FOREST CLEARING AREA

STREAM BUFFER

EXISTING MOULINE

FCP/LA-8 OF 14

WOODFIELD ROAD EXTENDED

MD. 108 (MAIN STREET) TO MD. 27 (RIDGE ROAD) & FAITH LANE AND RIDGE ROAD RECONSTRUCTION PLAN & LANDSCAPE PLAN

MONTGOMERY COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION ROCKVILLE, MARYLAND

Project No. 157 of 180

WALLACE, MONTGOMERY & ASSOCIATES, LLP

CIVIL AND STRUCTURAL ENGINEERS

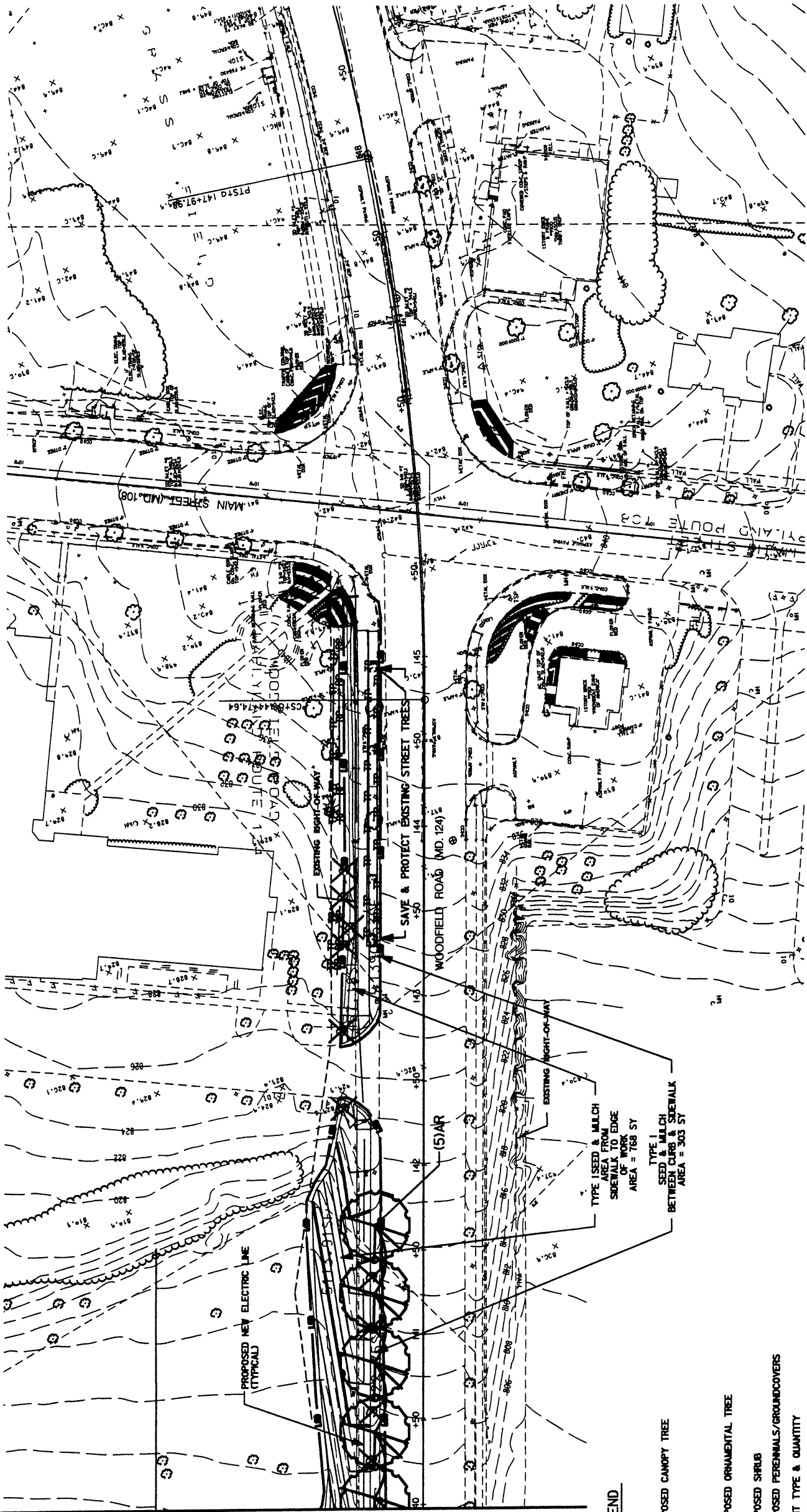
110 West Road
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SCALE: 1" = 30'

AMT

10/26/2006 11:45:26 AM

MATCH LINE STA. 132+00 SEE SHEET FCPLA 9 OF 14



LEGEND

- PROPOSED CANOPY TREE
- PROPOSED ORNAMENTAL TREE
- PROPOSED SHRUB
- PROPOSED PERENNIALS/GROUNDCOVERS
- PLANT TYPE & QUANTITY
- TOP OF CUT LINE
- TOE OF FILL LINE
- LIMIT OF DISTURBANCE
- PROPOSED ROADWAY
- PROPOSED HMA SIDEWALKS
- PROPOSED CONCRETE
- TREE TO BE REMOVED
- TREE PROTECTION FENCE
- TREE PRIME TRENCH
- TREE/FOREST CLEARING AREA
- STREAM BUFFER
- EXISTING WOODLINE

KEY	DESCRIPTION	QUANTITY FOR THIS SHEET
S00	SOLID SOO	0 SY
SEED & MULCH (TYPE 1)	TALL FESCUE SEED MIX FOR MOWING	871 SY
SEED & MULCH (TYPE 2)	TALL FESCUE SEED MIX WITH PERENNIALS/LOPERGRASS FOR NO MOWING	0 SY

SCALE : 1" = 30'

NOTES
 TREE PROTECTION FENCE & ROOT PRIME TRENCH ARE SHOWN GRAPHICALLY ON DRAWING. SEE DETAIL ON SHEET FCPLA 10 OF 14 FOR ACTUAL PLACEMENT OF ROOT PRIME TRENCH & TREE PROTECTION FENCE.
 SEE SHEET FCPLA 12 OF 14 FOR PLANT MATERIAL LIST.



WALLACE, MONTGOMERY & ASSOCIATES, LP
 CIVIL AND STRUCTURAL ENGINEERS
 110 West Road
 Suite 300
 Towson, Maryland 21284

GRAPHIC SCALE 1"=30'

FCPLA-10 OF 14
WOODFIELD ROAD EXTENDED
 MD. 108 (MAIN STREET) TO
 MD. 27 (RIDGE ROAD)
 & FAITH LANE AND RIDGE ROAD
 RECONSTRUCTION
 FOREST CONSERVATION PLAN
 & LANDSCAPE PLAN

MONTGOMERY COUNTY
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 ROCKVILLE, MARYLAND

Project No. : 000818
 Sheet : 159 of 160

PROPOSED LANDSCAPE PLANT MATERIALS

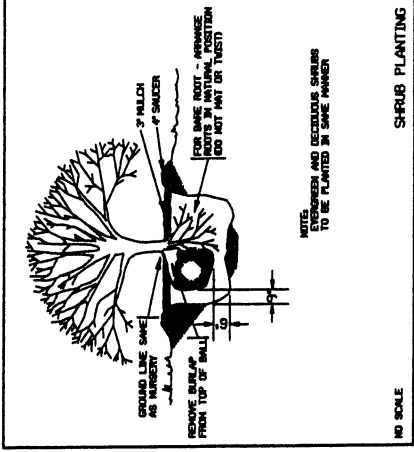
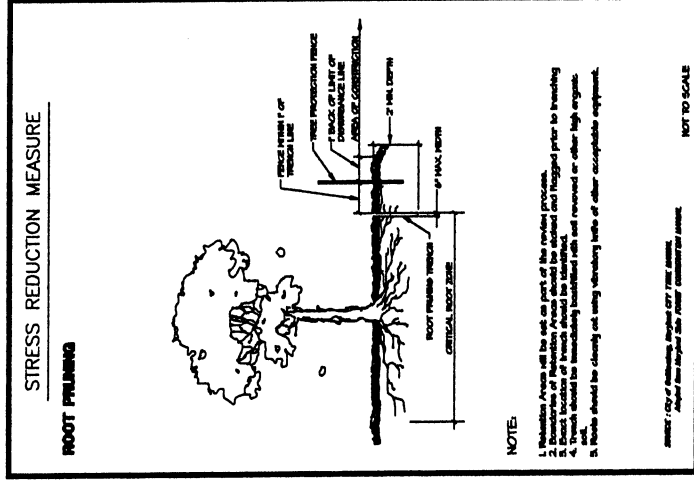
KEY	BOTANICAL NAME	COMMON NAME	SIZE	FORM	SPACING	QUANTITY	COMMENTS
AR	ACER RUBRUM "OCTOBER GLORY"	OCTOBER GLORY MAPLE	2'-2.5' CAL	B&B	SHOWN	38	RICH RED FALL COLOR
IC	ILEX CORNUTA "BURFORDII WANN"	DWARF BURFORD HOLLY	15'-18"	#3 CONT.	18" O.C.	588	COMPACT SLOW GROWING HOLLY
CK	CORNUS KOUSA	KOUSA DOGWOOD	6'-7'	B&B	SHOWN	2	ORNAMENTAL TREE
GB	GINKGO BILoba (MALE)	MALE GINKGO	2'-2.5' CAL	B&B	SHOWN	14	STREET TREE
JC	JUNIPERUS CHINENSIS VAR. SARGENTII	SARGENT JUNIPER	12'-15"	#3 CONT.	18" O.C.	2789	
PK	PRUNUS SERRULATA "KWANZAN" CHERRY	KWANZAN CHERRY	4'-4.5'	B&B	SHOWN	6	PINK FLOWERS
OB	QUERCUS BOREALIS	RED OAK	2'-2.5'	B&B	SHOWN	29	SCARLET FALL COLOR
OP	QUERCUS PHELLOS	WILLOW OAK	2'-2.5'	B&B	SHOWN	58	STREET TREE
TC	TILIA CORDATA	LITTLELEAF LINDEN	2'-2.5'	B&B	SHOWN	52	STREET TREE

ROADSIDE SOD AREAS	SQUARE YARDS	USE
TALL FESCUE CERTIFIED SEED 04.17.02Z		STABILIZATION
KENTUCKY BLUEGRASS CERTIFIED SEED 04.17.02Z	14,441	
PERENNIAL RYE GRASS CERTIFIED SEED 04.17.02Z		

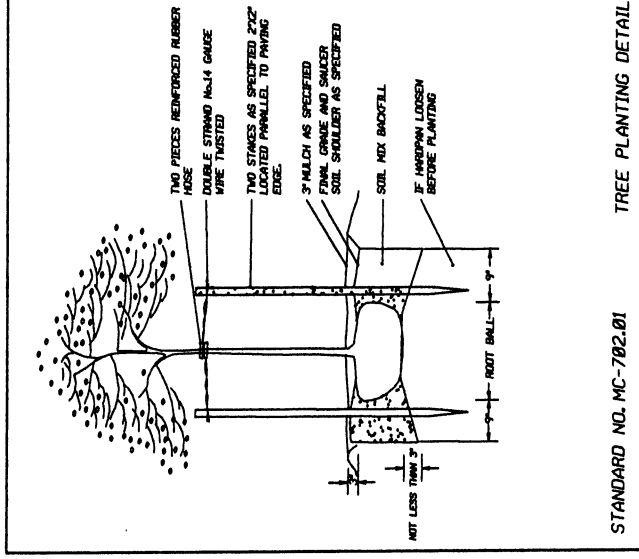
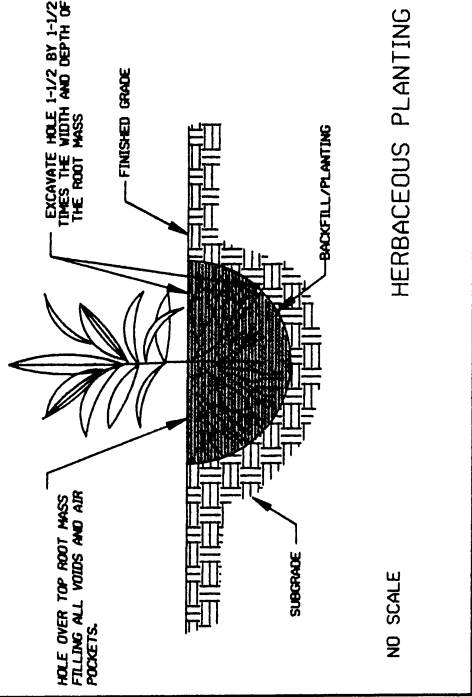
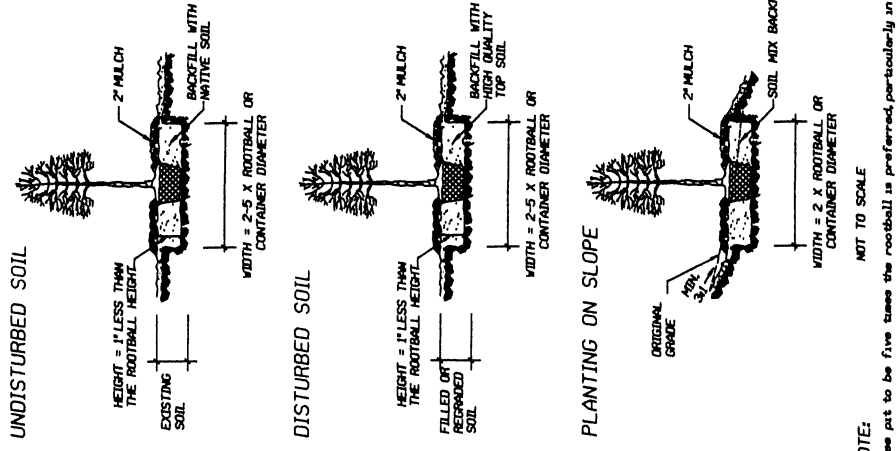
SEED MIX #1 ROADSIDE AREAS FOR MOWING	SQUARE YARDS	USE
TALL FESCUE CERTIFIED SEED 04.17.02Z	17,818	STABILIZATION
KENTUCKY BLUEGRASS CERTIFIED SEED 04.17.02Z		
PERENNIAL RYE GRASS CERTIFIED SEED 04.17.02Z		

SEED MIX #2 SLOPE AREAS TYPE 2 FOR NO MOWING	SQUARE YARDS	USE
TALL FESCUE CERTIFIED SEED 04.17.02Z	15,408	STABILIZATION
KENTUCKY BLUEGRASS CERTIFIED SEED 04.17.02Z		
PERENNIAL RYE GRASS CERTIFIED SEED 04.17.02Z		
WEeping LOVEGRASS ADDITIVE @ 4 LBS./AC		
RYE GRASS ADDITIVE @ 22 LBS./AC		

* TREE CANOPY CREDIT
 AR 1,525SF x 38 TREES = 43,776SF
 CK 388SF x 2 TREES = 776SF
 PK 388SF x 6 TREES = 2,328SF
 GB 848SF x 14 TREES = 11,872SF
 OB 2275SF x 29 TREES = 65,975SF
 OP 2275SF x 58 TREES = 131,950SF
 TC 768SF x 52 TREES = 39,936SF
 TOTAL = 128,866 SF / 2.94AC



STAKED TREE SPECIFICATION(2)



FCPLA-12 OF 14

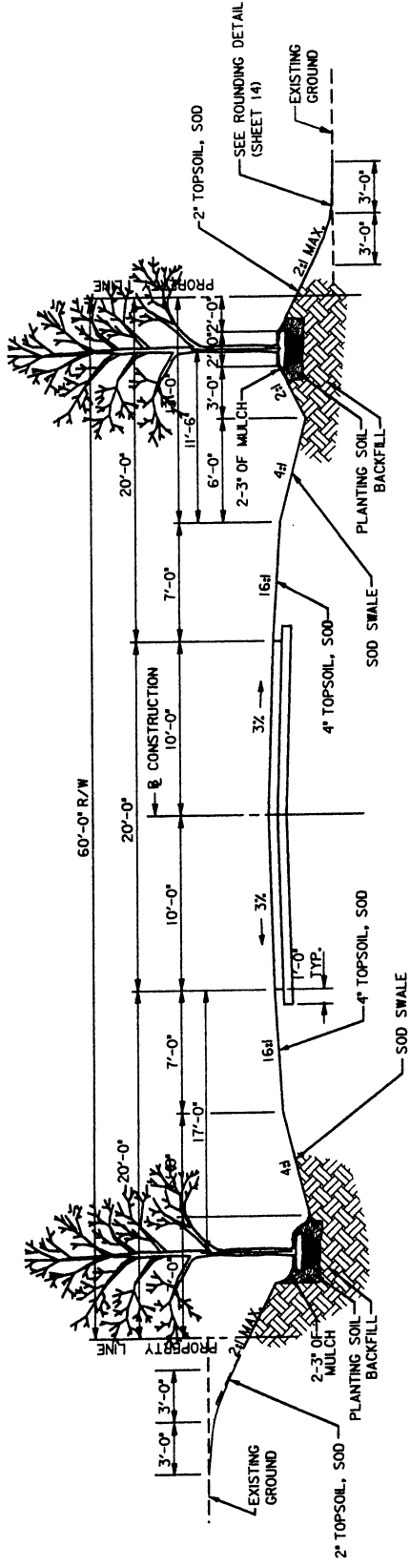
WOODFIELD ROAD EXTENDED
 MD. 108 (MAIN STREET) TO
 MD. 27 (RIDGE ROAD)
 & FAITH LANE AND RIDGE ROAD
 RECONSTRUCTION &
 FOREST CONSERVATION &
 LANDSCAPE NOTES & DETAILS
 Project No. 150058

MONTGOMERY COUNTY
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 ROCKVILLE, MARYLAND
 Approved for Approval: _____
 Date: _____
 Checked: Inquiries/Revisions: _____
 Date: _____
 Prepared by: L. _____
 Drawn by: L. _____

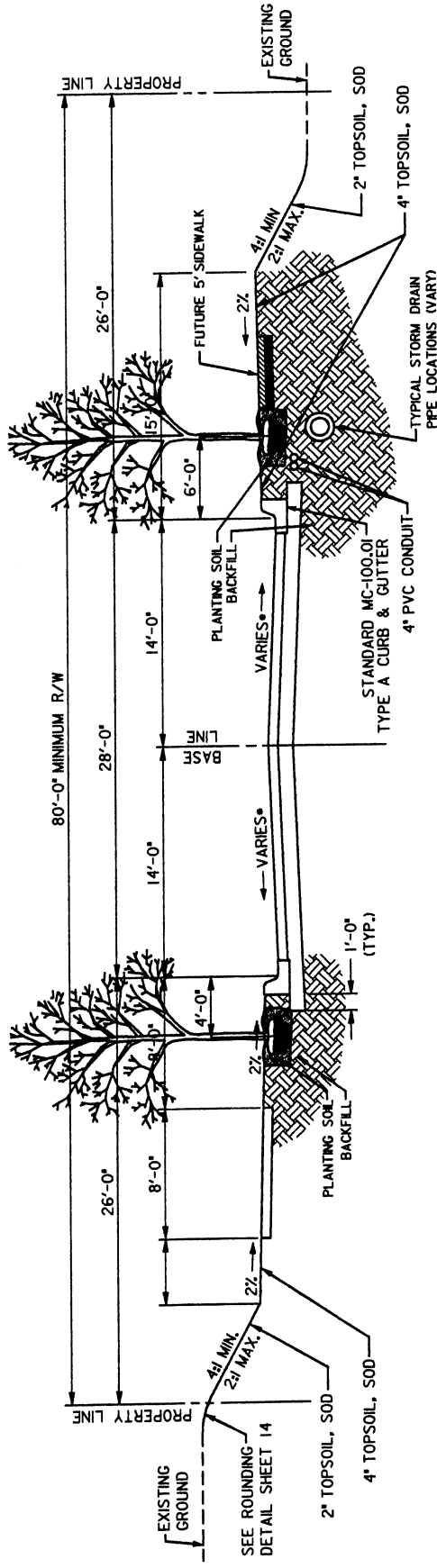
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TYPICAL SECTIONS



SECTION C-C
FAITH LANE STATION 301+00 TO 303+35



SECTION D-D
WOODFIELD ROAD STATION 116+59 TO 118+92
AND 122+62 TO 124+95

FCP/LA-14 OF 14

MONTGOMERY COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION ROCKVILLE, MARYLAND	WOODFIELD ROAD EXTENDED MD. 108 (MAIN STREET) TO MD. 27 (RIDGE ROAD) & FAITH LANE AND RIDGE ROAD RECONSTRUCTION TYPICAL SECTIONS
Checked by: _____ Approved: _____	Drawn by: _____ Checked by: _____
Scale: _____	Sheet: 163 of 180