

### MINIMUM COVER FOR CONCRETE PIPE

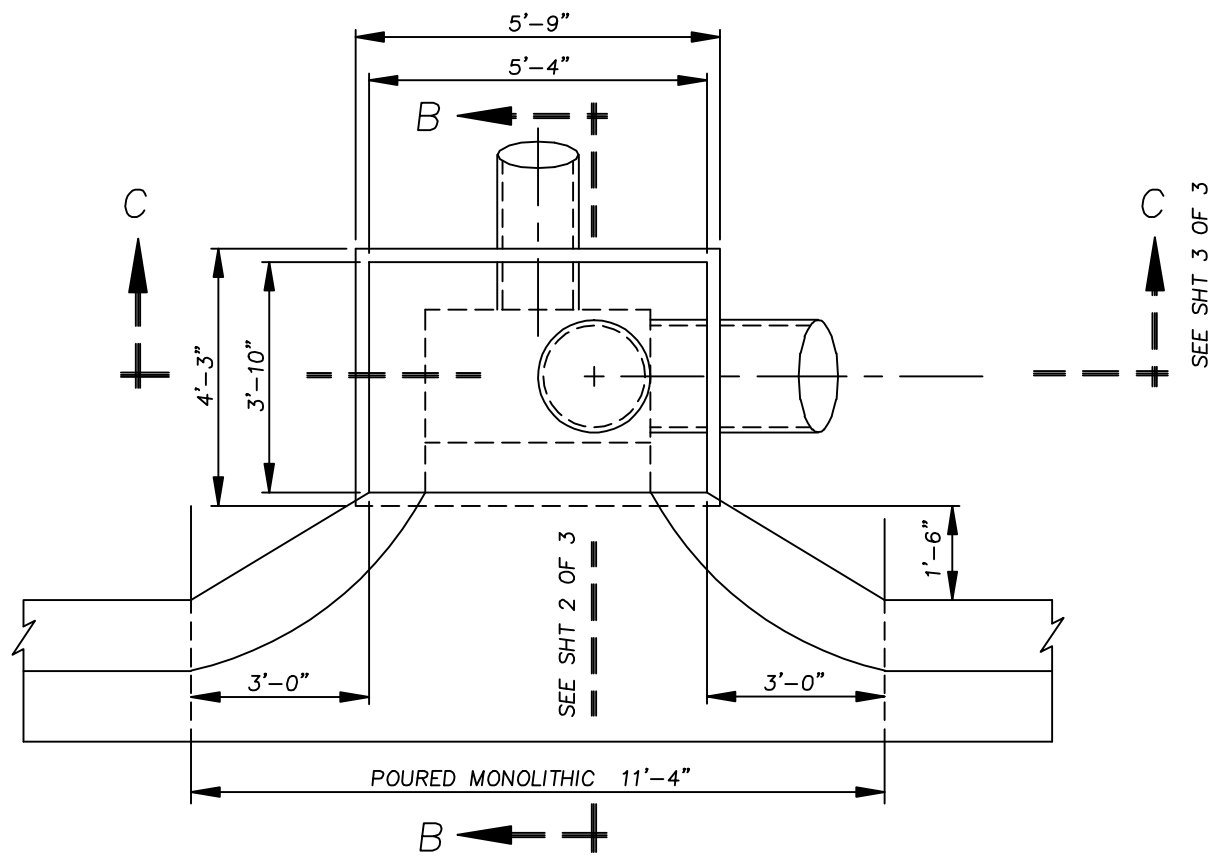
GENERAL NOTES:

1. THE RECOMMENDED 6" MINIMUM DIMENSION IS TO WITHSTAND ANTICIPATED HIGHWAY TRAFFIC LOADS. ADDITIONAL COVER MAY BE REQUIRED TO SUPPORT CONSTRUCTION EQUIPMENT LOADS OR HIGHWAY TRAFFIC LOADS BEFORE PAVEMENT IS COMPLETED. SOME SIZE THICKNESS COMBINATIONS MAY REQUIRE MINIMUM COVER GREATER THAN THE ONE LISTED ABOVE.
2. 6" MIN. COVER SHOWN IS STANDARD INSTALLATION. THE COUNTY ENGINEER MAY REQUIRE MORE COVER AND/OR BASE DEPENDING ON SITE CONDITIONS. (THESE FEATURES MAY INCLUDE BUT ARE NOT LIMITED TO EXTRA STRENGTH PIPE, SELECT BEDDING, SELECT BACKFILL AND ENCASEMENT). REFERENCE F.D.O.T. INDEX 205.

TITLE: DRAINAGE / EROSION STANDARD  
COVER HEIGHTS

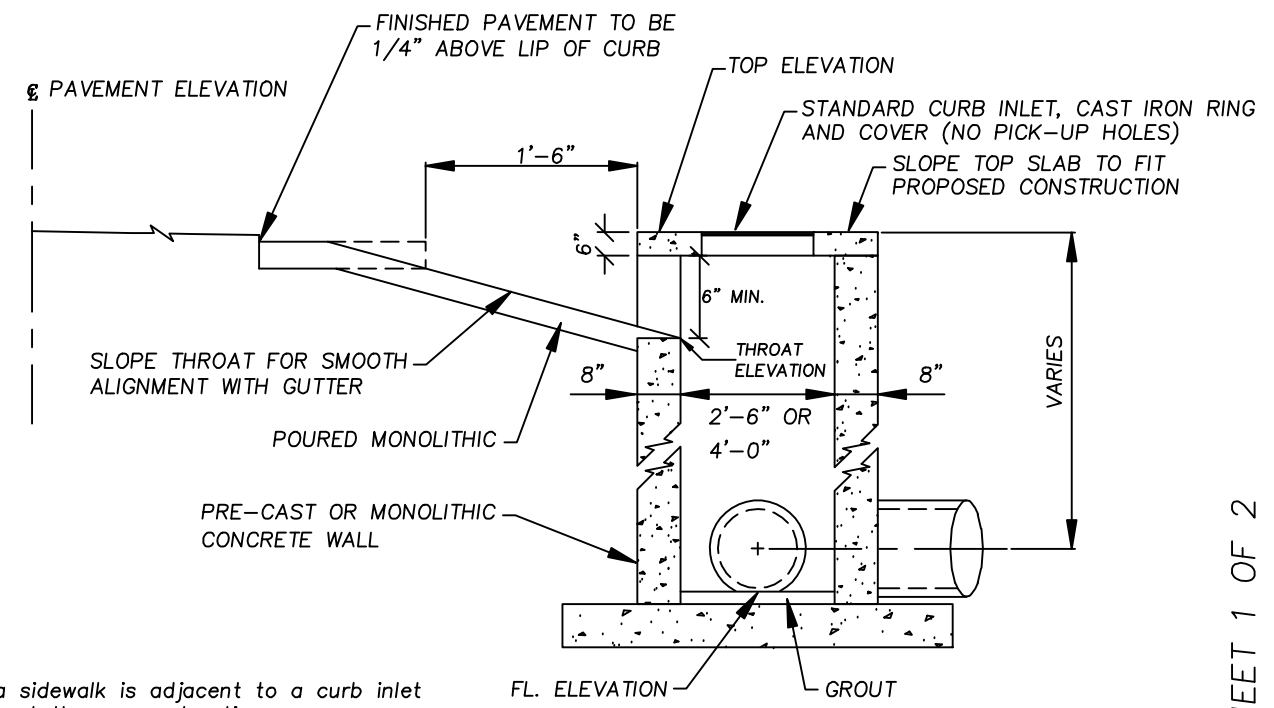
APPROVED BY: C. G. MIXSON, P. E.  
DATE: 10-01-08  
ND: III-01

HERNANDO COUNTY  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
1525 E. JEFFERSON ST.  
BROOKSVILLE, FLORIDA 34601  
PH. (352)754-4062 FAX. (352)754-4423



INLET FOR MIAMI GUTTER

TYPE I INLET                      N.T.S.



NOTE: If a sidewalk is adjacent to a curb inlet it shall be at the same elevation.

SECTION B - B

N.T.S.

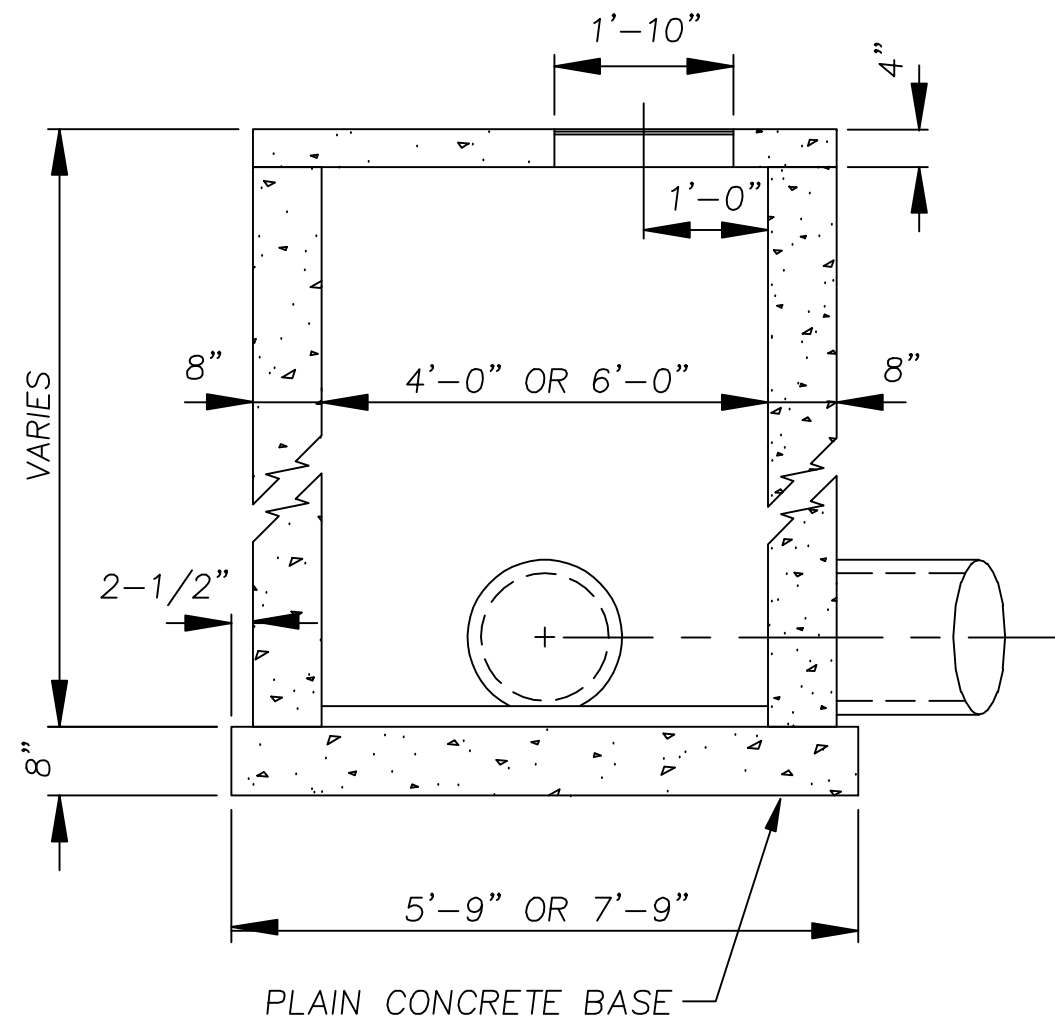
SHEET 1 OF 2

TITLE: DRAINAGE / EROSION STANDARD  
CURB INLET

HERNANDO COUNTY  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION

APPROVED BY: C. G. MIXSON, P.E.  
DATE: 10-01-08  
NO.: III-02

1525 E. JEFFERSON ST.  
BROOKSVILLE, FLORIDA 34601  
PH. (352)754-4062 FAX. (352)754-4423



SECTION C - C

N.T.S.

NOTES:

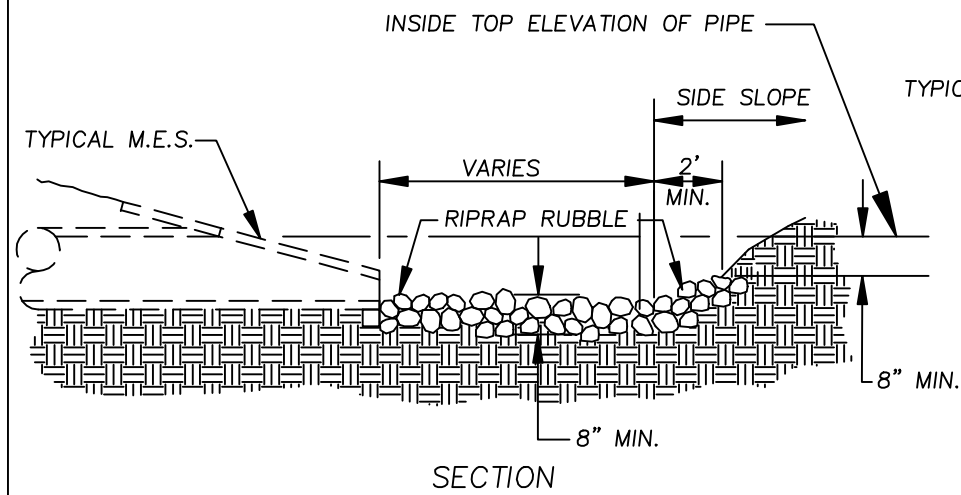
1. STRUCTURE CAN BE MODIFIED FOR SINGLE OR DOUBLE THROAT.
2. SEE F.D.O.T. STANDARD NO. 210 FOR STEEL REINFORCING IN TOP SLAB.
3. STRUCTURES LARGER THAN 4' X 6' (INSIDE) SHALL BE PRE-CAST OR CAST-IN-PLACE.
4. REINFORCING - NO.4 BARS @ 12" CENTERS UNLESS OTHERWISE NOTED. CUT OR BEND BARS OUT OF THE WAY OF PIPE WHEN NECESSARY. BARS TO CLEAR PIPE BY 1-1/2".
5. RECOMMENDED MAXIMUM PIPE SIZES ARE 24" LONGITUDINAL AND 30" TRANSVERSE. FOR LARGER PIPE, INLETS WITH BOTTOMS TYPE J, ALT. B, INDEX NO. 200 ARE RECOMMENDED.
6. FOR MANHOLE AND JUNCTION BOX TOPS, FOR FRAMES AND COVERS, AND, FOR SUPPLEMENTARY DETAILS SEE INDEX NO. 201.

SHEET 2 OF 2

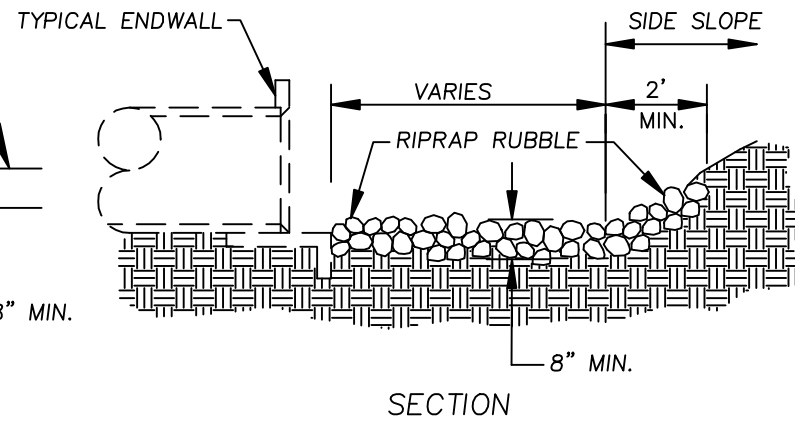
HERNANDO COUNTY  
 DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING DIVISION  
 1525 E. JEFFERSON ST.  
 BROOKSVILLE, FLORIDA 34601  
 PH. (352)754-4062 FAX. (352)754-4423

TITLE: DRAINAGE / EROSION STANDARD  
 CURB INLET

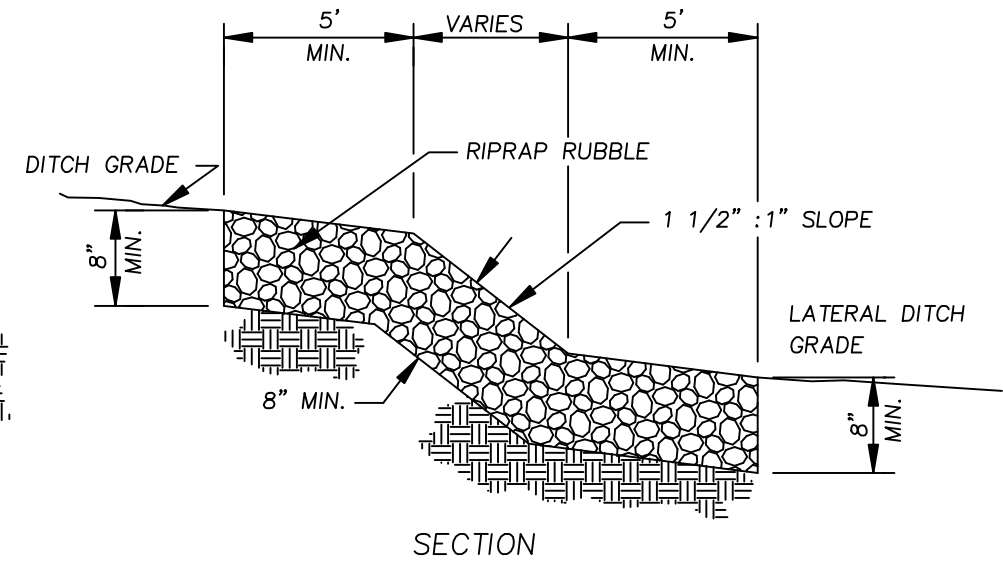
APPROVED BY: C. G. MIXSON, P.E.  
 DATE: 10-01-08  
 NO.: III-03



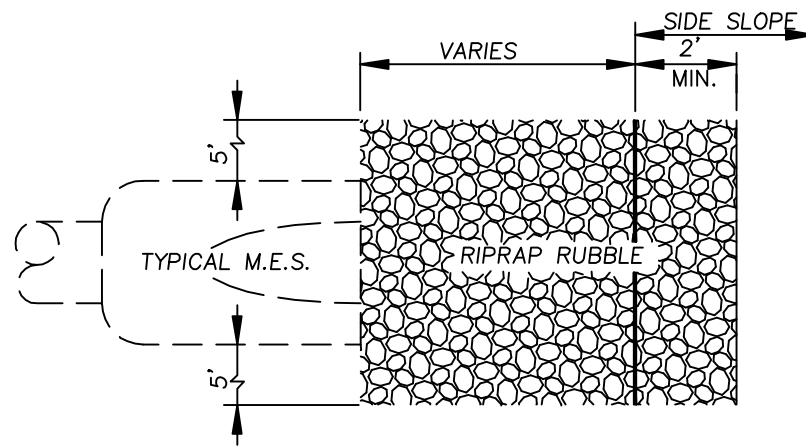
SECTION



SECTION

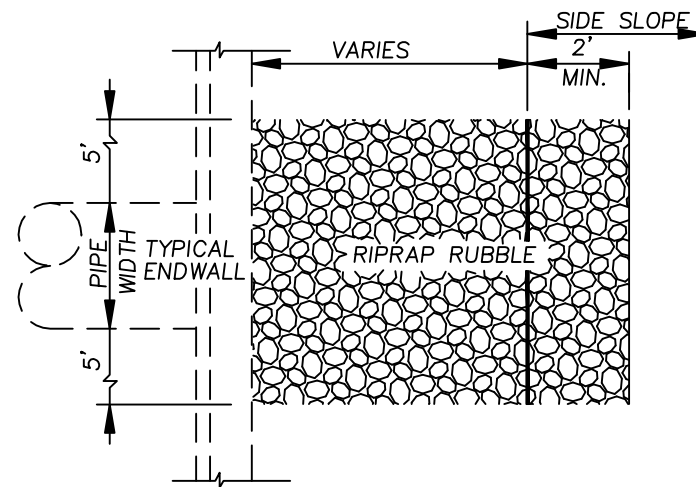


SECTION



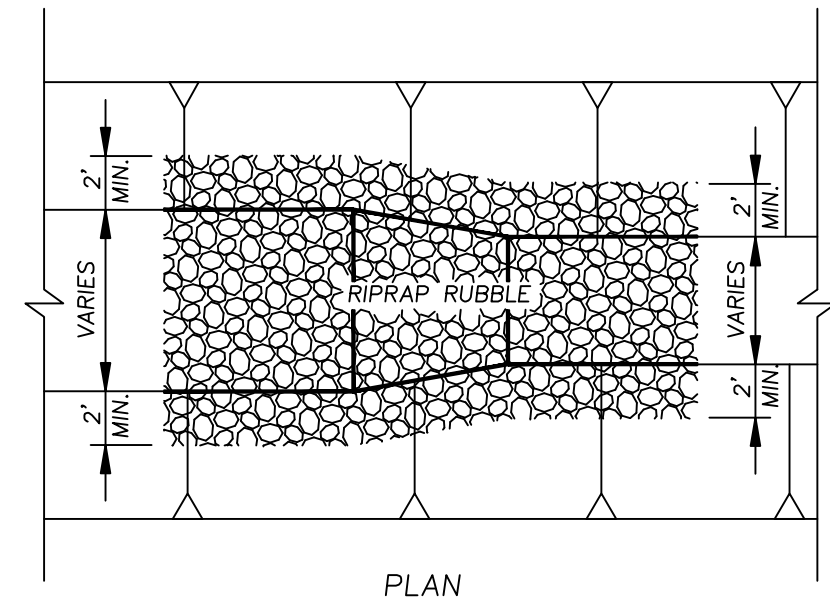
PLAN

TYP. M.E.S. w/  
RIPRAP RUBBLE



PLAN

TYP. ENDWALL w/  
RIPRAP RUBBLE



PLAN

TYP. DITCH w/  
RIPRAP RUBBLE

GENERAL NOTES

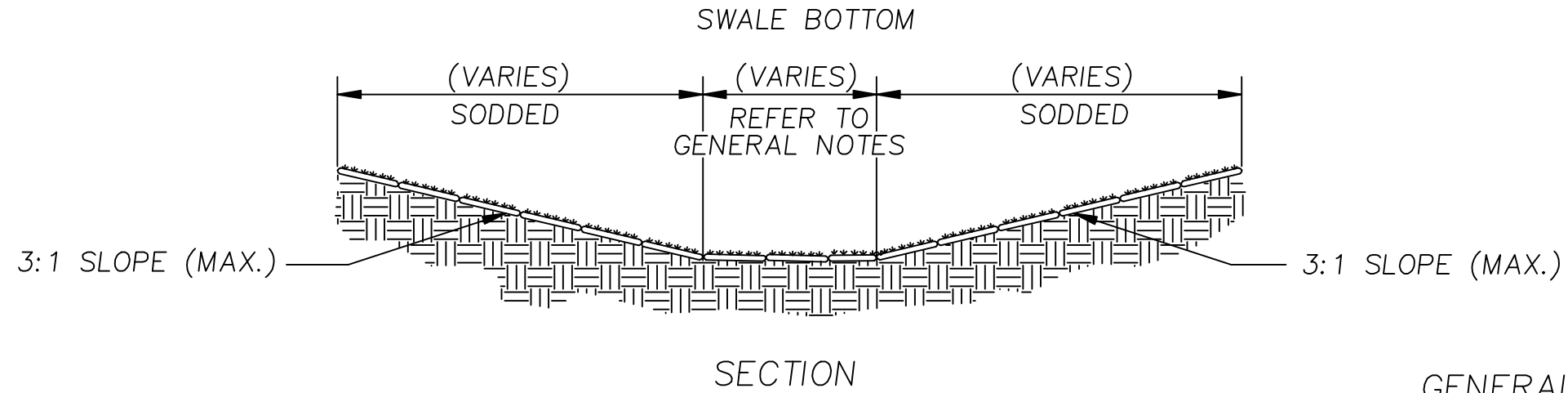
1. REFER TO F.D.O.T. STANDARD SPECIFICATIONS SECTION 530 FOR ADDITIONAL RIPRAP RUBBLE SPECIFICATIONS.

2. GEOTEXTILE SHALL BE INSTALLED BEFORE ANY RIP RAP IS PLACED. GEOTEXTILE SHALL CONFORM TO F.D.O.T. SPEC 530 AND 514.

TITLE: DRAINAGE / EROSION STANDARD  
RIPRAP

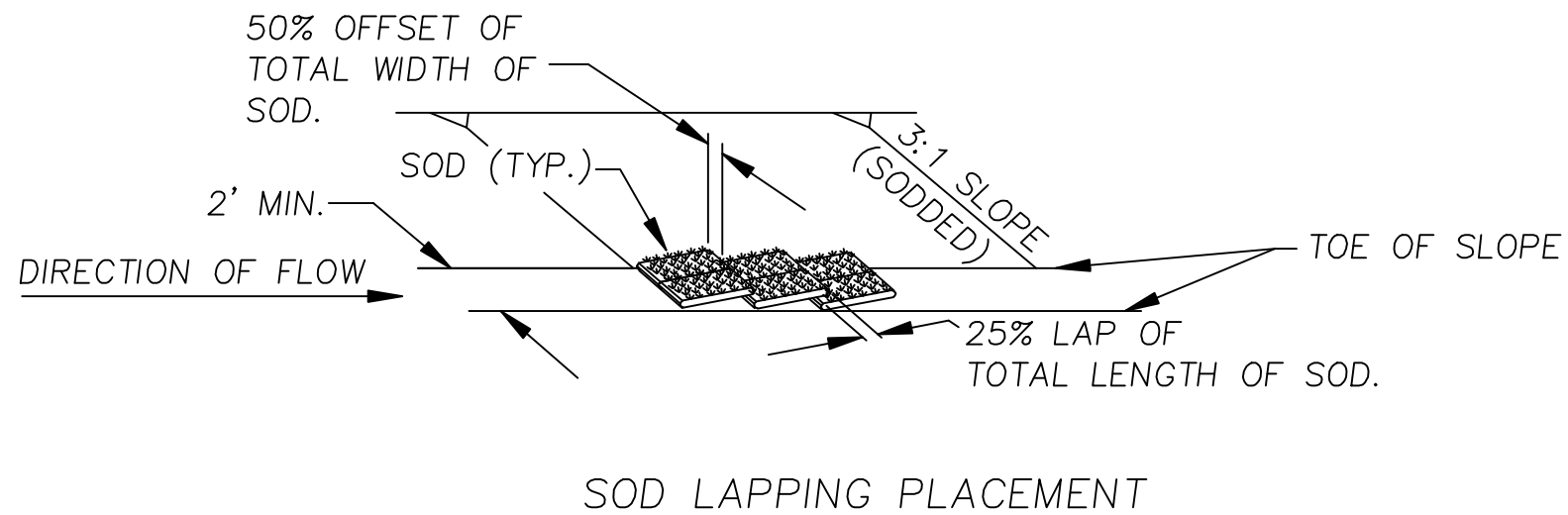
APPROVED BY: C. G. MIXSON, P.E.  
DATE: 10-01-08  
NO.: III-04

HERNANDO COUNTY  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
1525 E. JEFFERSON ST.  
BROOKSVILLE, FLORIDA 34601  
PH. (352)754-4062 FAX. (352)754-4423



GENERAL NOTES

1. REFER TO F.D.O.T. STANDARD SPECIFICATION SECT. 575 FOR SODDING SPECIFICATIONS.
2. REFER TO F.D.O.T. STANDARD SPECIFICATION SECT. 570 FOR SEEDING AND MULCHING.
3. LESS THAN 3% SWALE FLOW LINE GRADES SHALL BE SEEDED & MULCHED.
4. 3% TO 5% SWALE FLOW LINE GRADES REQUIRES STRIP SODDING ACROSS SWALES EVERY 20' MAX.
5. 5% TO 8% SWALE GRADES REQUIRE SWALES TO BE FULLY SODDED. SOD SHALL BE OVER LAPPED AT BOTTOM OF SWALES.
6. SWALE FLOWLINES GREATER THAN 8% SHALL HAVE SOD PEGGED IN PLACE.



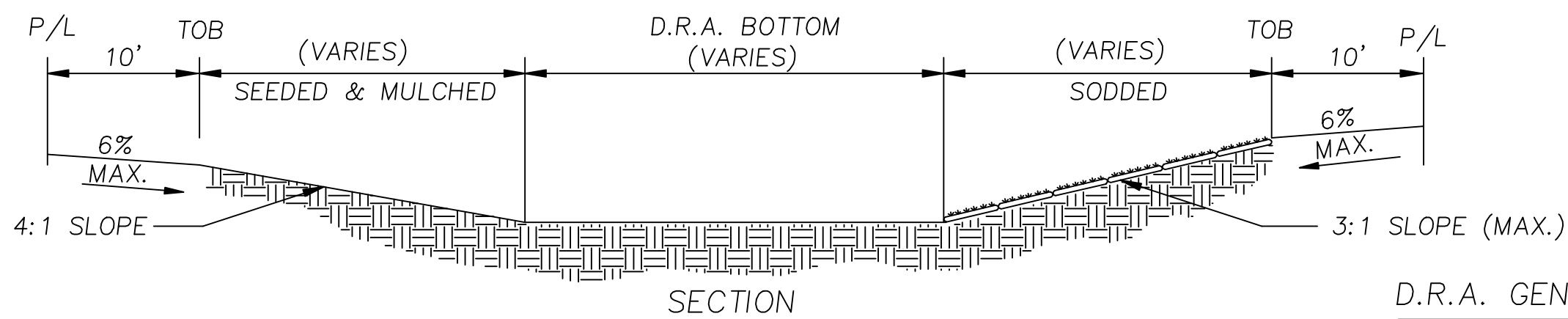
LEGEND

△ INDICATES SLOPING AREA

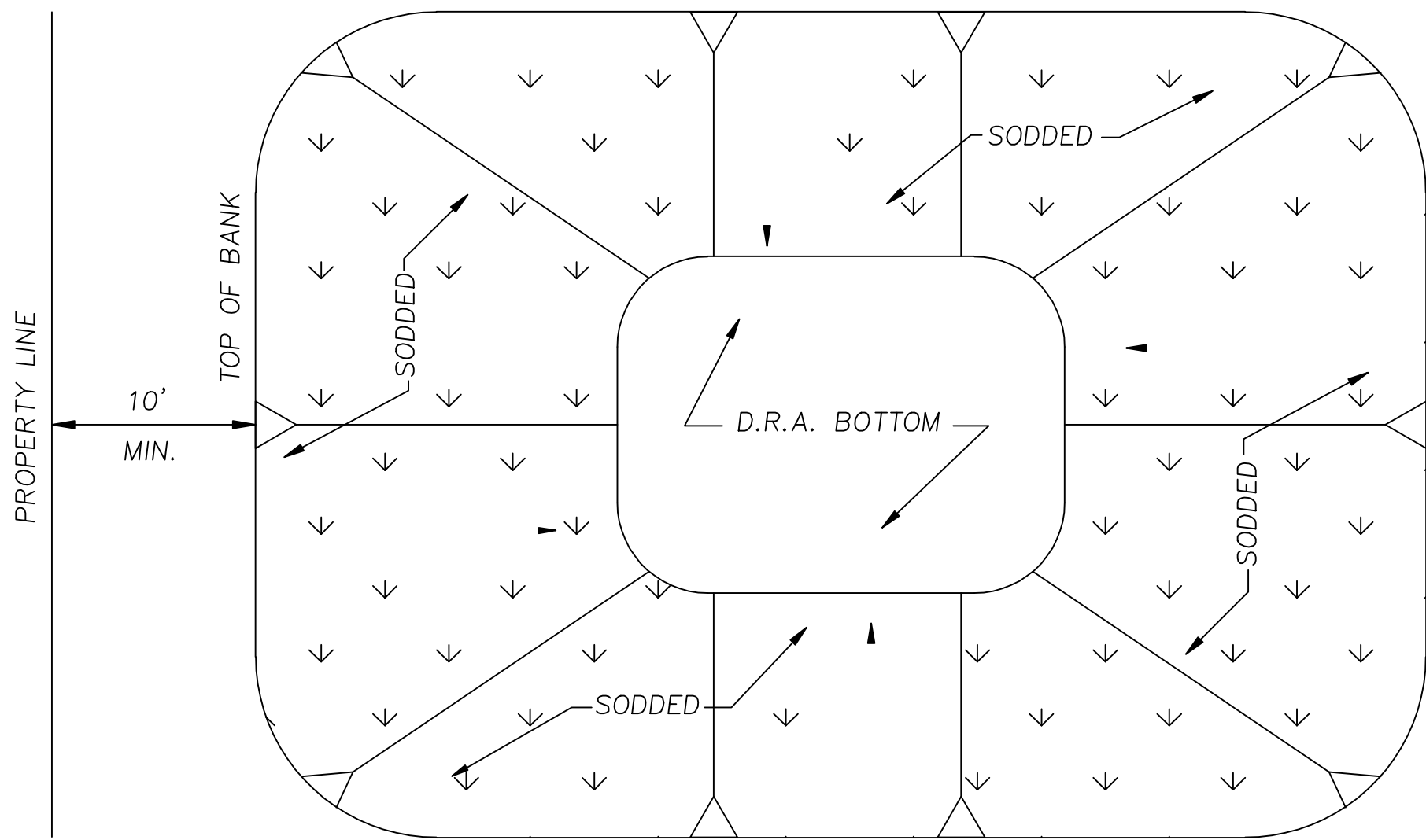
TITLE: DRAINAGE / EROSION STANDARD  
SWALE DETAILS

APPROVED BY: C. G. MIXSON, P.E.  
DATE: 10-01-08  
NO.: III-05

HERNANDO COUNTY  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
1525 E. JEFFERSON ST.  
BROOKSVILLE, FLORIDA 34601  
PH. (352)754-4062 FAX. (352)754-4423



SECTION



PLAN

D.R.A. GENERAL NOTES

1. REFER TO F.D.O.T. STANDARD SPECIFICATION SECT. 575 FOR SODDING SPECIFICATIONS.
2. REFER TO F.D.O.T. STANDARD SPECIFICATION SECT. 570 FOR SEEDING AND MULCHING OF THE D.R.A. BOTTOM.
3. ALL 3:1 SLOPES SHALL BE SODDED.
4. THE MAXIMUM SIDE SLOPE SHALL BE 3:1.
5. ALL 4:1 SLOPES MAY BE SEEDED & MULCHED, UNLESS OTHERWISE REQUESTED BY HERNANDO COUNTY.
6. SEE SECTION I, SHEET I-08 FOR PIPES, DRAINAGE AND EASEMENTS.

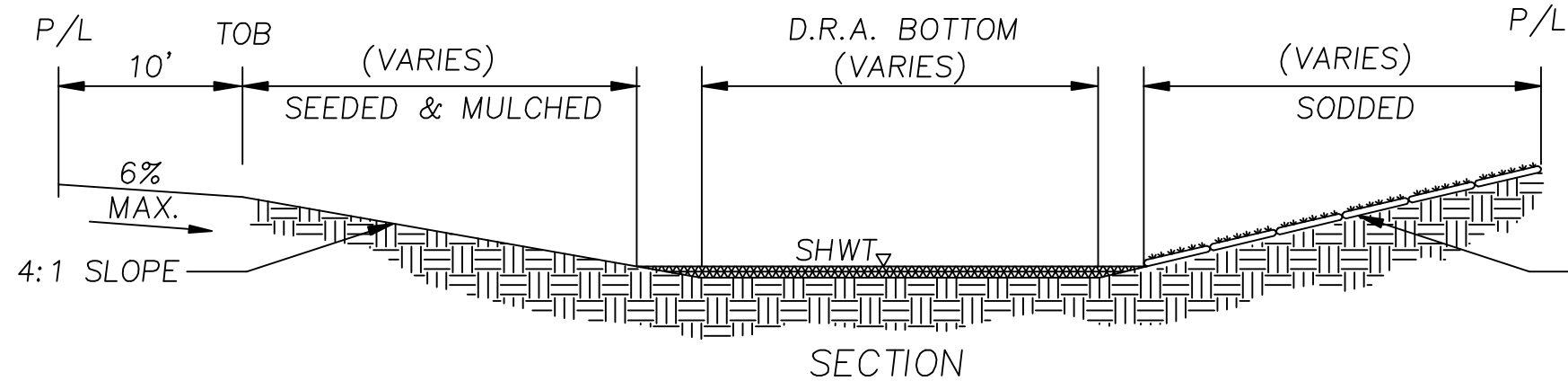
LEGEND

▷ INDICATES SLOPING AREA

TITLE: DRAINAGE / EROSION STANDARD  
 D.R.A. DETAIL (DRY POND)

APPROVED BY: C. G. MIXSON, P.E.  
 DATE: 10-01-08  
 NO.: III-06

**HERNANDO COUNTY**  
 DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING DIVISION  
 1525 E. JEFFERSON ST.  
 BROOKSVILLE, FLORIDA 34601  
 PH. (352)754-4062 FAX. (352)754-4423

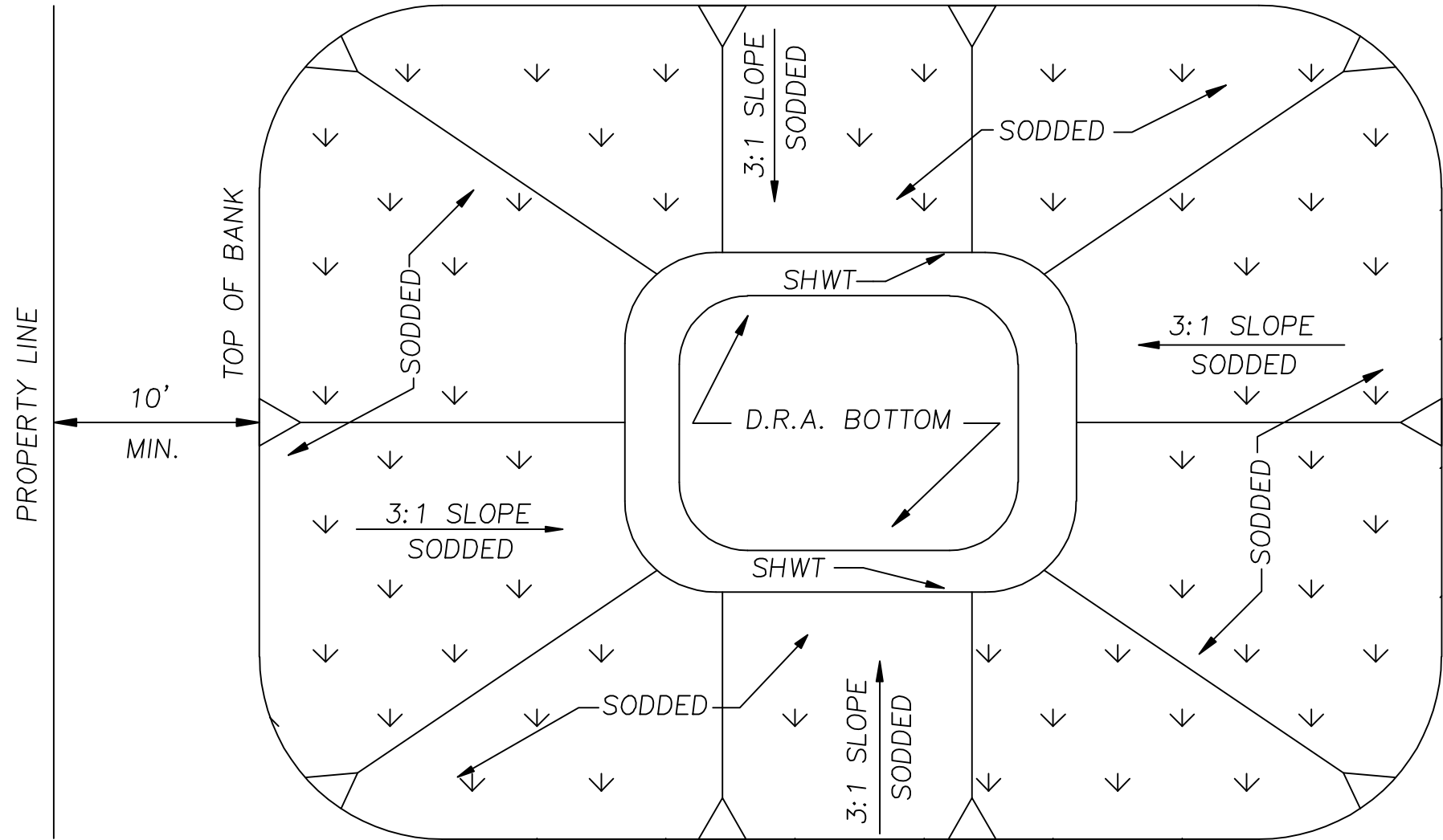


SECTION

3:1 SLOPE (MAX., SEE NOTE 4)

D.R.A. GENERAL NOTES

1. REFER TO F.D.O.T. STANDARD SPECIFICATION SECT. 575 FOR SODDING SPECIFICATIONS.
2. ALL SLOPES GREATER THAN 4:1 SHALL BE SODDED.
3. SLOPES 4:1 OR LESS MAY BE SEEDED & MULCHED, UNLESS OTHERWISE REQUESTED BY HERNANDO COUNTY.
4. THE MAXIMUM SIDE SLOPE SHALL BE 3:1, 2:1 ALLOWED PER SWFWMD RULES, BELOW WATER (SHWT).
5. SEE SECTION I, SHEET I-8 FOR PIPES, DRAINAGE, & EASEMENTS.



PLAN

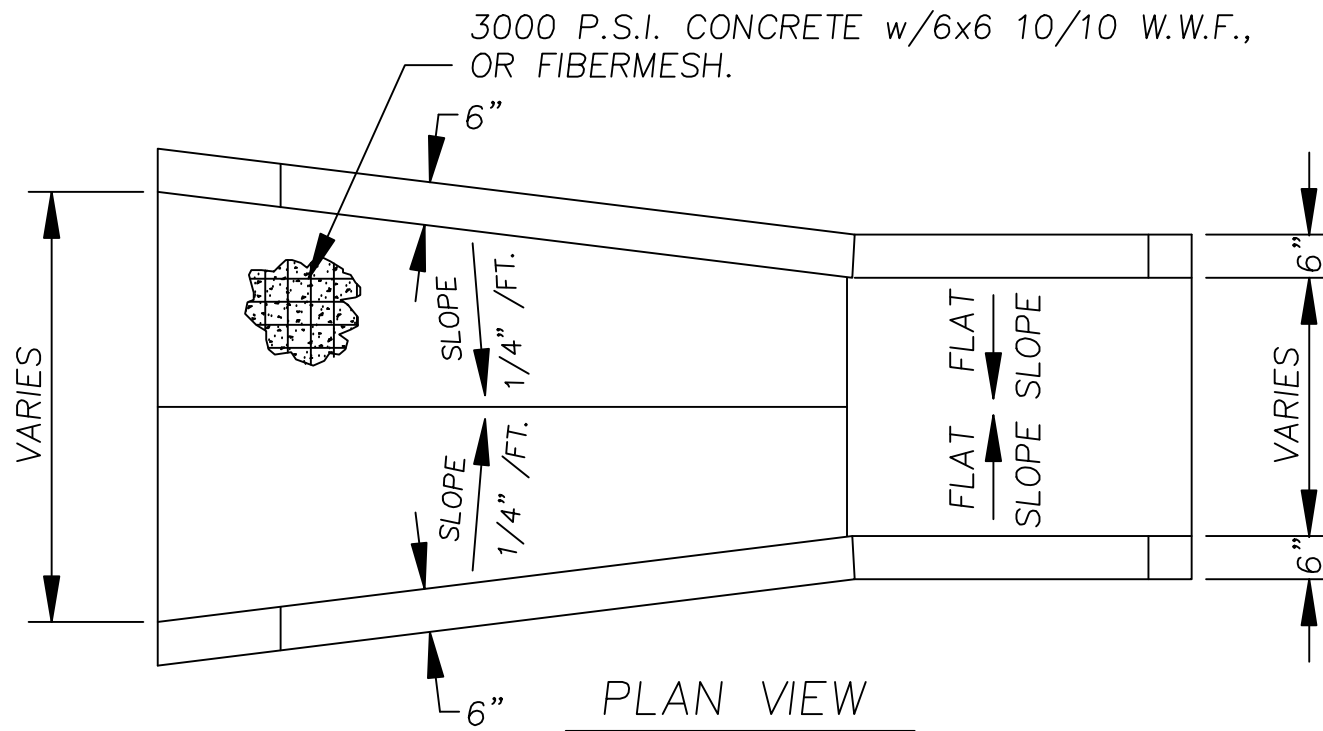
LEGEND

△ — INDICATES SLOPING AREA

TITLE: DRAINAGE / EROSION STANDARD  
 D. R. A. DETAIL ( WET POND)

APPROVED BY: C. G. MIXSON, P. E.  
 DATE: 10-01-08  
 NO: III-07

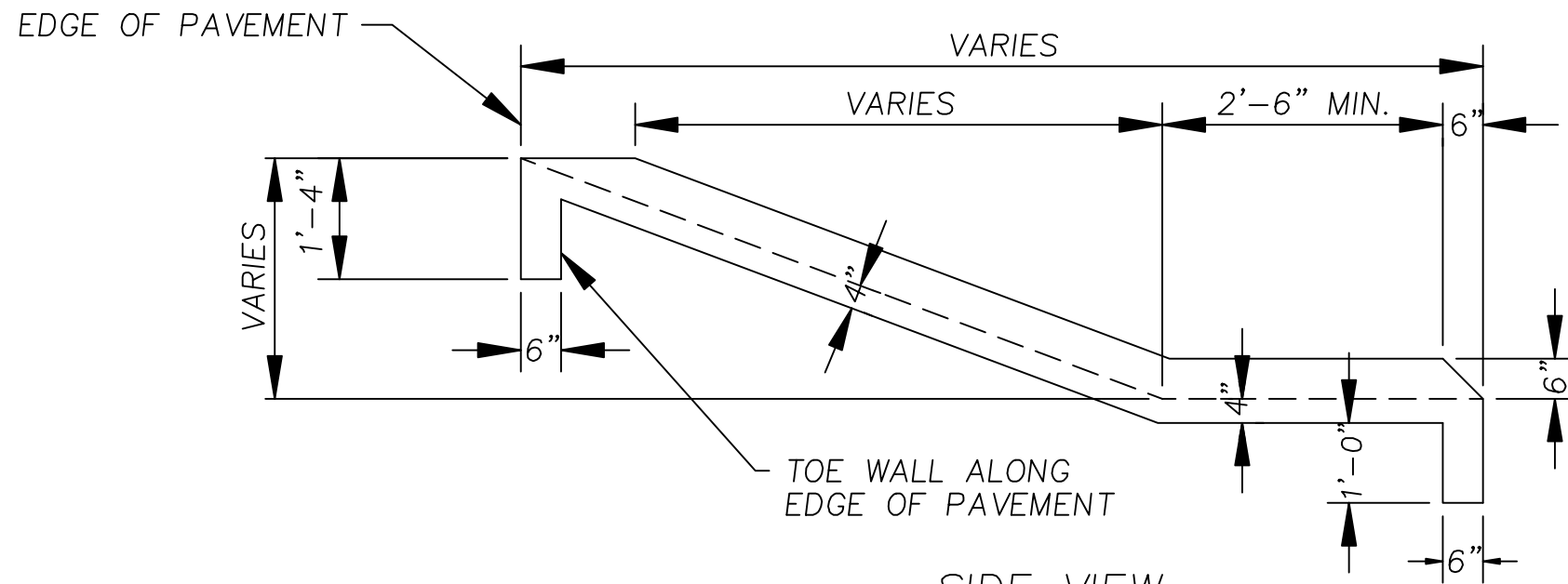
**HERNANDO COUNTY**  
 DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING DIVISION  
 1525 E. JEFFERSON ST.  
 BROOKSVILLE, FLORIDA 34601  
 PH. (352)754-4062 FAX. (352)754-4423



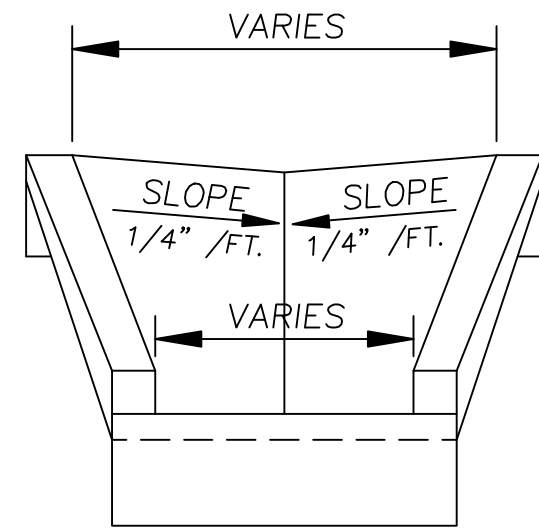
PLAN VIEW  
NOT TO SCALE

NOTES:

1. 3/4" CHAMFER ON ALL EXPOSED CONCRETE EDGES.
2. ENERGY DISSIPATION REQUIRED ON ALL OUTFALLS AND SHALL BE DESIGNED BY THE ENGINEER OF RECORD.



SIDE VIEW  
NOT TO SCALE



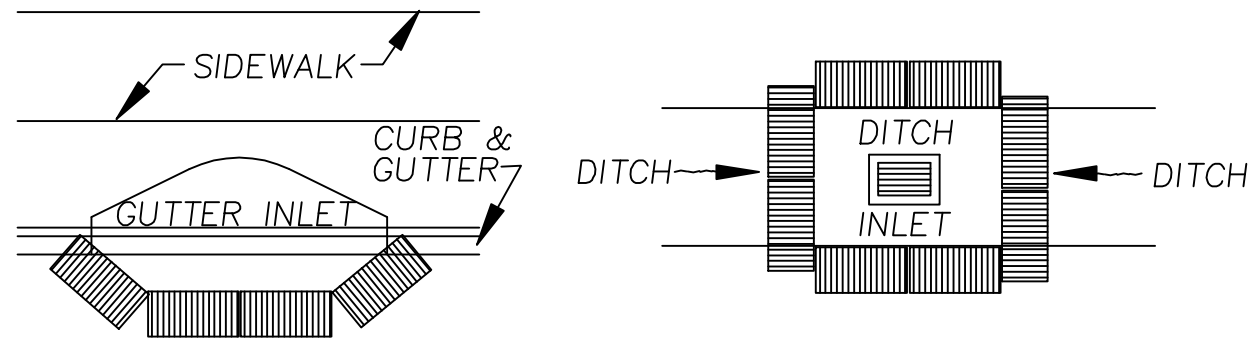
FRONT VIEW  
NOT TO SCALE

TITLE: DRAINAGE / EROSION STANDARD  
FLUME

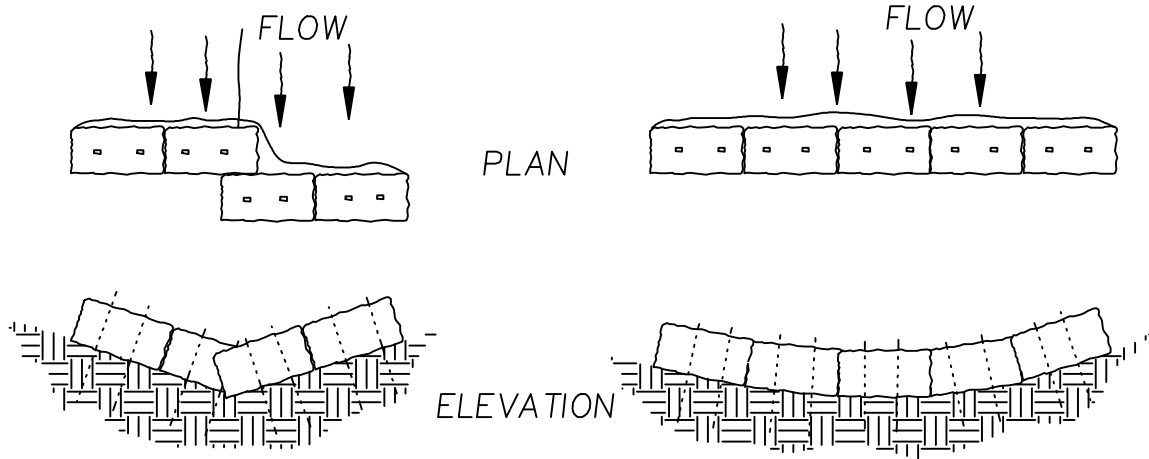
APPROVED BY: C. G. MIXSON, P. E.  
DATE: 10-01-08  
NO.: III-08

HERNANDO COUNTY  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
1525 E. JEFFERSON ST.  
BROOKSVILLE, FLORIDA 34601  
PH. (352)754-4062 FAX. (352)754-4423

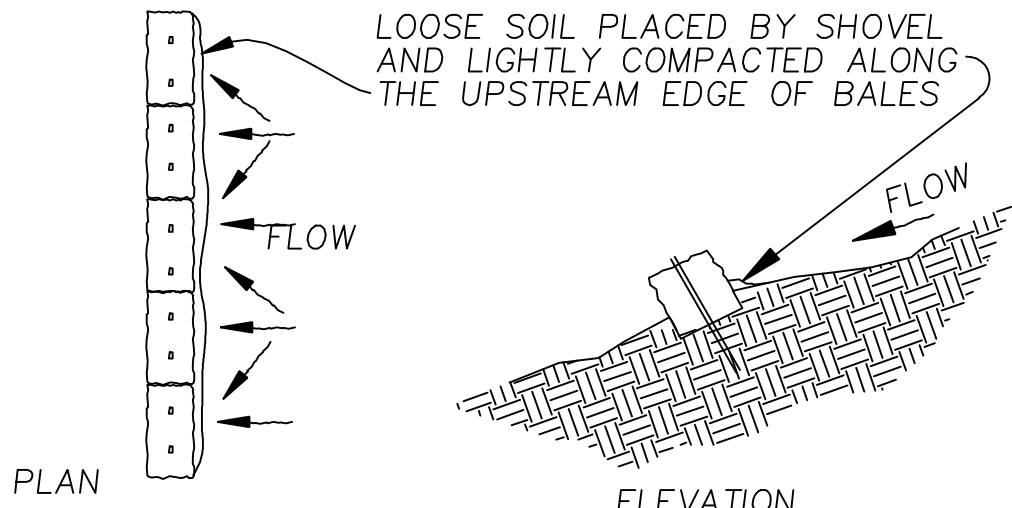




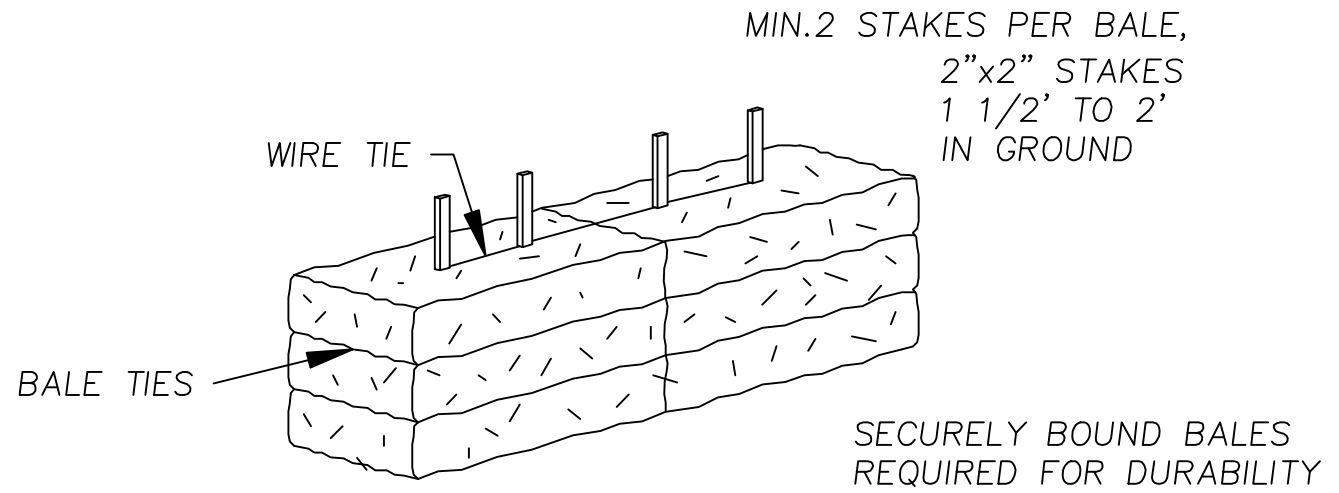
BARRIERS FOR INLETS



BARRIERS FOR SWALES



BARRIERS FOR SLOPES



ANCHORING BALES

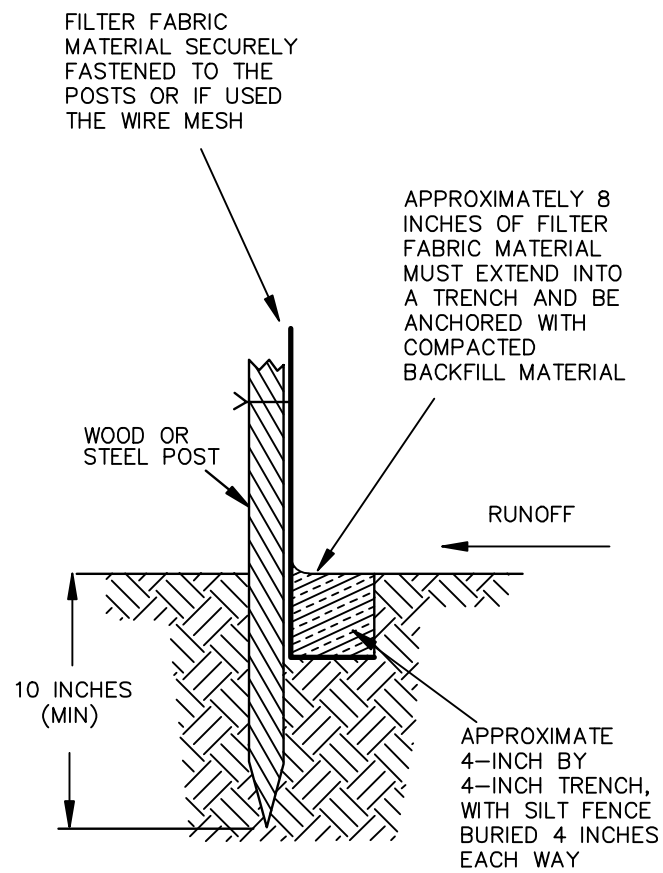
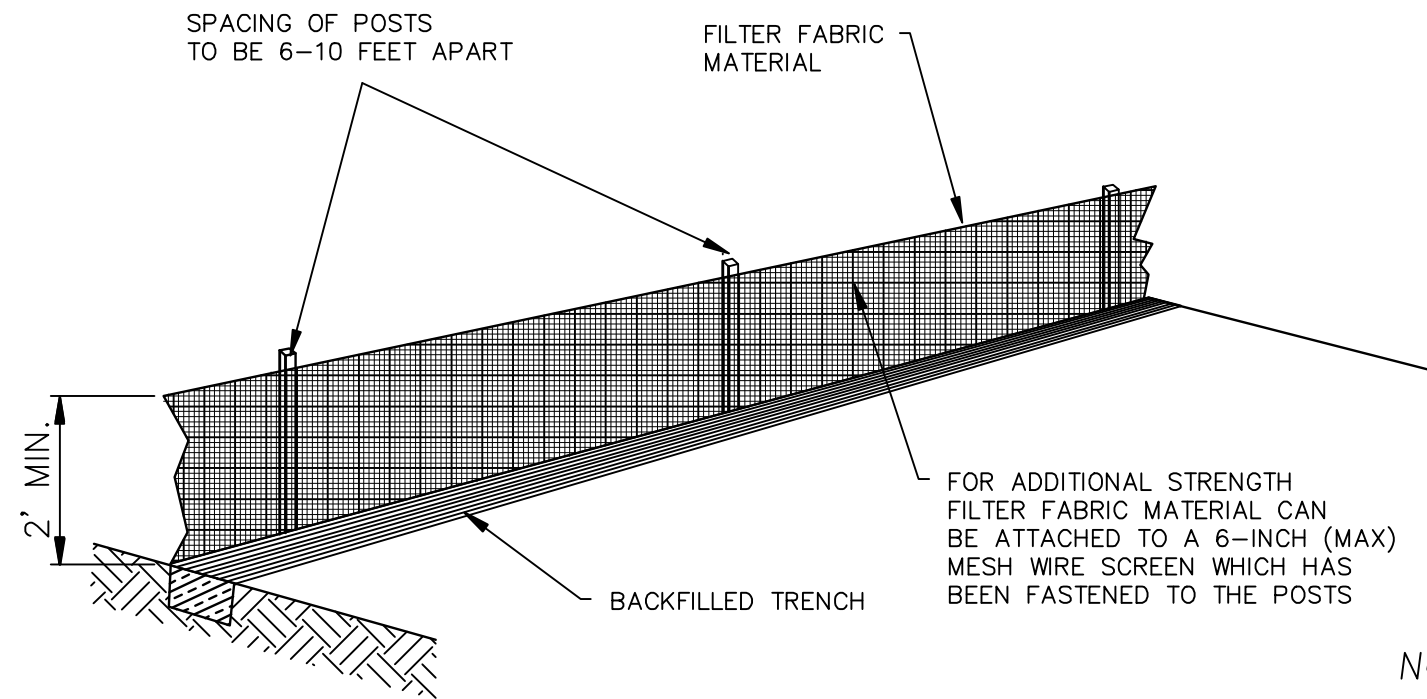
NOTES:

- Hay Bales shall be trenched in a minimum of 4 inches.
- For additional information and details, see F.D.O.T. Index No.102.
- Unless specified, silt fences may be used in lieu of hay barriers.
- Additional posts and rails may be necessary to secure and support barriers.
- Additional barrier lengths may be required by the County Engineer or by regulatory agencies.
- Inlet Protection: Silt Fence, Gravel Bags, Commercial Inlet Barriers can all be used

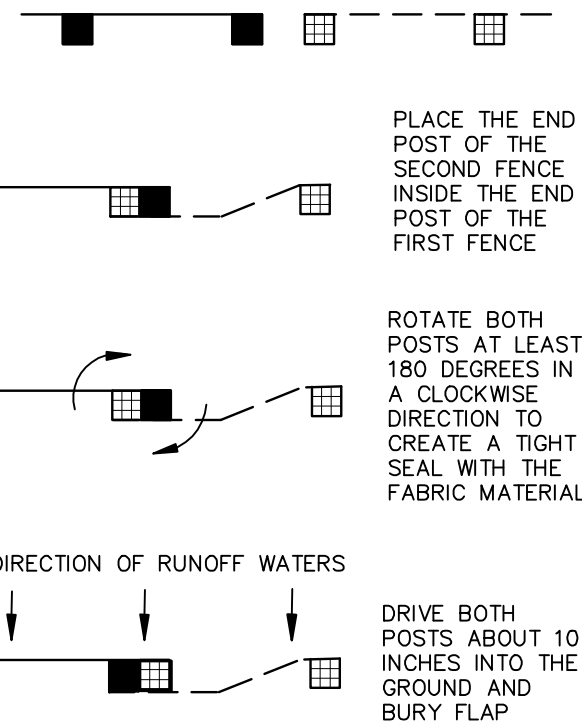
TITLE: DRAINAGE / EROSION STANDARD  
 HAY BALE BARRIERS

APPROVED BY: C. G. MIXSON, P. E.  
 DATE: 10-01-08  
 NO.: III-09

HERNANDO COUNTY  
 DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING DIVISION  
 1525 E. JEFFERSON ST.  
 BROOKSVILLE, FLORIDA 34601  
 PH. (352)754-4062 FAX. (352)754-4423



ATTACHING TWO SILT FENCES



PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE

ROTATE BOTH POSTS AT LEAST 180 DEGREES IN A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL

DRIVE BOTH POSTS ABOUT 10 INCHES INTO THE GROUND AND BURY FLAP

NOTES:

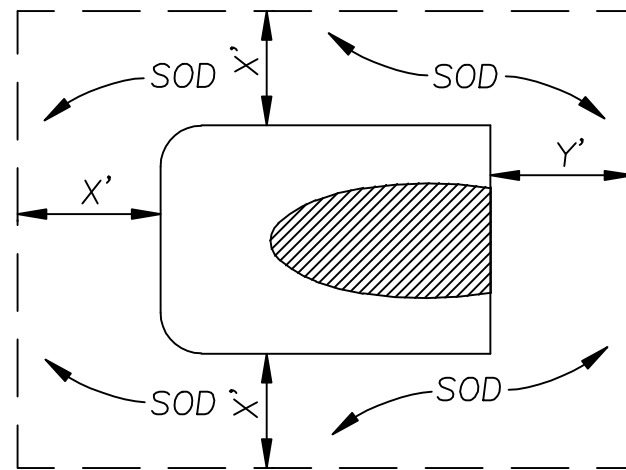
- For additional information and details, see F.D.O.T. Index No.102.
- Unless specified, hay barriers may be used in lieu of silt fences.
- Additional posts and rails may be necessary to secure and support barriers.
- Additional fence lengths may be required by the County Engineer or by regulatory agencies.
- Type-III normally used, where required
- Type-IV used where large sediment loads anticipated, see FDOT Index 102

DO NOT DEPLOY IN A MANNER SO THAT SILT FENCES WILL ACT AS A DAM ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBIDITY BARRIERS ARE TO BE USED AT PERMANENT BODIES OF WATER.

TITLE: DRAINAGE / EROSION STANDARD  
SILT FENCES

APPROVED BY: C. G. MIXSON, P.E.  
DATE: 10-01-08  
NO.: III-10

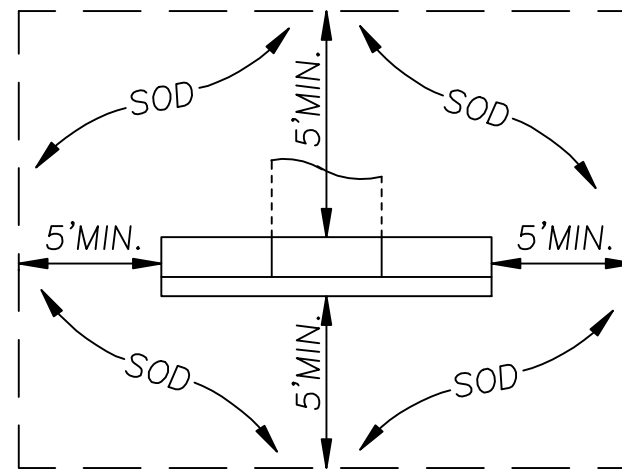
HERNANDO COUNTY  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
1525 E. JEFFERSON ST.  
BROOKSVILLE, FLORIDA 34601  
PH. (352)754-4062 FAX. (352)754-4423



MITERED ENDS

TYPE	"X"	"Y"
SIDE DRAIN	2'MIN.	4'MIN.
CROSS DRAIN	5'MIN.	5'MIN.

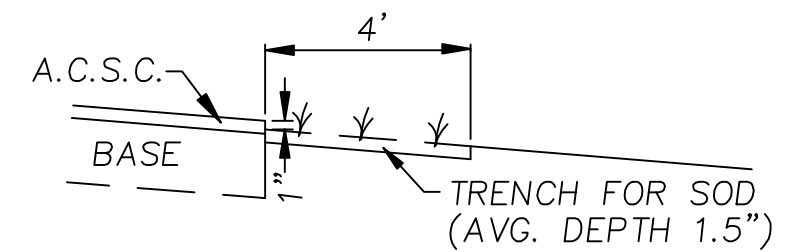
SOD DETAIL AT STRUCTURES



ENDWALLS

GENERAL SODDING NOTES

- See F.D.O.T. Index No's. 100, 105, 272, 273, 281, and Hernando County Guidelines on D.R.A.'s for additional details.
- All disturbed areas of an existing public right of way shall receive sodding.
- All new roadways shall receive sodding, four(4) feet wide along the pavement edges as a minimum, for open drainage.
- All new roadways shall receive sodding, one strip wide along the pavement edges as a minimum, for closed drainage.
- All drainage structures shall receive sodding per the above as a minimum.
- All slopes 3:1 OR steeper shall receive sodding.
- All sod on slopes equal to or steeper than 2 to 1 shall be pegged or mat secured.
- All other disturbed areas NOT receiving sod shall be properly seeded and mulched.
- Sodding shall include all work, fertilizers, and watering necessary to produce a dense, live stand of grass.
- Sodding will be considered acceptable if 80% of the installation is healthy at the beginning and end of the 18 month maintenance period.



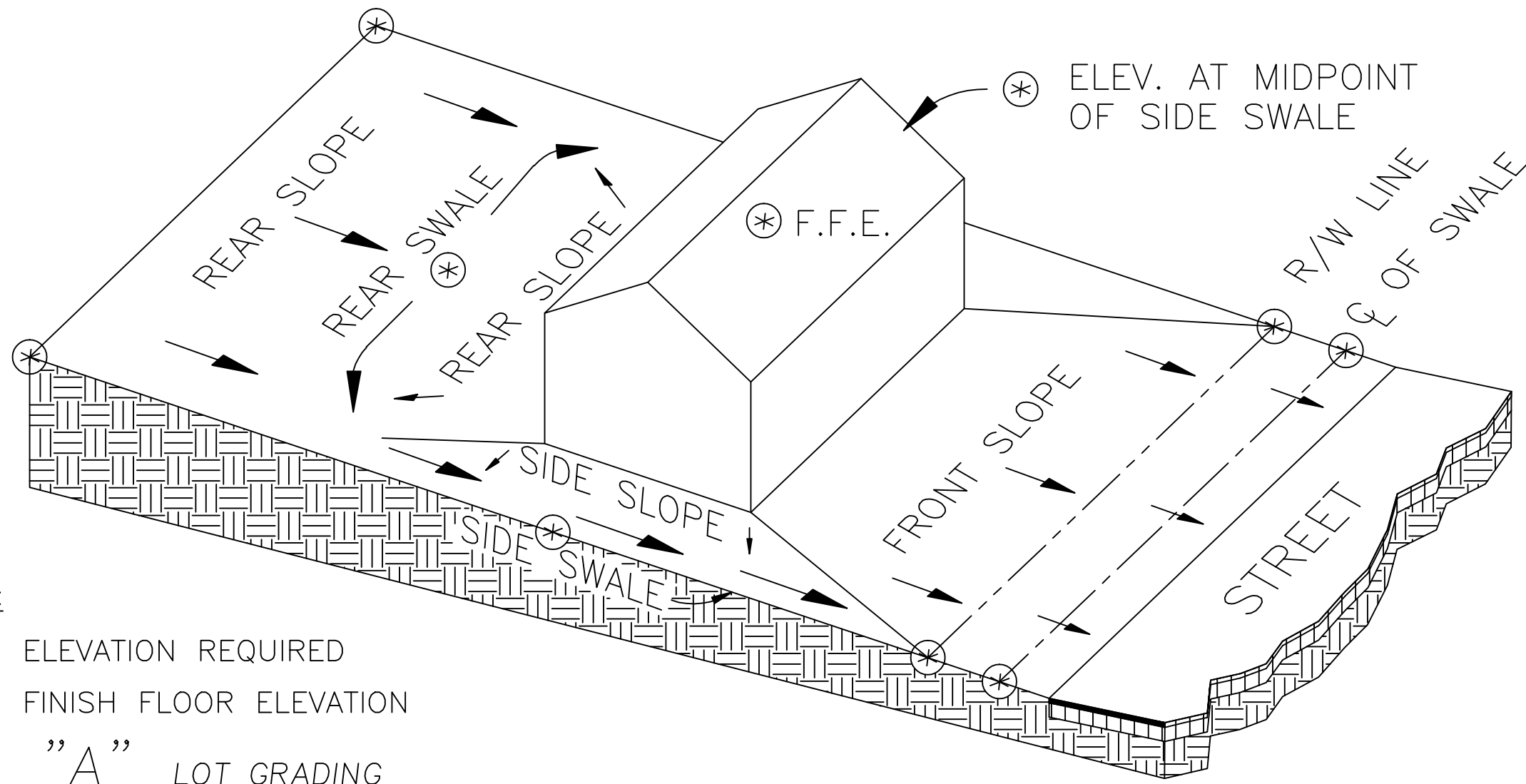
NOTE:  
SPECIAL ATTENTION IS TO BE GIVEN TO THE  
PLACEMENT OF SOD NEXT TO THE ROADWAY.  
TOP OF SOD SHALL BE 1" BELOW PAVEMENT GRADE.

SOD DETAIL AT PAV'T EDGE

TITLE: DRAINAGE / EROSION STANDARD  
SODDING

APPROVED BY: C. G. MIXSON, P.E.  
DATE: 10-01-08  
NO.: III-11

HERNANDO COUNTY  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
1525 E. JEFFERSON ST.  
BROOKSVILLE, FLORIDA 34601  
PH. (352)754-4062 FAX. (352)754-4423



LEGEND:

- (\*) ELEVATION REQUIRED
- F.F.E. FINISH FLOOR ELEVATION

TYPICAL "A" LOT GRADING

NOTES:

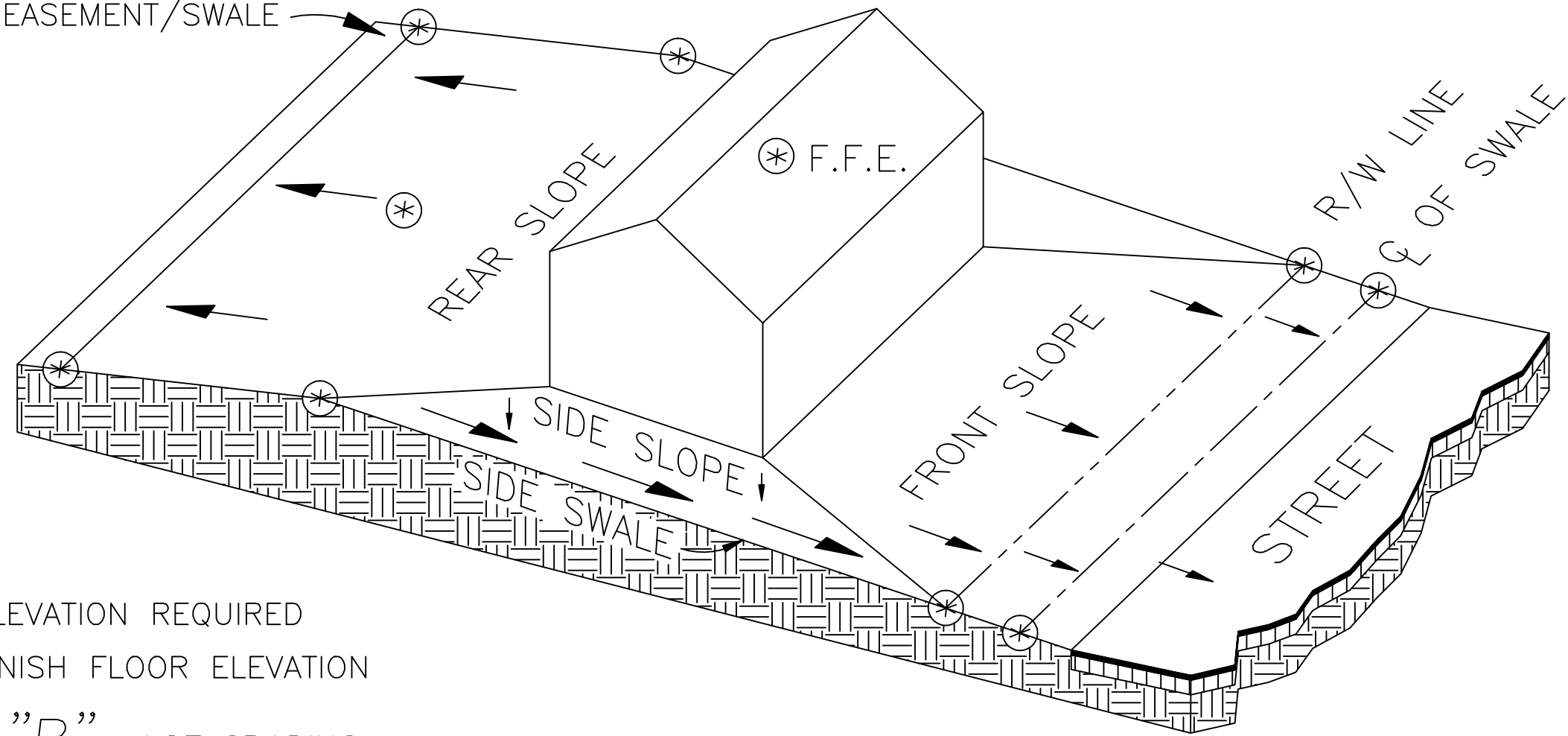
1. USE WITH SHEET III-15, LOT GRADING RULES.
2. TYPICAL "A" REPRESENTS REAR SLOPING SITES. WHERE THE SITE IS SLOPED, THE STRUCTURE WILL BE ELEVATED AT LEAST 12" ABOVE THE HIGHEST ELEVATION THE HOUSE SITS ON. DRAINAGE WILL BE AWAY FROM AND AROUND THE STRUCTURE.
3. REAR SWALE MINIMUM DEPTH 12" BELOW FINISH FLOOR ELEVATION REAR SWALE SHALL DIRECT RUNOFF TO SIDE SWALE FLOWING INTO COUNTY RIGHT-OF-WAY.

TITLE: DRAINAGE / EROSION STANDARD  
 LOT AND BLOCK GRADING " A "

APPROVED BY: C. G. MIXSON, P. E. DATE: 10-01-08 NO.: III-12

**HERNANDO COUNTY**  
**DEPARTMENT OF PUBLIC WORKS**  
**ENGINEERING DIVISION**  
 1525 E. JEFFERSON ST.  
 BROOKSVILLE, FLORIDA 34601  
 PH. (352)754-4062 FAX. (352)754-4423

DRAINAGE EASEMENT/SWALE



LEGEND:

- (\*) ELEVATION REQUIRED
- F.F.E. FINISH FLOOR ELEVATION

TYPICAL "B" LOT GRADING

NOTES:

1. USE WITH SHEET III-15, LOT GRADING RULES.
2. TYPICAL " B " REPRESENTS FLAT OR DEPRESSED SITES. IF THE SITE IS FLAT OR DEPRESSED, THE FIRST FLOOR OF THE STRUCTURE SHALL BE AT LEAST 12" ABOVE THE CROWN OF THE ROAD, MEASURED AT THE MID-POINT OF THE FRONT OF THE HOUSE PAD.
3. FINISH FLOOR ELEVATION TO BE A MIN. 12" ABOVE C OF ROAD GRADE AND BE AT OR ABOVE THE 100 YEAR FLOOD PLAIN.

TITLE: DRAINAGE / EROSION STANDARD  
LOT AND BLOCK GRADING " B "

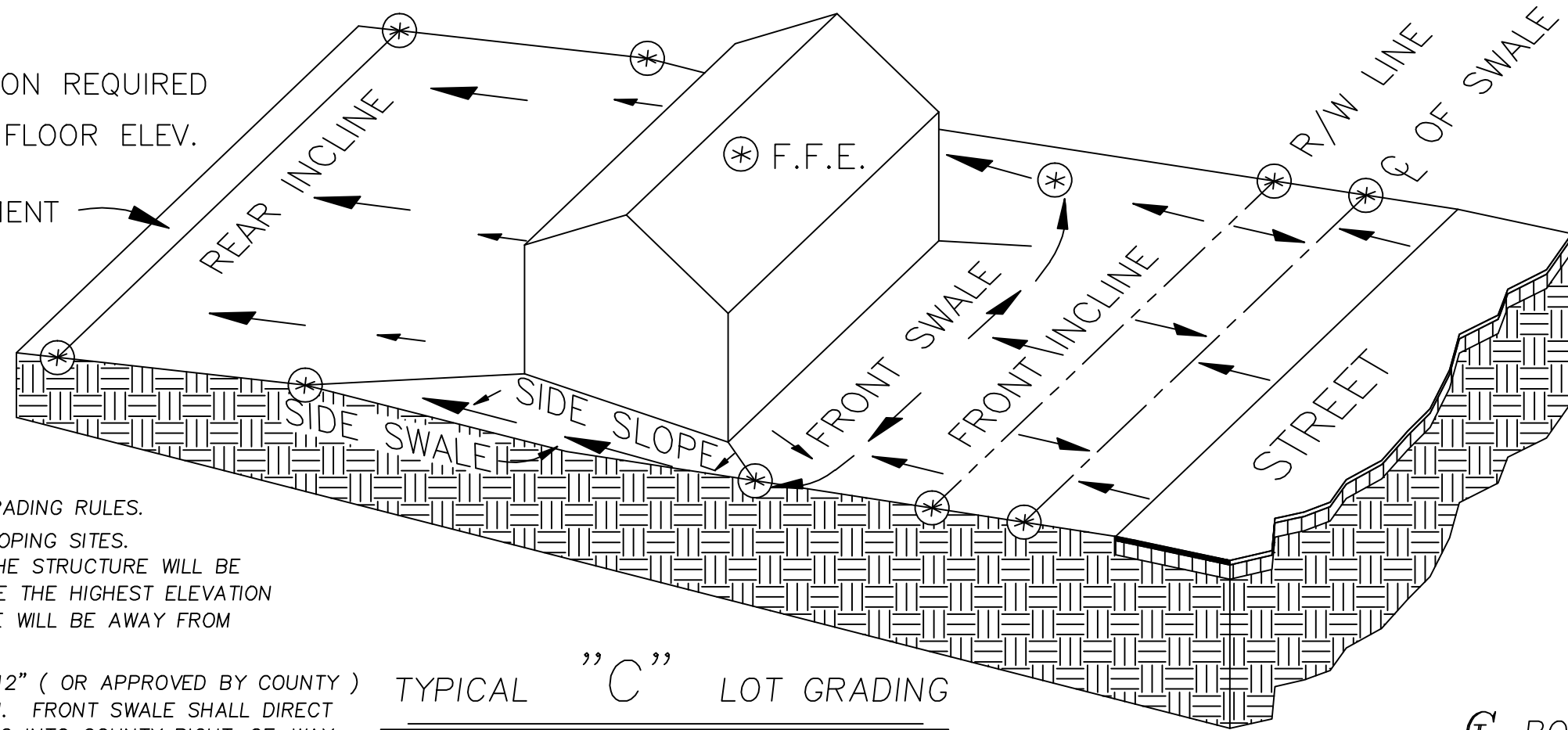
APPROVED BY: C. G. MIXSON, P. E.  
DATE: 10-01-08  
NO.: III-13

HERNANDO COUNTY  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
1626 E. JEFFERSON ST.  
BROOKSVILLE, FLORIDA 34601  
PH. (352)754-4062 FAX. (352)754-4423

**LEGEND:**

(\*) ELEVATION REQUIRED  
 F.F.E. FINISH FLOOR ELEV.

DRAINAGE EASEMENT



**NOTES:**

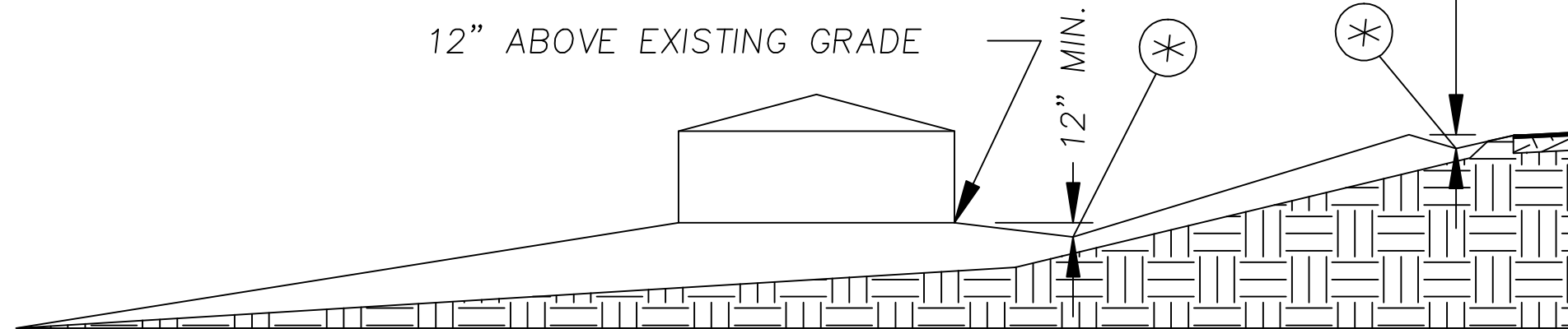
1. USE WITH SHEET III-16, LOT GRADING RULES.
2. TYPICAL "C" REPRESENTS SLOPING SITES. WHERE THE SITE IS SLOPED, THE STRUCTURE WILL BE ELEVATED AT LEAST 12" ABOVE THE HIGHEST ELEVATION THE HOUSE SITS ON. DRAINAGE WILL BE AWAY FROM AND AROUND THE STRUCTURE.
3. FRONT SWALE MINIMUM DEPTH 12" ( OR APPROVED BY COUNTY ) BELOW FINISH FLOOR ELEVATION. FRONT SWALE SHALL DIRECT RUNOFF TO SIDE SWALE FLOWING INTO COUNTY RIGHT-OF-WAY.
4. IF DRIVEWAY IS GREATER THEN 10% SLOPE AT TIME OF ROUGH GRADE, BUILDER MAY BE REQUIRED TO MOVE THE BUILDING OR PROVIDE AN ENGINEERED SITE PLAN TO ENSURE THEY CAN MEET DRIVEWAY STANDARDS AND POSITIVE FLOW.

TYPICAL "C" LOT GRADING

SEE RESIDENTIAL DRIVEWAY SECTION ( IV-26 ) OF THE H.C. FACILITY DESIGN GUIDELINES FOR DETAILS

12" ABOVE EXISTING GRADE

12" MIN.



DRIVEWAY CROSS SECTION

TITLE: DRAINAGE / EROSION STANDARD  
 LOT AND BLOCK GRADING " C "

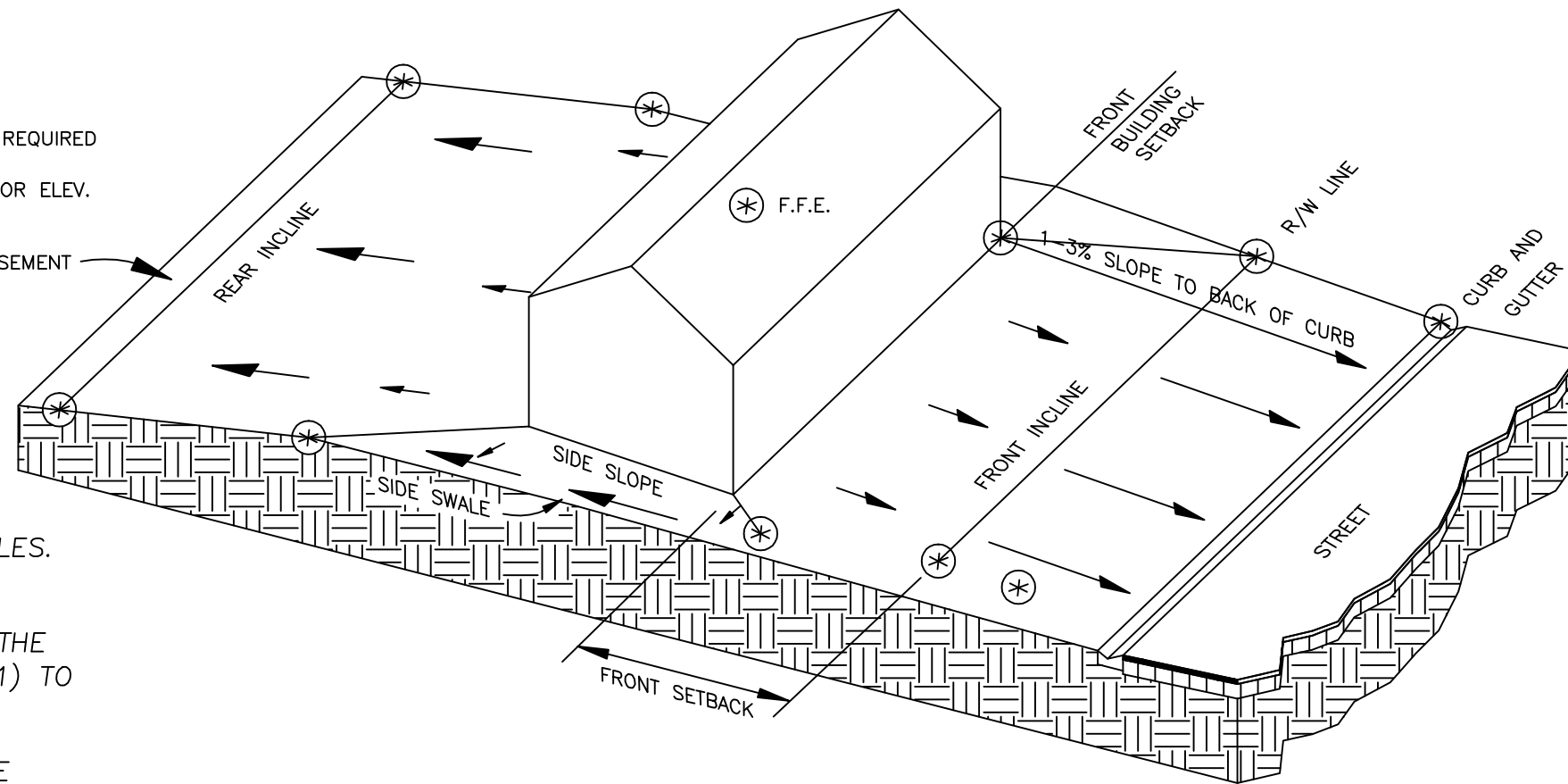
APPROVED BY: C. G. MIXSON, P.E.  
 DATE: 10-01-08  
 NO.: III-14

HERNANDO COUNTY  
 DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING DIVISION  
 1525 E. JEFFERSON ST.  
 BROOKSVILLE, FLORIDA 34601  
 PH. (352)754-4062 FAX. (352)754-4423

LEGEND:

- (\*) ELEVATION REQUIRED
- F.F.E. FINISH FLOOR ELEV.

DRAINAGE EASEMENT



NOTES:

1. USE WITH SHEET III-16, LOT GRADING RULES.

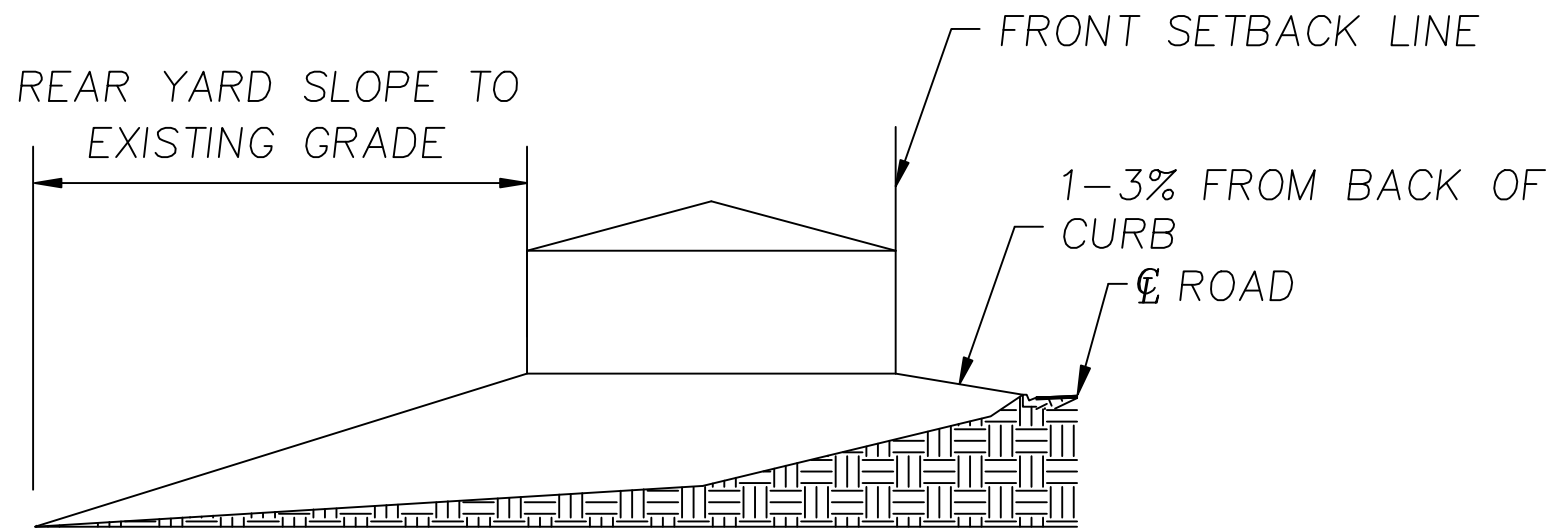
2. TYPICAL "D" REPRESENTS SLOPING SITES WHERE THE SITE IS SLOPED TO THE REAR, THE STRUCTURE WILL BE ELEVATED FROM ONE (1) TO THREE (3) PERCENT ABOVE THE ADJACENT STREET @ THE UPGRADIENT LOT LINE AND STREET PROTECTED INTERSECTION. DRAINAGE WILL BE AWAY FROM THE STRUCTURE.

FRONT: 1-3% TO BACK OF CURB

SIDE: MAXIMUM 5:1 AWAY FROM STRUCTURE TO SIDE CENTERLINE.

REAR: SLOPE TO EXISTING GRADE @ REAR LOT LINE.

TYPICAL "D" LOT GRADING



DRIVEWAY CROSS SECTION

TITLE: DRAINAGE / EROSION STANDARD  
LOT AND BLOCK GRADING " D "

APPROVED BY: C. G. MIXSON, P. E.  
DATE: 10-01-08  
NO.: III-15

HERNANDO COUNTY  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
1525 E. JEFFERSON ST.  
BROOKSVILLE, FLORIDA 34601  
PH. (352)754-4062 FAX. (352)754-4423

# LOT GRADING RULES FOR ALL LOTS

1. THIS STANDARD IS INTENDED TO MEET THE PROVISIONS OF THE FLORIDA BUILDING CODE REQUIRING DRAINAGE BE DESIGNED TO CARRY WATER AWAY FROM STRUCTURE. IT IS NOT INTENDED TO AND DOES NOT NECESSARILY PREVENT FLOODING CAUSED BY THE STRUCTURE BEING LOCATED IN A FLOOD PRONE AREA.
2. THE FINISHED FLOOR ELEVATION SHOULD BE SHOWN ON SUBDIVISION FINAL CONSTRUCTION PLANS TO THE NEAREST 1/TENTH (0.1) FOOT.
3. PROVISIONS SHOULD BE MADE TO RECEIVE RUNOFF FROM HIGHER ADJACENT LOTS, AND TO DISCHARGE TO LOWER LOTS AT AN APPROPRIATE LOCATION
4. FINISHED FLOOR ELEVATIONS OF ADJACENT STRUCTURES, IF EXISTING, SHALL BE PROVIDED.
5. ELEVATION OF SWALE @ AT EACH PROPERTY LINE PROJECTION AND BOTH CULVERT INVERTS, IF EXISTING, SHALL BE PROVIDED.
6. FILL OR CUTS 30" OR GREATER SHALL REQUIRE AN ENGINEERED SITE PLAN TO ADDRESS DRAINAGE AND SLOPE STABILITY.
7. FRONT, SIDE, AND REAR SLOPES SHALL NOT BE STEEPER THAN 3:1.
8. NO STRUCTURE, BUILDING, OR IMPROVEMENT CAN ENCROACH, OR BE CONSTRUCTED WITHIN EASEMENTS.
9. IF SIDE AND/OR REAR EASEMENTS EXIST, AND IF RETAINING WALL CONSTRUCTION IS REQUIRED ALONG SIDE AND/OR REAR OF LOT, THE SIDE AND/OR REAR LOT EASEMENTS MUST FIRST BE VACATED AND THE RETAINING WALL(S) MUST THEN BE CONSTRUCTED ADJACENT TO THE PROPERTY LINE.
10. LOTS WITH 5' SIDE SETBACKS/EASEMENTS REQUIRE AN ENGINEERED SITE PLAN FOR ANY CONSTRUCTION.
11. LOTS WITH A 5' SETBACK THAT EXCEED 8" DIFFERENCE IN F.F.E. BETWEEN THEM REQUIRE A STEM WALL OR RETAINING WALL BETWEEN THEM, (LOCATIONS TO BE SHOWN ON PLANS). LOTS WITH 7.5' SETBACK THAT EXCEED 18" DIFFERENCE IN F.F.E. BETWEEN THEM REQUIRE A STEM WALL OR RETAINING WALL BETWEEN THEM, (LOCATIONS TO BE SHOWN ON PLANS). LOTS WITH A 10' SETBACK THAT EXCEED 28" DIFFERENCE IN F.F.E. BETWEEN THEM REQUIRE A STEM WALL OR RETAINING WALL BETWEEN THEM, (LOCATIONS TO BE SHOWN ON PLANS).
12. ALL SINGLE FAMILY RESIDENTIAL AND ACCESSORY STRUCTURES SHALL RECEIVE A FINAL GRADE AND DRAINAGE INSPECTION PRIOR TO ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.
13. ALL FINISHED FLOOR ELEVATIONS SHALL BE AT OR ABOVE THE 100 YEAR FLOOD PLAIN ELEVATION.
14. THE HOUSE SHALL BE 12" HIGHER THAN THE FLOW LINE OF THE SWALE ALL AROUND THE HOUSE.
15. LOTS WITHIN THE VELOCITY ZONE, THE 100-YEAR FLOOD ZONE, AND INFILL LOTS SHALL REQUIRE KNOCKOUT WALLS, STEM WALLS, AND/OR RETAINING WALLS AS NECESSARY TO PROVIDE ADEQUATE DRAINAGE AND ACCEPTABLE GRADE TRANSITIONS TO ADJACENT LOT ELEVATIONS.
16. LOT GRADING SHALL MAINTAIN HISTORICAL FLOW PATHS AND PREVENT ACCUMULATION OF WATER OR EXCESSIVE RUNOFF ONTO ADJACENT PROPERTIES.
17. SIDE SWALES SHALL DRAIN TO THE FRONT OR REAR ON EACH LOT AND SHALL FUNCTION INDEPENDENTLY FROM ALL ADJOINING LOTS.
18. WHERE A SEPTIC SYSTEM MOUND IS REQUIRED, ADEQUATE DISTANCE MUST BE PROVIDED BETWEEN THE TOE OF SLOPE OF THE MOUND AND THE PROPERTY LINE TO ADDRESS DRAINAGE ISSUES (SEE LOT GRADING RULE 16 ABOVE).
19. IN SUBDIVISIONS ADJACENT LOTS GENERALLY SHARE A COMMON SWALE. THE CENTER OF THE SWALE IS THE PROPERTY LINE. THE FIRST HOUSE BUILT MUST ESTABLISH THEIR HALF OF THE COMMON SWALE.

TITLE: DRAINAGE / EROSION STANDARD  
LOT GRADING RULES

APPROVED BY: C. G. MIXSON, P. E.  
DATE: 10-01-08  
NO.: III-16

HERNANDO COUNTY  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
1525 E. JEFFERSON ST.  
BROOKSVILLE, FLORIDA 34601  
PH. (352)754-4062 FAX. (352)754-4423



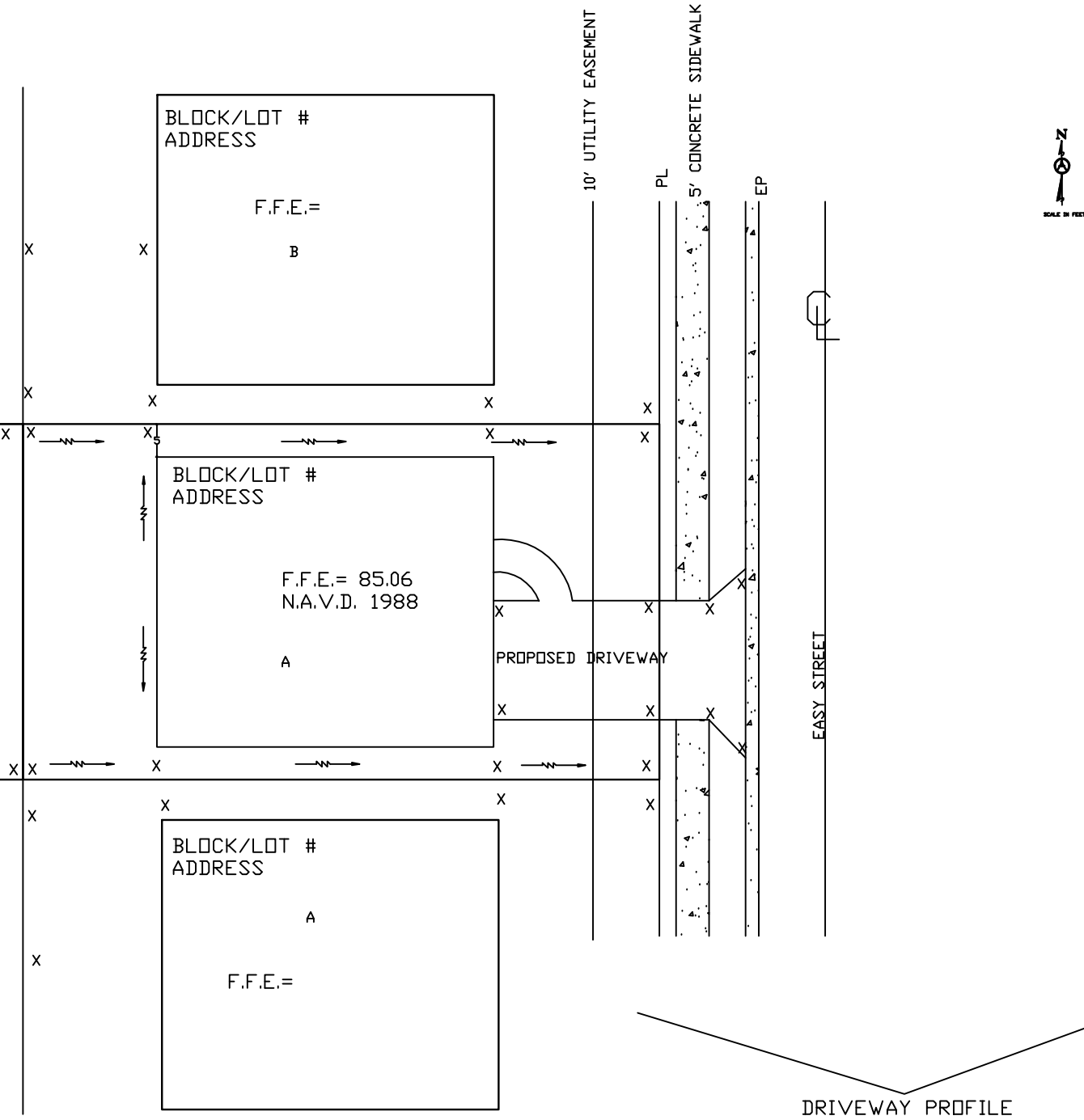
# SAMPLE ENGINEERED SITE PLAN

BASE FLOOD ELEV=  
 SHOW 100 YR FLOOD ZONE IF APPLICABLE  
 SURVEY DATUM = N.A.V.D. 1988  
 LOT GRADING PLAN TYPE= A/B/C

**LEGEND**

DRAINAGE FLOW ARROW  
 CONCRETE  
 SPOT ELEVATION

BLOCK/LOT #  
 ADDRESS OR WHAT IS HERE,  
 DRA, ETC



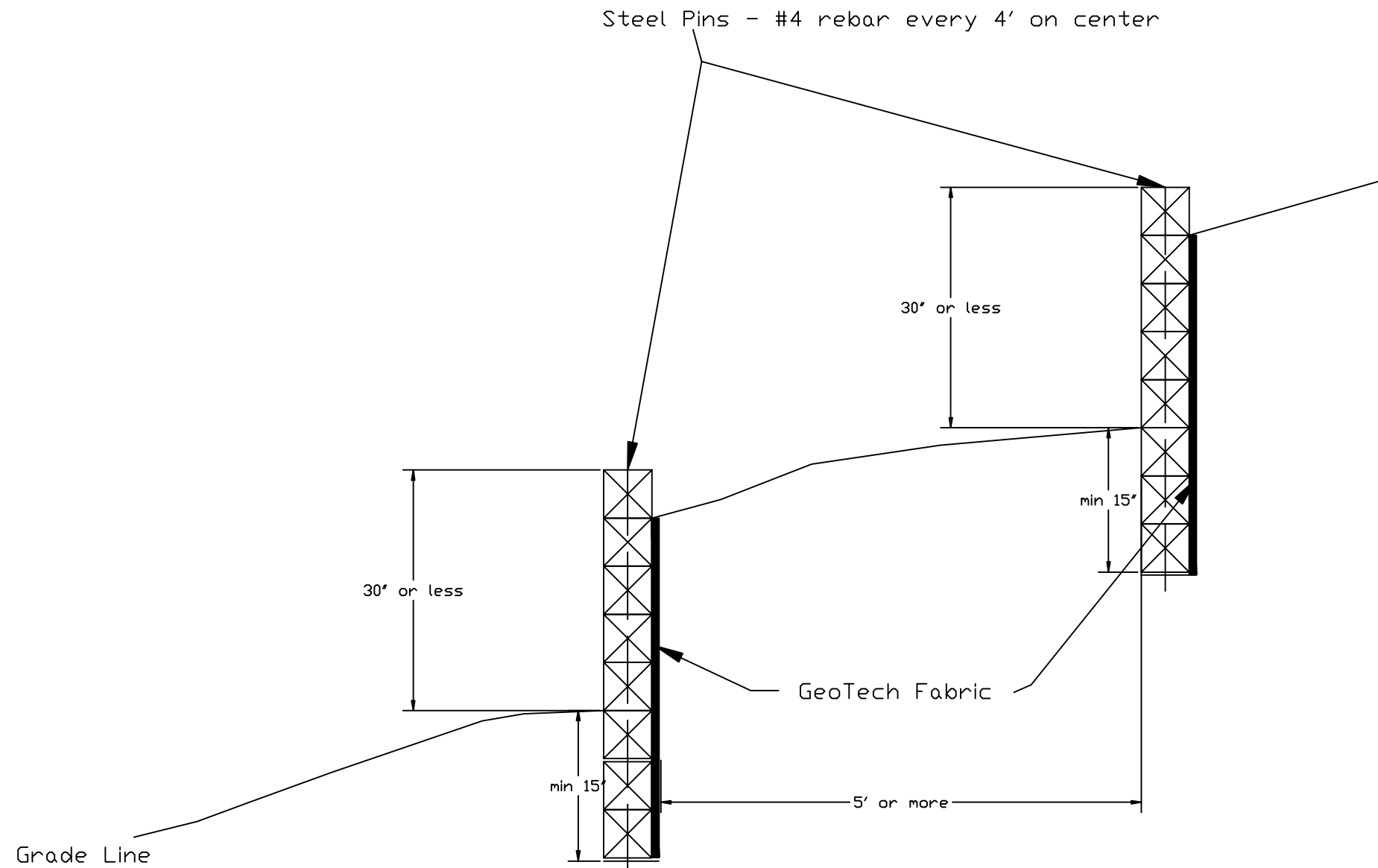
DRIVEWAY PROFILE

TITLE: DRAINAGE / EROSION STANDARD  
 SAMPLE ENGINEERED SITE PLAN

APPROVED BY: C. G. MIXSON, P.E.  
 DATE: 10-01-08  
 ND: III-17

**HERNANDO COUNTY**  
 DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING DIVISION  
 1525 E. JEFFERSON ST.  
 BROOKSVILLE, FLORIDA 34601  
 PH. (352)754-4062 FAX. (352)754-4423

# TEMPORARY TIMBER RETAINING WALL

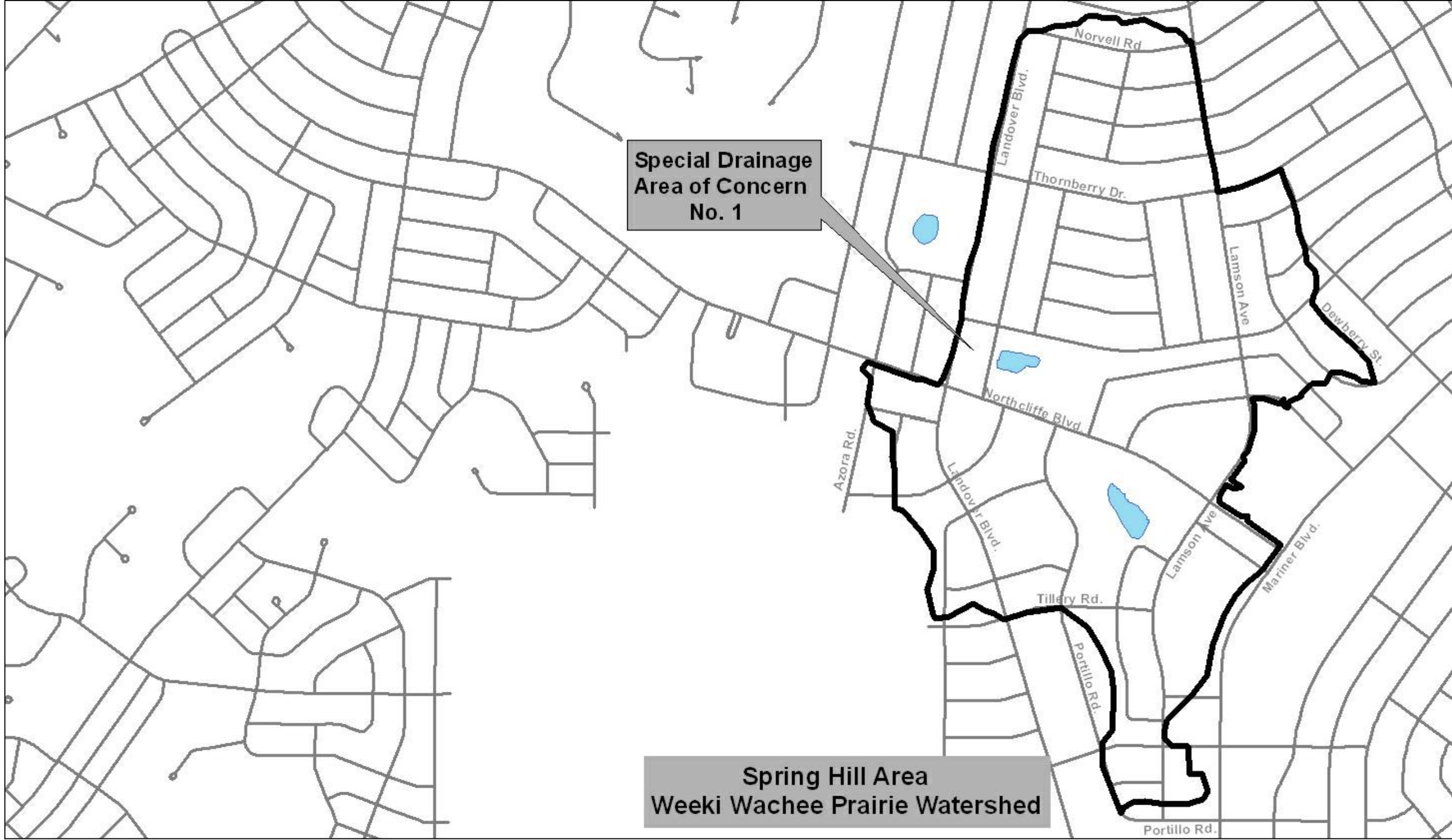


1. ALL SLOPES SHALL NOT BE STEEPER THAN 3:1.
2. ONLY TWO SETS OF TIMBER RETAINING WALLS ARE ALLOWED PER SLOPE.
3. IF THE SITE REQUIRES MORE THAN A 30" WALL OR MORE THAN TWO WALLS PER SLOPE , IT SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER, IN ACCORDANCE WITH FLORIDA BUILDING CODE, IT SHALL HAVE A RAILING COMPLYING WITH FL BUILDING CODE. IT ALSO MUST BE PERMITTED & INSPECTED THROUGH THE BUILDING DEPARTMENT.
4. TIMBERS MUST BE A MINIMUM 6"X6" AND JOINTS OVERLAPPED BY A MINIMUM 12".

TITLE: DRAINAGE / EROSION STANDARD  
LOT GRADING RULES

APPROVED BY: C. G. MIXSON, P.E.  
DATE: 10-01-08  
NO.: III-18

HERNANDO COUNTY  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
1625 E. JEFFERSON ST.  
BROOKSVILLE, FLORIDA 34601  
PH. (352)754-4062 FAX. (352)754-4423



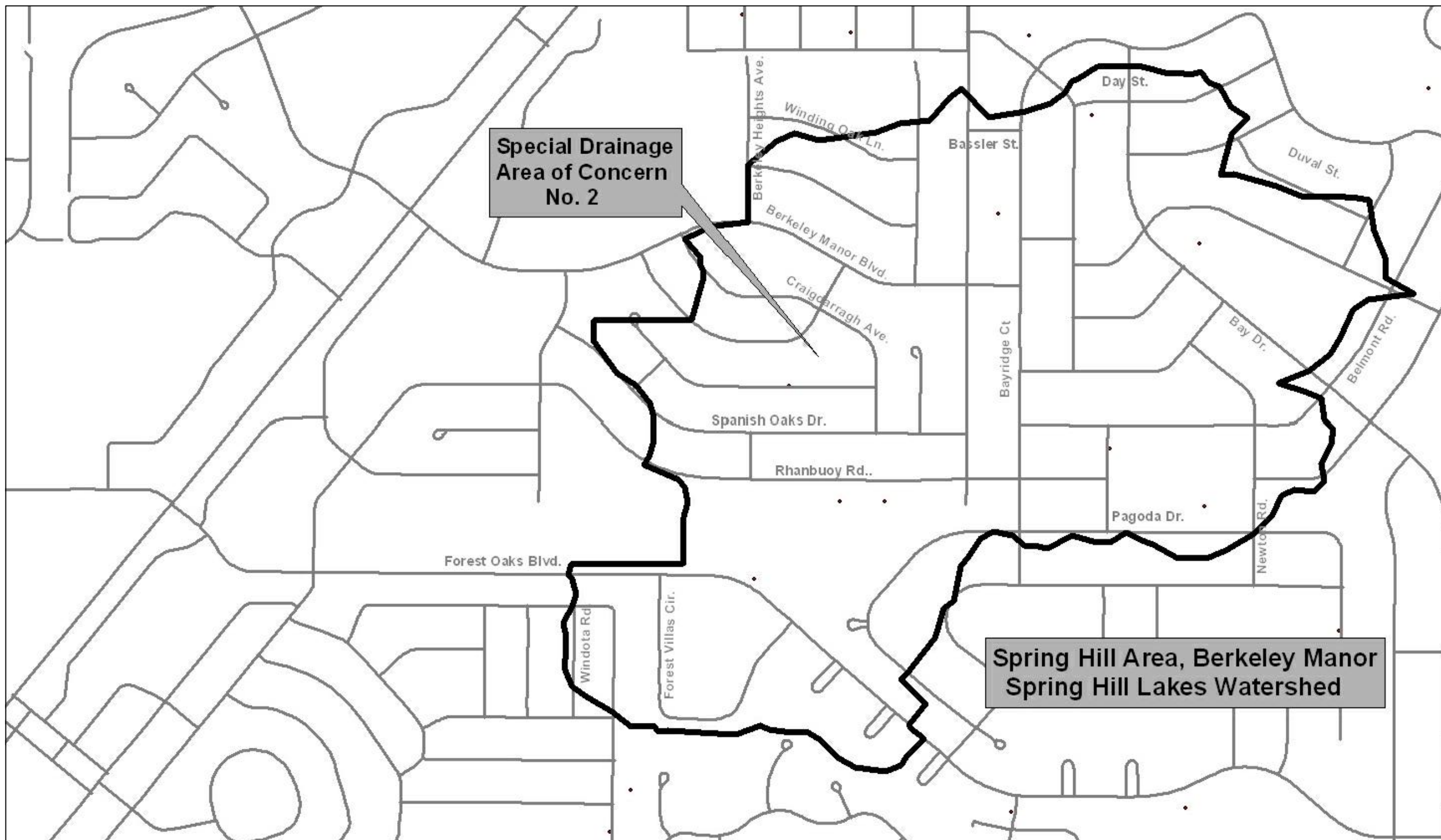
**Special Drainage  
Area of Concern  
No. 1**

**Spring Hill Area  
Weeki Wachee Prairie Watershed**

TITLE: DRAINAGE / EROSION STANDARD  
SPECIAL DRAINAGE AREA OF CONCERN 1

APPROVED BY: C. G. MIXSON, P.E.  
DATE: 10-01-08  
ND: III-19

**HERNANDO COUNTY**  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
1525 E. JEFFERSON ST.  
BROOKSVILLE, FLORIDA 34601  
PH. (352)754-4062 FAX. (352)754-4423



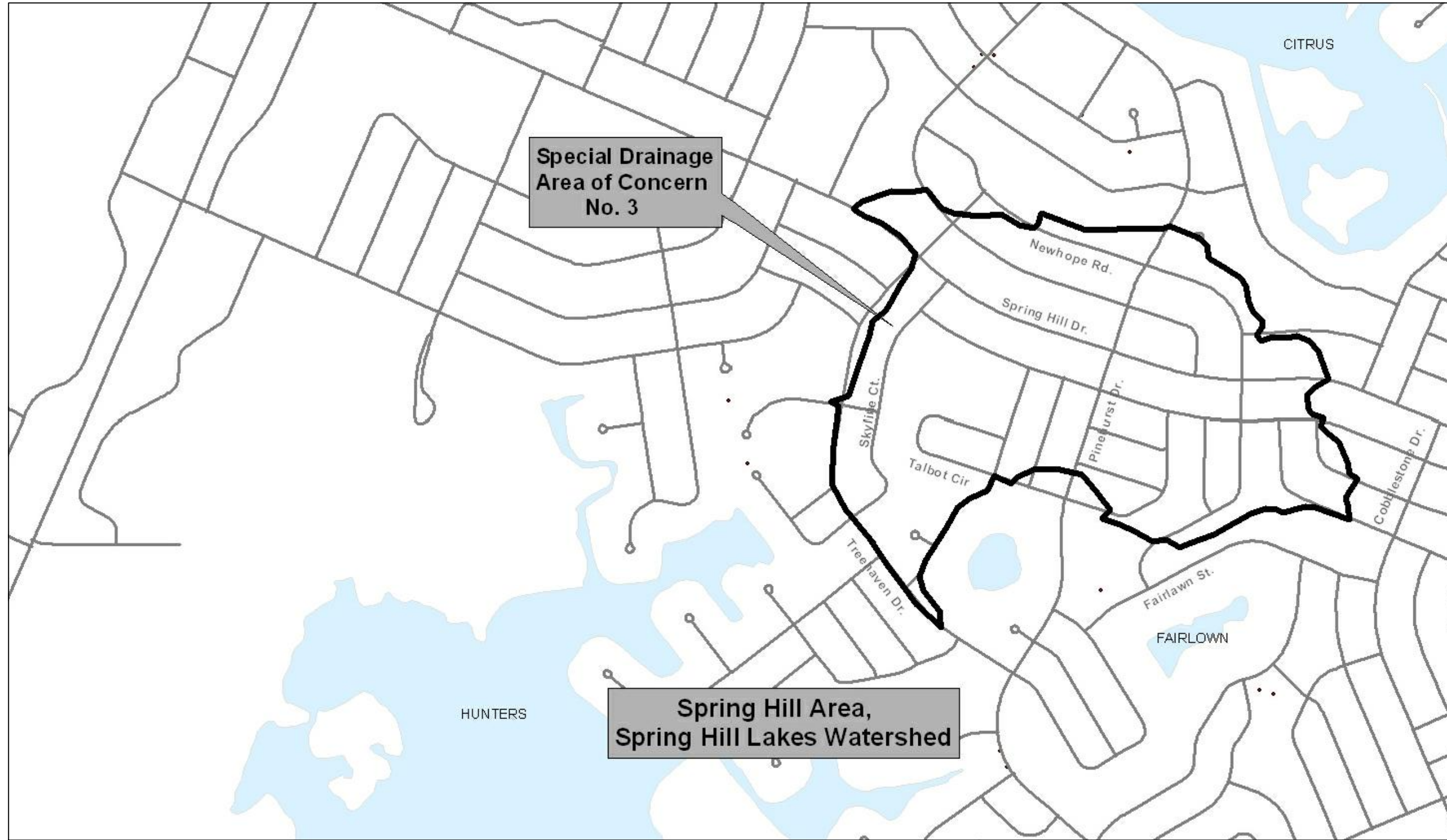
Special Drainage  
Area of Concern  
No. 2

Spring Hill Area, Berkeley Manor  
Spring Hill Lakes Watershed

**HERNANDO COUNTY**  
**DEPARTMENT OF PUBLIC WORKS**  
**ENGINEERING DIVISION**  
 1626 E. JEFFERSON ST.  
 BROOKSVILLE, FLORIDA 34601  
 PH. (352)754-4062 FAX. (352)754-4423

TITLE: DRAINAGE / EROSION STANDARD  
 SPECIAL DRAINAGE AREA OF CONCERN 2

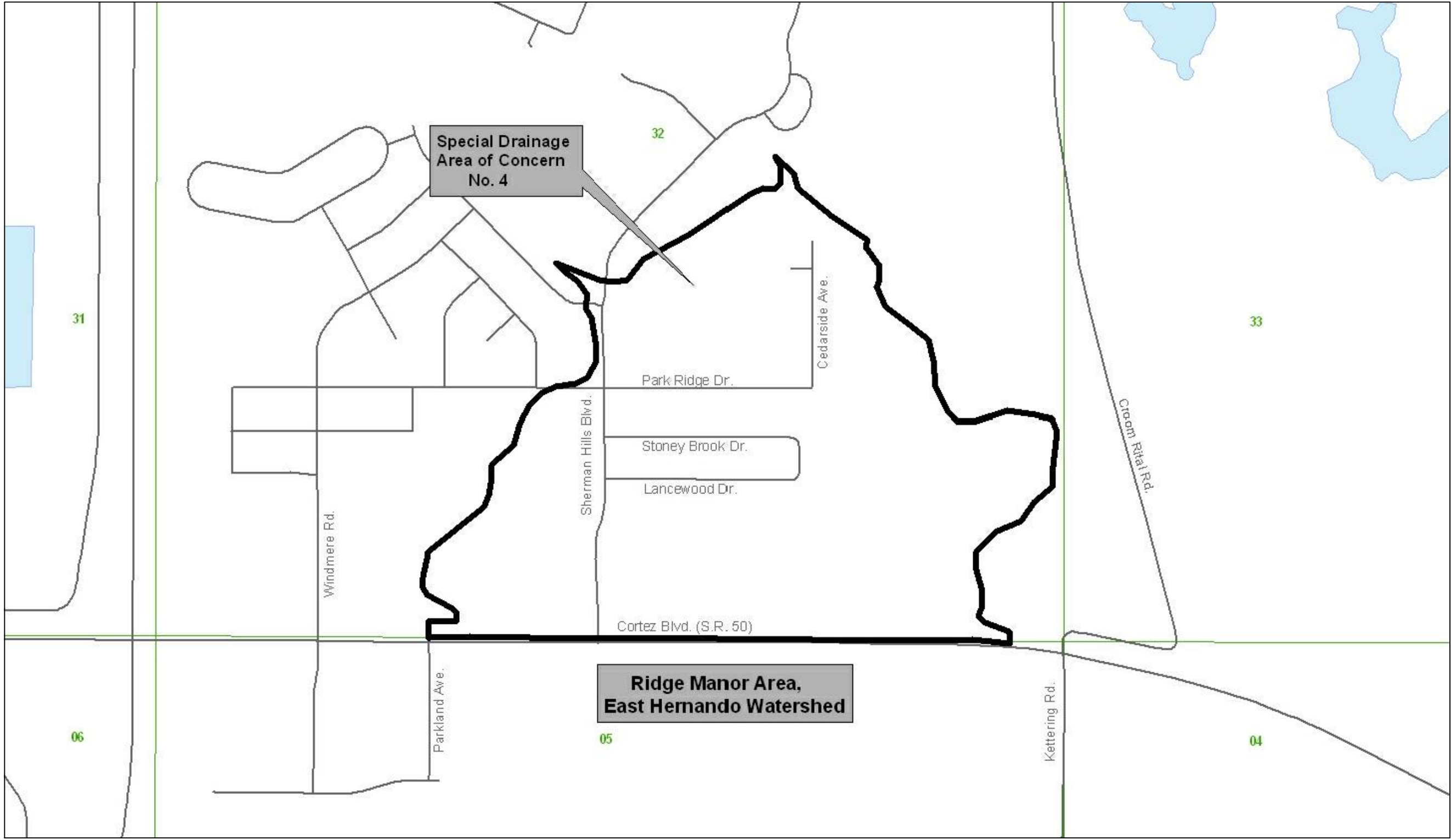
APPROVED BY: C. G. MIXSON, P.E.  
 DATE: 10-01-08  
 NO.: III-20



TITLE: DRAINAGE / EROSION STANDARD  
 SPECIAL DRAINAGE AREA OF CONCERN 3

APPROVED BY: C. G. MIXSON, P.E.  
 DATE: 10-01-08  
 NO.: III-21

**HERNANDO COUNTY**  
 DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING DIVISION  
 1626 E. JEFFERSON ST.  
 BROOKSVILLE, FLORIDA 34601  
 PH. (352)754-4062 FAX. (352)754-4423



**HERNANDO COUNTY**  
**DEPARTMENT OF PUBLIC WORKS**  
**ENGINEERING DIVISION**  
 1625 E. JEFFERSON ST.  
 BROOKSVILLE, FLORIDA 34601  
 PH. (352)754-4062 FAX. (352)754-4423

TITLE: DRAINAGE / EROSION STANDARD  
 SPECIAL DRAINAGE AREA OF CONCERN 4

APPROVED BY: C. G. MIXSON, P.E.  
 DATE: 10-01-08  
 NO.: III-22