

CIVIL ENGINEERING PLANS

FOR A RESIDENTIAL DEVELOPMENT KNOWN AS

HIGH RIDGE VILLAGE PHASE 9

ALABASTER, SHELBY COUNTY, ALABAMA

LIST OF CONTACTS

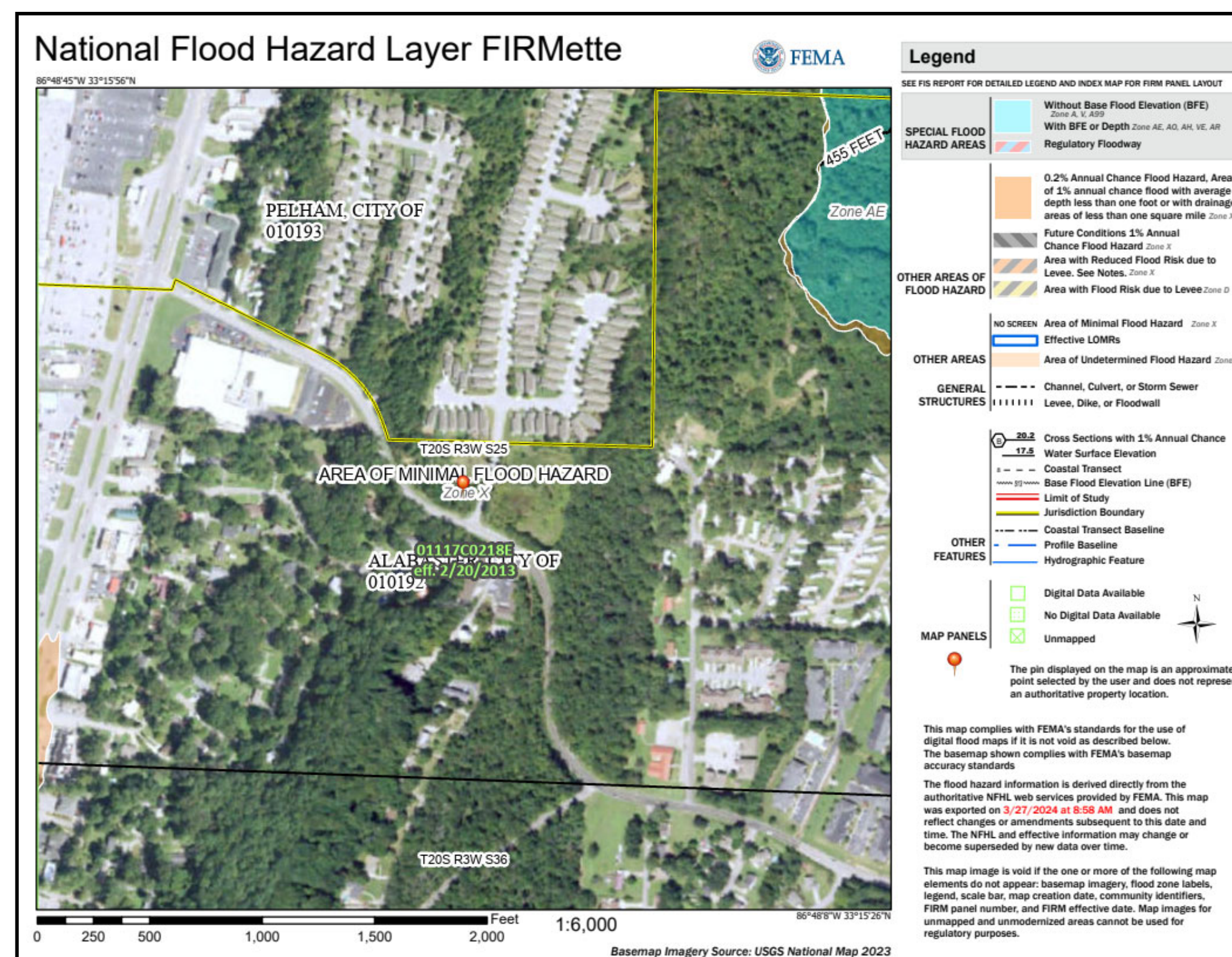
CITY OF ALABASTER
BUILDING AND ENGINEERING SERVICES
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(205) 664-6823

CITY OF ALABASTER
FIRE MARSHAL
CONTACT: THOMAS LAMB
(205) 229-4218

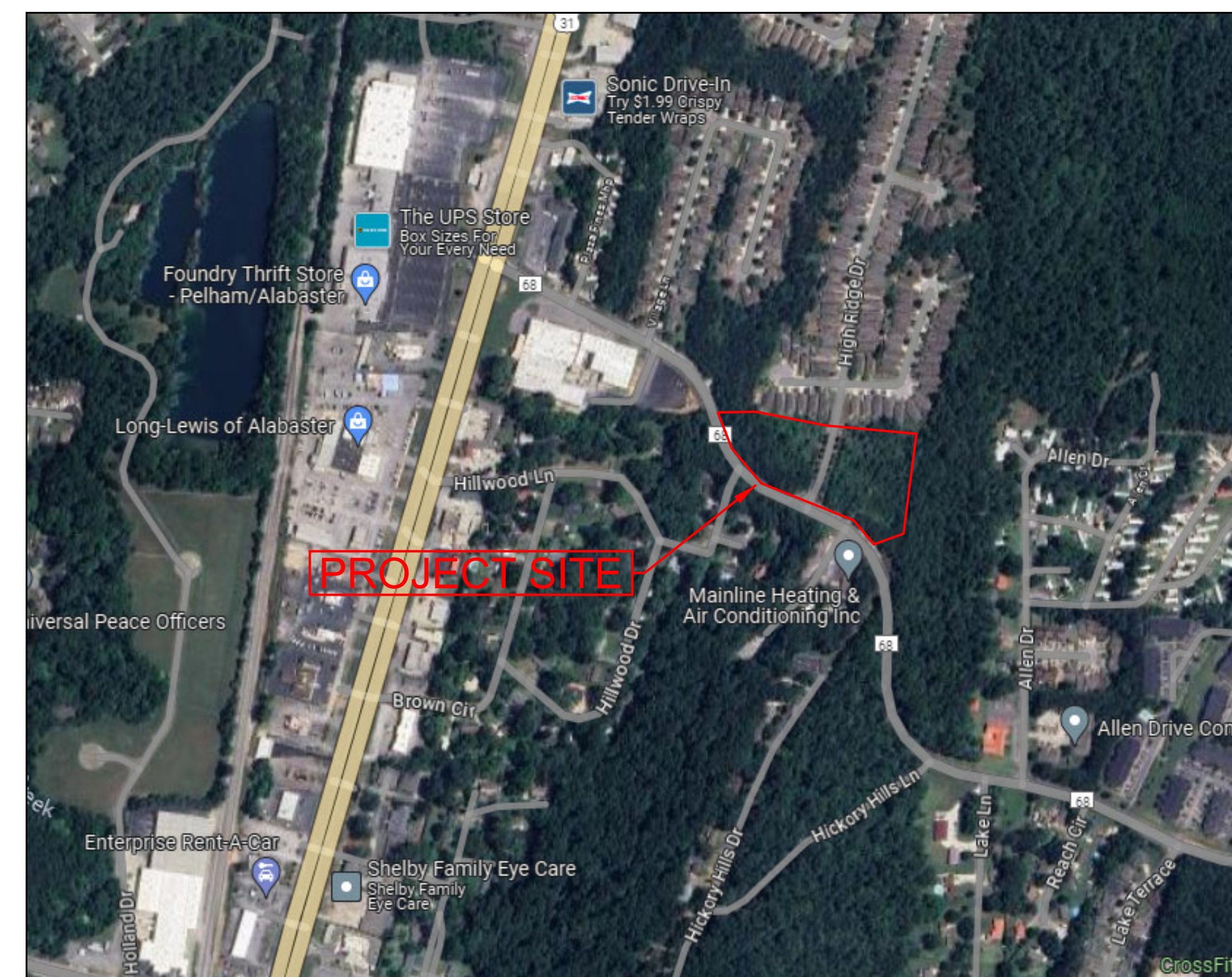
CITY OF ALABASTER
BUILDING OFFICIAL
CONTACT: BRENT JOHNS
(205) 664-6823

CITY OF PELHAM, ALABAMA
WATER & SEWER DEPARTMENT
CONTACT: ANDREW GOLDEN
PHONE: (205) 620-6413

ALABAMA POWER COMPANY
ANTOINE MORDICAN
PHONE: (205) 226-1758



FEMA FIRMETTE 01117C0218E
N.T.S.



VICINITY MAP
N.T.S.

SHEET INDEX

1 OF 1	BOUNDARY SURVEY
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OWNER/DEVELOPER

D.R. HORTON
2188 PARKWAY LAKE DR, SUITE 200
HOOVER, AL 35244
(205) 978-5961
CONTACT: TAHME COX

ENGINEERING

ENGINEERING DESIGN GROUP, LLC
120 BISHOP CIRCLE, SUITE 300
PELHAM, AL 35124
(205) 403-9158
CONTACT: JOE SCHIFANO, P.E.

SURVEYING

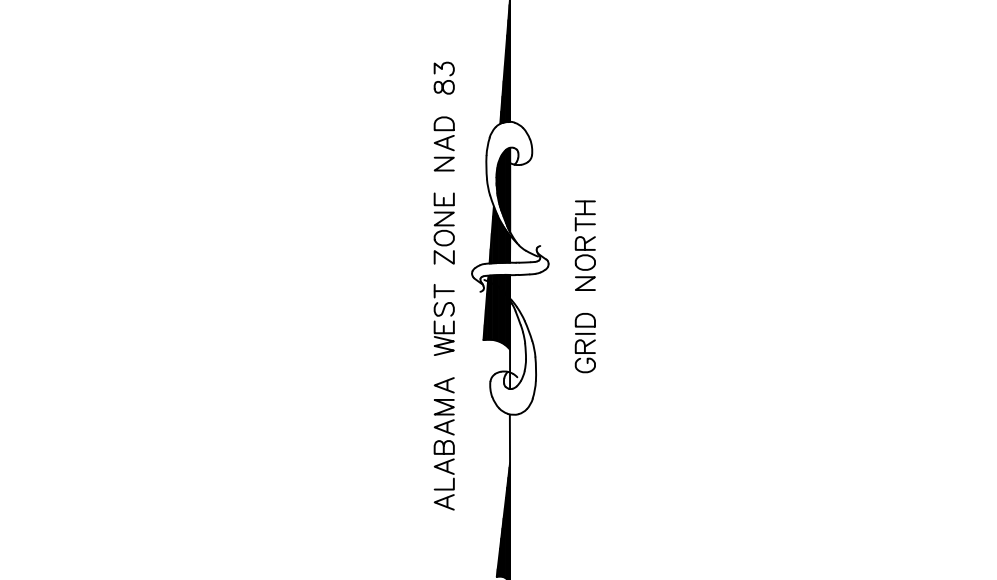
ENGINEERING DESIGN GROUP, LLC
120 BISHOP CIRCLE, SUITE 300
PELHAM, AL 35124
(205) 403-9158
CONTACT: RODNEY CUNNINGHAM, P.L.S.

ISSUE DATE: 08/05/2024



BOUNDARY AND PARTIAL TOPOGRAPHIC
SURVEY OF
PARCEL NUMBER 13-7-25-3-001-001.001
PELHAM, ALABAMA

SITUATED IN SECTION 25,
TOWNSHIP 20 SOUTH, RANGE 3 WEST,
SHELBY COUNTY, ALABAMA



SUBJECT PROPERTY IS A PART OF TRACT OF LAND DESCRIBED BELOW
(INSTRUMENT # 2000-00913):

A PARCEL OF LAND LOCATED IN THE SW 1/4 AND THE SE 1/4-NW 1/4 OF SECTION 25,
TOWNSHIP 20 SOUTH, RANGE 3 WEST, SHELBY COUNTY, ALABAMA, BEING MORE
PARTICULARLY DESCRIBED AS FOLLOWS:

BEGIN AT THE SE CORNER OF THE NE 1/4-SW 1/4 OF SAID SECTION 25; THENCE
NORTH 0°08'19" E ALONG THE EAST LINE
OF SAID SECTION FOR A DISTANCE OF 1336.04'; THENCE N 04°30' E ALONG THE
EAST LINE OF THE SE 1/4-NW 1/4 A DISTANCE OF 995.67'; THENCE N 88°08'06" W A
DISTANCE OF 728.62'; THENCE S 23°26'16" W A DISTANCE OF 660.03'; THENCE N
74°43'35" W A DISTANCE OF 130.0'; THENCE S 15°16'25" W A DISTANCE OF
445.17' TO A POINT LYING ON THE SOUTH LINE OF SAID 1/4-1/4 SECTION; THENCE
N88°56'54" W ALONG SAID 1/4-1/4 LINE A DISTANCE OF 123.35'; THENCE S 1°04'48" W
A DISTANCE OF 121.73'; THENCE N88°46'18" W A DISTANCE OF 41.40'; THENCE
S 15°36'51" W A DISTANCE OF 133.03'; THENCE S 88°46'16" E A DISTANCE OF
195.56'; THENCE S 1°09'56" W A DISTANCE OF 54.23'; THENCE S 88°54' 16" E A
DISTANCE OF 36.96'; THENCE S 15°49'05" W A DISTANCE OF 669.31' TO A POINT
LYING ON THE NORTHERLY RIGHT OF WAY LINE OF SHELBY COUNTY HIGHWAY
#68 (VARIABLE RIGHT OF WAY); THENCE S 63°47'20" E ALONG SAID RIGHT OF
WAY LINE A DISTANCE OF 180.63' TO THE BEGINNING OF A CURVE TO THE RIGHT
HAVING A RADIUS OF 450.0' AND SUBTENDED BY A CHORD WHICH BEARS
48°08'14" EA CHORD DISTANCE OF 242.81'; THENCE ALONG THE ARC OF SAID
CURVE AND SAID RIGHT OF WAY LINE A DISTANCE OF 245.85' TO A POINT; SAID
POINT BEING THE INTERSECTION OF THE NORTHERLY RIGHT OF WAY OF SAID
SHELBY COUNTY HIGHWAY #68 AND THE CENTERLINE OF WILSON ROAD; SAID
POINT ALSO LYING ON A CURVE TO THE LEFT HAVING A RADIUS OF 60.0' AND
SUBTENDED BY A CHORD WHICH BEARS N5° 16' 10" E A CHORD DISTANCE OF
26.51'; THENCE ALONG THE ARC OF SAID CURVE AND SAID CENTERLINE, A
DISTANCE OF 26.73' TO THE END OF AFORESAID CURVE AND THE BEARING OF A
CURVE TO THE LEFT HAVING A RADIUS OF 286.22' AND SUBTENDED BY A CHORD
WHICH BEARS N 16°29'42" W A CHORD DISTANCE OF 89.56'; THENCE ALONG THE
ARC OF SAID CURVE AND SAID CENTERLINE A DISTANCE OF 89.93' TO THE END OF
SAID CURVE; THENCE N 25°29'47" W ALONG THE APPROXIMATE CENTERLINE OF
SAID WILSON ROAD A DISTANCE OF 86.32'; THENCE N71°49'59" W ALONG SAID
APPROXIMATE CENTERLINE A DISTANCE OF 100.44'; THENCE LEAVING SAID
CENTERLINE, N 15°36'16" EA DISTANCE OF 188.18'; THENCE S 78°20'53" EA
DISTANCE OF 79.09'; THENCE N 15°40'30" EA DISTANCE OF 331.15'; THENCE S
74°19'30" E A DISTANCE OF 210.0'; THENCE S 15°40'30" W A DISTANCE OF 750.0';
THENCE S 85°49'06" W A DISTANCE OF 23.26' TO A POINT LYING ON THE
NORTHEASTERLY RIGHT OF WAY LINE OF SHELBY COUNTY HIGHWAY #68; SAID
POINT ALSO LYING ON A REVERSE COMPOUND CURVE TO THE RIGHT HAVING A
CHORD DISTANCE OF 450.0' AND SUBTENDED BY A CHORD WHICH BEARS S 17°56'56" E A
CHORD DISTANCE OF 60.02'; THENCE ALONG THE ARC OF SAID CURVE AND SAID
RIGHT OF WAY LINE A DISTANCE OF 60.06' TO THE END OF AFORESAID CURVE
AND THE BEGINNING OF SAID COMPOUND CURVE TO THE LEFT HAVING A RADIUS
OF 431.63' AND SUBTENDED BY A CHORD WHICH BEARS S 26°18'25" EA CHORD
DISTANCE OF 182.17'; THENCE ALONG THE ARC OF SAID CURVE AND SAID RIGHT
OF WAY LINE A DISTANCE OF 183.55' TO THE END OF AFORESAID CURVE AND THE
BEGINNING OF A CURVE TO THE LEFT HAVING A RADIUS OF 260.68' AND
SUBTENDED BY A CHORD WHICH BEARS S 52°22'08" EA CHORD DISTANCE OF
125.07'; THENCE ALONG THE ARC OF SAID CURVE AND SAID RIGHT OF WAY LINE
A DISTANCE OF 126.30' TO THE END OF SAID CURVE; THENCE S 66°14'55" E
ALONG SAID RIGHT OF WAY LINE A DISTANCE OF 230.64' TO THE BEGINNING OF A
CURVE TO THE RIGHT HAVING A RADIUS OF 442.50' AND SUBTENDED BY A
CHORD WHICH BEARS S 40°03'20" E A CHORD DISTANCE OF 390.64'; THENCE
ALONG THE ARC OF SAID CURVE AND SAID RIGHT OF WAY LINE A DISTANCE OF
404.58'; THENCE LEAVING SAID RIGHT OF WAY LINE S 89°58'06" E A DISTANCE OF
140.51'; THENCE N 0°01'54" E ALONG A LINE 200.0' WEST OF AND PARALLEL TO
THE EAST LINE OF THE SE 1/4-SW 1/4 OF SECTION 25, A DISTANCE OF 600.0';
THENCE S 88°58'42" E A DISTANCE OF 200.0' TO THE POINT OF BEGINNING,
CONTAINING 64.05 ACRES, MORE OR LESS.

I HEREBY STATE THAT ALL PARTS OF THIS SURVEY AND DRAWING HAVE BEEN COMPLETED IN ACCORDANCE WITH
THE CURRENT REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR SURVEYING IN THE STATE OF ALABAMA TO
THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

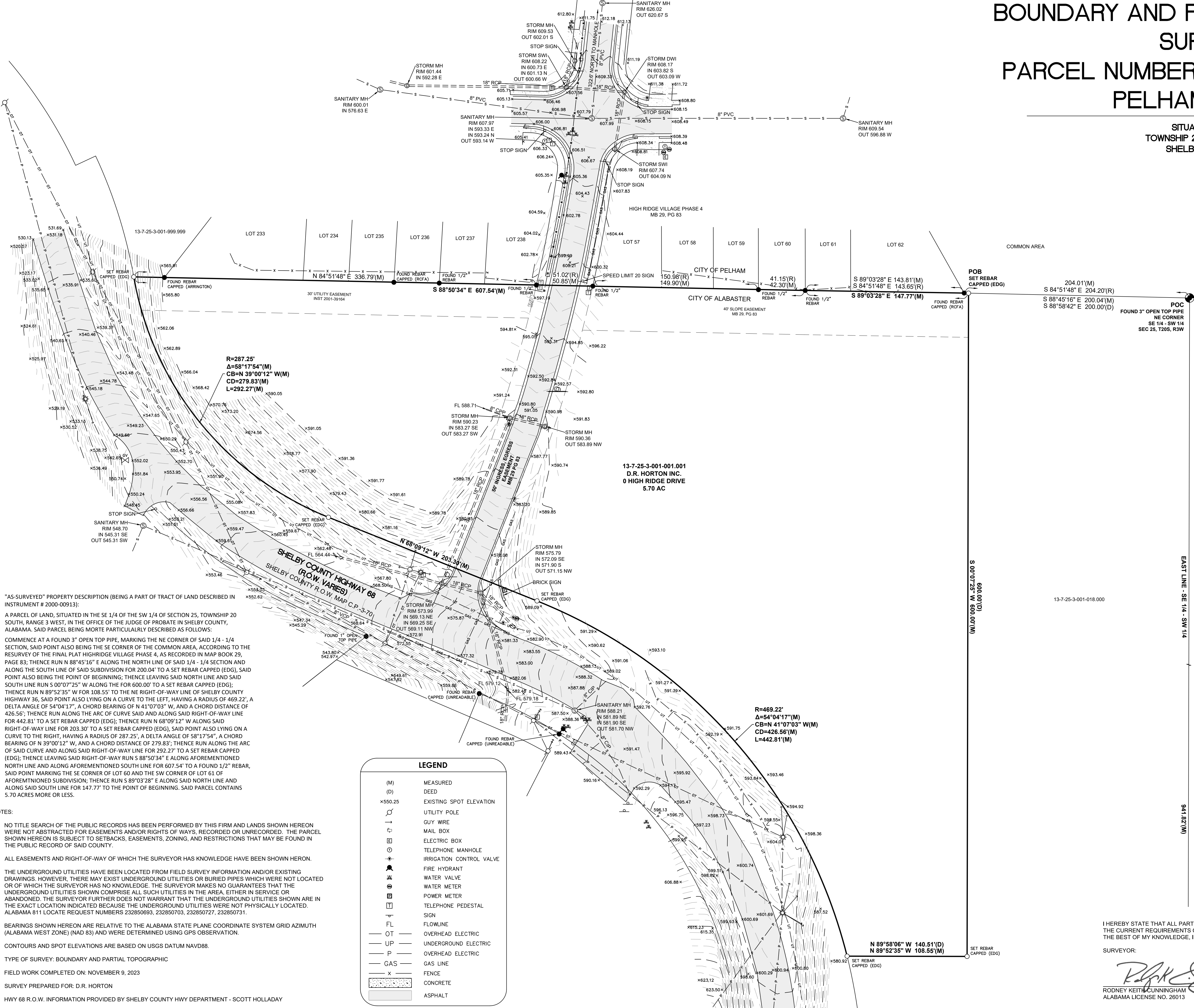
SURVEYOR:

RODNEY KEITH CUNNINGHAM
ALABAMA LICENSE NO. 26013

DATE: December 21, 2023



REVISIONS	DATE
ADDITIONAL TOPOGRAPHY ADDED NORTH OF SURVEY	12-19-2023
DRAWN BY: JAT	CHECKED BY: RKC
PROJECT No.: DRH00062	DATE: December 21, 2023
SCALE: 1" = 40'	
PARCEL NUMBER 13-7-25-3-001-001.001 PELHAM, ALABAMA	BOUNDARY AND PARTIAL TOPOGRAPHIC SURVEY
120 BISHOP CIRCLE, SUITE 300 (PELHAM) PELHAM, AL 35124 TEL - (205) 403-9158 1000 E. LAUREL AVENUE (FOLEY) FOLEY, AL. 36555 (251) 943-8960	ENGINEERING DESIGN GROUP, LLC CIVIL ENGINEERING & LAND SURVEYING (205) 403-9158 (251) 943-8960
SHEET NO.	1 OF 1



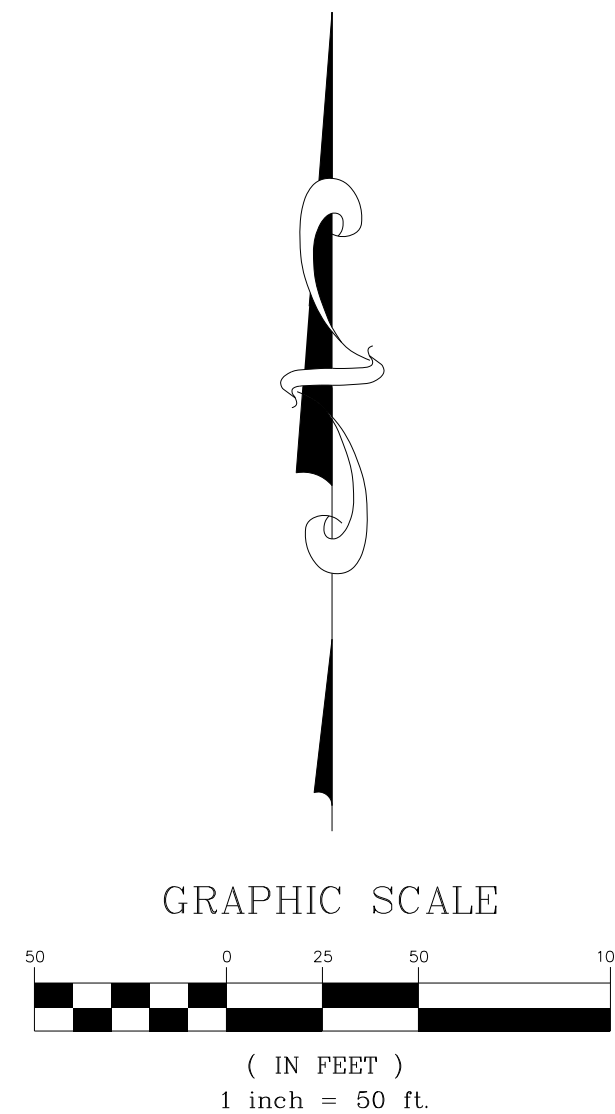
"AS-SURVEYED" PROPERTY DESCRIPTION (BEING A PART OF TRACT OF LAND DESCRIBED IN
INSTRUMENT # 2000-00913):

A PARCEL OF LAND, SITUATED IN THE SE 1/4 OF THE SW 1/4 OF SECTION 25, TOWNSHIP 20
SOUTH, RANGE 3 WEST, IN THE OFFICE OF THE JUDGE OF PROBATE IN SHELBY COUNTY,
ALABAMA. SAID PARCEL BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT A FOUND 3" OPEN TOP PIPE, MARKING THE NE CORNER OF SAID 1/4 - 1/4
SECTION, SAID POINT ALSO BEING THE SE CORNER OF THE COMMON AREA, ACCORDING TO THE
RESURVEY OF THE FINAL PLAT HIGH RIDGE VILLAGE PHASE 4, AS RECORDED IN MAP BOOK 23,
PAGE 83; THENCE RUN N 88°45'16" E ALONG THE NORTH LINE OF SAID 1/4 - 1/4 SECTION AND
ALONG THE SOUTH LINE OF SAID SUBDIVISION FOR 200.04' TO A SET REBAR CAPPED (EDG), SAID
POINT ALSO BEING THE POINT OF BEGINNING; THENCE LEAVING SAID NORTH LINE AND SAID
SOUTH LINE RUN S 00°07'25" W ALONG THE FOR 600.00' TO A SET REBAR CAPPED (EDG);
THENCE RUN N 89°52'35" W FOR 108.55' TO THE NE RIGHT-OF-WAY LINE OF SHELBY COUNTY
HIGHWAY 36, SAID POINT ALSO LYING ON A CURVE TO THE LEFT, HAVING A RADIUS OF 469.22', A
DELTA ANGLE OF 54°04'17", A CHORD BEARING OF N 41°07'03" W, AND A CHORD DISTANCE OF
426.56'; THENCE RUN ALONG THE ARC OF CURVE SAID AND ALONG SAID RIGHT-OF-WAY LINE
FOR 442.81' TO A SET REBAR CAPPED (EDG); THENCE RUN N 68°09'12" W ALONG SAID
RIGHT-OF-WAY LINE FOR 203.30' TO A SET REBAR CAPPED (EDG), SAID POINT ALSO LYING ON A
CURVE TO THE RIGHT, HAVING A RADIUS OF 287.25', A DELTA ANGLE OF 58°17'54", A CHORD
BEARING OF N 39°00'12" W, AND A CHORD DISTANCE OF 279.83'; THENCE RUN ALONG THE ARC
OF SAID CURVE AND ALONG SAID RIGHT-OF-WAY LINE FOR 292.27' TO A SET REBAR CAPPED
(EDG); THENCE LEAVING SAID RIGHT-OF-WAY RUN S 88°50'34" E ALONG AFOREMENTIONED
NORTH LINE AND ALONG AFOREMENTIONED SOUTH LINE FOR 607.54' TO A FOUND 1/2" REBAR,
SAID POINT MARKING THE SE CORNER OF LOT 60 AND THE SW CORNER OF LOT 61 OF
AFOREMENTIONED SUBDIVISION; THENCE RUN S 89°03'28" E ALONG SAID NORTH LINE AND
ALONG SAID SOUTH LINE FOR 147.77' TO THE POINT OF BEGINNING. SAID PARCEL CONTAINS
5.70 ACRES MORE OR LESS.

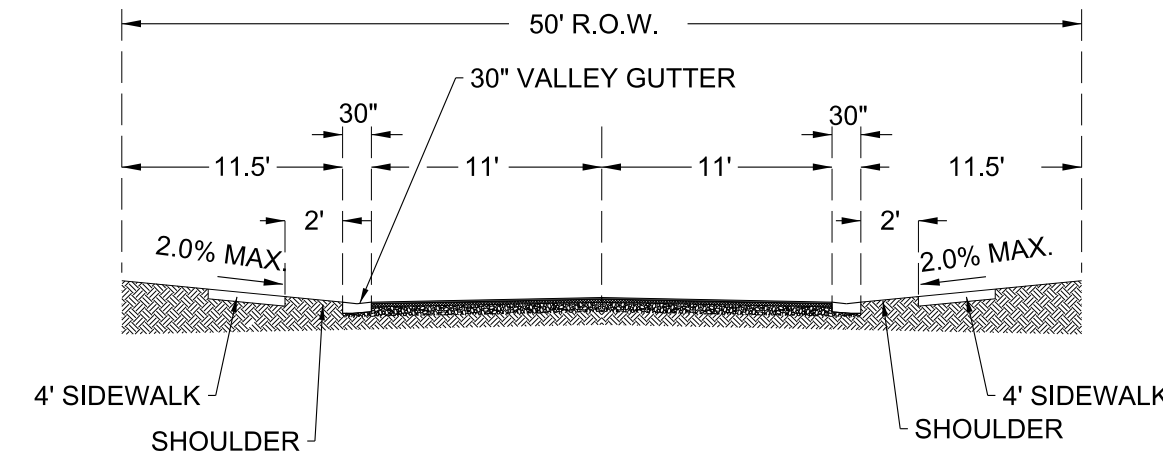
NOTES:

- NO TITLE SEARCH OF THE PUBLIC RECORDS HAS BEEN PERFORMED BY THIS FIRM AND LANDS SHOWN HEREON
WERE NOT ABSTRACTED FOR EASEMENTS AND/OR RIGHTS OF WAYS, RECORDED OR UNRECORDED. THE PARCEL
SHOWN HEREON IS SUBJECT TO SETBACKS, EASEMENTS, ZONING, AND RESTRICTIONS THAT MAY BE FOUND IN
THE PUBLIC RECORD OF SAID COUNTY.
- ALL EASEMENTS AND RIGHT-OF-WAY OF WHICH THE SURVEYOR HAS KNOWLEDGE HAVE BEEN SHOWN HERON.
- THE UNDERGROUND UTILITIES HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND/OR EXISTING
DRAWINGS. HOWEVER, THERE MAY EXIST UNDERGROUND UTILITIES OR BURIED PIPES WHICH WERE NOT LOCATED
OR OF WHICH THE SURVEYOR HAS NO KNOWLEDGE. THE SURVEYOR MAKES NO GUARANTEES THAT THE
UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR
ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN
THE EXACT LOCATION INDICATED BECAUSE THE UNDERGROUND UTILITIES WERE NOT PHYSICALLY LOCATED.
ALABAMA 811 LOCATE REQUEST NUMBERS 232850693, 232850703, 232850727, 232850731.
- BEARINGS SHOWN HEREON ARE RELATIVE TO THE ALABAMA STATE PLANE COORDINATE SYSTEM GRID AZIMUTH
(ALABAMA WEST ZONE) (NAD 83) AND WERE DETERMINED USING GPS OBSERVATION.
- CONTOURS AND SPOT ELEVATIONS ARE BASED ON USGS DATUM NAVD88.
- TYPE OF SURVEY: BOUNDARY AND PARTIAL TOPOGRAPHIC
- FIELD WORK COMPLETED ON: NOVEMBER 9, 2023
- SURVEY PREPARED FOR: D.R. HORTON
- HWY 68 R.O.W. INFORMATION PROVIDED BY SHELBY COUNTY HWY DEPARTMENT - SCOTT HOLLADAY



NOTES:

1. THE CITY ENGINEER SHALL BE PROVIDED NOTIFICATION OF WORK AT LEAST 24 HOURS PRIOR TO STARTING EACH PHASE OF WORK.
2. ALL PERMITS OR APPROVALS BY ADEM, ALDOT, FEMA, CORPS OF ENGINEERS AND OTHERS AS REQUIRED WILL BE OBTAINED PRIOR TO DISTURBING ANY AREAS UNDER JURISDICTION OF SUCH PERMITS.
3. THERE SHALL BE NO LAND DISTURBING ACTIVITY UNTIL PROOF OF ADEM NOR COVERAGE PROVIDED TO CITY AND ADEQUATE EROSION CONTROL PROVIDED.
4. PER FEMA FIRMETTE 01117C0218E NO PORTION OF THIS SITE LIES WITHIN THE FLOODPLAIN.

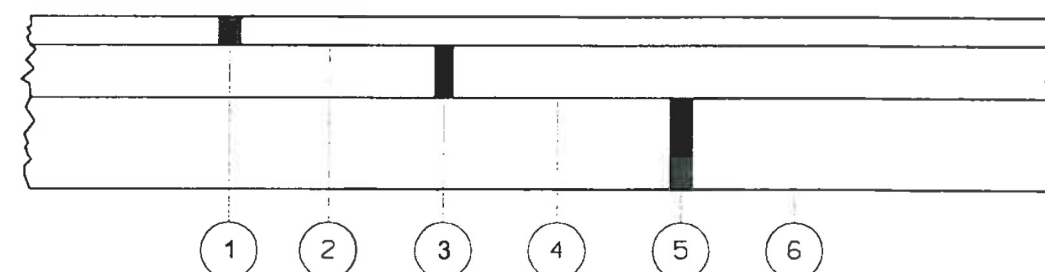


TYPICAL STREET SECTION
NTS

DATUM OF SURVEY NAVD 88
BENCHMARK: 3" OPEN TOP PIPE ELEV. = 532.72
ZONED: R3
TOTAL ACREAGE: 5.7+/- AC
TOTAL LOTS: 7
MINIMUM LOT WIDTH: 80'
TYPICAL LOT DEPTH: 125'
MINIMUM LOT AREA: 10,000 SF
TYPICAL BUILDING PAD: 60'X75'
R.O.W.: 50'
SETBACKS:FRONT: 30 FEET
REAR: 20 FEET
SIDE: 10 FEET

TOTAL ACERAGE WITHIN R.O.W.: 0.50 Ac

TOTAL LINEAR FOOTAGE:
STREETS - 445 L.F.
SIDEWALK - 977 L.F.
VALLEY GUTTER - 830 L.F.
18" CURB AND GUTTER - 59 L.F.
STORM SEWER - 219 L.F.
WATER - 549 L.F. (CITY OF PELHAM)
SEWER - 736 L.F. (CITY OF PELHAM)



- 1 REQUIRED 1" IMPROVED BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A, B, AND C (ALDOT SECTION 429)
- 2 REQUIRED TACK COAT (ALDOT 405)
- 3 REQUIRED 2" IMPROVED BITUMINOUS CONCRETE UPPER BINDER LAYER, 1" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A, B, AND C (ALDOT SECTION 429)
- 4 REQUIRED BITUMINOUS TREATMENT (PRIME) (ALDOT 401, TYPE A)
- 5 REQUIRED 8" CRUSHED AGGREGATE BASE COURSE, TYPE B, (ALDOT 301 & ALDOT 825)
- 6 SUBGRADE: TOP 24 INCHES - 100% COMPACTION ASTM, UNLESS OTHERWISE SPECIFIED.

DETAIL No.
RD-4

"TYPICAL"
MINIMUM ASPHALT TYPICAL
SECTION (RESIDENTIAL)
SCALE: NONE

Alabaster

REVISIONS
1. REDUCED LOT COUNT FROM 8 LOTS TO 7 LOTS

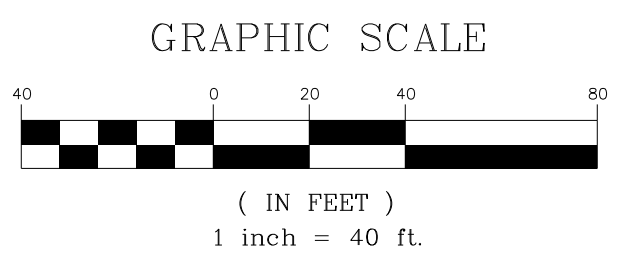
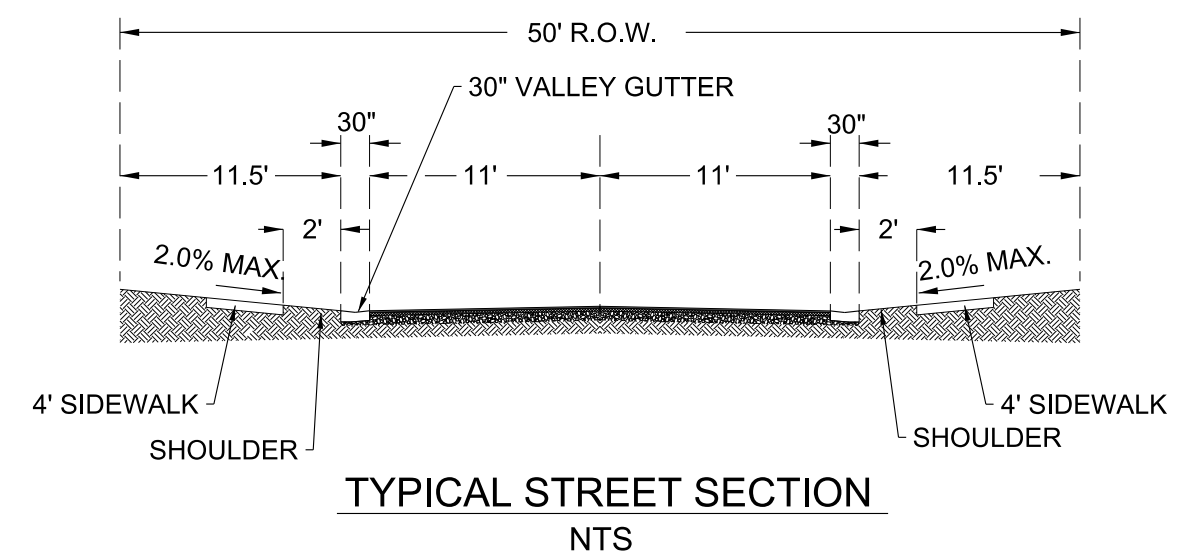
SHELBY COUNTY HIGHWAY 68
ALABASTER, AL

SITE PRELIMINARY PLAT
SECTION 25 TOWNSHIP 20 SOUTH
RANGE 3 WEST, SHELBY COUNTY, AL

HIGH RIDGE VILLAGE
PHASE 9

DRAWN BY:
CM
CHECKED BY:
WHL
PROJECT No.:
DRHO0062
CAD FILE:
C:_PP1-R1 - PrePlat.dgn
DATE:
MARCH 28, 2024
SHEET No.

PP1-R1



08-05-2024
ALABAMA
REGISTERED
PROFESSIONAL
ENGINEER
DAVID TEIGLE

EDG
ENGINEERING DESIGN GROUP, LLC

PELHAM, AL
120 BISHOP CIRCLE SUITE 300
PELHAM, AL 35104
(205) 403-9156

FOLEY, AL
1000 EAST LAUREL AVENUE
FOLEY, AL 36535
(251) 943-6560

REVISIONS

SHELBY COUNTY HIGHWAY 68
ALABASTER, AL

SITELAYOUT
PLAN

HIGH RIDGE VILLAGE
PHASE 9

DRAWN BY:
RDT

CHECKED BY:
WHL

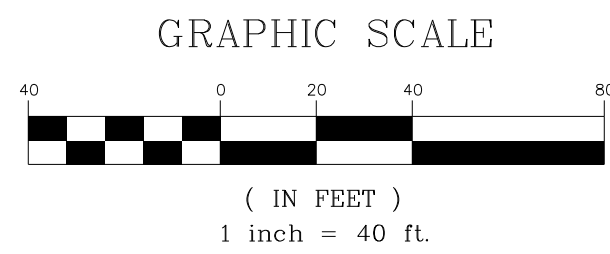
PROJECT No.:
DRHO0062

CAD FILE:
C2 - Plot Layout.dgn

DATE:
08/05/2024

SHEET No.:
C2





08-05-2024

EDG
ENGINEERING DESIGN GROUP, LLC

PELHAM, AL
120 BISHOP CIRCLE SUITE 300
PELHAM, AL 35104
(205) 403-9156

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1000 EAST LAUREL AVENUE
FOLEY, AL 36535
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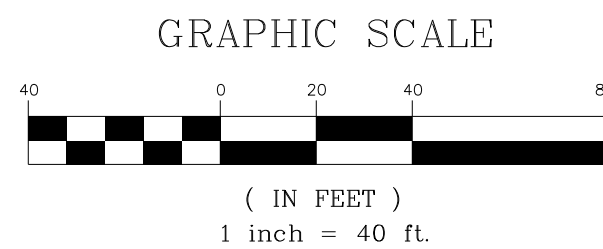
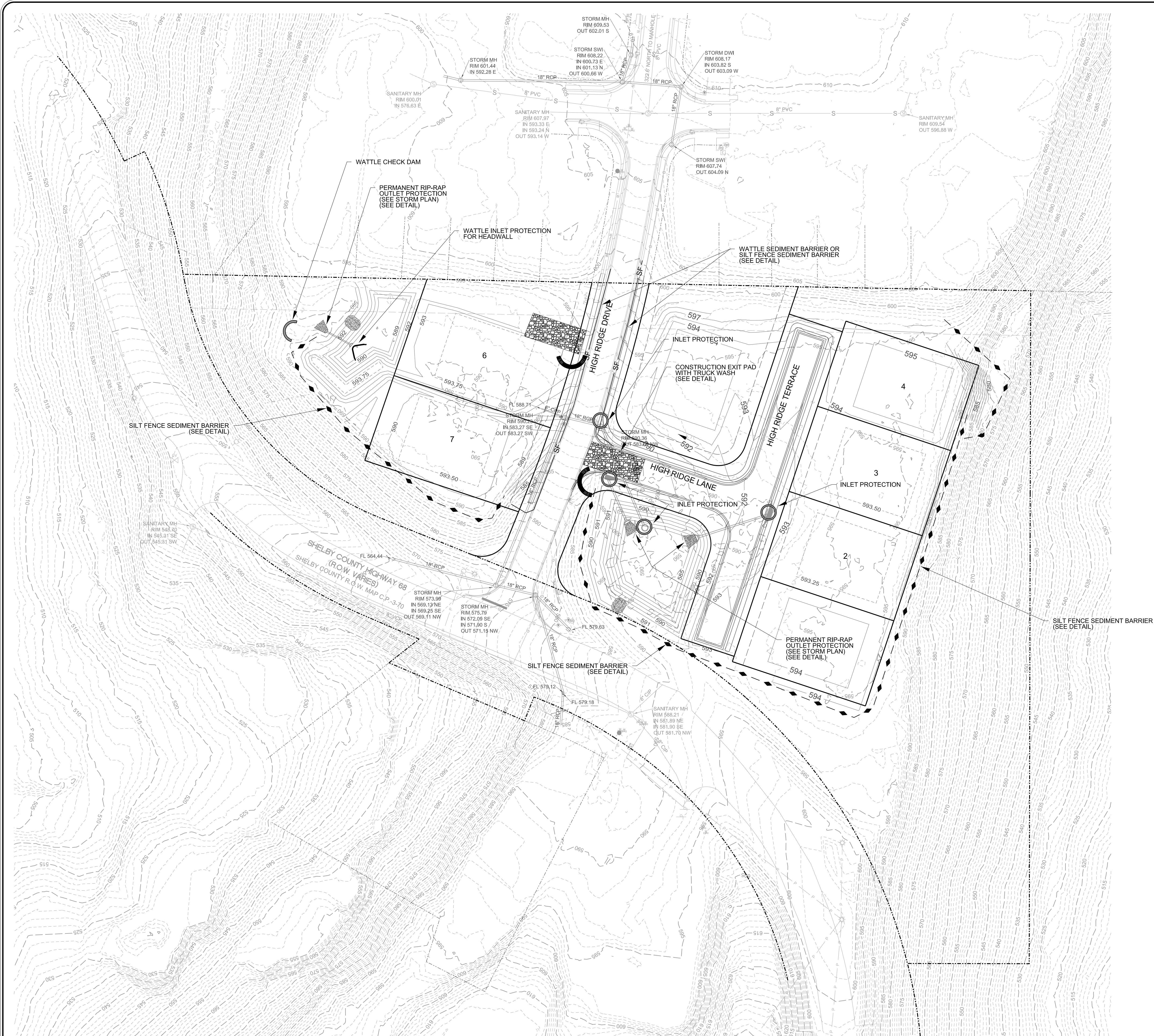
REVISIONS

SHELBY COUNTY HIGHWAY 68
ALABASTER, AL

SITE UTILITY
PLAN

HIGH RIDGE VILLAGE
PHASE 9

DRAWN BY: RDT
CHECKED BY: WHL
PROJECT No.: DRHO0062
CAD FILE: C5 - Plot Utility.dgn
DATE: 08/05/2024
SHEET No.: C5



08-05-2024

EDG

ENGINEERING DESIGN GROUP, LLC

PELHAM, AL
120 BISHOP CIRCLE SUITE 300
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(205) 403-9156

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FOLEY, AL 36555
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REVISIONS

SHELBY COUNTY HIGHWAY 68
ALABASTER, AL

EROSION CONTROL
PLAN

HIGH RIDGE VILLAGE
PHASE 9

EROSION CONTROL
PLAN

DRAWN BY: RDT

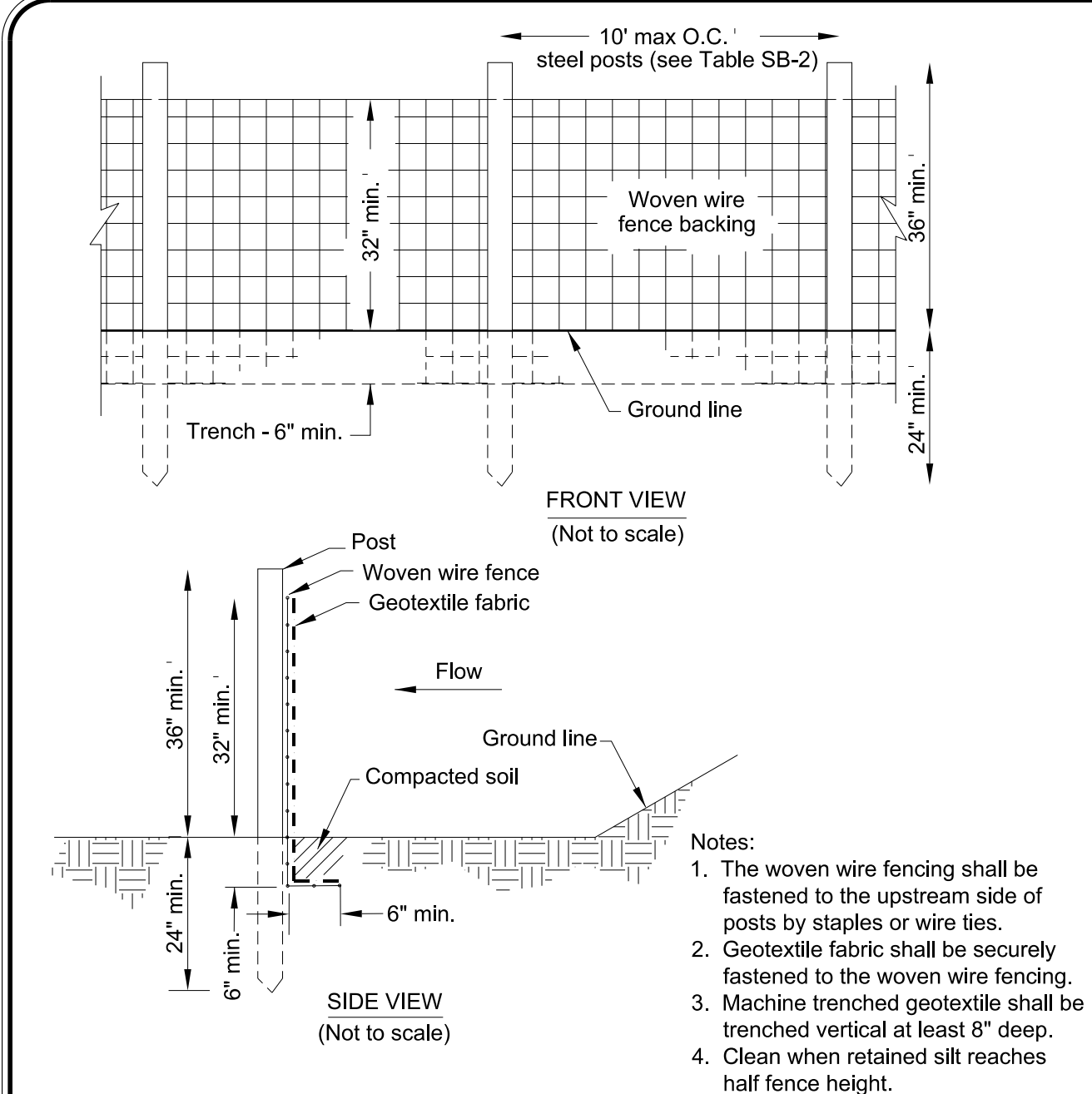
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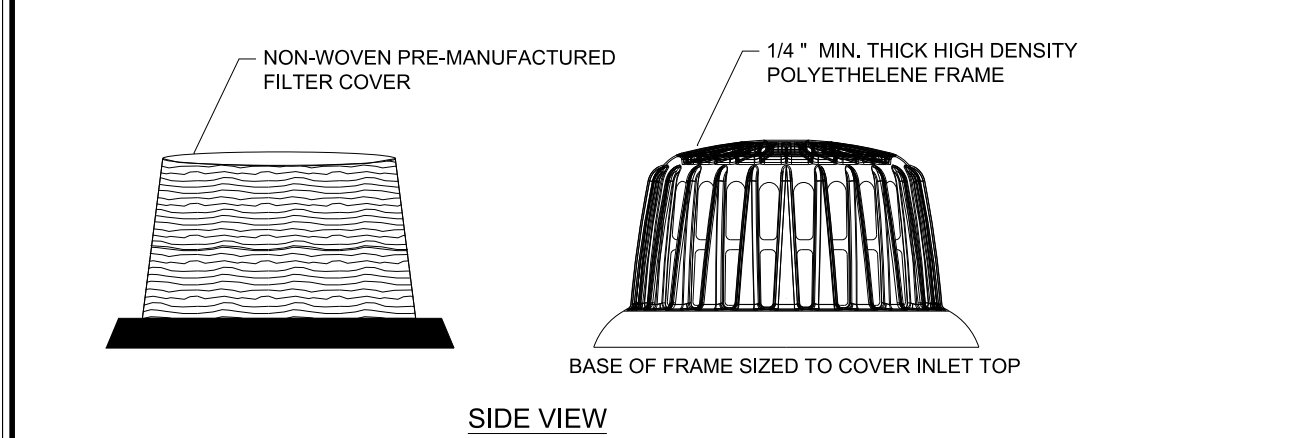
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DATE: 08/05/2024

SHEET No.: C6.0



TYPE-A SILT FENCE - (SB-F)



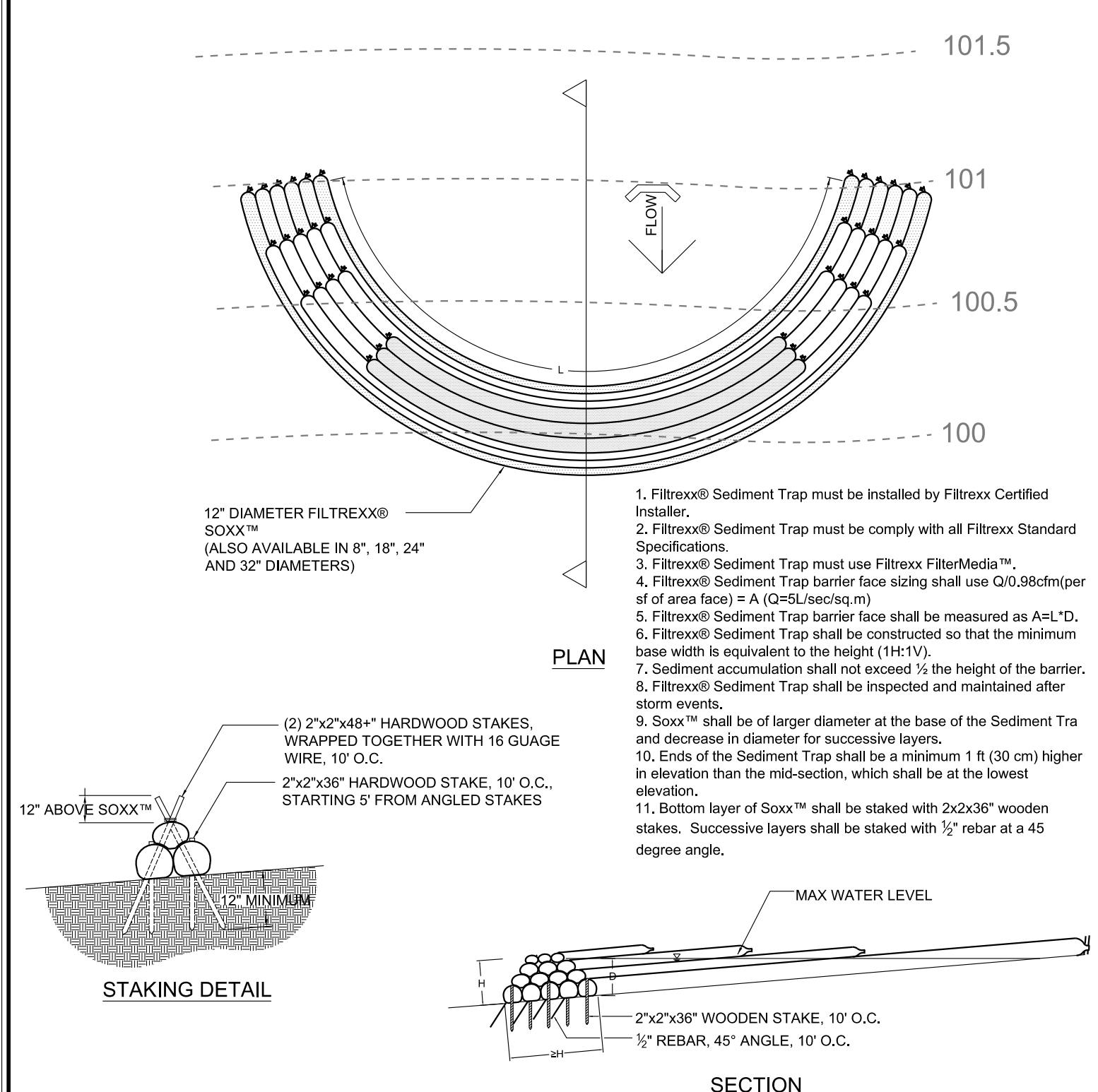
TYPICAL CONSTRUCTION SEQUENCE FOR FRAME & FILTER ASSEMBLY

1. EXCAVATE APPROXIMATELY 4" TO 6" BELOW THE TOP OF THE INLET STRUCTURE.
2. PLACE THE FRAME ONTO THE INLET STRUCTURE. ENSURE THE FRAME COVERS STRUCTURE COMPLETELY.
3. PLACE THE FILTER OVER THE FRAME.
4. FILL THE FILTER POCKETS WITH #57 GRAVEL OR EQUIVALENT. THE FILTER POCKETS SHOULD BE COMPLETELY FILLED TO ENSURE A GOOD SEAL BETWEEN THE GROUND AND THE INLET STRUCTURE.
5. BACKFILL AROUND THE FRAME AND FILTER ASSEMBLY IS NOT REQUIRED TO COMPLETE INSTALLATION; HOWEVER, BACKFILLING MAY BE NECESSARY TO COMPLETE EXCAVATION REQUIREMENTS FOR THE SITE.

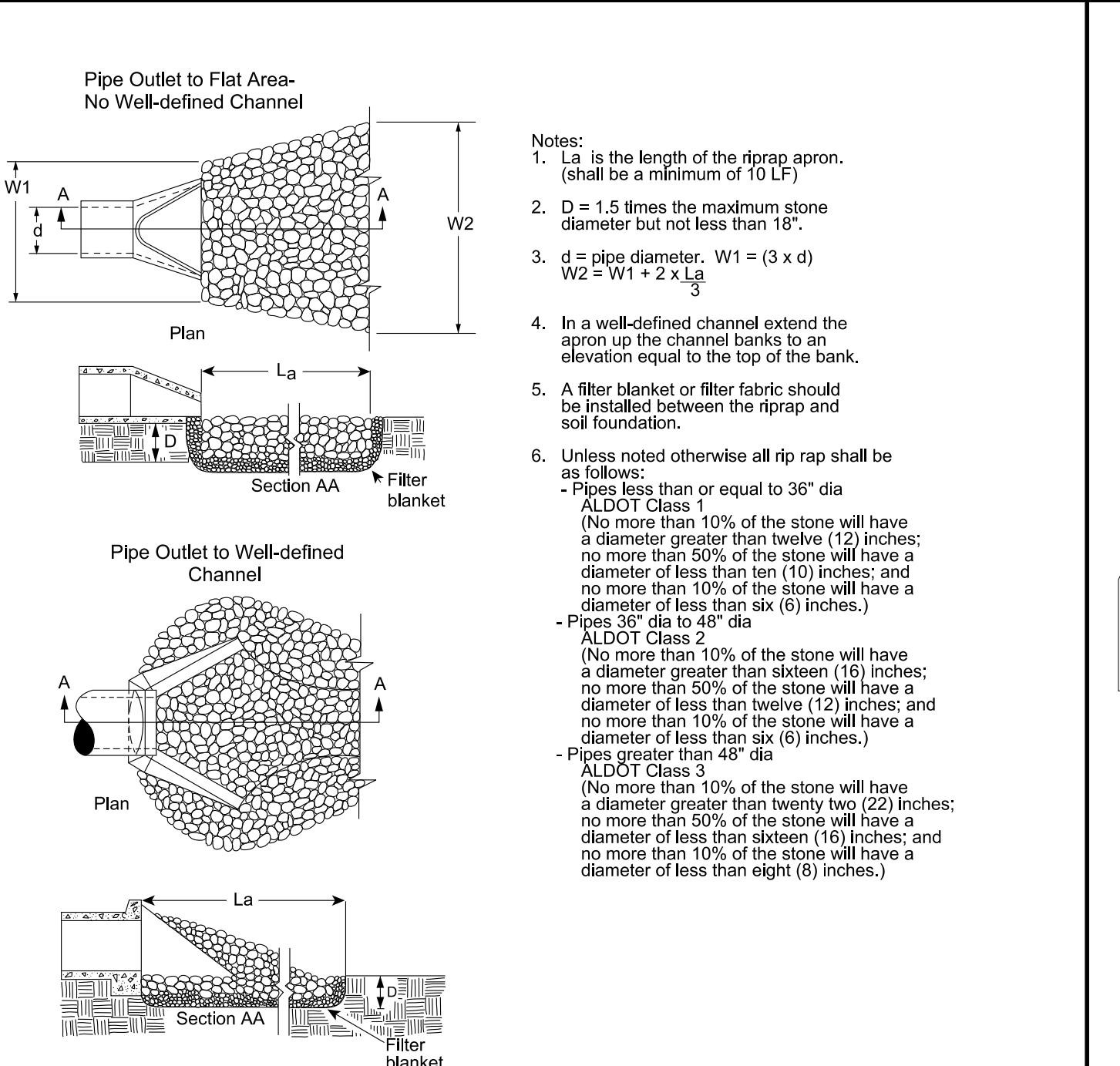
MAINTENANCE REQUIREMENTS FOR FRAME AND FILTER ASSEMBLY

1. MAINTENANCE IS REQUIRED WHEN ERODED SOILS REACH A POINT OF 65% OF THE TOTAL HEIGHT OF THE FRAME OR APPROXIMATELY 7 TO 9 INCHES OF THE GREY FILTER MATERIAL IS SHOWING.
2. REMOVE THE IMPACTED MATERIAL BY HAND OR MACHINE METHOD, PAYING CLOSE ATTENTION NOT TO DAMAGE THE FRAME OR FILTER.
3. BRUSH, SWEEP OR WASH FILTER AND INSPECT FOR ANY CUTS AND/OR ABRASIONS. REPLACE FILTER AS NECESSARY. INSPECT FRAME FOR ANY STRESS OR DAMAGE, REPLACE AS NECESSARY.
4. REFILL FILTER POCKETS, BACKFILL AS REQUIRED BY JOBSITE CONDITIONS.

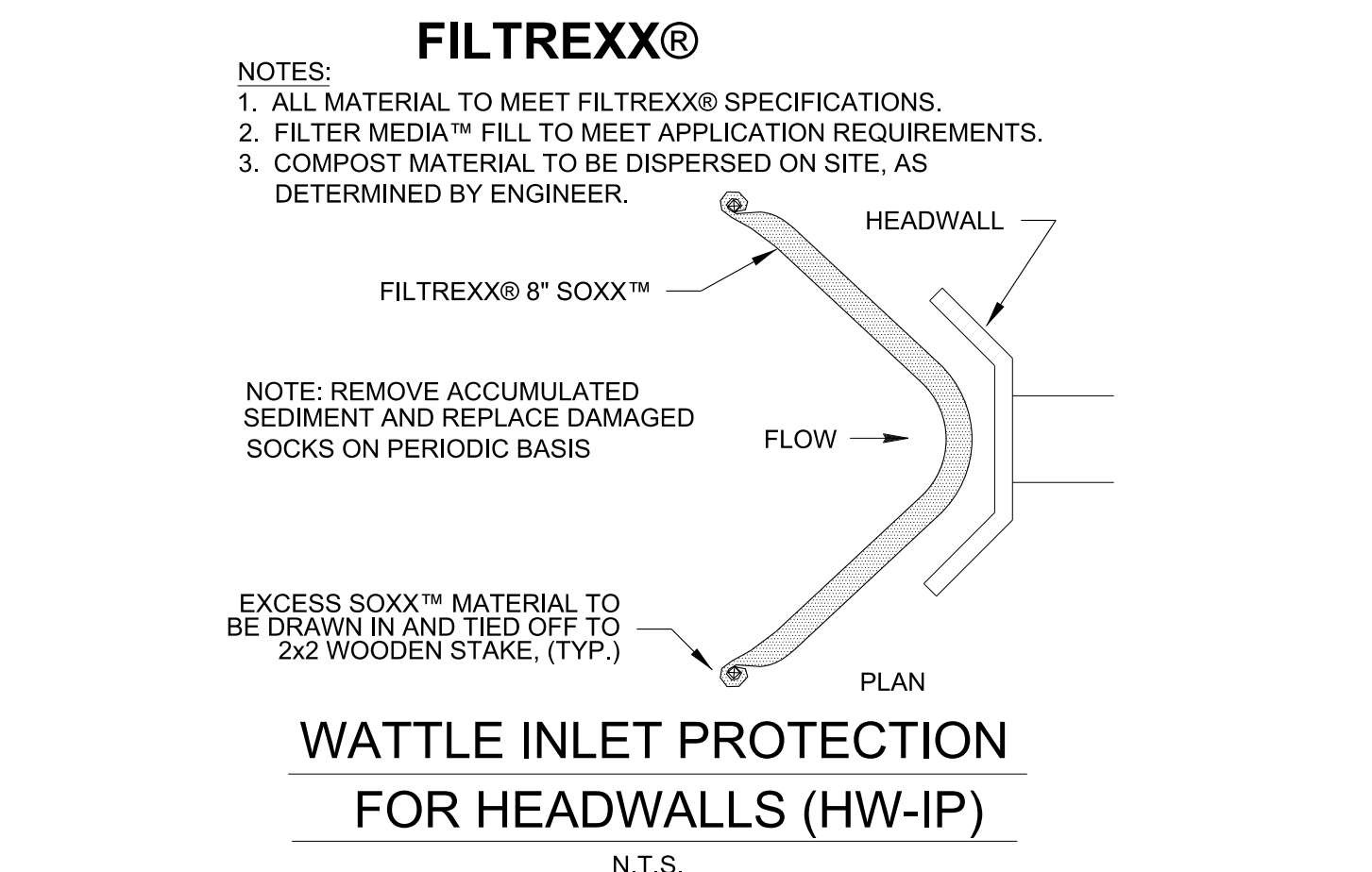
SILT SAVER - (FIP)



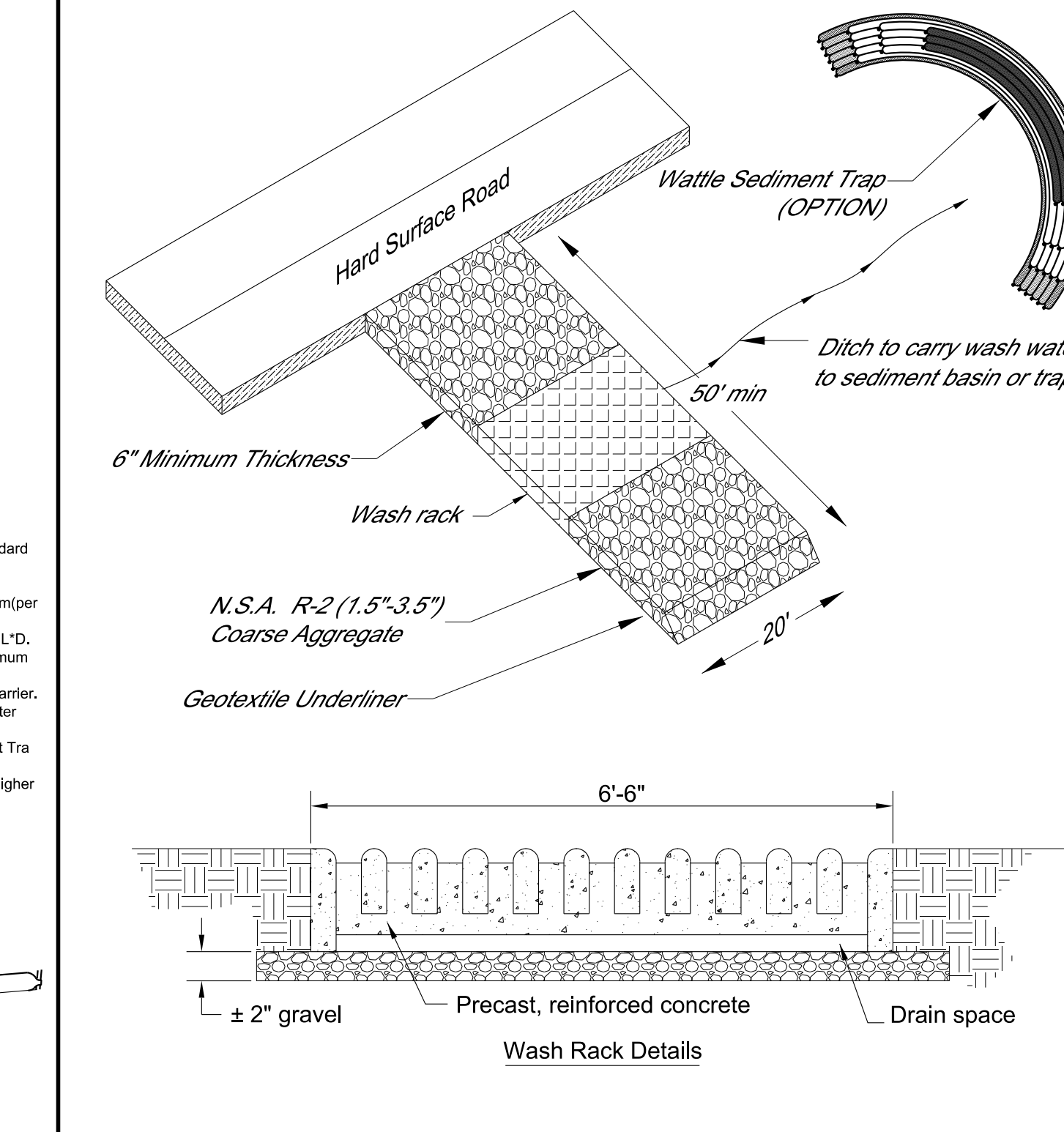
FILTREXX® WADDLE SEDIMENT TRAP (ST-W)
NTS



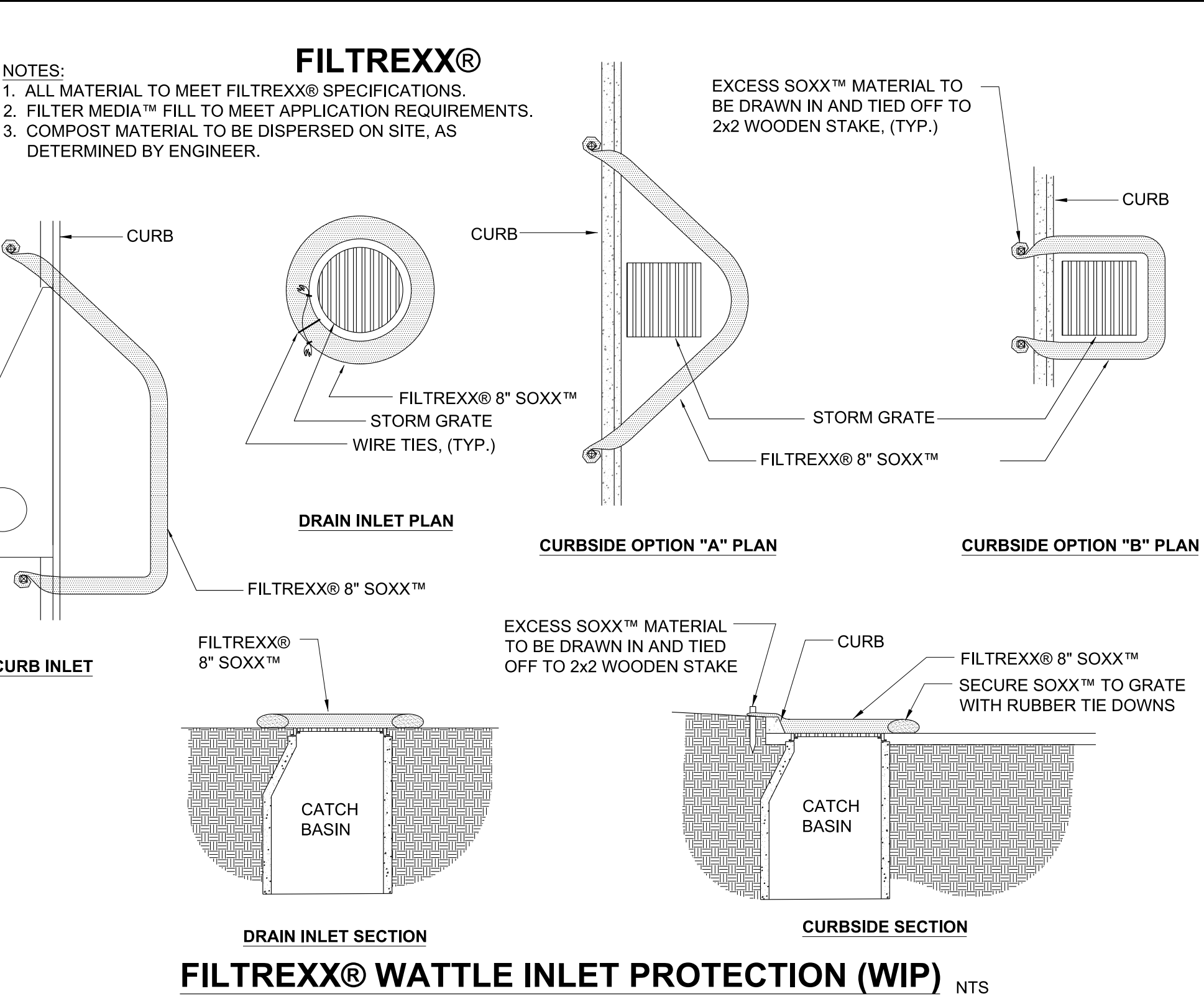
PERMANENT RIP-RAP
OUTLET PROTECTION - (OP)



WATTLE INLET PROTECTION
FOR HEADWALLS (HW-IP)
N.T.S.



CONSTRUCTION EXIT PAD - (CEP)
WITH TRUCK WASH

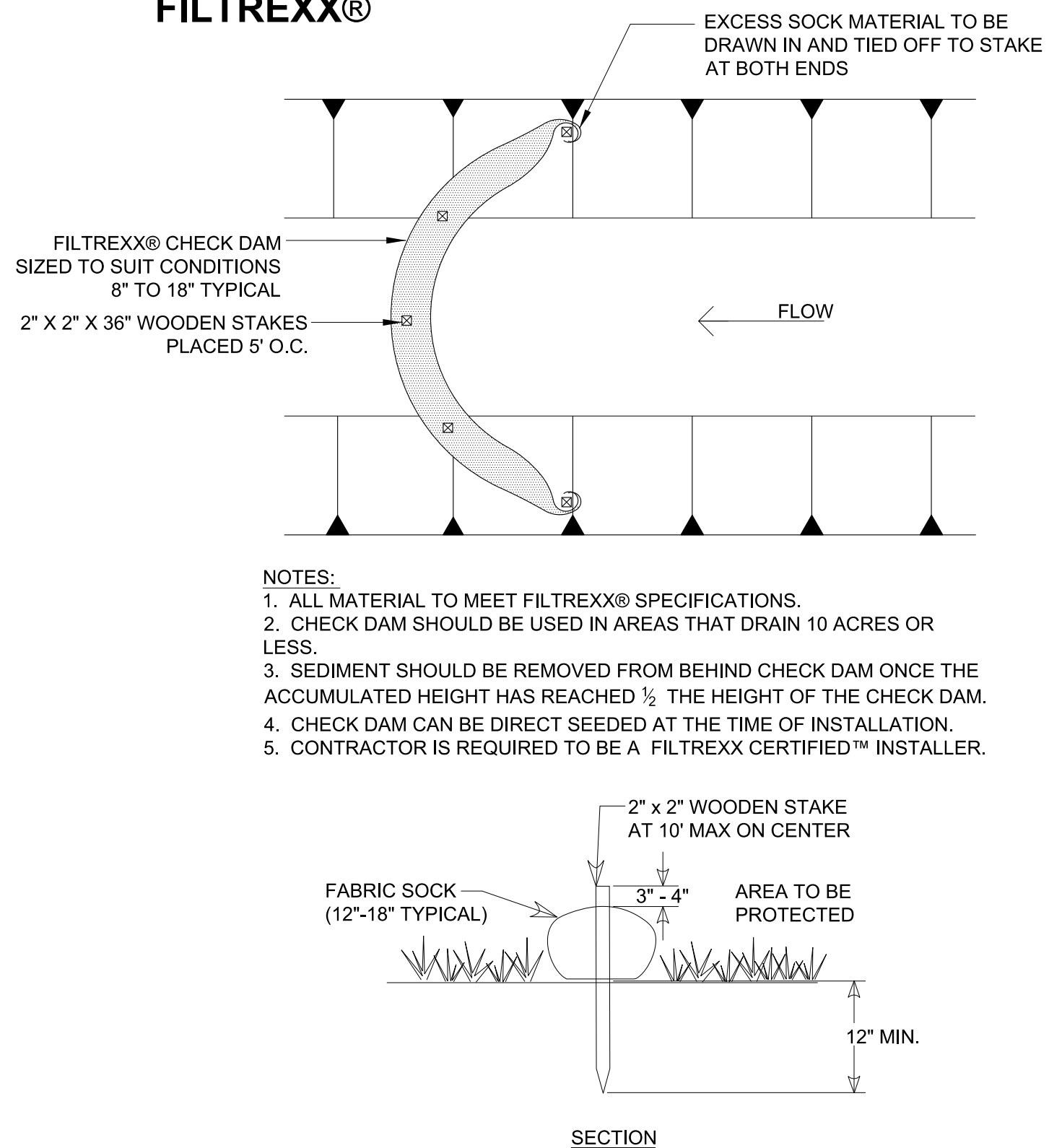


FILTREXX® WATTLE INLET PROTECTION (WIP)
NTS

Table MU-1 Mulching Materials and Application Rates

Material	Rate Per Acre and (Per 1000 ft.2)	Notes
Straw (with Seed)	1 1/2 - 2 tons (70 lbs - 90 lbs)	Spread by hand or machine; anchor when subject to blowing.
Straw Alone (no seed)	2 1/2 - 3 tons (115 lbs - 160 lbs)	Spread by hand or machine; anchor when subject to blowing.
Wood Chips	5-6 tons (225 lbs - 270 lbs)	Treat with 12 lbs. nitrogen/ton.
Bark	35 cubic yards (0.8 cubic yard)	Can apply with mulch blower.
Pine Straw	1-2 tons (45 lbs - 90 lbs)	Spread by hand or machine; will not blow like straw.
Peanut Hulls	10-20 tons (450 lbs - 900 lbs)	Will wash off slopes. Treat with 12 lbs. nitrogen/ton.

FILTREXX®



WATTLE CHECK DAM (CD-W)
NTS

Figure FS-1 Geographical Areas for Species Adaptation



Note: Site conditions related to soils and aspect in counties adjacent or close to county boundaries may justify adjustments in planting dates by qualified design professionals.

Species	Seeding Rates/Ac PLS	North	Central	South
Bahiagrass, Pensacola	40 lbs	-	Mar 1-July 1	Feb 1-Nov 1
Bermudagrass, Common	10 lbs	Apr 1-July 1	Mar 15-July 15	Mar 1-July 15
Bahiagrass, Pensacola	30 lbs 5 lbs	-	Mar 1-July 1	Mar 1-July 15
Bermudagrass, Common	-	-	-	-
Bermudagrass, Hybrid (Lawn Types)	Solid Sod	Anytime	Anytime	Anytime
Bermudagrass, Hybrid (Lawn Types)	Sprigs 1/sq ft	Mar 1-Aug 1	Mar 1-Aug 1	Feb 15-Sep 1
Fescue, Tall	40-50 lbs	Sep 1-Nov 1	Sep 1-Nov 1	-
Seriesa	40-60 lbs	Mar 15-July 15	Mar 1-July 15	Feb 15-July 15
Seriesa & Common Bermudagrass	40 lbs 10 lbs	Mar 15-July 15	Mar 1-July 15	Feb 15-July 15
Switchgrass, Alamo	4 lbs	Apr 1-Jun 15	Mar 15-Jun 15	Mar 15-Jun 15

EROSION AND SEDIMENT CONTROL NOTES:

1. THE SITE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING SUITABLE EROSION AND SEDIMENT CONTROL DEVICES ON SITE DURING CONSTRUCTION AS REQUIRED TO PREVENT SILT FROM LEAVING THE SITE. SILT WILL NOT BE ALLOWED BEYOND CONSTRUCTION LIMITS.
2. THE CONTRACTOR SHALL PREVENT THE ESCAPE OF SEDIMENT FROM THE SITE BY INSTALLING EROSION CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH LAND DISTURBING ACTIVITIES.
3. EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLANS DO NOT PROVIDE SUFFICIENT EROSION AND SEDIMENT CONTROL, ADDITIONAL CONTROL MEASURES SHALL BE IMPLEMENTED. CONTRACTOR IS RESPONSIBLE FOR REPAIRING OR REPLACING EROSION CONTROL DEVICES WHICH BECOME INEFFECTIVE.
4. ALL EROSION CONTROL MEASURES SHALL MEET THE GUIDELINES SET FORTH IN THE COUNTY AND LOCAL EROSION CONTROL GUIDELINES AS A MINIMUM.
5. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR ALL GRADING AND OTHER LAND DISTURBING ACTIVITIES.
6. THE CONTRACTOR IS RESPONSIBLE FOR THE CLEANUP AND REMOVAL OF ANY BUILDUP OF SEDIMENT WHICH ESCAPES FROM THE SITE.
7. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING SILT FROM THE SITE (IF NOT REUSABLE ON SITE) AND FOR CORRECTING HORIZONTAL AND VERTICAL ALIGNMENT OF SLOPES & DITCHES, IF NECESSARY AT THE COMPLETION OF CONSTRUCTION.
8. CONTRACTOR IS RESPONSIBLE FOR CLEANING SILT AND DEBRIS OUT OF ALL STORM DRAINAGE STRUCTURES UPON THE COMPLETION OF CONSTRUCTION.
9. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL TEMPORARY EROSION CONTROL MEASURES AFTER CONSTRUCTION IS COMPLETE AND ALL DISTURBED AREAS HAVE BEEN STABILIZED.
10. PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITY, THE LIMITS OF DISTURBANCE SHALL BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS OR OTHER APPROPRIATE MEANS. THE LOCATION AND EXTENT OF ALL AUTHORIZED LAND DISTURBANCE ACTIVITY SHALL BE DEMARCATED FOR THE DURATION OF THE CONSTRUCTION ACTIVITY. NO LAND DISTURBANCE SHALL OCCUR OUTSIDE THE APPROVED LIMITS INDICATED ON THE APPROVED PLANS.
11. FAILURE TO INSTALL, OPERATE OR MAINTAIN ALL EROSION CONTROL MEASURES MAY RESULT IN CONSTRUCTION DELAYS DUE TO REGULATORY INTERVENTION.
12. ALL EROSION AND SEDIMENTATION CONTROL DEVICES SHALL CONFORM TO THE LATEST EROSION AND SEDIMENTATION CONTROL GUIDANCE.
13. EROSION CONTROL MEASURES TO BE PLACED AT DOWNSTREAM TOE OF ALL CUT AND FILL SLOPES.
14. SOME ADDITIONAL EROSION CONTROL DEVICES MAY BE REQUIRED BY THE PROJECT ENGINEER AND/OR THE LOCAL INSPECTOR.
15. THE CONTRACTOR IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH ANY FINES LEVIED AGAINST THE SITE FOR VIOLATIONS OF EROSION CONTROL REGULATIONS.
16. SILT FENCES SHALL BE LOCATED ON SITE TO PREVENT SEDIMENT AND EROSION FROM LEAVING THE PROPERTY LIMITS.
17. OTHER THAN LAND CLEARING ACTIVITIES REQUIRED TO INSTALL THE APPROPRIATE BMP PLANS, ANY DOWNSLOPE EROSION AND SEDIMENT CONTROL MEASURES, ON-SITE STREAM CHANNEL PROTECTION AND UPSLOPE DIVERSION OF DRAINAGE REQUIRED BY THE BMP PLAN SHALL BE IN PLACE AND FUNCTIONAL BEFORE ANY CLEARING OR EARTH-MOVING OPERATIONS BEGIN. THESE MEASURES SHALL BE CONSTRUCTED TO THE CONSTRUCTION MATERIALS. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING THE MATERIALS AT THE BEGINNING OF THE WORKDAY, BUT SHALL BE REPLACED AT THE END OF THE WORKDAY.
18. CONTRACTOR TO PROVIDE TEMPORARY GROUND COVER FOR ALL AREAS WITH EXPOSED SOIL WHICH WILL NOT BE DISTURBED BY GRADING OPERATIONS FOR A PERIOD OF 13 DAYS OR MORE.
19. ADEQUATE PROTECTIVE MEASURES SHALL BE PROVIDED FOR THE CONTAINMENT OF HAZARDOUS SUBSTANCES AND ANY OTHER MATERIALS WHICH MAY POLLUTE. THESE MAY INCLUDE, BUT ARE NOT LIMITED TO, PETROLEUM PRODUCTS, LUBRICANTS AND PAINTS. MATERIALS SHALL BE STORED IN ACCORDANCE WITH SPECIFIC REGULATIONS. THESE SUBSTANCES SHALL BE STORED AWAY FROM ALL STORM DRAINS, DITCHES AND GUTTERS IN WATER TIGHT CONTAINERS. DISPOSAL OF THESE MATERIALS SHALL BE IN ACCORDANCE WITH ADEM REGULATIONS. CONTRACTOR SHALL PROVIDE ADEQUATE TRASH CONTAINERS ON SITE FOR DISPOSITION OF CONSTRUCTION MATERIALS. CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING SITE TRASH FROM ENTERING THE STORM DRAINAGE SYSTEM.
20. ALL CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED QCP OR QCI, AND REPAIRED AS NECESSARY, MONTHLY IN DRY PERIODS AND WITHIN TWENTY-FOUR (24) HOURS AFTER ANY 0.75 INCH RAINFALL AT THE SITE WITHIN A TWENTY-FOUR (24) HOUR PERIOD. THE PERMITTEE SHALL MAINTAIN WRITTEN RECORDS OF SUCH CHECKS AND REPAIRS. THESE RECORDS SHALL BE SUBJECT TO THE INSPECTION OF THE STORM WATER MANAGEMENT AUTHORITY AT ANY REASONABLE TIME. THE CONTRACTOR IS RESPONSIBLE TO CONDUCT HIS OWN DAILY INSPECTIONS OF THE BMPs AND MAKE ANY REPAIRS NEEDED.
21. THE OWNER SHALL OBTAIN ALL NECESSARY LAND DISTURBANCE PERMITS FOR THIS PROJECT AND PROVIDE REQUIRED MONITORING AND TESTING. CONTRACTOR SHALL COOPERATE FULLY WITH OWNER'S CONSULTANT TO INSURE ALL REQUIREMENTS OF THE NPDES PERMIT ARE MET.
22. SLOPE STABILIZATION MAT SHALL BE USED IF REQUIRED BY FIELD CONDITIONS, GEOTECHNICAL/ENGINEER OR BY REGULATORY AGENCIES. MAT SHALL BE PLACED NORTH AMERICAN GREEN C125BN, OR APPROVED EQUAL ON ALL SLOPES STEEPER THAN 3:1 AND NORTH AMERICAN GREEN S150 BN, OR APPROVED EQUAL ON 3:1 SLOPES.
23. CONTRACTOR SHALL COMPLY WITH ALL JEFFERSON COUNTY EROSION CONTROL REQUIREMENTS.

08-05-2024

ALABAMA
REGISTERED
PROFESSIONAL
ENGINEER
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SHELBY COUNTY HIGHWAY 68
ALABASTER, AL

EROSION CONTROL
DETAILS

HIGH RIDGE VILLAGE
PHASE 9

DRAWN BY: RDT
CHECKED BY: WHL
PROJECT No.: DRH00062
CAD FILE: C6.1 - Plot EC Details.dgn
DATE: 08/05/2024
SHEET No.

C6.1

