McGiffert and Associates, LLC
Since 1949
CIVIL ENGINEERS

ADDENDUM NO. 2

Date: June 15, 2015

Project: City of Tuscaloosa
Rosewood Sanitary Sewer Improvements Project – Phase II
Project No. A12-1617

Bid Date: Tuesday, June 16, 2015
10:00 a.m. local time
Narashino Room of City Hall

The following changes, additions, clarifications, and/or deletions are hereby made part of the Contract Documents for the project referenced above as fully and completely as if the same were set forth fully therein:

1. **For Revision:**
   Construction Plan Sheet C3.0 has been revised to include a detail for the construction exit pad.

Attachments:

- Construction Plan Sheet C3.0

THIS ADDENDUM CONSISTS OF TWO (2) TYPEWRITTEN PAGES AND ONE (1) ATTACHMENTS CONSISTING OF ONE (1) PAGE, FOR A TOTAL OF THREE (3) PAGES.

END OF ADDENDUM NO. 2

RECEIPT OF ADDENDUM NO. 2

Project: City of Tuscaloosa
Rosewood Sanitary Sewer Improvements Project – Phase II
Project No. A12-1617

The following hereby acknowledges receipt of Addendum No. 2, dated June 15, 2015.

Complete the following and return by fax to (205) 759-1524 or scan and email to dmarcum@mcgiffert.com.

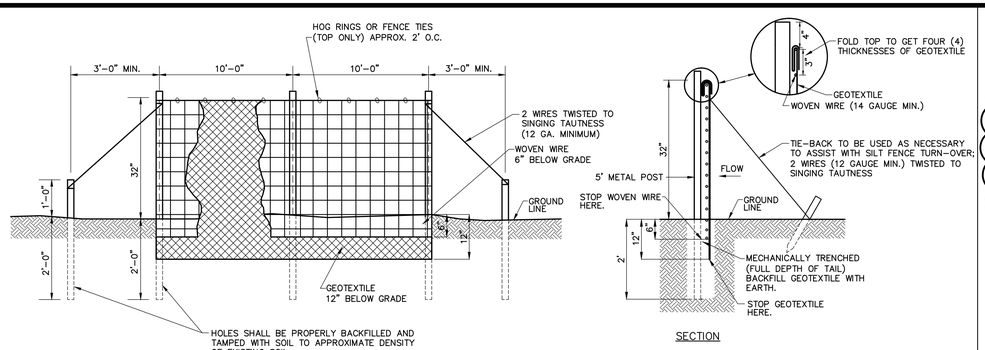
We are in receipt of Addendum No. 2 and fully understand the contents and our bid on the above referenced project submitted reflects the intent of this Addendum.

_____
Contractor Name

*By: _____

Date:_____

* *Signature must be by person legally qualified to sign bid.*



TYPE "A" SILT FENCE DETAIL

N.T.S.

GENERAL NOTES:

1. SILT FENCES ARE TEMPORARY EROSION CONTROL ITEMS THAT SHALL BE ERECTED OPPOSITE ERODABLE AREAS SUCH AS NEWLY GRADED FILL SLOPES AND ADJACENT TO STREAMS, CHANNELS, STREETS, CURBS, ETC.
2. SILT FENCE SHOULD BE PLACED WELL INSIDE CLEARING LIMITS. THIS WILL ALLOW ROOM FOR A BACK-UP FENCE IF FIRST BECOMES FULL. SILT FENCES SHALL BE IN PLACE PRIOR TO ANY CONSTRUCTION OPERATION.
3. WHEREVER POSSIBLE, SILT FENCES SHALL BE CONSTRUCTED ACROSS A FLAT AREA IN THE SHAPE OF A HORSESHOE. THIS AIDS IN PONDING OF RUNOFF AND FACILITATES SEDIMENTATION.
4. SILT FENCE SHALL BE FASTENED TO UPSTREAM SIDE OF POST & WIRE BY HOG RINGS OR FENCE TIES. (17 GAUGE MIN.)
5. REMOVE SEDIMENT DEPOSITS WHEN THEY REACH A DEPTH OF 15" OR 1/2 THE HEIGHT OF THE FENCE AS INSTALLED TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN EVENT AND TO REDUCE PRESSURE ON THE FENCE
6. SHOULD THE SILT FENCE BECOME DAMAGED OR OTHERWISE INEFFECTIVE WHILE THE BARRIER IS STILL NECESSARY, IT SHALL BE REPAIRED PROMPTLY WITH A NEW SECTION OF FILTER OVERLAPPING A MINIMUM OF 12 INCHES ON EACH SIDE OF A BREAK.
7. AFTER THE CONSTRUCTION AREA IS STABILIZED AND EROSION ACTIVITY CURTAILED, SILT FENCES SHALL BE REMOVED.

INLET PROTECTION CONSTRUCTION STAGES NOTES:

1. INLET PROTECTION

a.) INLET PROTECTION SHALL BE INSTALLED AT LOCATIONS AND IN ACCORDANCE WITH REQUIREMENTS SHOWN ON THE PLANS FOR THE APPROPRIATE STAGES OF CONSTRUCTION OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE. APPROVED MANUFACTURED PRODUCTS SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS. SITE CONSTRUCTED PROTECTION MAY INCLUDE WATTLE, SILT FENCE, OR OTHER PRACTICES NECESSARY OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.

b.) STAGE 1 INLET PROTECTION SHALL BE INSTALLED AFTER THE OUTFLOW DRAINAGE HAS BEEN INSTALLED AND PRIOR TO THE CONSTRUCTION OF THE INLET.

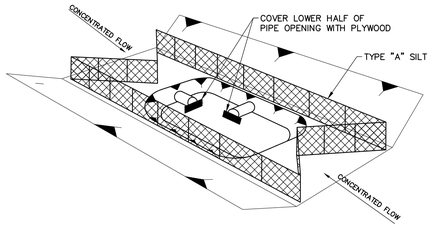
c.) STAGE 2 INLET PROTECTION SHALL BE INSTALLED AFTER THE INLET IS CONSTRUCTED AND PRIOR TO BACKFILLING.

d.) STAGE 3 INLET PROTECTION SHALL BE INSTALLED AFTER THE BACKFILLING IS COMPLETED AROUND THE INLET STRUCTURE.

e.) STAGE 4 PROTECTION IS REQUIRED AFTER INLETS ARE COMPLETE BUT PRIOR TO FINAL STABILIZATION OF THE AREA SURROUNDING THE INLET. STAGE 4 INLET PROTECTION FOR DROP INLETS SHALL BE IN ACCORDANCE WITH REQUIREMENTS AND DETAILS SHOWN ON THE PLANS. ACCEPTABLE PROTECTION MAY BE CONSTRUCTED WITH MANUFACTURED INLET DEVICES, OR WATTLES.

f.) ALL INLET PROTECTION INSTALLATIONS SHALL BE CONSTRUCTED TO ENSURE THAT RUNOFF DOES NOT BYPASS THE INLET.

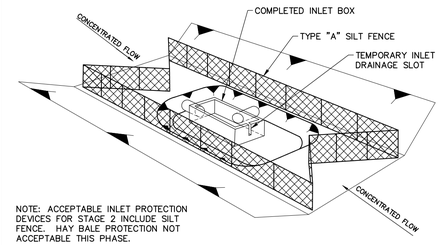
2. INLET CONSTRUCTION SHOULD COMMENCE AS SOON AS POSSIBLE AND BE CONTINUOUS THROUGH COMPLETION OF THE PROJECT.
3. CONFIGURATIONS MAY BE ADJUSTED BECAUSE OF WATER FLOW, SOIL, OR INSTALLATION CHALLENGES, WITH APPROVAL OF THE OWNER'S REPRESENTATIVE.
4. DURING STAGE 1 AND STAGE 2, SILT FENCE MAY BE REQUIRED UPSLOPE OF THE INLET EXCAVATION AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
5. IF SILT FENCING IS INSTALLED AROUND THE INLET EXCAVATION, IT SHOULD BE PLACED IN A CONFIGURATION THAT WILL ALLOW INLET CONSTRUCTION.
6. PAYMENT FOR ITEMS USED TO CONSTRUCT STAGE 1, STAGE 2, STAGE 3, AND STAGE 4 INLET PROTECTIONS WILL BE MEASURED FOR PAYMENT APPROPRIATELY AS PER UNIT PRICE BID SCHEDULE, I.E., SILT FENCE, WATTLES, ETC. PAYMENT SHALL INCLUDE ALL MAINTENANCE, REPLACEMENT, REPAIR, ETC.



INLET BOX LOCATION EXCAVATED

N.T.S.

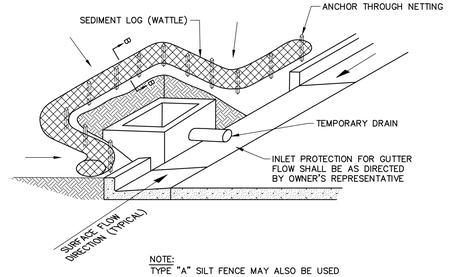
STAGE 1



NOTE: ACCEPTABLE INLET PROTECTION DEVICES FOR STAGE 2 INCLUDE SILT FENCE. HAY BALE PROTECTION NOT ACCEPTABLE THIS PHASE.

INLET BOX CONSTRUCTED BUT NOT BACKFILLED

N.T.S.



NOTE:
TYPE "A" SILT FENCE MAY ALSO BE USED FOR THIS APPLICATION.
HAY BALES NOT ACCEPTABLE DURING THIS STAGE.

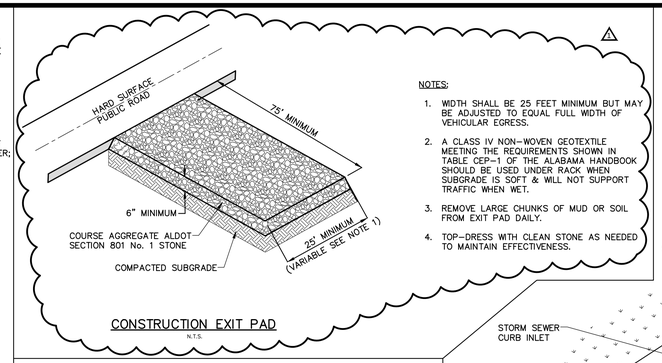
CURB INLET PROTECTION

N.T.S.

STAGE 1 AND 2 NOTES:

1. ACCEPTABLE INLET PROTECTION DEVICES FOR STAGE 2 INCLUDE SILT FENCE. HAY BALE PROTECTION IS NOT ACCEPTABLE FOR THIS PHASE.
2. REMOVE SEDIMENT DEPOSITS WHEN THEY REACH A DEPTH OF 15" OR 1/2 THE HEIGHT OF THE FENCE AS INSTALLED TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN EVENT AND TO REDUCE PRESSURE ON THE FENCE
3. SHOULD THE SILT FENCE BECOME DAMAGED OR OTHERWISE INEFFECTIVE WHILE THE INLET PROTECTION IS STILL NECESSARY, IT SHALL BE REPAIRED PROMPTLY WITH A NEW SECTION OF FILTER OVERLAPPING A MINIMUM OF 12 INCHES ON EACH SIDE OF A BREAK.

STAGE 2

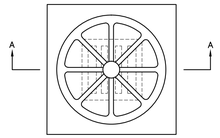


CONSTRUCTION EXIT PAD

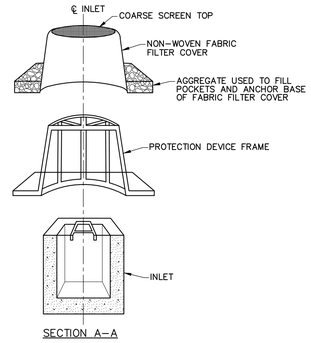
N.T.S.

NOTES:

1. WIDTH SHALL BE 25 FEET MINIMUM BUT MAY BE ADJUSTED TO EQUAL FULL WIDTH OF VEHICULAR EGRESS.
2. A CLASS IV NON-WOVEN GEOTEXTILE MEETING THE REQUIREMENTS SHOWN IN TABLE CEP-1 OF THE ALABAMA HANDBOOK SHOULD BE USED UNDER RACK WHEN SUBGRADE IS SOFT & WILL NOT SUPPORT TRAFFIC WHEN WET.
3. REMOVE LARGE CHUNKS OF MUD OR SOIL FROM EXIT PAD DAILY.
4. TOP-DRESS WITH CLEAN STONE AS NEEDED TO MAINTAIN EFFECTIVENESS.



PLAN



SECTION A-A

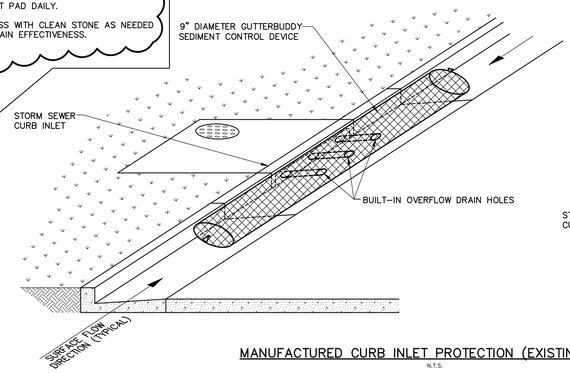
MANUFACTURED DEVICE INLET PROTECTION DETAILS

N.T.S.

STAGE 3 NOTES:

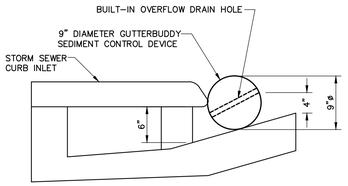
1. FRAMES WITH EITHER SQUARE OR CIRCULAR BASES MAY BE USED. SELECTED FRAME BASE SHOULD PROVIDE BEST SEAL AROUND INLET AS DIRECTED BY OWNER'S REPRESENTATIVE.
2. FILL POCKETS AROUND BASE OF FILTER COVER WITH ALDOT #57 STONE OR SOIL. STONE IS REQUIRED WHEN ANCHORING THE MANUFACTURED INLET PROTECTION DEVICE OVER PAVED DITCH OR FLUME.
3. USE ONLY DURING STAGE 3 AND 4 INLET CONSTRUCTION.
4. REMOVE SEDIMENT FROM AROUND THE MANUFACTURED INLET PROTECTION DEVICE WHEN SEDIMENT HAS REACHED 1/2 THE FABRIC HEIGHT TAKING CARE NOT TO DAMAGE THE FABRIC DURING SEDIMENT REMOVAL.
5. REPLACE FABRIC WHEN DAMAGED OR BECOMES CLOGGED WITH SEDIMENT AND DOES NOT DRAIN PROPERLY.

STAGE 3



NOTES:

1. INLET PROTECTION SHALL BE 9" DIAMETER GUTTERBUDDY ~~SEDIMENT~~ CONTROL DEVICE OR APPROVED EQUAL.
2. CONTROL DEVICE SHALL COVER THE INLET TWELVE (12) INCHES BEYOND INLET ON BOTH ENDS.
3. THE GUTTERBUDDY SHOULD BE CLEANED IF A VISUAL INSPECTION SHOWS SILT AND DEBRIS BUILD UP AROUND THE GUTTERBUDDY.
4. PONDING IS LIKELY IF SEDIMENT IS NOT REMOVED REGULARLY. INSPECTION OF GUTTERBUDDY SHOULD BE ON A REGULAR BASIS AND IMMEDIATELY AFTER MAJOR RAIN EVENTS.
5. BUILT-IN OVERFLOW DRAIN HOLES SHALL BE PLACED 4" ABOVE EDGE OF CURB SO THAT OVERFLOW WATER WILL DRAIN DURING EXTREME EVENTS.



MANUFACTURED CURB INLET PROTECTION (EXISTING INLET)

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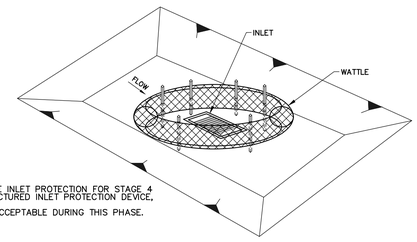
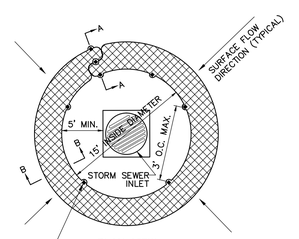


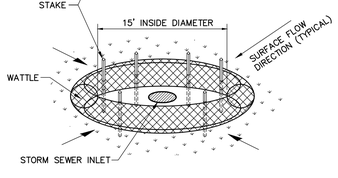
NOTE: ACCEPTABLE INLET PROTECTION FOR STAGE 4 INCLUDES MANUFACTURED INLET PROTECTION DEVICE, OR WATTLE.
HAY BALES NOT ACCEPTABLE DURING THIS PHASE.

INLET CONSTRUCTED & BACKFILLED WITH FINAL GRADING OPERATIONS COMPLETED OR IN PROGRESS

N.T.S.

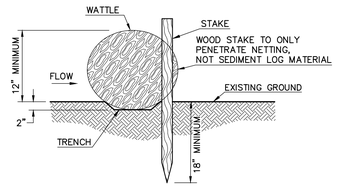


PLAN VIEW



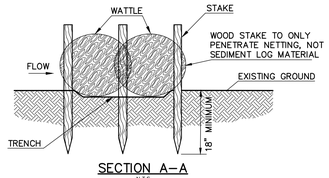
GRATE INLET/YARD INLET PROTECTION

N.T.S.



WATTLE INSTALLATION DETAIL (SECTION B-B)

N.T.S.



SECTION A-A

N.T.S.

STAGE 4 NOTES:

1. ANCHORING STAKES SHALL BE SIZED, SPACED, AND BE A MATERIAL THAT EFFECTIVELY SECURES THE WATTLE. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET.
2. OVERLAP ENDS OF WATTLES PER MANUFACTURERS RECOMMENDATIONS (1' MIN., 3' MAX.)
3. TRENCHING OF WATTLES SHALL BE REQUIRED TO AVOID PIPING.
4. SEDIMENT DEPOSITS MUST BE REMOVED AND STABILIZED WHEN THEY REACH A DEPTH OF 1/2 THE HEIGHT OF THE WATTLE TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN EVENT.
5. WORN, DAMAGED, OR ROTTEN WATTLES MUST BE REPLACED.

STAGE 4

McGiffert and Associates, LLC
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TUSCALOOSA, ALABAMA 35402-0559
WWW.MCGIFFERT.COM (205)759-1521 FAX (205)759-1524

REVISION

DATE	DESCRIPTION	BY
⚠1 6/12/15	ADDED CONSTRUCTION EXIT PAD	K S M

CITY OF TUSCALOOSA
ROSEWOOD SANITARY SEWER IMPROVEMENTS PROJECT PHASE TWO
CONSTRUCTION DETAILS

FILE NAME: COT-ROSEWOODSEWER2-DET		SCALE: Not To Scale	DWG. No. 531-12
DATE OF FIELD SURVEY: 11-7-12	FIELD BOOK:	DRAWN BY: M A S	SHEET No. C3.0
JOB No. 12-3150	PAGE:	CHECKED BY: J L D	