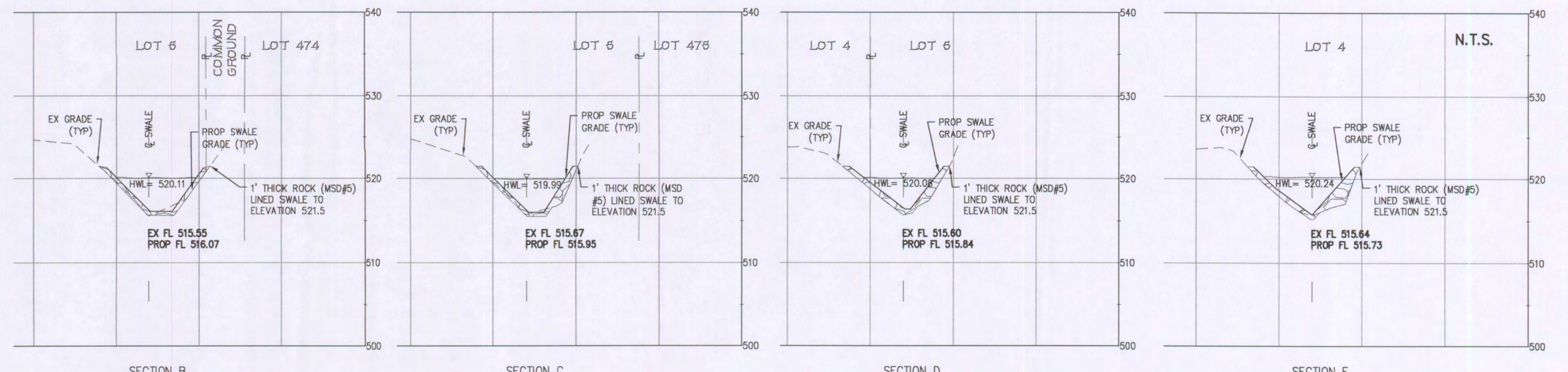
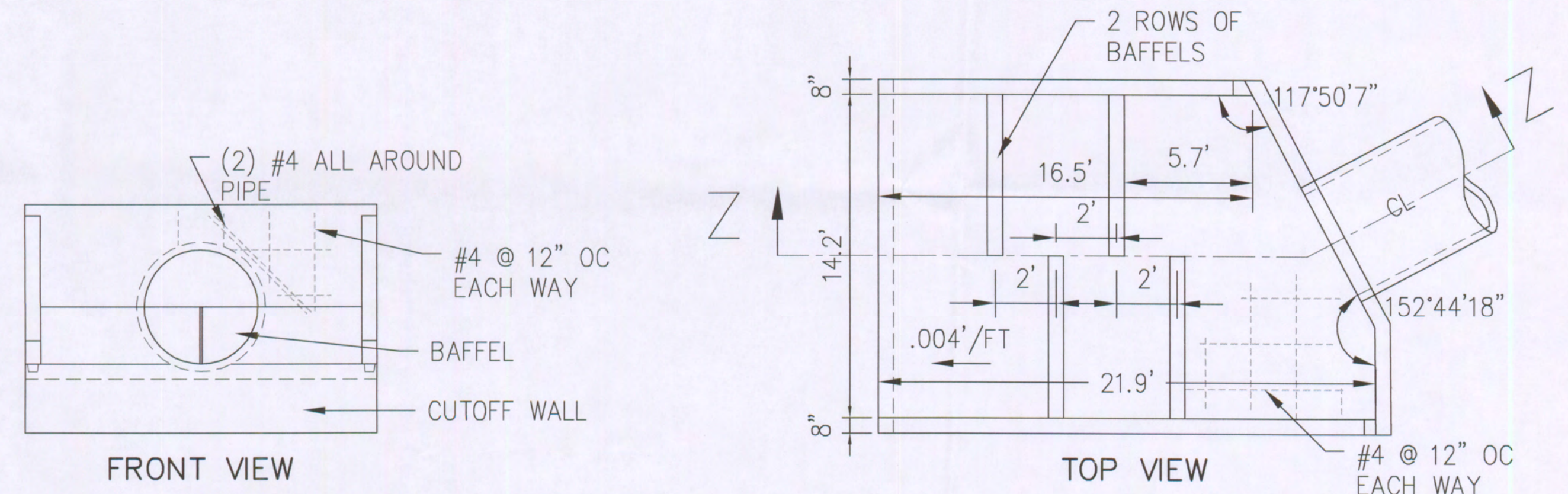
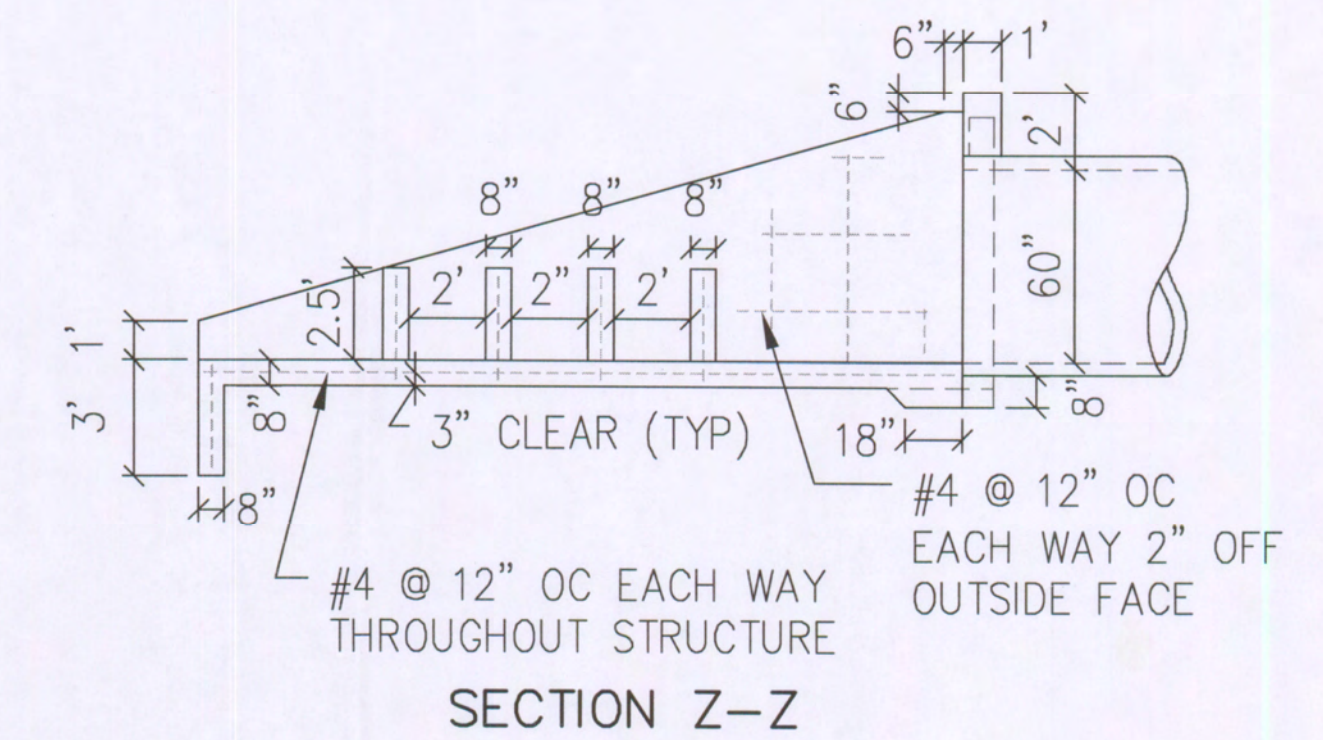
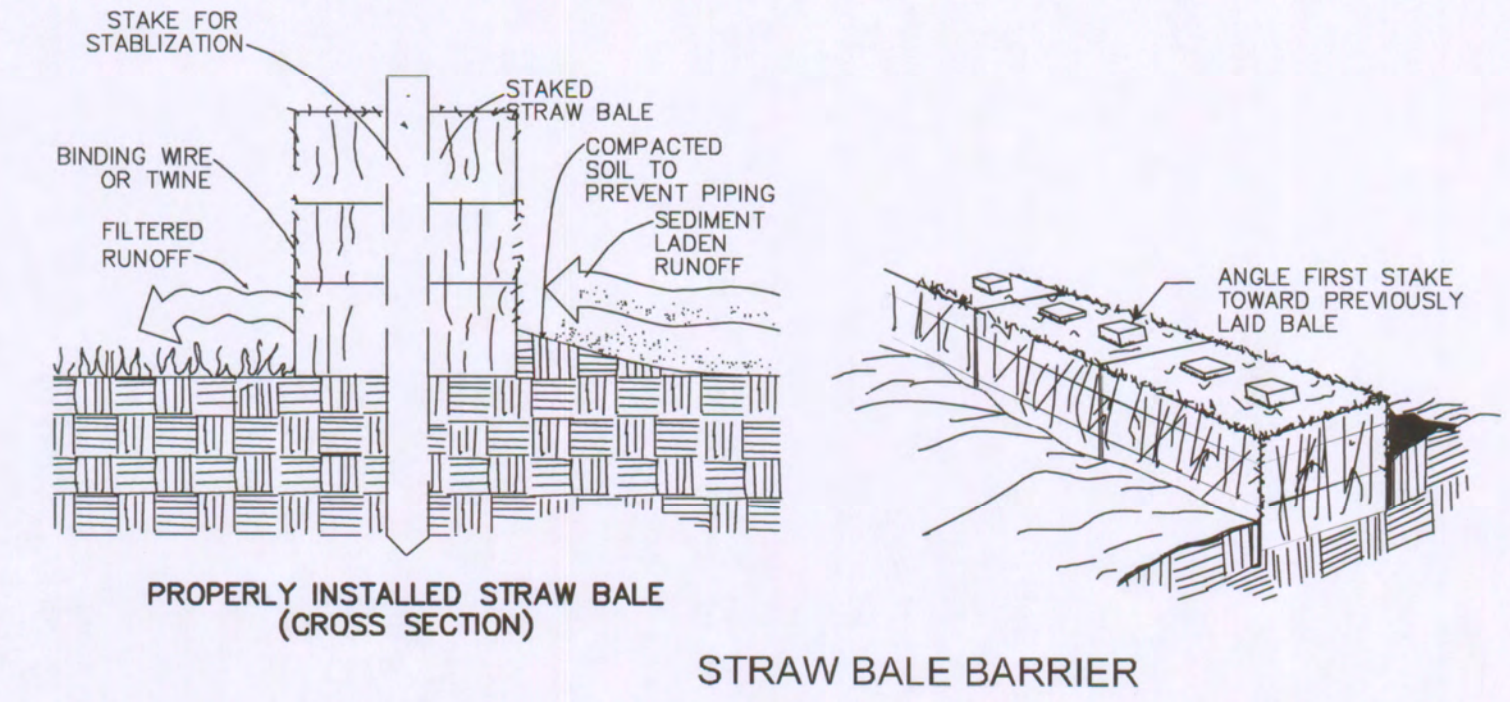


SILTATION CONTROL NOTES

- SILTATION CONTROL GENERAL NOTES**
- INSTALLATION OF ALL SEDIMENT CONTROL SHALL BE IMPLEMENTED AS THE FIRST STEP OF THE PROJECT PRIOR TO ANY GRADING OR DEMOLITION ON THE SITE.
 - INSPECTION OF SILTATION CONTROL DEVICES SHALL TAKE PLACE ONCE EVERY SEVEN DAYS AND WITHIN 24 HOURS OF ANY 0.25"/24 HOUR RAIN EVENT. ANY SILTATION CONTROL IN NEED OF REPAIR SHALL OCCUR IMMEDIATELY.
 - ALL SILTATION CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL UPSLOPE AREAS HAVE BEEN PERMANENTLY STABILIZED.
- MAINTENANCE:**
- SILT FENCE BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.
 - CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED FENCE, END RUNS AND UNDERCUTTING BENEATH FENCE.
 - NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF SILT FENCE SHALL BE ACCOMPLISHED PROMPTLY.
 - SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL AND STOCKPILED FOR TOP SOIL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER OR 12", WHICHEVER IS LESS.
- STRAW BALE SPECIFICATIONS:**
- CONTRACTOR SHALL USE STAKED STRAW BALES SUPPORTED BY METAL TEE POST WITH SPADE BASE, 2 PER BALE.



SECTION B										SECTION C										SECTION D										SECTION E									
HYDRAULIC RESULTS					HYDRAULIC RESULTS					HYDRAULIC RESULTS					HYDRAULIC RESULTS					HYDRAULIC RESULTS					HYDRAULIC RESULTS					HYDRAULIC RESULTS									
Discharge (cfs)	Peak Flow (cfs)	Velocity (ft/s)	Area (sq ft)	Hydraulic Radius (ft)	Normal Depth (ft)	Channel Slope	Design Frequency	Reach	Structure	Notes	Discharge (cfs)	Peak Flow (cfs)	Velocity (ft/s)	Area (sq ft)	Hydraulic Radius (ft)	Normal Depth (ft)	Channel Slope	Design Frequency	Reach	Structure	Notes	Discharge (cfs)	Peak Flow (cfs)	Velocity (ft/s)	Area (sq ft)	Hydraulic Radius (ft)	Normal Depth (ft)	Channel Slope	Design Frequency	Reach	Structure	Notes							
24.4	3.5	5.14	41.85	2.10	3.80	0.004	0.1	126	126	STABLE	24.4	3.5	5.21	41.14	2.10	4.34	0.004	0.1	126	126	STABLE	24.4	3.5	5.36	42.6	2.05	4.24	0.004	0.1	126	126	STABLE							

REVISIONS

NO.	DATE	DESC.

PREPARED FOR: GLENN E BORGARD, P.E.
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THE PROFESSIONAL ENGINEER'S SEAL AND SIGNATURE ARE REQUIRED FOR ALL PLANS AND SPECIFICATIONS. THE PROFESSIONAL ENGINEER ASSUMES RESPONSIBILITY FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT. ANY REVISIONS TO THIS PLAN SHALL BE MADE BY THE PROFESSIONAL ENGINEER. PURSUANT TO SECTION 327, 411, RSMO, ANY RESPONSIBILITY FOR ALL OTHER PLANS SHALL BE THE RESPONSIBILITY OF THE USER.

SEAL

AVONDALE HEIGHTS
SWALE STABILIZATION
O'FALLON, MISSOURI

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Cole and ASSOCIATES
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DESIGNED BY: JB
DRAWN BY: JB
CHECKED BY: MGB/GB
DATE: 10/17/2007
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Job Number: 07-196
Sheet Number: C2.0

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DATE: Oct 17, 2007 - 9:05am
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