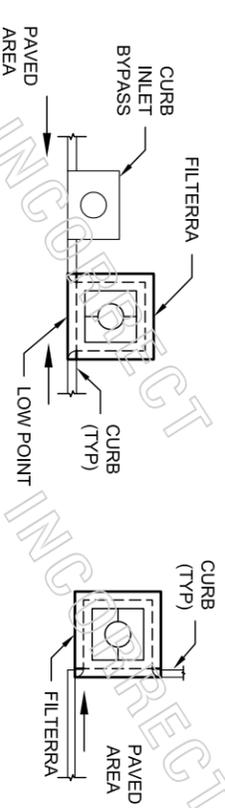


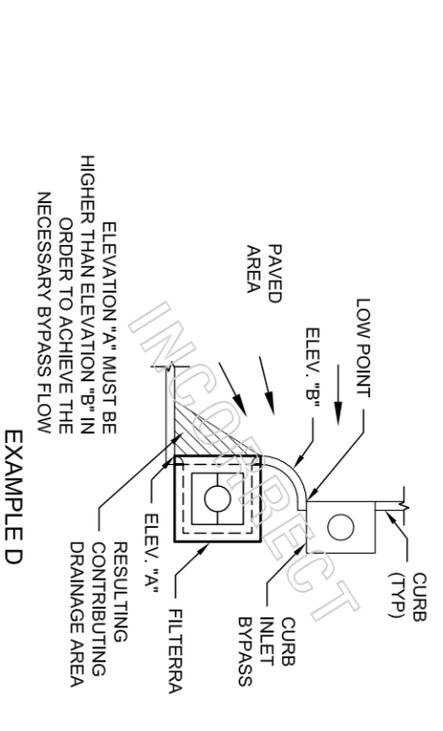
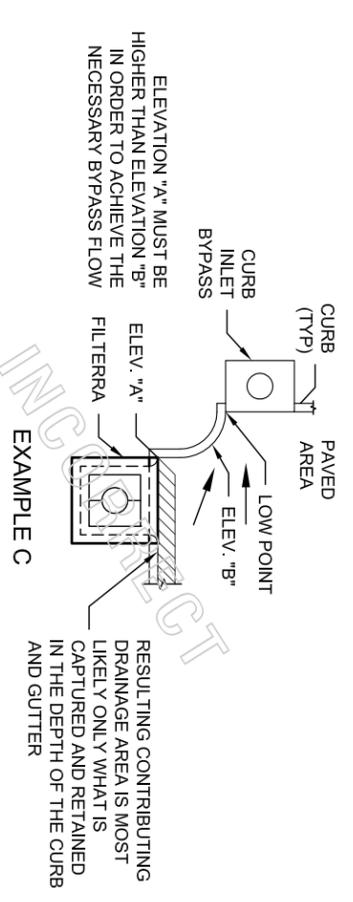
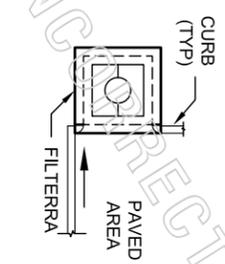
DESIGN NOTES

1. GRADING OF CURB AND GUTTER SHOULD BE SET SO THAT GUTTER FLOW APPROACHES THE FILTERRA FROM ONE SIDE OF THE THROAT AND FLOWS AWAY FROM THE FILTERRA ON THE OPPOSITE SIDE DURING EXTREME STORM EVENTS.
2. DESIGN OR INSTALLATION THAT CAUSES THE GUTTER FLOW TO APPROACH FROM BOTH SIDES OF THE FILTERRA WILL RESULT IN SITE MAINTENANCE ISSUES AND VOID THE MANUFACTURER'S MAINTENANCE PROGRAM. EXAMPLE A.
3. WHEN FLOW FROM AN ADJACENT CURB HITS THE FILTERRA "HEAD ON" IT CAN CAUSE SYSTEM DAMAGE (MEDIA EROSION OR SUSPENSION), EVEN IF BYPASS IS PROVIDED THIS IS A SERIOUS SITUATION. EXAMPLE B.
4. GUTTER FLOW SHOULD APPROACH THE FILTERRA THROAT SO THAT WATER FLOWS IN A LINEAR PATTERN IN FRONT OF THE THROAT DURING EXTREME STORM EVENTS. EXCESS WATER SHOULD CONTINUE TO FLOW IN FRONT OF THE FILTERRA TO A BYPASS INLET OR OTHER RELIEF.

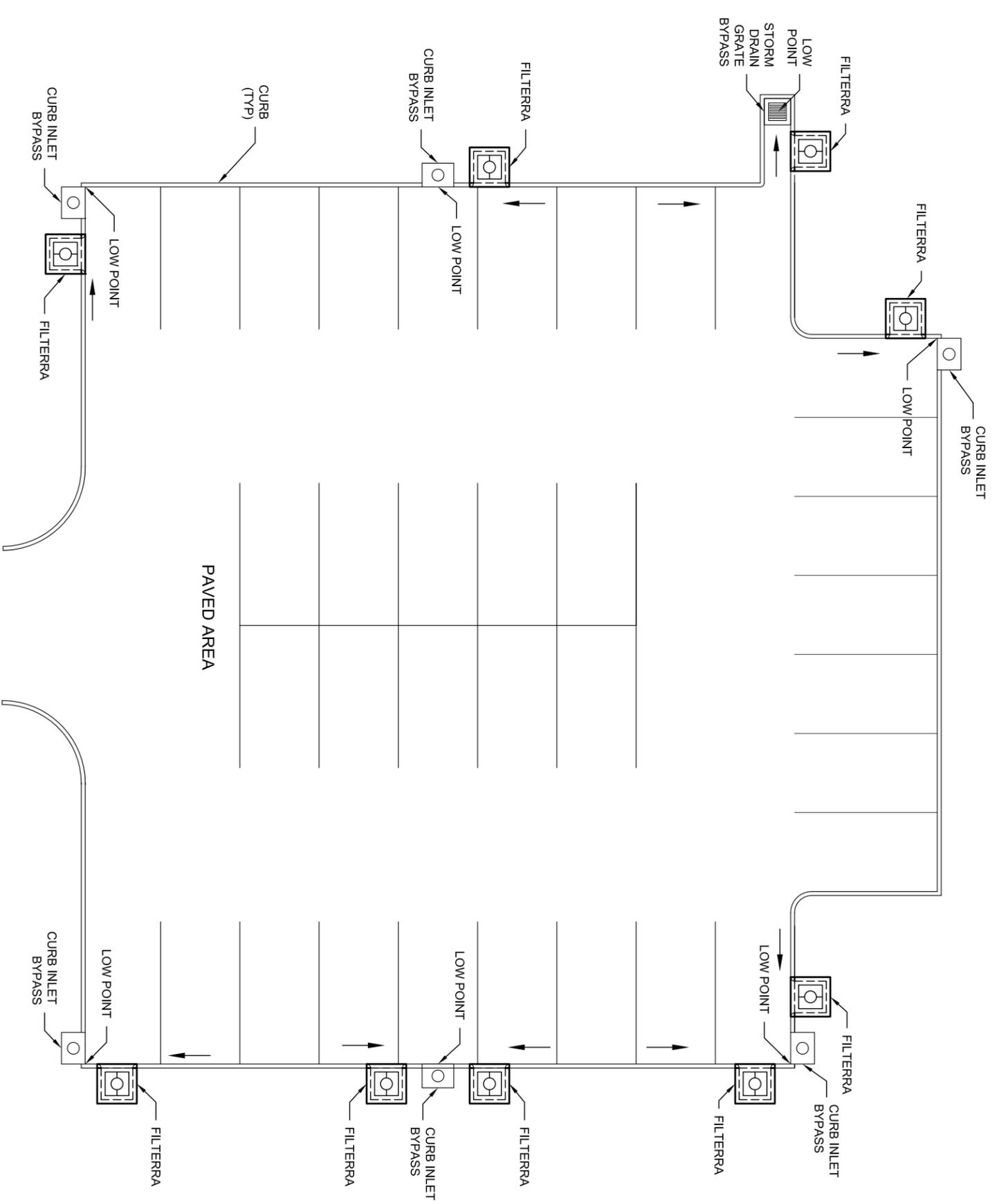


PROBLEM: FLOW FROM ADJACENT GUTTER HITS FILTERRA HEAD ON.

EXAMPLE B



CORRECT FLOW SOLUTIONS



- NOTES:
- ARROWS INDICATE DIRECTION OF FLOW.
 - PARKING LOT SHOWN IS TO ILLUSTRATE FILTERRA LAYOUT OPTIONS ONLY.



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GRADING AND GUTTER FLOW SOLUTIONS
STANDARD DETAIL

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