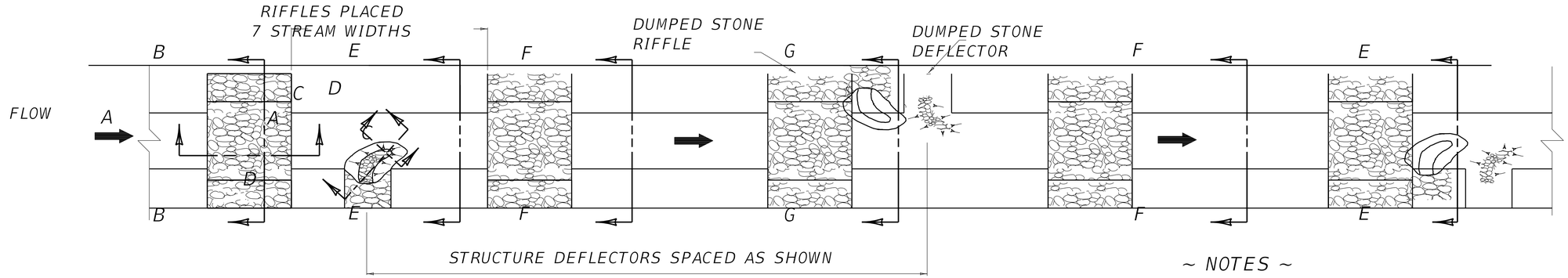
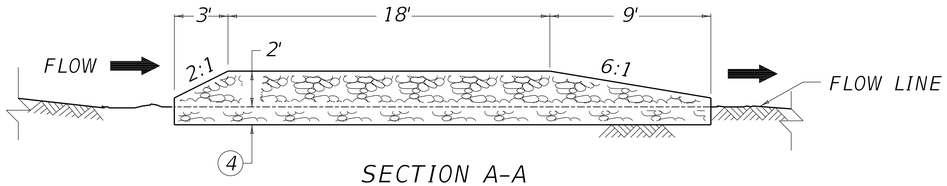
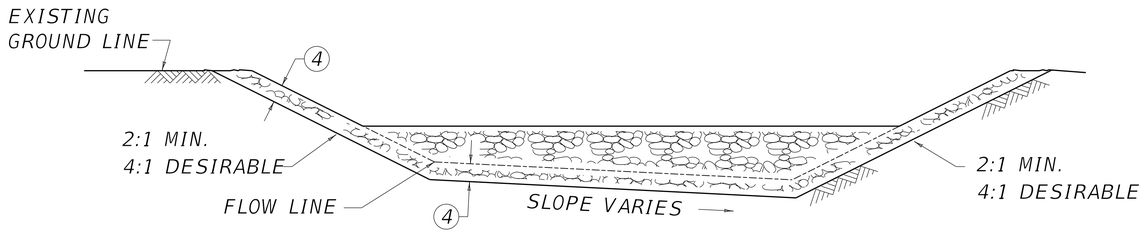


PLAN VIEW



SECTION A-A



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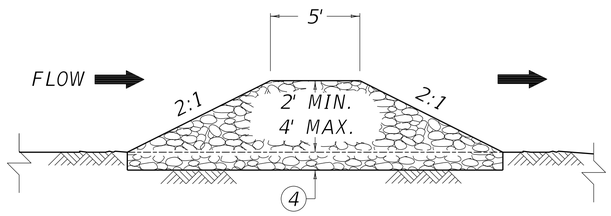

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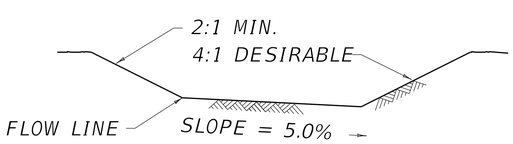
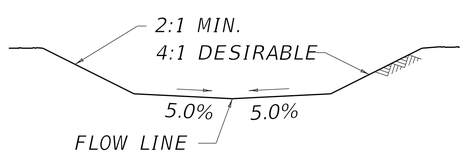
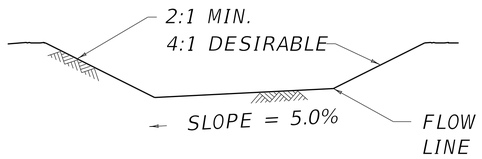


SECTION E-E



SECTION F-F



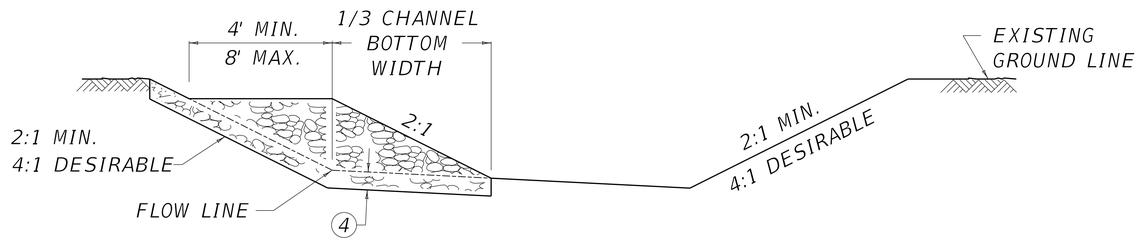
SECTION G-G

~ NOTES ~

BID ITEMS AND UNIT TO BID

DEFLECTOR-DUMPED STONE	EACH
RIFFLE STRUCTURE-DUMPED STONE	EACH

1. DUMPED STONE DEFLECTORS AND DUMPED STONE RIFFLE STRUCTURES SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE EACH, AND SHALL INCLUDE ROCK, LABOR AND ALL INCIDENTALS NECESSARY FOR ONE COMPLETE INSTALLATION.
2. LOCATION OF STRUCTURES ARE AS NOTED IN THE PLANS. MINOR ADJUSTMENTS ARE PERMITTED UPON APPROVAL BY THE ENGINEER.
3. ROCK USED TO CONSTRUCT RIFFLE STRUCTURES AND DUMP STONE DEFLECTORS SHALL CONSIST OF 80% IN THE RANGE OF FOUR (4) TO EIGHT (8) CUBIC FEET AND 20% SMALLER STONE TO FILL VOIDS.
4. ROCK SHALL BE KEYED ONE (1) TO TWO (2) FEET BELOW THE PROPOSED CHANNEL FLOW LINE AND/OR CHANNEL BANK.
5. DUMPED STONE DEFLECTORS AND DUMPED STONE RIFFLE STRUCTURES SHALL BE REQUIRED ON BLUELINE STREAM CHANNEL CHANGES WHEN THE CHANNEL CHANGE FLOW LINE IS EQUAL TO OR LESS THAN 3%, AND THE CHANNEL CHANGE IS 200 LINEAR FEET OR GREATER.
6. SEE PLANS FOR CHANNEL MITIGATION LOCATIONS.
7. WHEN PIPES ARE INVOLVED IN CHANNEL CHANGES CUT THE CHANNEL TO CONFORM WITH SECTION F-F, A DISTANCE OF 20 FEET FROM THE INLET AND OUTLET ENDS OF PIPE.



SECTION D-D

DRAWING NOT TO SCALE

REVISION DATE: 12/01/2015
REVISION NUMBER: 0

SUBMITTED — DIVISION DIRECTOR — 12-01-2015 DATE

APPROVED — STATE HIGHWAY ENGINEER — 12-01-2015 DATE

DRAINAGE

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

MISCELLANEOUS

CHANNEL HABITAT IMPROVEMENT STRUCTURES (DUMPED STONE)

STANDARD DRAWING NUMBER
RDX-240-04