

DESIGNED BY
CHECKED BY
DRAFTED BY

SCALE

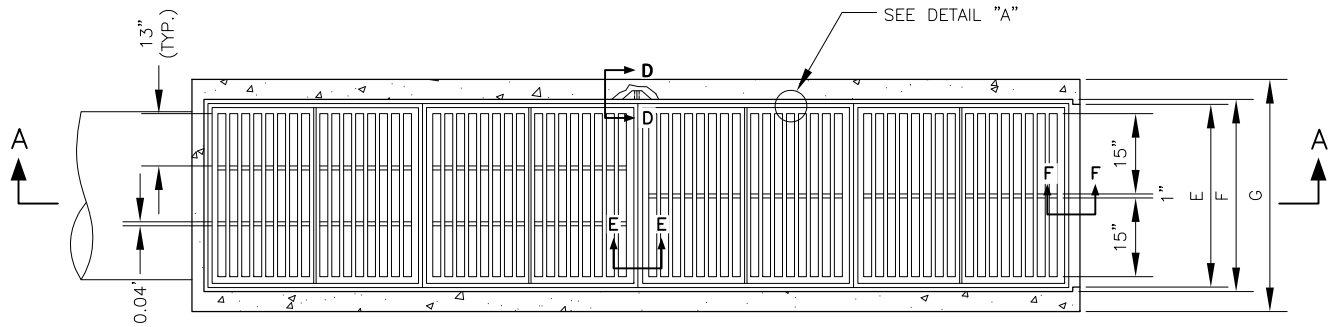
DATE
8/19/2020 3:41 PM

TIME

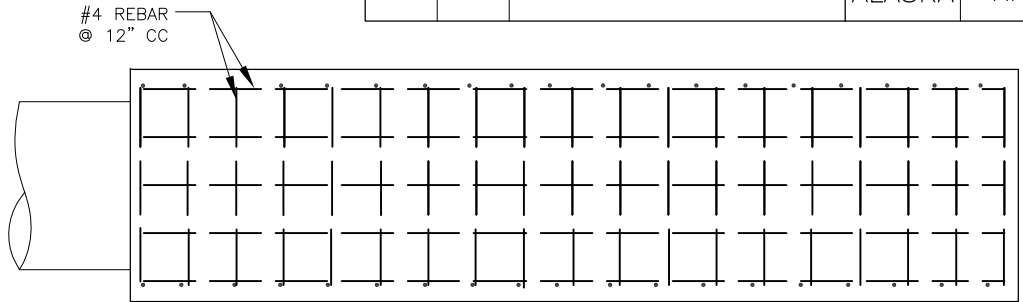
3:41 PM

DRAWING LOCATION
L:\HIGHWAYDESIGNMASTERS\AUTOCAD\REGIONALDETAILS\2016\HIGHWAYS\CONCRETE END SECTION TYPE E INLET_C3D16.IN
PROGRESS.DWG

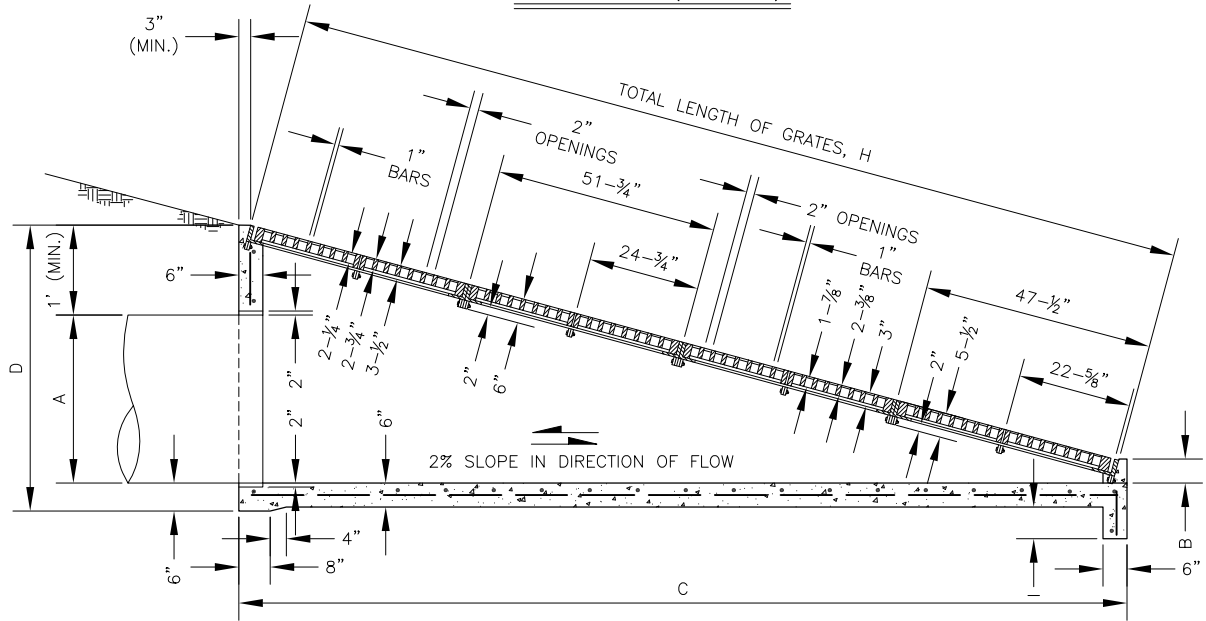
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	XXXXXXX/XXXXXXXXXX	20XX	LAYOUT	



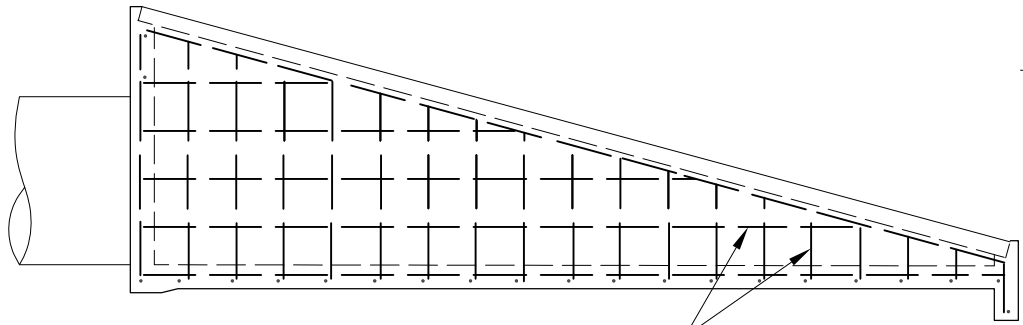
PLAN VIEW (GRATES)



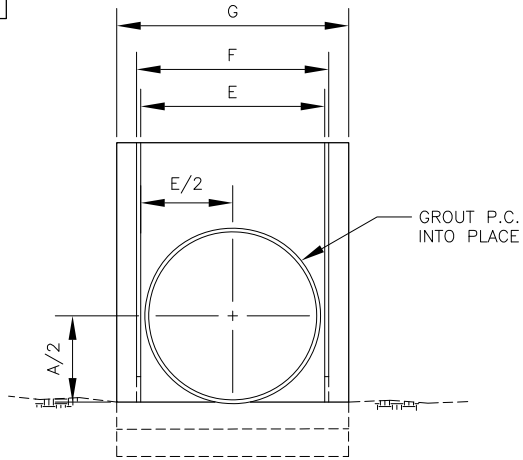
PLAN VIEW (REINFORCEMENT)



SECTION A-A



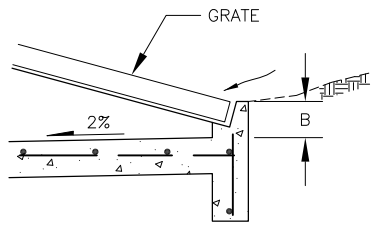
SECTION A-A (REINFORCEMENT)



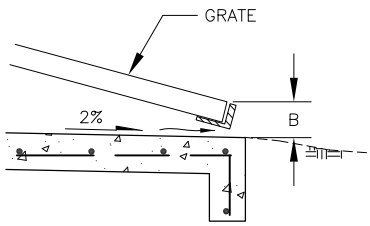
FRONT VIEW

NOTES:

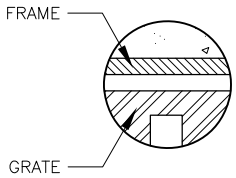
1. CONCRETE SHALL CONFORM TO CLASS "W" CONCRETE.
2. CORNERS EXPOSED SHALL BE CHAMFERED TO 3/4 INCH OR AS STATED IN THE PLANS.
3. STEEL PLACEMENT SHALL BE IN THE CENTER OF THE CONCRETE AND SHALL EXTEND TO WITHIN 2 INCHES OF THE EDGE OF THE CONCRETE.
4. REINFORCING STEEL SHALL BE PREFORMED BARS OF INTERMEDIATE HARDNESS CONFORMING TO ASTM A-615 GRADE 40 OR RAILSTEEL CONFORMING TO ASTM A-500 GRADE 50.
5. DETAIL REINFORCING STEEL AS REQUIRED IF PRECAST CONCRETE UNITS ARE USED, REINFORCE FOR HANDLING.
6. FRAMES AND GRATES SHALL BE CLASS 30 CAST GRAY IRON CONFORMING TO ASTM A48-76 M 105-82.



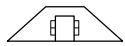
INLET SECTION F-F



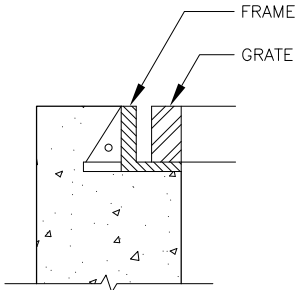
OUTLET SECTION F-F



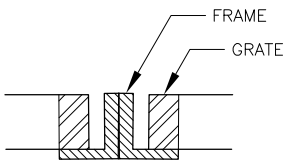
DETAIL "A"



ANCHOR LUG



SECTION D-D

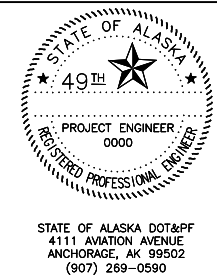


SECTION E-E

* SPECIAL GRATE WIDTH

CONCRETE END SECTION TYPE E INLET DIMENSIONS													
SLOPE	A	B	C	D	E	F	G	H	I	NO. GRATES	GRATE LENGTH	OUTLET/ INLET	REMARKS
4:1	30"	6	159-7/8"	53-3/4"	34"	36"	46"	158-1/2"	8"	7	22-5/8"	INLET	
4:1	30"	6	159-7/8"	47-1/2"	34"	36"	46"	158-1/2"	8"	7	22-5/8"	OUTLET	
4:1	36"	6	198"	64"	46"	48"	58"	198"	8"	8	24-3/4"	INLET	
4:1	36"	6	222"	61-3/4"	46"	48"	58"	223"	8"	9	24-3/4"	OUTLET	
4:1	42"	6	222"	70-1/2"	46"	48"	58"	223"	8"	9	24-3/4"	INLET	
4:1	42"	6	222"	61-3/4"	46"	48"	58"	223"	12"	9	24-3/4"	OUTLET	DIFFERENT FOOTING DESIGN NOTE COLUMN "1"
4:1	48"	6	222"	70-1/2"	60"*	62"	72"	223"	12"	9	24-3/4"	INLET	DIFFERENT FOOTING DESIGN NOTE COLUMN "1"
4:1	48"	6	222"	66-3/4"	60"*	62"	72"	223"	18"	9	24-3/4"	OUTLET	DIFFERENT FOOTING DESIGN NOTE COLUMN "1"

DATE	###
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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
PROJECT TITLE
PROJECT TITLE
TYPE E INLET
CONCRETE END SECTION
DETAILS