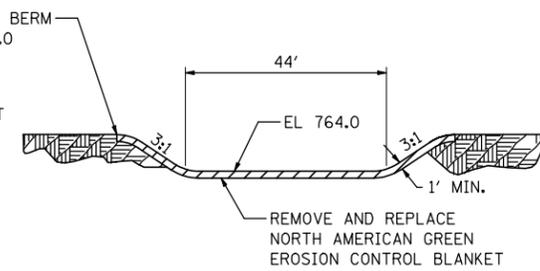


**CROSS SECTION
NORTHERN OVERFLOW SPILLWAY DETAIL
DETENTION FACILITY
(ROUTE 173)**

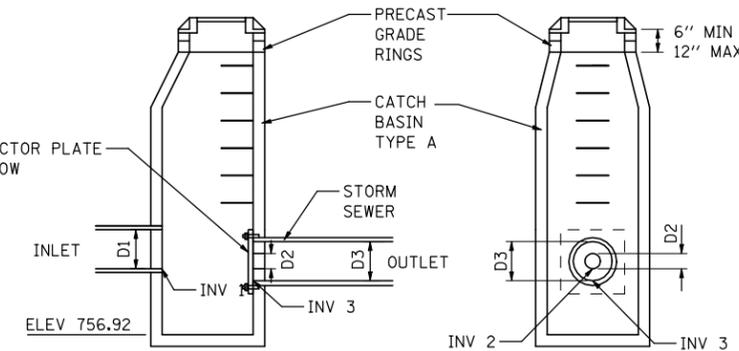
N.T.S.



**SIDE VIEW
NORTHERN OVERFLOW SPILLWAY DETAIL
DETENTION FACILITY
(ROUTE 173)**

N.T.S.

NOTE: A TRAPEZOIDAL CHANNEL SECTION SHALL BE PROVIDED DOWN THE FACE OF THE BERM SIMILAR TO THE WEIR DETAIL THAT WILL CONTAIN THE FLOWS ON THE MAT AS THEY GO DOWN THE SLOPE.

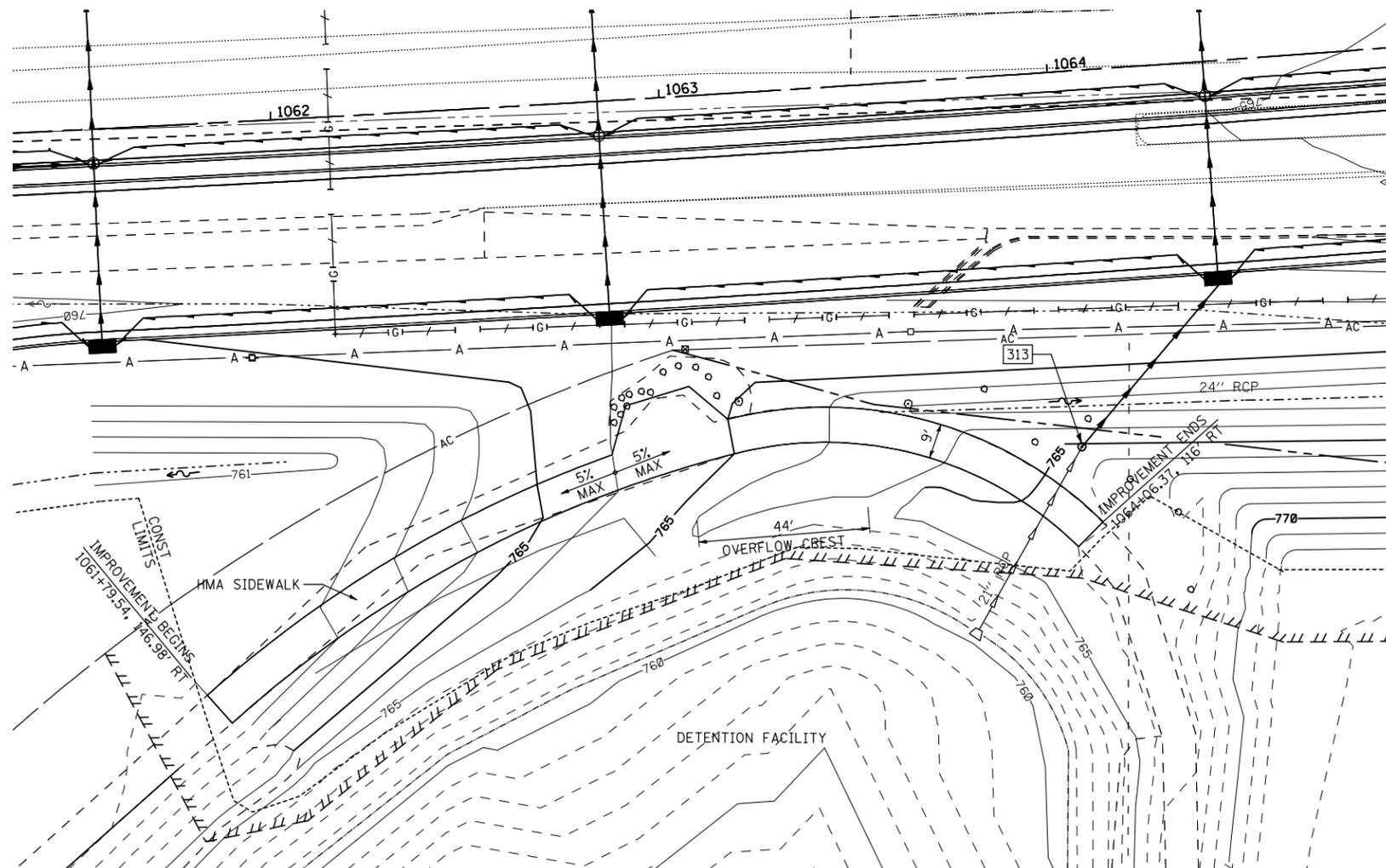


ELEVATION-SIDE

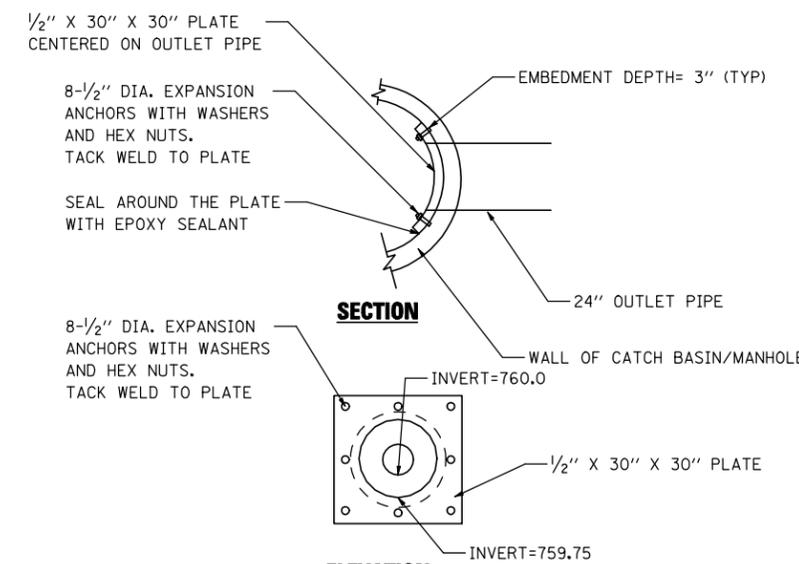
ELEVATION-OUTLET

- NOTES:**
- CATCH BASIN SHALL STRUCTURALLY AND DIMENSIONALLY CONFORM TO CATCH BASINS, TYPE A, 5' DIA., TYPE 1 FRAME, CLOSED LID
 - DIMENSIONS:
RIM 766.0
INV1 760.12
INV2 760.0
INV3 759.75
D1 21"
D2 18.3"
D3 24"
 - OUTLET RESTRICTOR 1/2" STAINLESS STEEL OR DUCTILE IRON PLATE WITH 18.3" DIAMETER ORIFICE

DRAINAGE STRUCTURE No. 313 - DETAIL



GRADING PLAN AT DETENTION FACILITY



ELEVATION

NOTES:
PLATE SHALL BE CURVED TO MATCH THE INSIDE RADIUS OF THE CATCH BASIN.

RESTRICTOR PLATE DETAIL

- NOTES:
THE RESTRICTOR PLATE AND FASTENERS SHALL BE FABRICATED IN STAINLESS STEEL OR DUCTILE IRON.
THE CONTRACT UNIT PRICE PER EACH FOR CATCH BASINS, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID SHALL INCLUDE THE RESTRICTOR PLATE.

FILE NAME = ...\\CADD SHEETS\Z007930R-DTLS3.dgn	USER NAME = Elgin 110	DESIGNED - MJS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE DETAILS OSF DETENTION FACILITY				F.A.P. RTE. 303	SECTION 129R	COUNTY WINNEBAGO	TOTAL SHEETS 968	SHEET NO. 444
THE UPCHURCH GROUP, INC.	PLOT SCALE = 40.0000' / IN.	DRAWN - RMH	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 64988			
	PLOT DATE = 5/1/2013 3:19:02 PM	CHECKED - RLH	REVISED -		ILLINOIS FED. AID PROJECT								
		DATE - APRIL 30, 2013	REVISED -										