

CHECKING PRINT

CHECKED: DATE: CORRECTED: DATE: BACKCHECKED: DATE: APPROVED: DATE:

X:\Projects\GFL\2016\1622100703\Design\Drainage\Sheets\17-18-03_DP101.dwg, Westbound Extended Detention (BMP) Pond: 7/29/20 - 9:30am

EXIST. PROFILE GRADE
FROM RECORD PLANS
(NGVD 29)

DETENTION BASIN COMPONENT	VOLUME REQUIRED (AC-FT)	VOLUME PROVIDED (AC-FT)
FOREBAY	0.04	0.07
MICROPOOL	0.04	0.13
WATER QUALITY	0.37	0.46

LEGEND

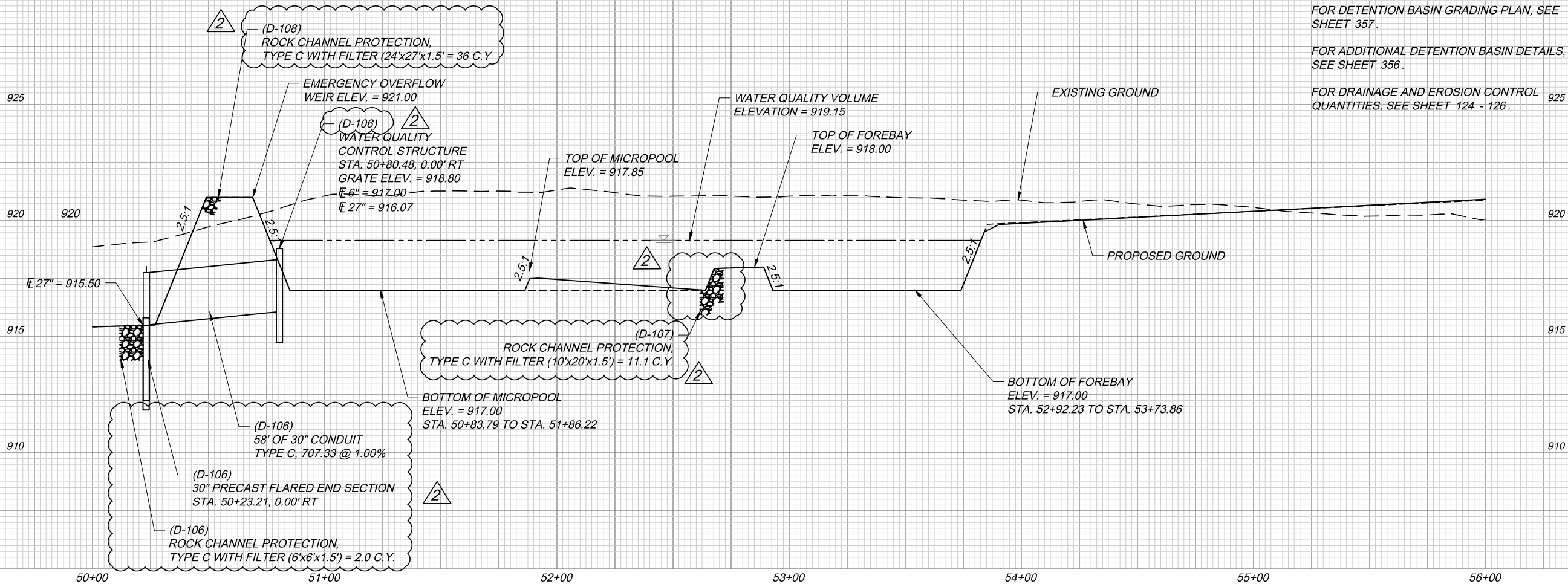
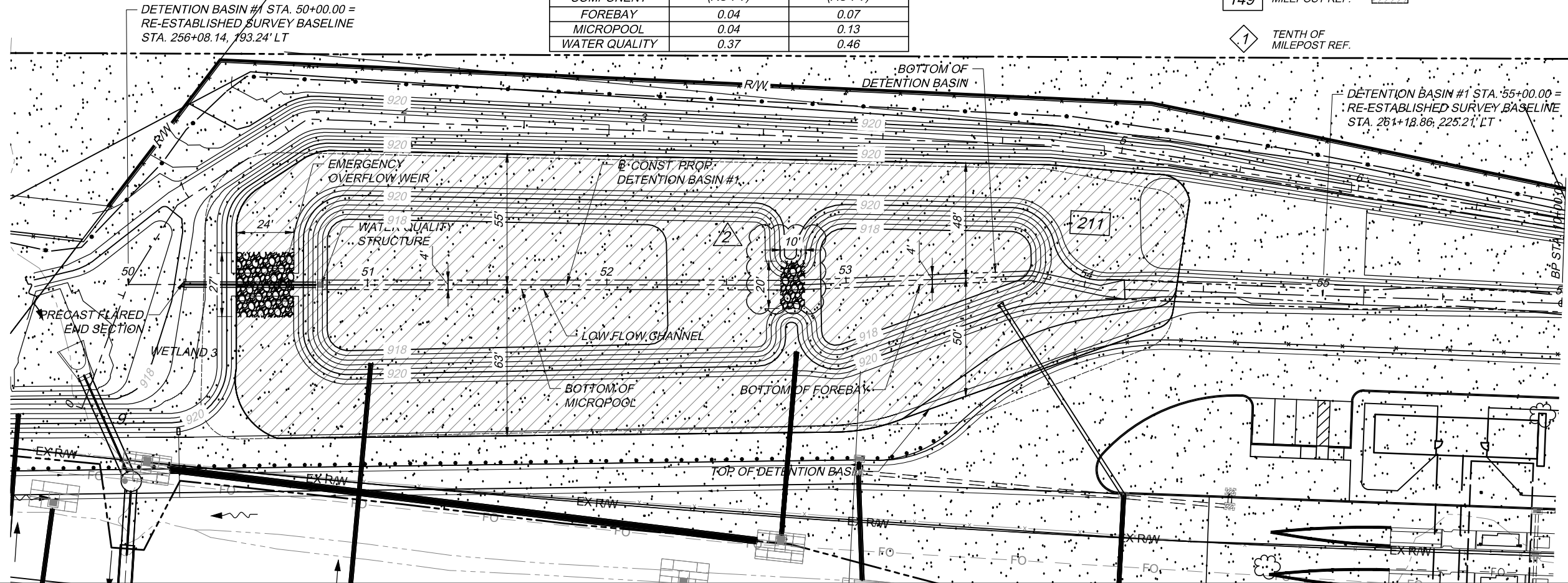
149 MILEPOST REF.



EROSION CONTROL MAT, TYPE G



TENTH OF MILEPOST REF.



PROJECT 39-20-03A
DATE: 3/17/20

DESIGNED ZH
DRAWN AF

CHECKED DES
IN CHARGE DES

NO. 2

REVISIONS
ADDENDUM NO. 2

BY DATE
LAA 7/29/20

DESIGN AGENCY
CDLZ
OHIO, INC.

OHIO TURNPIKE

PLAN AND PROFILE
WESTBOUND EXTENDED DETENTION (BMP) POND

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

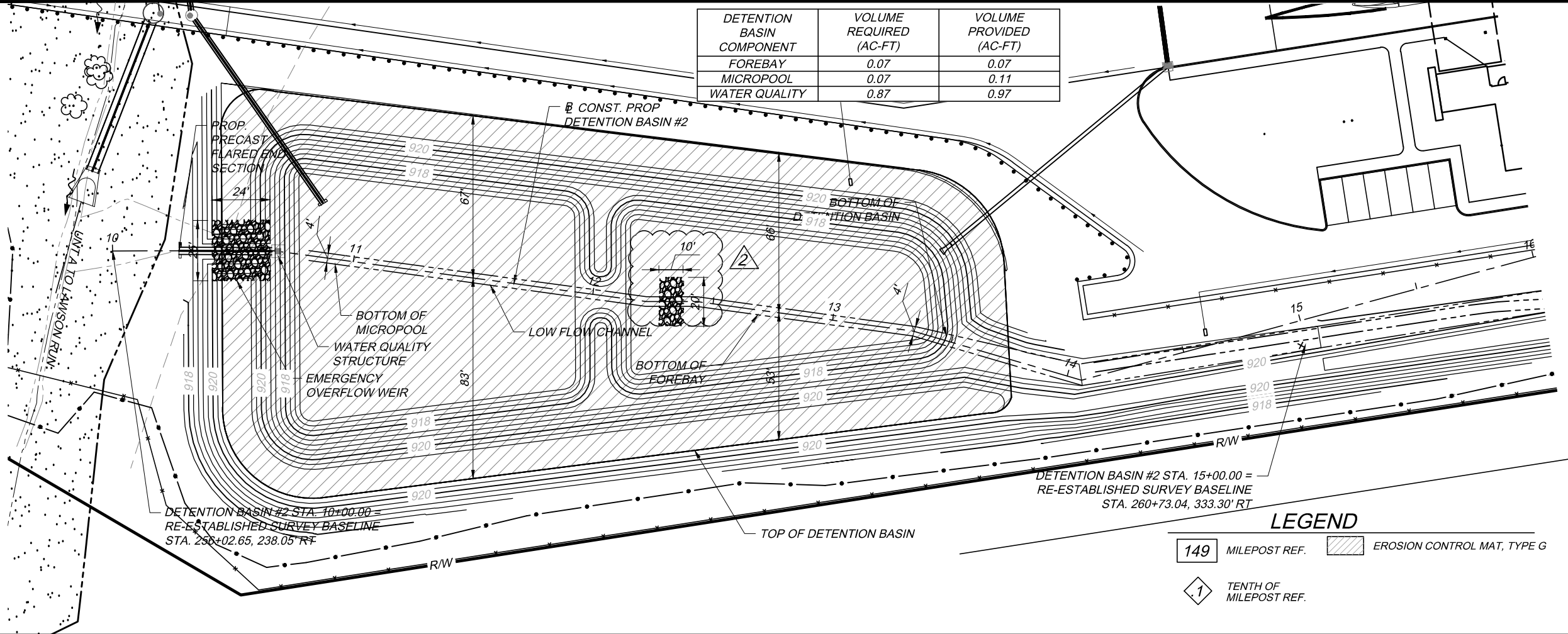
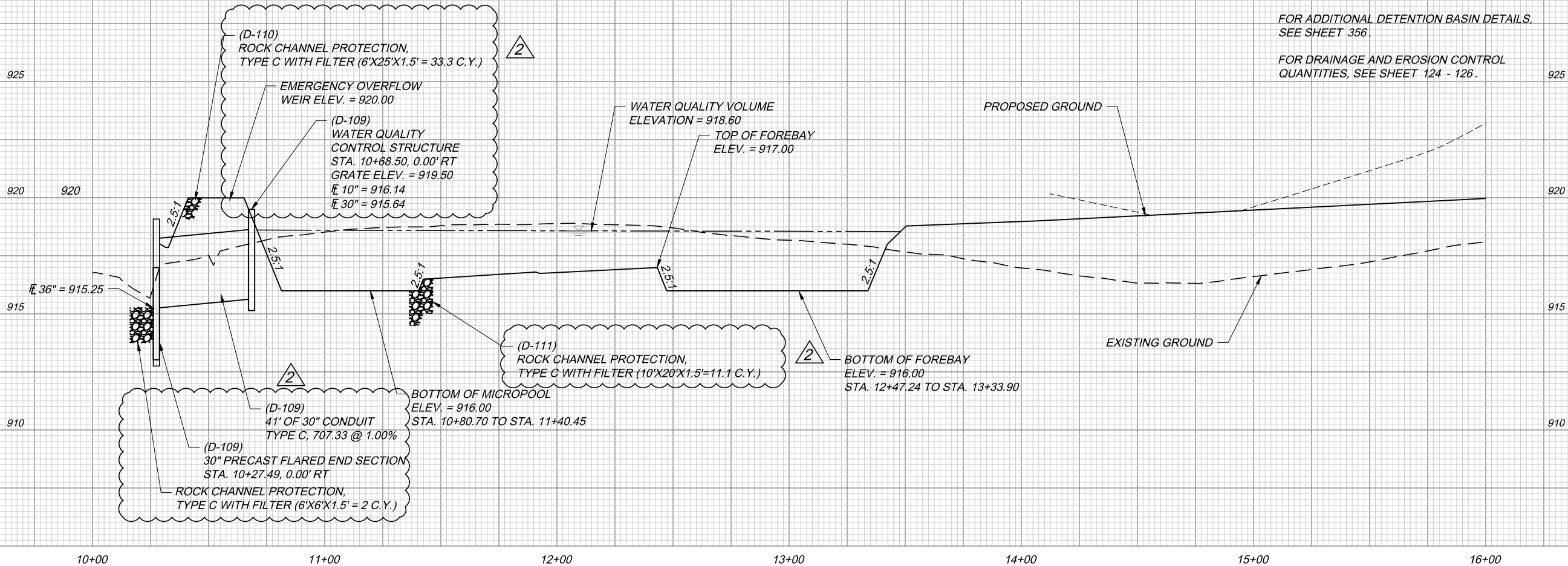
354
472

CHECKING PRINT

CHECKED: _____ DATE: _____ CORRECTED: _____ DATE: _____
BACKCHECKED: _____ DATE: _____ APPROVED: _____ DATE: _____

X:\Projects\GFL\2016\16221\00703\Design\Drainage\Sheets\71-18-03_D\001.dwg: Eastbound Extended Detention (BMP) Pond: 7/29/20 - 9:35am

EXIST. PROFILE GRADE
FROM RECORD PLANS
(NGVD 29)



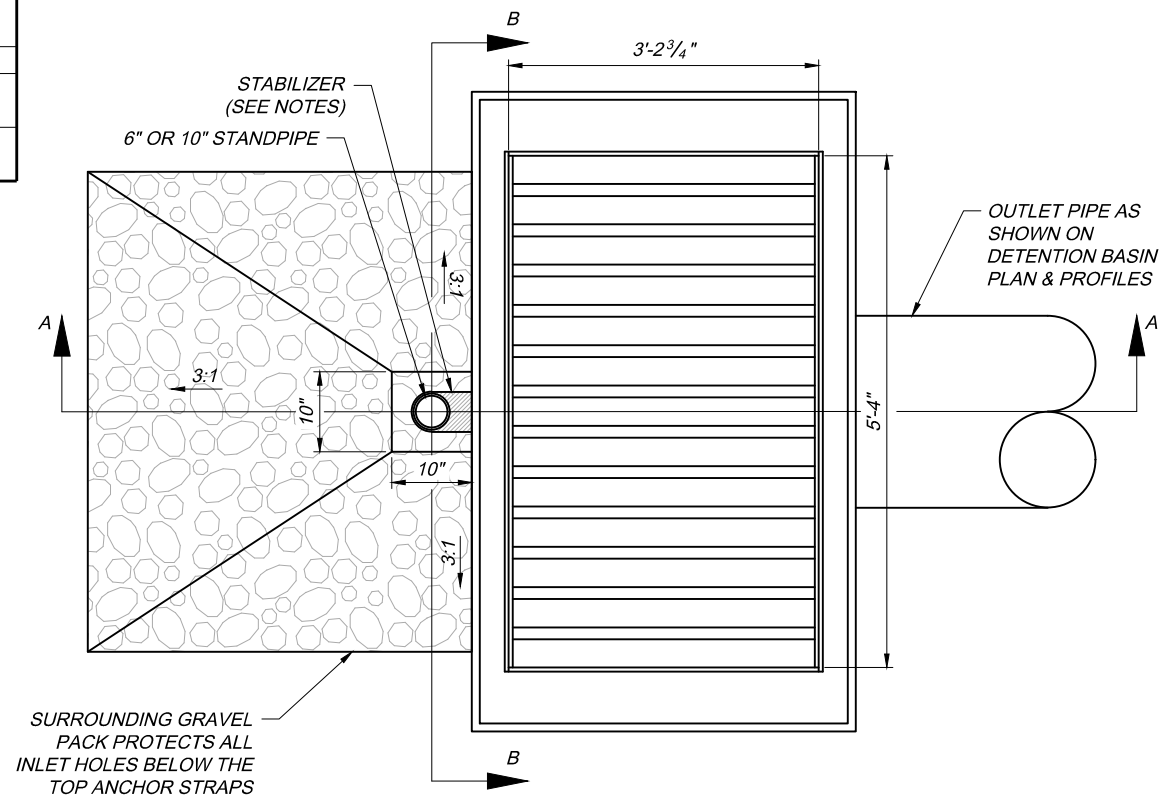
CHECKED: _____	DATE: _____	CORRECTED: _____	DATE: _____
BACKCHECKED: _____	DATE: _____	APPROVED: _____	DATE: _____

X:\Projects\GFL\2016\1622\100703\Design\Drainage\Sheets\71-18-03_DM001.dwg; Extended Detention Basin Details; 7/29/20 - 9:40am

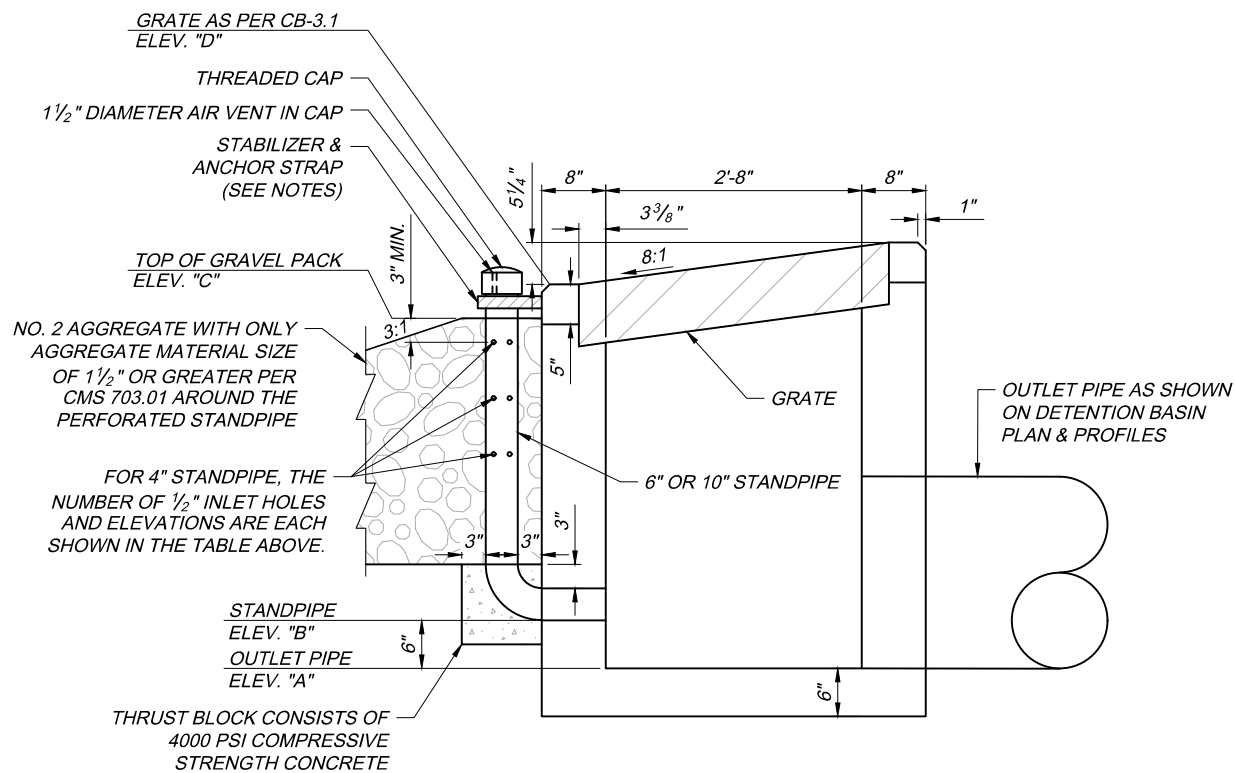
STANDPIPE INLET HOLES TABLE			
DETENTION BASIN EASTBOUND			
10	-	1" ORIFICES,	ELEV. 916.00
DETENTION BASIN WESTBOUND			
12	-	1/2" ORIFICES,	ELEV. 917.00
12	-	1/2" ORIFICES,	ELEV. 918.00

DETENTION BASIN	ELEV. "A"	ELEV. "B"	ELEV. "C"	ELEV. "D"
EASTBOUND	915.25	915.75	918.25	919.50
WESTBOUND	915.64	916.14	917.55	918.80

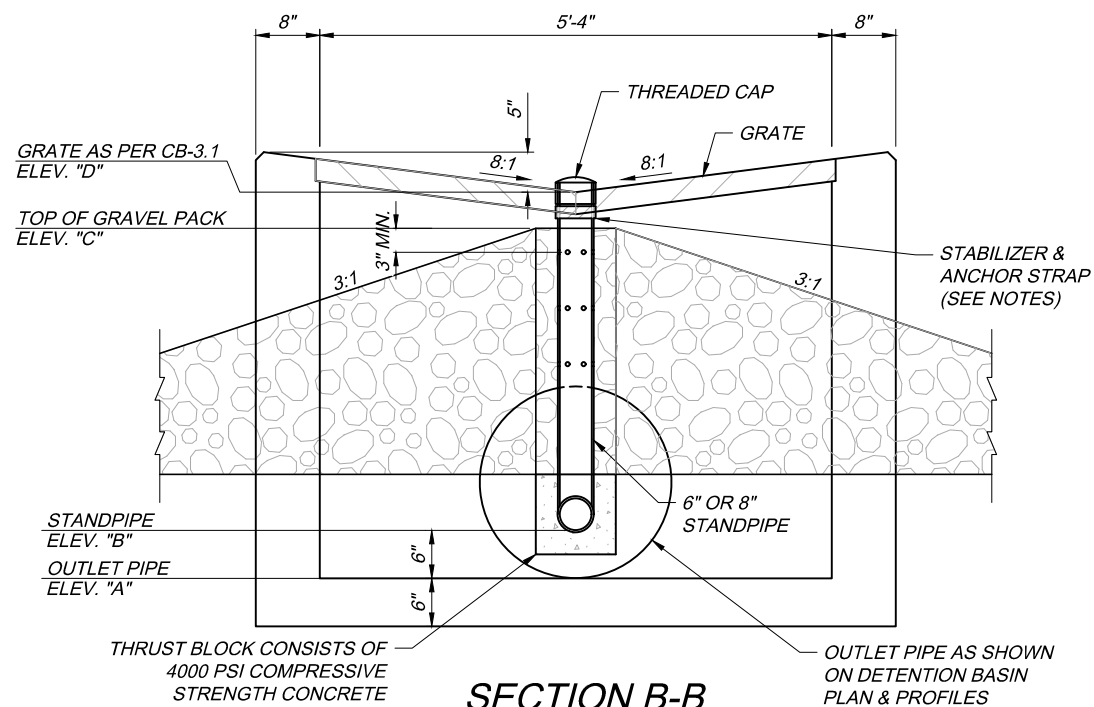
<i>SCHEDULE</i>	<i>ACTIVITY</i>
<i>MONTHLY</i>	<i>MOW EMBANKMENT AND CLEAN TRASH AND DEBRIS FROM OUTLET STRUCTURE.</i>
<i>ANNUALLY</i>	<i>INSPECT EMBANKMENT AND OUTLET STRUCTURE FOR DAMAGE AND PROPER FLOW. REMOVE WOODY VEGETATION AND FIX ANY ERODING AREAS. MONITOR SEDIMENT ACCUMULATIONS IN FOREBAY, MICROPOOL AND MAIN POOL.</i>
<i>SEMI-ANNUALLY</i>	<i>INSPECT BASIN AREAS FOR INVASIVE PLANTS.</i>
<i>3-7 YEARS</i>	<i>REMOVE SEDIMENT FROM FOREBAY, MICROPOOL AND MAIN POOL.</i>
<i>15-20 YEARS</i>	<i>MONITOR SEDIMENT ACCUMULATIONS IN THE MAIN POOL AND CLEAN AS POOL VOLUME IS REDUCED SIGNIFICANTLY.</i>



*WATER QUALITY CONTROL
STRUCTURE PLAN VIEW
NOT TO SCALE*



SECTION A-A
NOT TO SCALE



SECTION B-B
NOT TO SCALE

<div><div><div><div><div>356</div><div>472</div></div></div><div><div>PROJECT 39-20-03A</div><div>DATE: 07/03/19</div></div></div></div>	EXTENDED DETENTION BASIN DETAILS						DESIGN AGENCY	
	DESIGNED		CHECKED	NO.	REVISIONS	BY		DATE
	ZH	DES	2	ADDENDUM NO. 2	LAA	7/28/20		
	DRAWN	IN CHARGE	-	-	-	-		
AF		DES	-	-	-	-	O:\2018\2019\1615\standards\GPD_OTC_Logo.jpg	