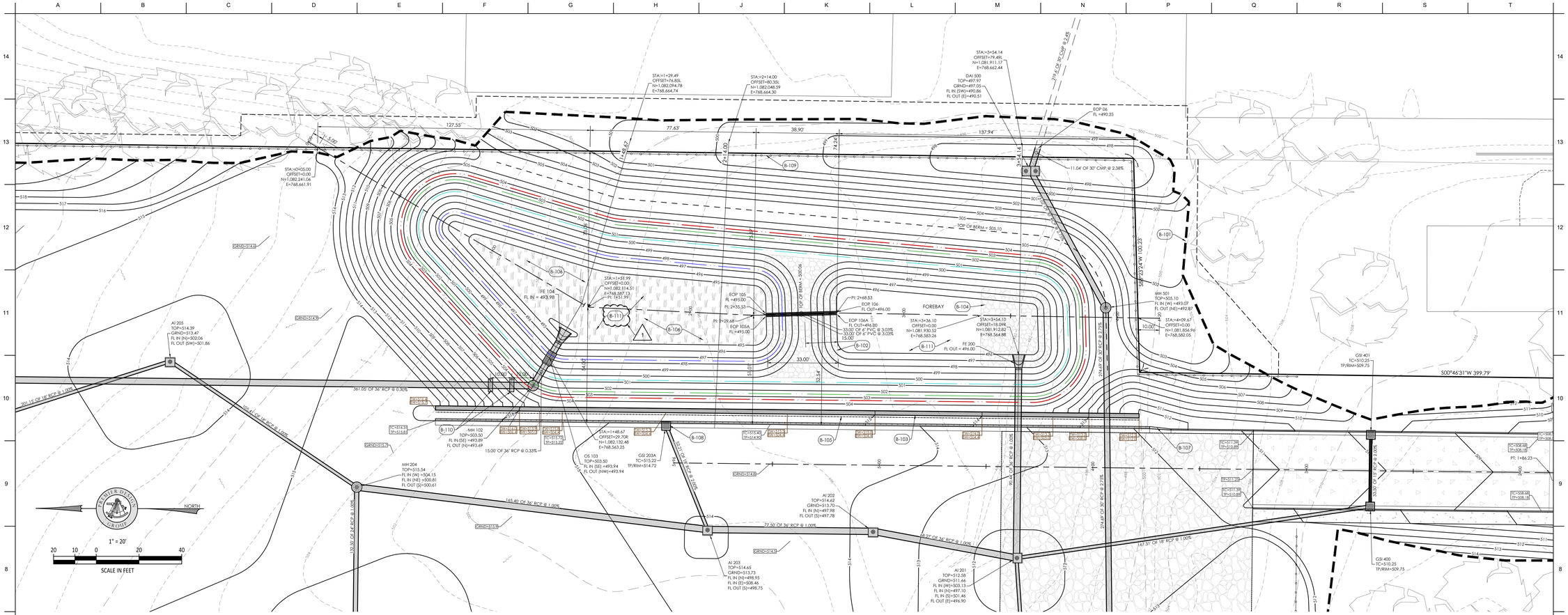


STORMWATER BASIN SCHEDULE

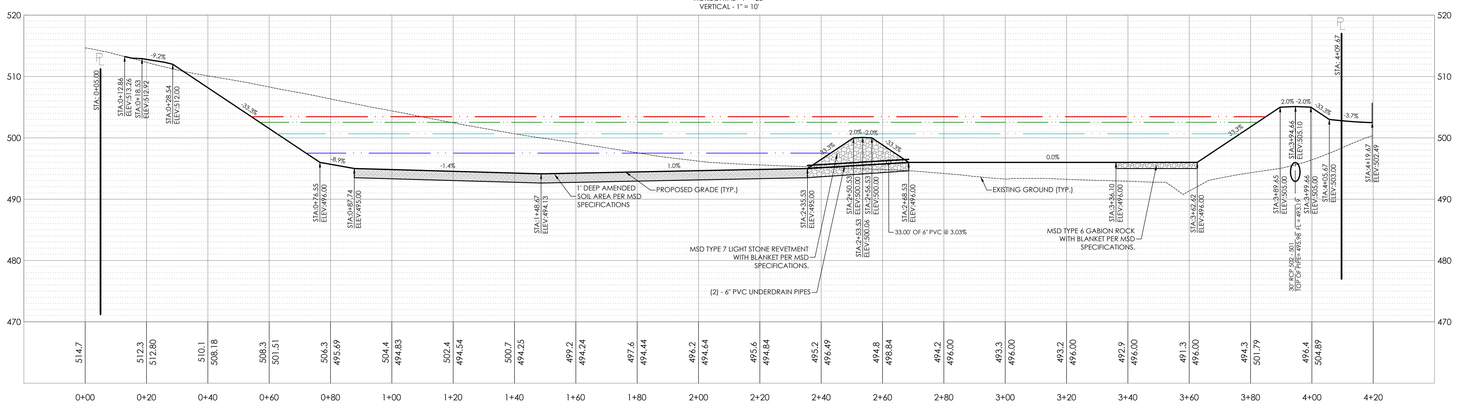
CODE	DESCRIPTION	DETAIL
B-101	LAND DISTURBANCE LIMITS	
B-102	PROPOSED FOREBAY SHALL BE CONSTRUCTED OF MSD TYPE 7 LIGHT STONE REVETMENT WITH BLANKET PER MSD SPECIFICATIONS	
B-103	PROPOSED MODULAR BLOCK RETAINING WALL	
B-104	MSD TYPE 6 GABION ROCK WITH BLANKET PER MSD SPECIFICATIONS.	
B-105	PROPOSED 4 FOOT TALL BLACK ALUMINIUM FENCE.	10/C-700
B-106	BASIN SHALL BE PLUGGED WITH NATIVE GRASSES. TEMPORARY IRRIGATION SHALL BE PROVIDED UNTIL ROOT ESTABLISHMENT. BASIN SHALL NOT BE PLANTED UNTIL AFTER PHASE 2 IS COMPLETED DUE TO RISK OF SOIL EROSION INTO BASIN.	
B-107	TRANSITION FROM 2 FOOT VERTICAL CURB AND GUTTER TO 3 FOOT VERTICAL CURB AND GUARD RAIL IN 10 FEET.	
B-108	SPACE GUARDRAIL ACCORDINGLY TO ACCOMODATE THE PROPOSED GRATE INLET WITH SIDE INTAKE. SIDE INTAKE PORTION OF INLET SHALL BE SET WITHIN THE FIRST SIX INCHES OF CURB.	
B-109	PROPOSED CHAIN LINK FENCE. REFER TO OVERALL PLAN FOR LIMITS OF FENCING.	12/C-700
B-110	PROPOSED ANTI-SEEPAGE COLLAR	1/C-602
1 B-111	THE BASIN FLOOR SHALL BE PROTECTED WITH FILTER FABRIC UNTIL PHASE 2 IS COMPLETED AND READY TO PLANT.	

BASIN HW ELEVATIONS

- 100 YR HW WITH L.F.B. = 503.47
- 100 YR HW ELEV = 503.42
- 25 YR HW ELEV = 502.53
- 2 YR HW ELEV = 500.66
- WQv HW ELEV = 497.51

BASIN PROFILE VIEW

HORIZONTAL - 1" = 20'
VERTICAL - 1" = 10'



UNDERGROUND UTILITIES AND OSHA SAFETY NOTE:

Underground utilities and structures have been plotted from available information and therefore, their location must be considered approximate only. It is the responsibility of the individual contractors to notify the utility companies before actual construction. All O.S.H.A rules and regulations established for the type of construction required by these plans shall be strictly followed (ie. trenching, blasting, etc.)

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REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM #01	10/5/2023

PROJECT NO.: 2207920 DRAWN BY: A. JONES
DATE: 9-15-2023 REVIEWED BY: M. FOGARTY

PROFESSIONAL SEAL

STATE OF MISSOURI
STEVEN D. MARION
NUMBER
PE2006007195
IOWA
PROFESSIONAL ENGINEER

ENGINEERS AUTHENTICATION
The responsibility for the authenticity and accuracy of information on this project is hereby limited to the set of plans authenticated by the seal, signature, and date hereunder attached. Responsibility is disclaimed for all other engineering plans involved in this project and specifically excludes revisions other than those seaded or authenticated.
STEVEN D. MARION P.E.
PROFESSIONAL ENGINEER
PE 2006007195

PROJECT TITLE
O'FALLON PUBLIC WORKS FACILITY

PROJECT ADDRESS:
1101 OLD E TERRA LANE
O'FALLON, MO 63366

BASIN PLAN AND PROFILE

SHEET
C-600

PERMIT SET

\\Draft-sp\vault\Civil_3D PROJECTS\2022\2207920_HDG_City of Ofallon MO Public Works\ENGINEERING\PHASE 1 CONSTRUCTION DOCUMENTS\C-600 DETENTION BASIN PLAN DETAIL.dwg