

STORM DRAIN SCHEDULE				
STRUCTURE	RIM	INVERT IN	INVERT OUT	STRUCTURE/GRATE TYPE
I-2	314.00	----	311.00 (6")	2808AG/0899CGD
HB-3	-----	303.00 (6")	303.00 (6")	6" PVC 45 BEND
I-4	302.50	300.00 (6")	295.35 (6")	2808AG/0899CGD
MH-5	293.19	288.55 (12")	288.45 (12")	1599CGC
I-6	292.75	290.05 (6")	289.55 (12")	1599CGD
I-7	292.25	289.39 (12"); 289.39 (12")	289.29 (12")	3099CGD
EX-8	292.26	291.10 (EX. 6")	289.61 (8")	EXIST. MH.
I-9	302.00	-----	299.00 (8")	1299CGS
TD-10	296.00-296.00	295.00 (UPSTREAM END)	294.80 (DOWNSTREAM END) (4")	8'-8" LONG X 8" WIDE w/ LOCKING GRATE
MH-11	295.80	293.41 (4"); 293.08 (8"); 293.08 (8")	292.98 (12")	1899CGC
I-12	296.00	-----	294.00 (8")	SEE LS PLAN
MH-13	295.85	293.78 (8")	293.68 (8")	1099CGC
MH-14	295.80	292.58 (12"); 292.58 (8")	292.48 (12")	1899CGC
I-15	294.11	292.78 (8")	-----	1299CGD
I-16	293.10	-----	290.60 (6")	0899CGP
I-17	293.10	290.34 (6")	290.24 (6")	0899CGP
I-18	293.10	289.98 (12")	289.88 (12")	1599CGP
I-19	300.10	294.90 (12")	294.80 (12")	1599CGS
MH-20	300.80	295.20 (6"); 296.63 (12")	295.10 (12")	1599CGC
I-21	300.75	-----	297.00 (12")	1299CGS
MH-22	301.25	295.70 (12")	295.60 (12")	1299CGC
MH-23	300.60	296.60 (8"); 296.60 (8")	296.27 (12")	1299CGC
I-24	300.00	-----	297.37 (8")	SEE LS PLAN
I-25	299.25	-----	297.00 (8")	1299CGP
I-26	301.50	-----	295.75 (8")	1299CGD
MH-27	294.50	289.65 (12"); 289.80 (8")	289.55 (12")	1599CGC
TEE-28	-----	289.20 (12"); 289.36 (8")	289.20 (12")	12"x8" TEE
TEE-29	-----	289.09 (12")	289.09 (12")	12" HDPE TEE
EX-30	293.41 (EX)	288.24 (12")	-----	EXIST. MH.
DP-1	300.10	295.25 (6")	-----	STORMBRIXX STORAGE CHAMBERS

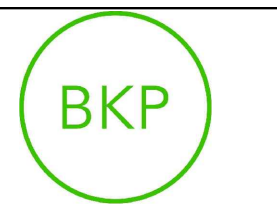
NOTES:  
 1. FIELD VERIFY SIZE, DEPTH, AND MATERIAL OF ALL EXISTING PIPE CONNECTIONS PRIOR TO SUBMISSION OF STRUCTURE SHOP DRAWINGS.  
 2. CONTRACTOR SHALL TEST PIT ALL EXISTING STORM DRAINS AT CRITICAL CROSSINGS AND CONNECTIONS TO VERIFY SIZE, MATERIAL, AND DEPTH.  
 3. SHOP DRAWINGS FOR STRUCTURES SHALL BE SUBMITTED PRIOR TO INSTALLATION. EQUIVELANT STRUCTURES MAY BE SUBSTITUTED.  
 4. ALL GRATES SHALL BE LOCKING TYPE.

PIPE SCHEDULE				
FROM	TO	LENGTH (FEET)	SIZE (INCHES)	MATERIAL
MH-05	EX-30	26	12	HDPE
TEE-29	MH-05	54	12	HDPE
TEE-28	TEE-29	11	12	HDPE
I-07	TEE-28	9	12	HDPE
MH-27	I-07	38	12	HDPE
MH-14	MH-27	36	12	HDPE
I-19	MH-14	52	12	HDPE
MH-20	I-19	21	12	HDPE
I-21	MH-20	28	12	HDPE
I-06	TEE-29	8	12	HDPE
ExMH-08	TEE-28	27	8	PVC
MH-11	I-07	44	12	HDPE
I-18	MH-27	9	8	PVC
I-15	MH-14	40	12	HDPE
DP-01	MH-20	4	6	PVC
I-04	I-06	34	4	PVC
TD-10	MH-11	6	4	PVC
I-17	I-18	26	6	PVC
HB-03	I-04	15	6	PVC
I-16	I-17	26	6	PVC
I-02	HB-03	40	6	PVC
I-09	MH-11	53	8	PVC
MH-13	MH-11	17	8	PVC
I-12	MH-13	6	8	PVC
I-26	PreStor	5	8	PVC
MH-22	PreStor	5	12	HDPE
MH-23	MH-22	58	12	HDPE
I-24	MH-23	13	8	PVC
I-25	MH-26	39	8	PVC
MWS	DP-1	1	12	HDPE
PreStor	MWS	2	8	PVC

NOTES:  
 1. ALL HDPE PIPE SHALL BE N-12 DUAL WALL WITH WATER TIGHT JOINTS.  
 2. ALL PVC PIPE SHALL BE SCHEDULE 40 WITH SOLVENT WELD JOINTS.

HORIZONTAL DATUM: NAD 83(2011)  
 VERTICAL DATUM: NAVD 88

BCNR # 11545



PROJECT TEAM:  
 ARCHITECT:  
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OWNER / DEVELOPER / APPLICANT:  
 MARYLAND ZOO IN BALTIMORE  
 1876 MANSION HOUSE DRIVE  
 BALTIMORE MD 21217  
 CONTACT: MR. KARL KRANZ  
 PHONE: 443-552-3350

CLIENT:  
**MARYLAND ZOO**  
 THE MARYLAND ZOO IN BALTIMORE  
 1 SAFARI PLACE  
 BALTIMORE, MD 21217

**RED PANDA**  
 THE MARYLAND ZOO  
 IN BALTIMORE  
 1 SAFARI PLACE  
 BALTIMORE, MD 21217

THIS DRAWING IS TO ILLUSTRATE THE WORK TO BE DONE. THE ARCHITECT IS NOT RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES USED TO DO THE WORK OR THE SAFETY ASPECTS OF CONSTRUCTION, AND NOTHING ON THIS DRAWING EXPRESSED OR IMPLIED CHANGES THIS CONDITION. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING HOW THEY AFFECT THE WORK SUBMITTAL OF A BID TO PERFORM THIS WORK IS AN ACKNOWLEDGMENT OF THESE RESPONSIBILITIES, AND THAT THEY HAVE BEEN FULLY CONSIDERED IN PLANNING OF THE WORK, AND THE BID PRICE. NO CLAIMS FOR EXTRA CHARGES DUE TO THESE CONDITIONS WILL BE FORTHCOMING.

SEAL:

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DAILY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 1444, EXPIRATION DATE 5/25/25.

DATE:	JANUARY 14, 2025
PROJECT NO:	2023-10.04
DRAWN BY:	MJE
CHECKED BY:	CMS
SUBMISSION:	DATE
BID SET:	01/14/2025
REVISION	DATE
ADDENDUM 1	02/03/2025

DRAWING TITLE:  
 STORM DRAIN SCHEDULES

DRAWING NO:  
**C510**