

**SITE LOCATION MAP**  
SCALE: 1"=2,000'

**LIMIT OF DISTURBANCE**  
TOTAL LIMIT OF DISTURBANCE: 3,588 S.F. OR 0.08 AC.  
**EARTHWORK CALCULATIONS\***

CUT: 25  
FILL: 5  
CUT/FILL RATIO: 5:1

\*EARTHWORK CALCULATION FOR ESTIMATING PURPOSES ONLY. CONTRACTOR TO VERIFY TO THEIR OWN SATISFACTION.

**PAVING QUANTITY\***

ASPHALT PAVEMENT: 235 S.F.  
CONCRETE PAVEMENT: 225 S.F.

\*PAVEMENT QUANTITY FOR ESTIMATING PURPOSES ONLY. CONTRACTOR TO VERIFY TO THEIR OWN SATISFACTION.

**SITE NOTES:**

- OWNER: MAYOR AND CITY COUNCIL  
1 SAFARI PLACE  
BALTIMORE, MD 21217
- DEVELOPER: THE MARYLAND ZOO IN BALTIMORE  
1875 MANSION HOUSE DRIVE  
BALTIMORE, MD 21217  
CONTACT: KARL KRANZ, EXECUTIVE VICE PRESIDENT FOR ANIMAL PROGRAMS / COO  
PHONE: (443) 552-3350
- THE PROJECT PROPOSAL IS TO INSTALL FOUR (4) NEW GENERATORS ON CONCRETE PADS. NO NEW BUILDINGS OR PARKING ARE PROPOSED.
- EXISTING ZONE: OS - OPEN SPACE
- THIS PROJECT IS NOT LOCATED WITHIN THE CHESAPEAKE BAY CRITICAL AREA.
- EXISTING TOPOGRAPHIC INFORMATION OUTSIDE OF THE LIMITS OF THE FIELD-RUN SURVEY IS BASED ON AVAILABLE BALTIMORE CITY GIS.

**SURVEY NOTES:**

- THE SURVEYED AREAS SHOWN ARE A PORTION OF THE LANDS OF MAYOR & CITY COUNCIL (NO DEED REFERENCE) IN THE CITY OF BALTIMORE, MARYLAND AND SHOWN AS WARD 13, SECTION 5, BLOCK 3499, LOT 1 PER THE DEPARTMENT OF ASSESSMENTS.
- LOCATION OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE. SOURCE INFORMATION FROM PLANS AND MARKINGS HAS BEEN COMBINED WITH OBSERVED EVIDENCE OF UTILITIES TO DEVELOP A VIEW OF THOSE UNDERGROUND UTILITIES. HOWEVER, LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY COMPLETELY AND RELIABLY DEPICTED. WHERE ADDITIONAL OR MORE DETAILED INFORMATION IS REQUIRED, THE CLIENT IS ADVISED THAT EXCAVATION MAY BE NECESSARY.
- APPROXIMATE LOCATION OF UNDERGROUND UTILITIES ARE SHOWN PER PRIVATE UTILITY MARKOUT PERFORMED BY GPRS, INC. ON FEBRUARY 16, 2024 AND FIELD LOCATED WITH CONVENTIONAL FIELD SURVEY UNLESS OTHERWISE NOTED.
- THIS SURVEY WAS PERFORMED IN THE FIELD ON FEBRUARY 26, 2024 UTILIZING THE REFERENCE DOCUMENTS AS LISTED HEREON AND DEPICTS BUILDINGS, STRUCTURES AND OTHER IMPROVEMENTS.
- ELEVATIONS ARE BASED ON BALTIMORE CITY VERTICAL DATUM DETERMINED BY GPS OBSERVATIONS AND TIED TO BALTIMORE CITY BENCHMARK NO. 954 WITH A PUBLISHED ELEVATION OF 208.418 FEET.
- THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT, AND THEREFORE, MAY BE SUBJECT TO RESTRICTIONS, COVENANTS, AND/OR EASEMENTS, WRITTEN OR IMPLIED.
- NO SURVEY OF SUBTERRANEAN STRUCTURES OR INTERIOR SPACES SUCH AS FOOTINGS, FOUNDATIONS, VAULTS OR BASEMENTS WAS PERFORMED AS PART OF THIS LAND SURVEY, AND THIS PLAN SHOULD NOT BE CONSTRUED AS CERTIFICATION TO THE EXISTENCE OR LOCATION OF THE SAME.

**PLAN REFERENCES AND CONTACTS**

**REFERENCES**

- TOPOGRAPHIC SURVEY BY: BOHLER ENGINEERING VA, LLC. ENTITLED: "TOPOGRAPHIC SURVEY FOR THE MARYLAND ZOO IN BALTIMORE; ON A PORTION OF THE LANDS OF MAYOR & CITY COUNCIL (NO DEED REFERENCE); 1 SAFARI PLACE; 13TH WARD - SECTION 5; BLOCK: 3499 LOT: 1; CITY OF BALTIMORE, MARYLAND" PROJECT NO: MDA230132.00 DATED: 03/11/2024

THE ABOVE REFERENCED DOCUMENTS ARE INCORPORATED BY REFERENCE AS PART OF THESE PLANS. HOWEVER, BOHLER DOES NOT CERTIFY THE ACCURACY OF THE WORK REFERENCED OR DERIVED FROM THESE DOCUMENTS, BY OTHERS.

**SHEET INDEX**

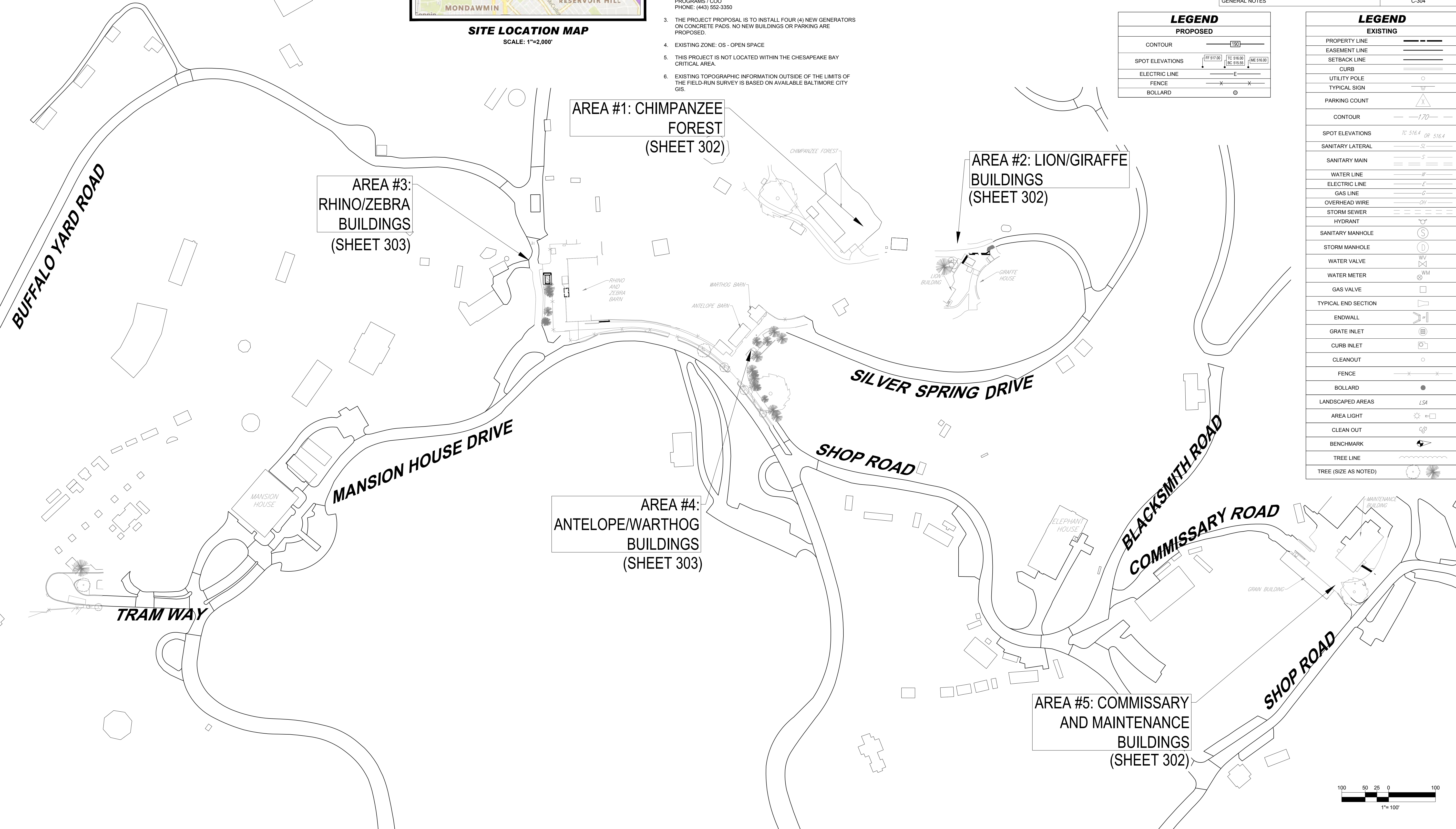
SHEET TITLE	SHEET NUMBER
OVERALL PLAN	C-301
AREA 1, 2, & 5 PROPOSED CONDITIONS	C-302
AREA 3 & 4 PROPOSED CONDITIONS AND DETAILS	C-303
GENERAL NOTES	C-304

**LEGEND**

PROPOSED	
CONTOUR	---
SPOT ELEVATIONS	FF 517.00 TO 518.00 BC 515.50 SE 516.00
ELECTRIC LINE	E
FENCE	X X
BOLLARD	o

**LEGEND**

EXISTING	
PROPERTY LINE	---
EASEMENT LINE	---
SETBACK LINE	---
CURB	---
UTILITY POLE	o
TYPICAL SIGN	▽
PARKING COUNT	△
CONTOUR	---
SPOT ELEVATIONS	TC 516.4 OR 516.4
SANITARY LATERAL	SL
SANITARY MAIN	S
WATER LINE	W
ELECTRIC LINE	E
GAS LINE	G
OVERHEAD WIRE	OH
STORM SEWER	SS
HYDRANT	HD
SANITARY MANHOLE	SM
STORM MANHOLE	SMH
WATER VALVE	WV
WATER METER	WM
GAS VALVE	GV
TYPICAL END SECTION	▽
ENDWALL	EW
GRATE INLET	GI
CURB INLET	CI
CLEANOUT	CO
FENCE	X X
BOLLARD	o
LANDSCAPED AREAS	LSA
AREA LIGHT	AL
CLEAN OUT	CO
BENCHMARK	BM
TREE LINE	TL
TREE (SIZE AS NOTED)	T



**REVISIONS**

REV	DATE	COMMENT	DRAWN BY	CHECKED BY



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PROJECT No.: MDA230132  
DRAWN BY: RF  
CHECKED BY: AH  
DATE: 09/06/2024  
CAD ID: SITE-0

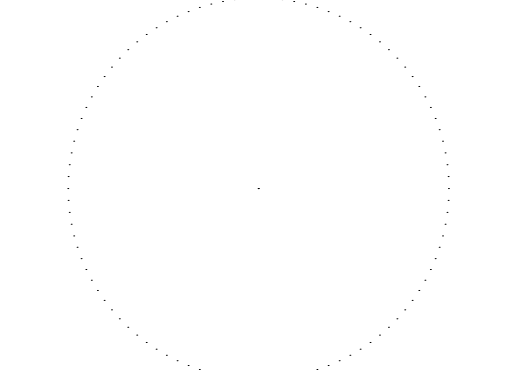
PROJECT:

**PLAN TO ACCOMPANY PERMIT FOR THE MARYLAND ZOO IN BALTIMORE**

ON A PORTION OF THE LANDS OF THE MAYOR & CITY COUNCIL  
1 SAFARI PLACE  
13TH WARD - SECTION 5  
BLOCK: 3499 LOT: 1  
CITY OF BALTIMORE, MARYLAND

**BOHLER**

901 DULANEY VALLEY ROAD, SUITE 801  
TOWSON, MARYLAND 21204  
Phone: (410) 821-7900  
Fax: (410) 821-7987  
MD@BohlerEng.com



SHEET TITLE:

**OVERALL PLAN**

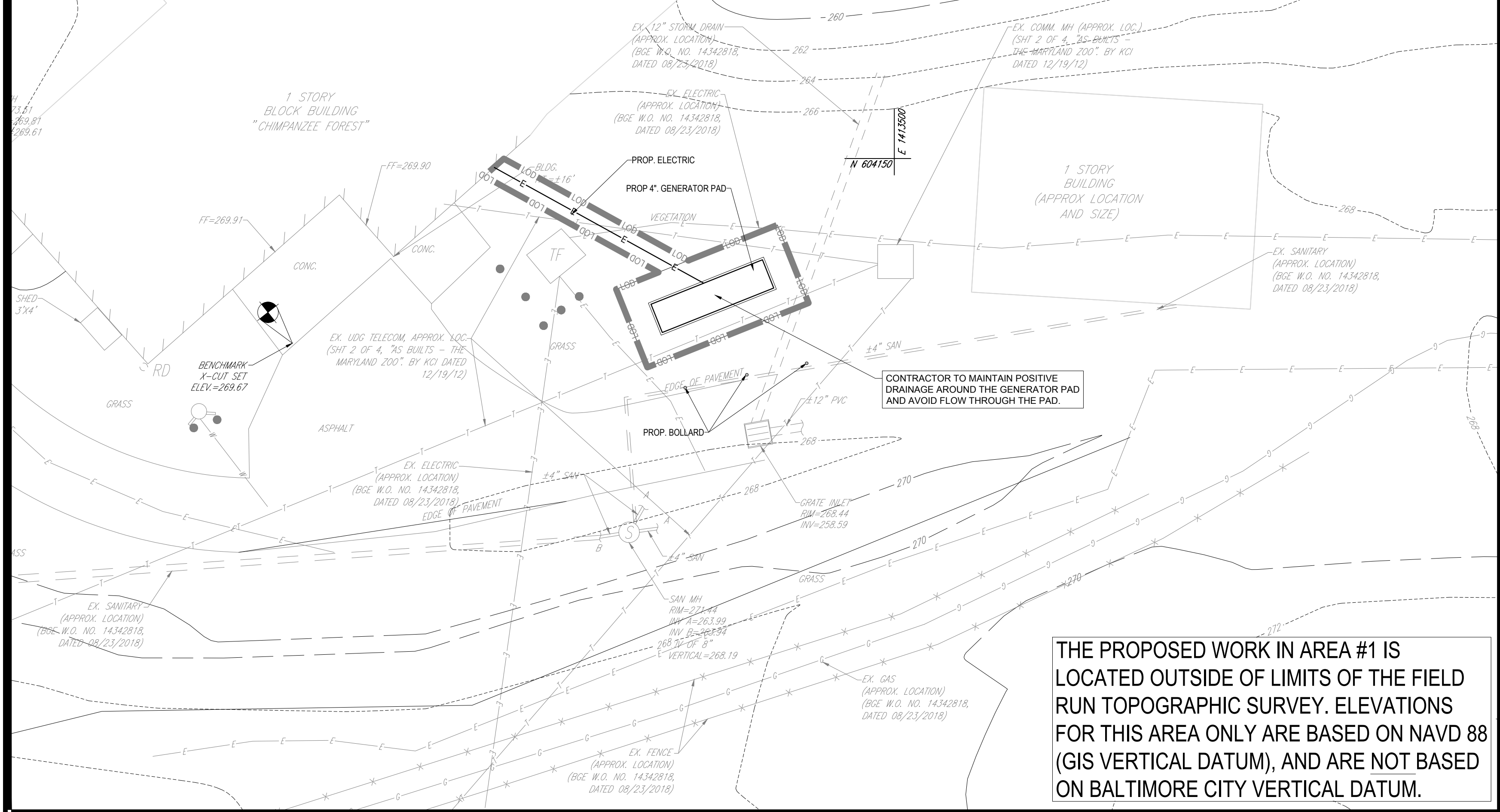
SHEET NUMBER:  
**C-301**

ORG. DATE - 09/06/2024

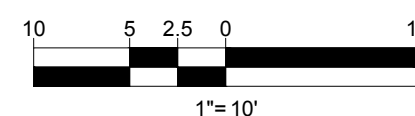


BASED ON BOHLER SURVEY AND OTHER RECORD DRAWINGS, THERE ARE EXISTING UNDERGROUND UTILITIES PRESENT IN THE VICINITY OF THE PROPOSED GENERATOR LOCATION FOR THE CHIMPANZEE FOREST.

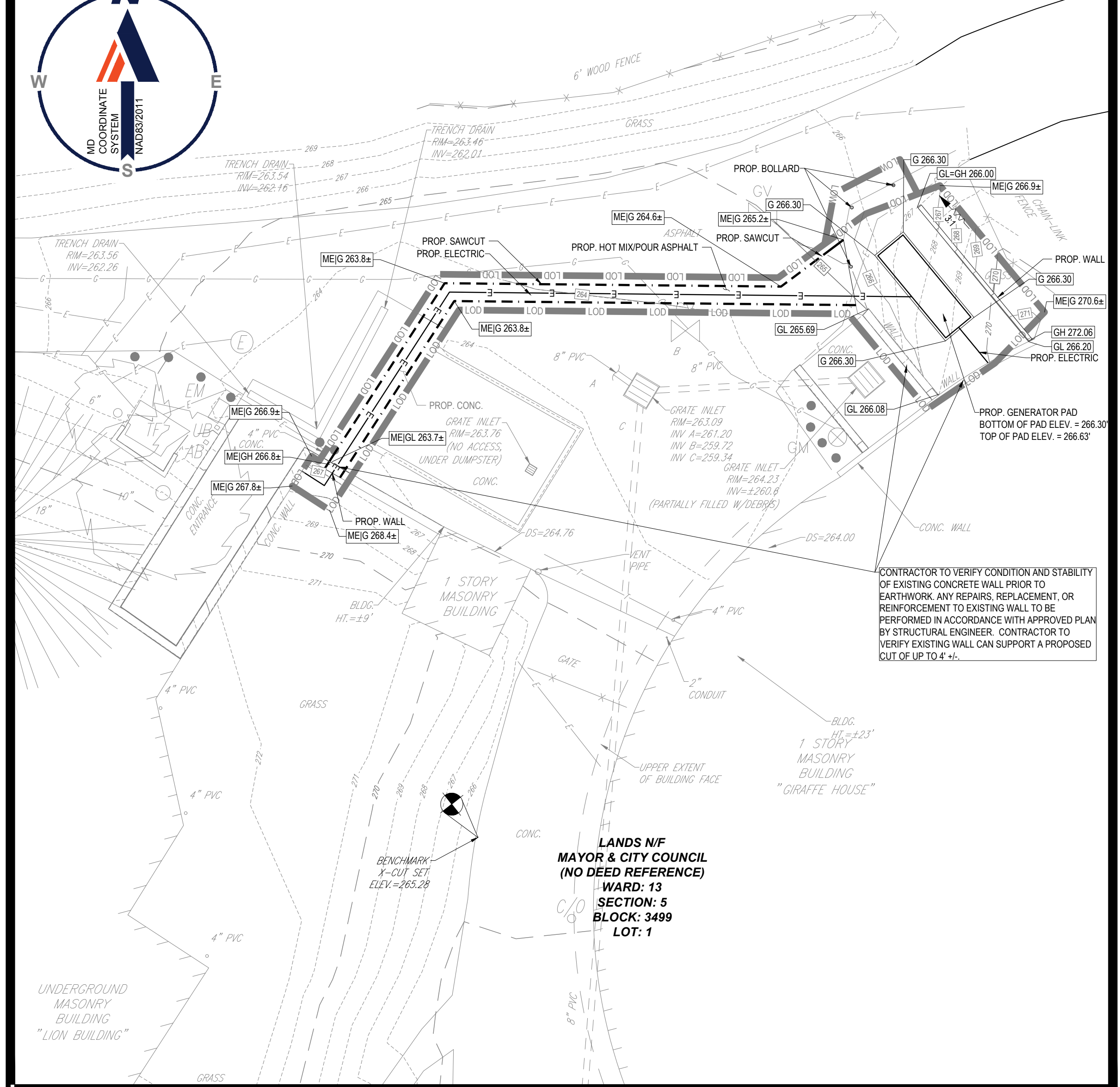
CONTRACTOR TO PERFORM DUE DILIGENCE AND FIELD-VERIFY THE LOCATION AND DEPTH OF EXISTING UNDERGROUND UTILITIES PRIOR TO EXCAVATION AND INSTALLATION OF THE PROPOSED GENERATOR AND PAD. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OR RELOCATION OF UTILITIES IF NEEDED.



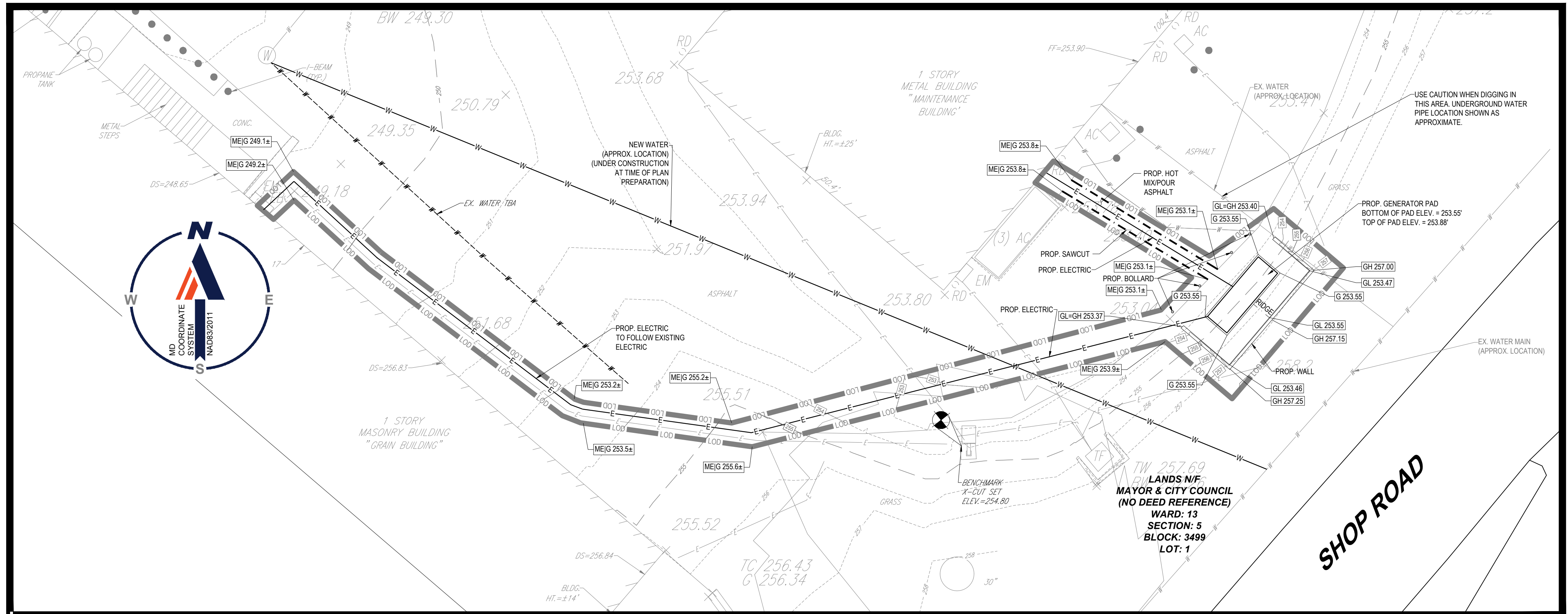
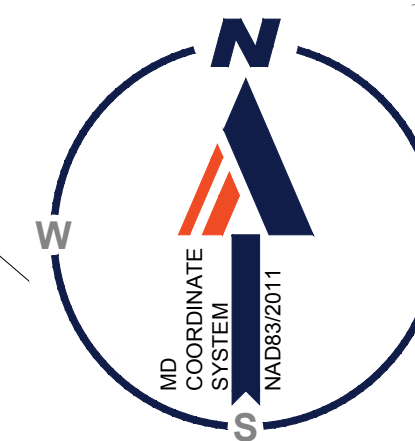
THE PROPOSED WORK IN AREA #1 IS LOCATED OUTSIDE OF LIMITS OF THE FIELD RUN TOPOGRAPHIC SURVEY. ELEVATIONS FOR THIS AREA ONLY ARE BASED ON NAVD 88 (GIS VERTICAL DATUM), AND ARE NOT BASED ON BALTIMORE CITY VERTICAL DATUM.



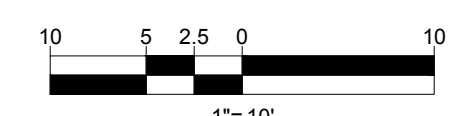
**AREA #1: CHIMPANZEE FOREST**  
AREA #1 LOD: ± 289 SF  
SCALE: 1" = 10'



**AREA #2: LION GIRAFFE BUILDINGS**  
AREA #2 LOD: ± 801 SF  
SCALE: 1" = 10'



**AREA #5: COMMISSARY AND MAINTENANCE BUILDINGS**  
AREA #5 LOD: ± 1,002 SF  
SCALE: 1" = 10'



**BOHLER**  
SITE CIVIL AND CONSULTING ENGINEERING  
PROGRAM MANAGEMENT  
LANDSCAPE ARCHITECTURE  
SUSTAINABLE DESIGN  
TRANSPORTATION SERVICES

**REVISIONS**

REV	DATE	COMMENT	DRAWN BY	CHECKED BY

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PROJECT No.: MDA230132  
DRAWN BY: RF  
DATE: 09/08/2024  
CAD ID: SITE-0

**PLAN TO ACCOMPANY PERMIT**  
FOR

**THE MARYLAND ZOO IN BALTIMORE**

ON A PORTION OF THE LANDS OF THE MAYOR & CITY COUNCIL  
1 SAFARI PLACE  
13TH WARD - SECTION 5  
BLOCK: 3499 LOT: 1  
CITY OF BALTIMORE, MARYLAND

**BOHLER**  
901 DULANEY VALLEY ROAD, SUITE 801  
TOWSON, MARYLAND 21204  
Phone: (410) 821-7900  
Fax: (410) 821-7987  
MD@BohlerEng.com

**AREA 1, 2, & 5 PROPOSED CONDITIONS**

**C-302**

ORG. DATE - 09/06/2024

8/15/24 10:24 AM BOHLER\NETISHARES\MOD-PROJECTS\2023\MDA230132\2024\DRAWINGS\PLAN SETS\PROPOSED CONDITIONS PLAN\PLAN-CIVIL-SITE6-LAYOUT-C-002 AREA 1 AND 2

**REVISIONS**

REV	DATE	COMMENT	DRAWN BY	CHECKED BY



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PROJECT No.: MDA230132  
 DRAWN BY: RF  
 CHECKED BY: AH  
 DATE: 09/06/2024  
 CAD ID: SITE 0

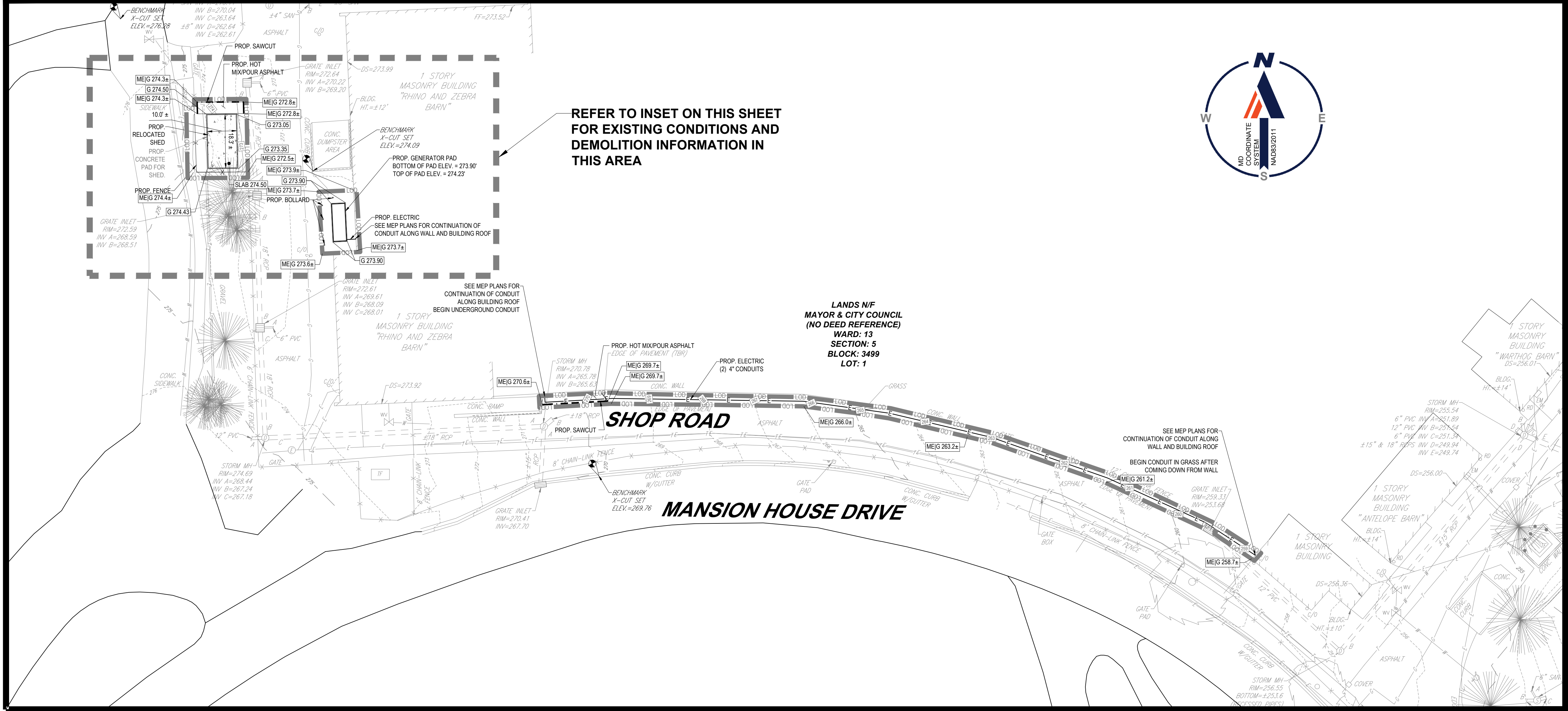
**PLAN TO ACCOMPLISH PERMIT FOR**

**THE MARYLAND ZOO IN BALTIMORE**  
 ON A PORTION OF THE LANDS OF THE MAYOR & CITY COUNCIL  
 1 SAFARI PLACE  
 13TH WARD - SECTION 5  
 BLOCK: 3499 LOT: 1  
 CITY OF BALTIMORE, MARYLAND

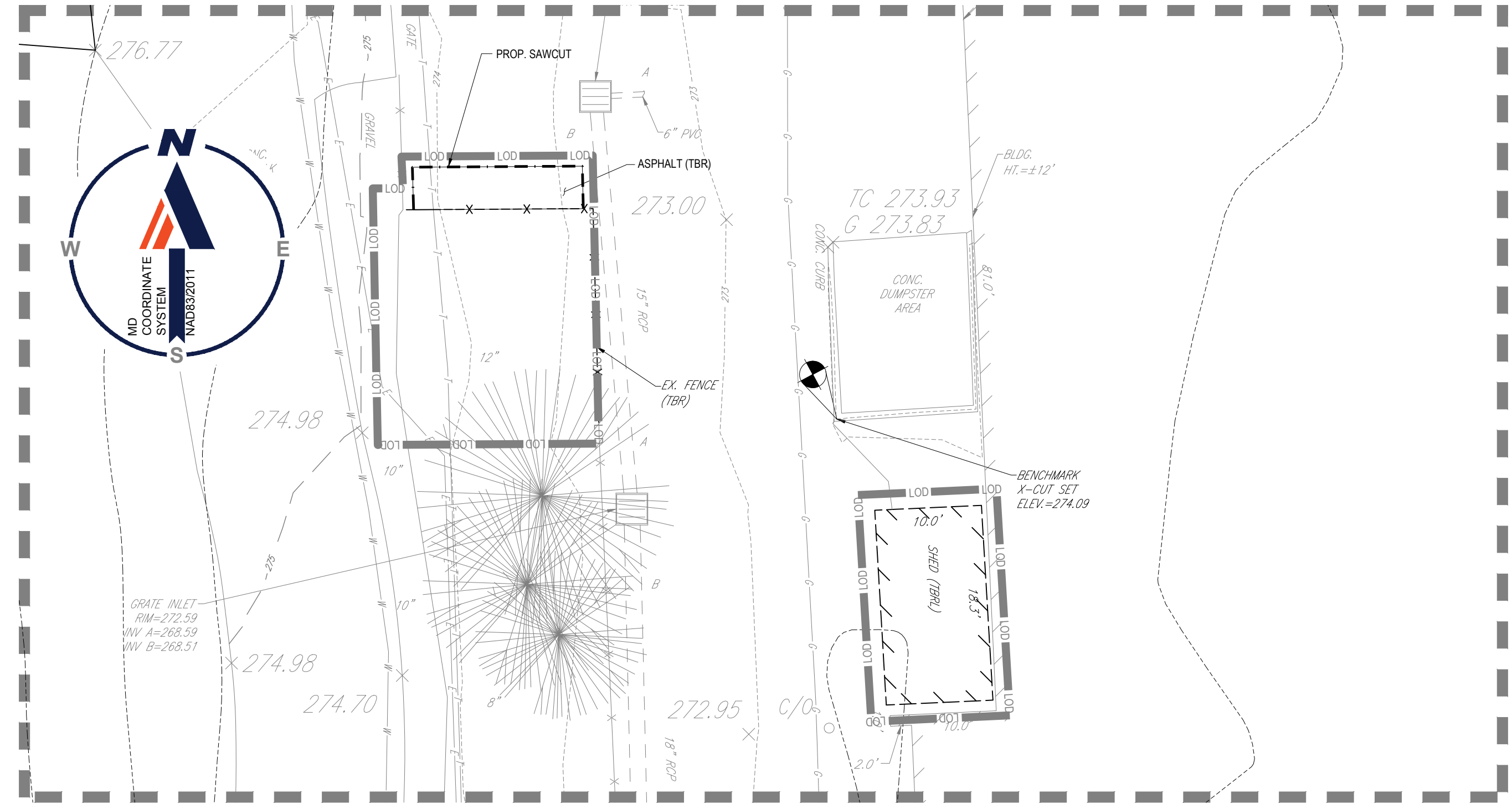
**AREA 3 & 4 PROPOSED CONDITIONS AND DETAILS**

SHEET NUMBER: **C-303**

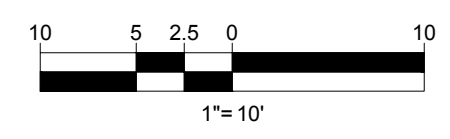
ORG. DATE - 09/06/2024



**AREA #3 AND #4: RHINO/ZEBRA AND ANTELOPE/WARTHOG BUILDINGS**



**EXISTING CONDITIONS AND DEMOLITION PLAN: AREA #3 RHINO/ZEBRAB**



NOTE: SEE MEP PLANS FOR CONCRETE GENERATOR PAD DETAILS AND SPECIFICATIONS

