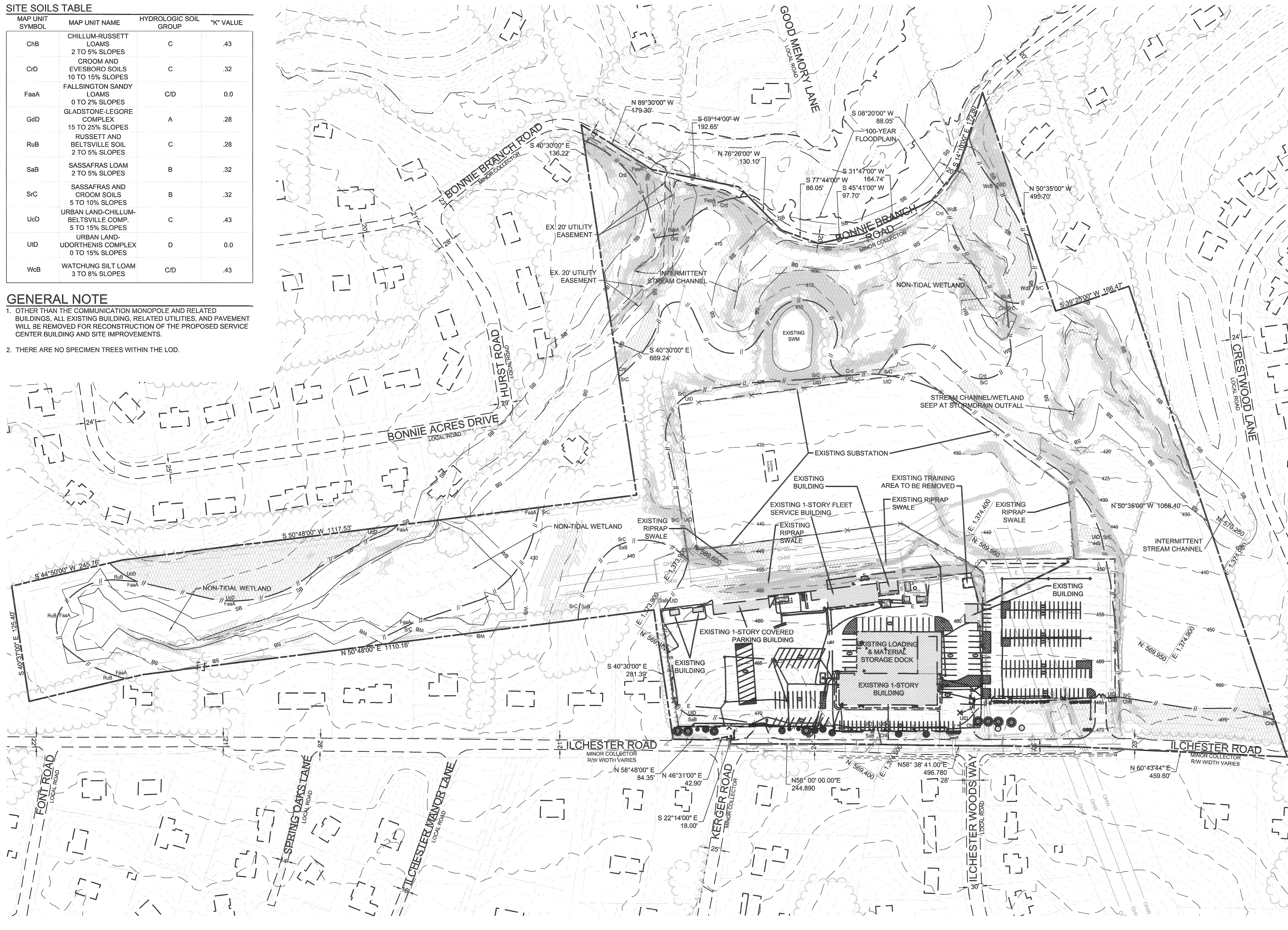


SITE SOILS TABLE

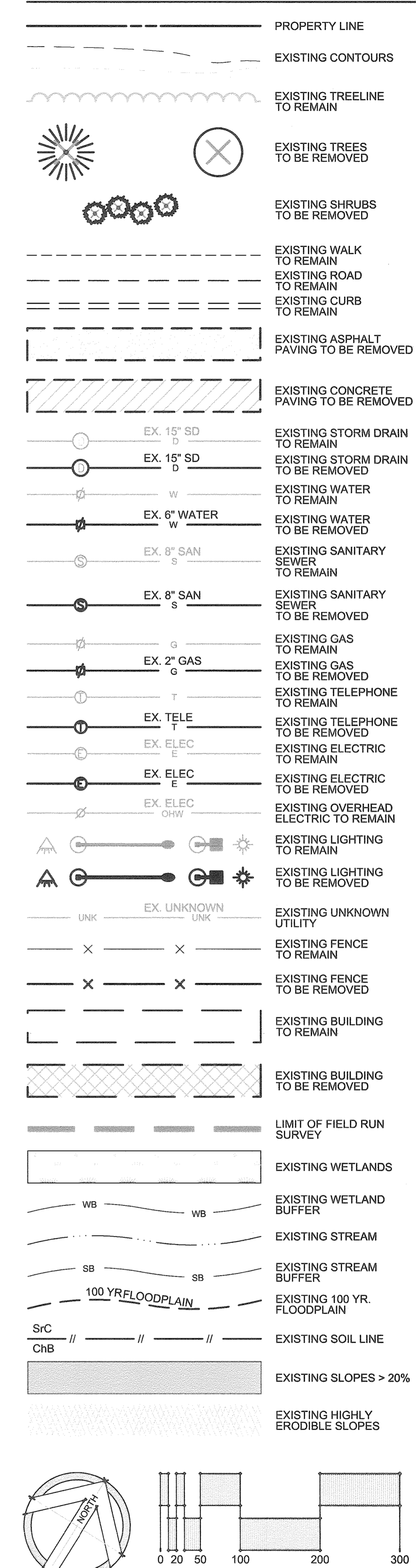
MAP UNIT SYMBOL	MAP UNIT NAME	HYDROLOGIC SOIL GROUP	"K" VALUE
ChB	CHILLUM-RUSSETT LOAMS 2 TO 5% SLOPES	C	.43
CrD	CROOM AND EVERSORO SOILS 10 TO 15% SLOPES	C	.32
FaaA	FALLSINGTON SANDY LOAMS 0 TO 2% SLOPES	C/D	0.0
GdD	GLADSTONE-LEGORE COMPLEX 15 TO 25% SLOPES	A	.28
RuB	RUSSETT AND BELTSVILLE SOIL 2 TO 5% SLOPES	C	.28
SaB	SASSAFRAS LOAM 2 TO 5% SLOPES	B	.32
SrC	SASSAFRAS AND CROOM SOILS 5 TO 10% SLOPES	B	.32
UcD	URBAN LAND-CHILLUM-BELTSVILLE COMP. 5 TO 15% SLOPES	C	.43
UdD	URBAN LAND-UDORTHENIS COMPLEX 0 TO 15% SLOPES	D	0.0
WcB	WATCHUNG SILT LOAM 3 TO 8% SLOPES	C/D	.43

GENERAL NOTE

- OTHER THAN THE COMMUNICATION MONOPOLE AND RELATED BUILDINGS, ALL EXISTING BUILDING, RELATED UTILITIES, AND PAVEMENT WILL BE REMOVED FOR RECONSTRUCTION OF THE PROPOSED SERVICE CENTER BUILDING AND SITE IMPROVEMENTS.
- THERE ARE NO SPECIMEN TREES WITHIN THE LOD.



LEGEND

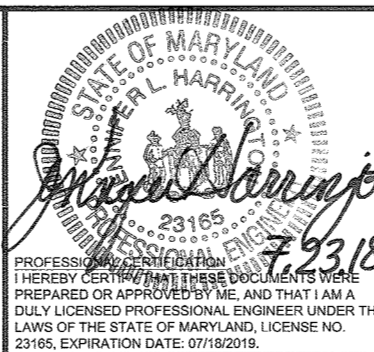


Z:\1616107-BGE Howard Service Center\04-DWG-ECP-FILES\ECP-002 Existing Condition Plan.dwg-ECP-002 Jul 20, 2018 10:38am hnw

APPROVED: DEPARTMENT OF PLANNING & ZONING
 Chief, Development Engineering Division
 Chief, Division of Land Development

BALTIMORE GAS & ELECTRIC
 BGE HOWARD SERVICE CENTER
 5130 ILCHESTER ROAD
 ELLICOTT CITY, MD 21043
 ATTN: CHRISTA WILLIAMS, 410-470-5032

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No.	Date	Description

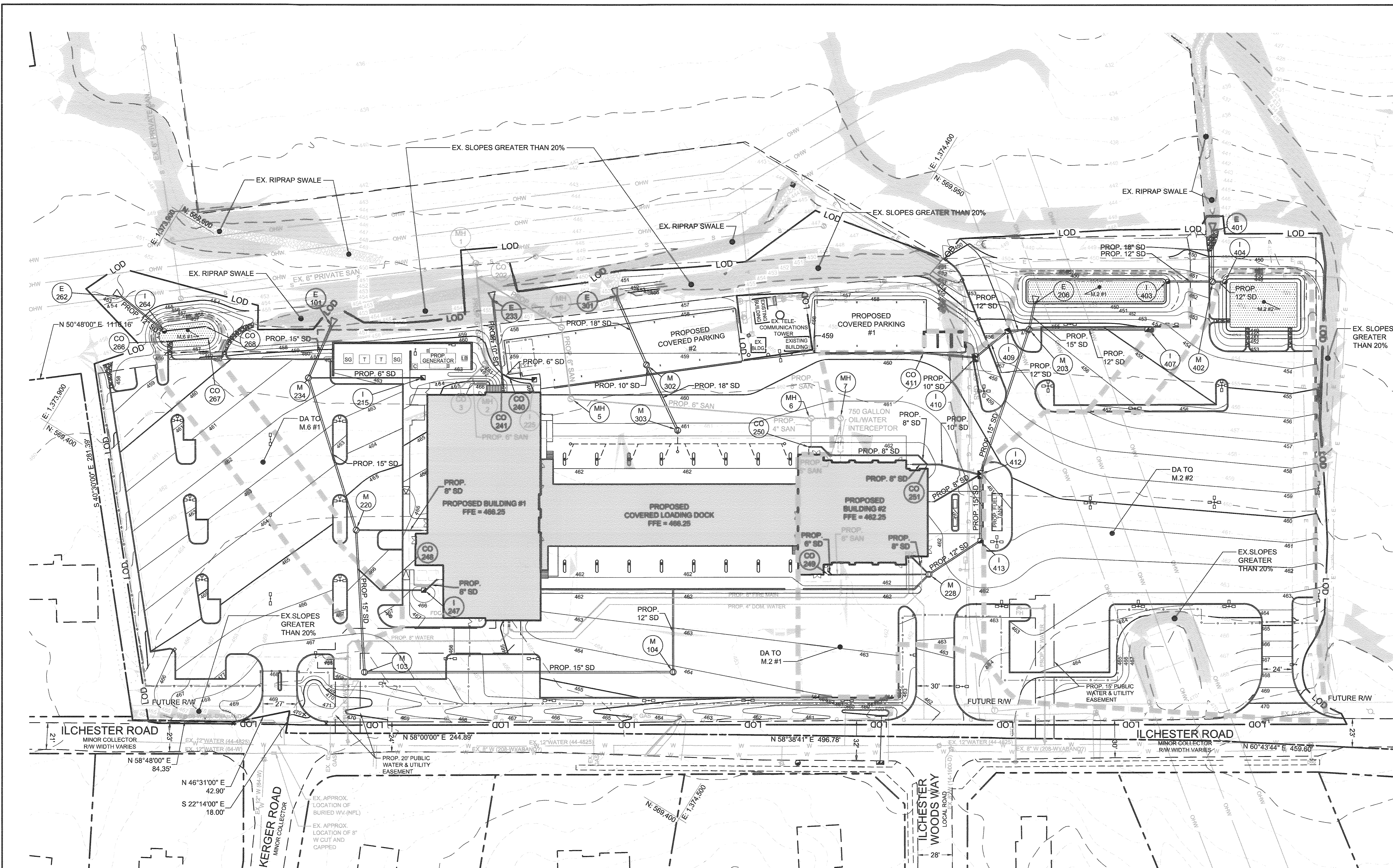
ADDRESS CHART	
MAP/GRID/PARCEL	STREET ADDRESS
MAP 0031/GRID 0020 PARCEL 0557	5130 ILCHESTER RD., ELLICOTT CITY, MD 21043

PERMIT INFORMATION CHART			
PROJECT NAME	SECTION/AREA	LOT/PARCEL NO.	ECP EXISTING CONDITIONS PLAN
BGE HOWARD SERVICE CENTER	N/A	-/557	ECP-002
PLAT # OR L/F	GRID #	ZONING	TAX MAP NO. ELECT DISTRICT CENSUS TRACT
00140/00451	20	R-20	0031 1st 601104
WATER CODE	SEWER CODE	PROPERTY IMPROVEMENT NEW SERVICE CENTER AND FLEET MAINTENANCE BUILDINGS	
550	-		

ECP EXISTING CONDITIONS PLAN
ECP-002
 SHEET 2 OF 4
 ECP-18-038

LEGEND

- PROPERTY LINE
- EXISTING CONTOURS
- EXISTING TREELINE
- EXISTING WALK
- EXISTING ROAD
- EXISTING CURB
- EX. 15" SD
- EXISTING WATER
- EX. 8" SAN
- EXISTING GAS
- EX. ELEC
- EXISTING ELECTRIC
- EX. ELEC OHW
- EXISTING OVERHEAD ELECTRIC
- EXISTING FENCE
- EXISTING BUILDING
- PROPOSED CURB
- PROPOSED RETAINING WALL
- PROPOSED FENCE
- PROPOSED BUILDING
- EXISTING SLOPES > 20%
- PROP. 15" SD
- PROP. 6" WATER
- PROP. 8" SAN
- PROP. 2" GAS
- PROP. TELE
- PROP. ELEC
- PROPOSED LIGHTING
- PROPOSED DRAINAGE AREA



SITE AREA TABULATION

SWM STUDY AREA	= 8.2 +/- Ac
EX. IMPERVIOUS AREA	= 6.48 +/- Ac >40%
PROP. IMPERVIOUS AREA	= 5.75 +/- Ac
TARGET Pe	= 1.0 inches

TREATMENT SUMMARY TABLE

ESD PRACTICE	DRAINAGE AREA (AC)	IMP. AREA (AC)	ESD VOL. PROVD (CF)	Pe (IN)
M.2 #1	1.19	1.04	3,806	1.1
M.2 #2	1.71	1.24	5,024	1.1
M.6 #1	0.31	0.26	941	1.0
TOTAL PROVIDED	2.54	2.54	9,771	1.1
REQUIRED	2.51	2.51	8,655	1.0

DEVELOPER'S CERTIFICATE
 I WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR SEDIMENT AND EROSION CONTROL, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.

Cheryl... 7/24/18
 DATE

ENGINEER'S CERTIFICATE
 I CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Jennifer Harrington 7/25/18
 JENNIFER HARRINGTON, P.E. - ENGINEER
 DATE

APPROVED: DEPARTMENT OF PLANNING & ZONING

Chad Edmond
 CHIEF, DEVELOPMENT ENGINEERING DIVISION 8/16/18
 DATE

Keith...
 CHIEF, DIVISION OF LAND DEVELOPMENT 8/16/18
 DATE

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STATE OF MARYLAND
 PROFESSIONAL ENGINEER
Jennifer Harrington
 7-25-18
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 23145, EXPIRATION DATE: 07/18/2019.

ADDRESS CHART

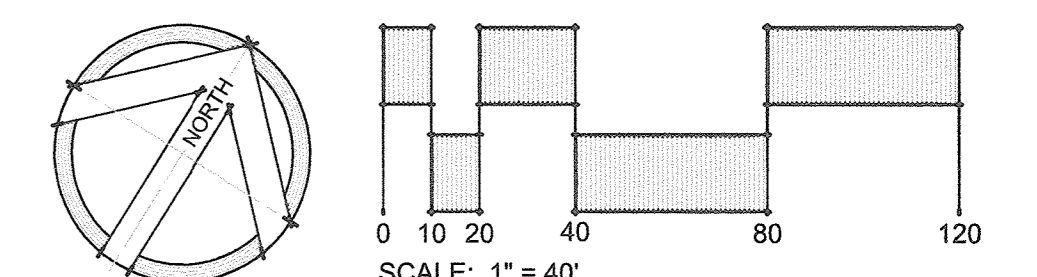
MAP/GRID/PARCEL	STREET ADDRESS
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PERMIT INFORMATION CHART

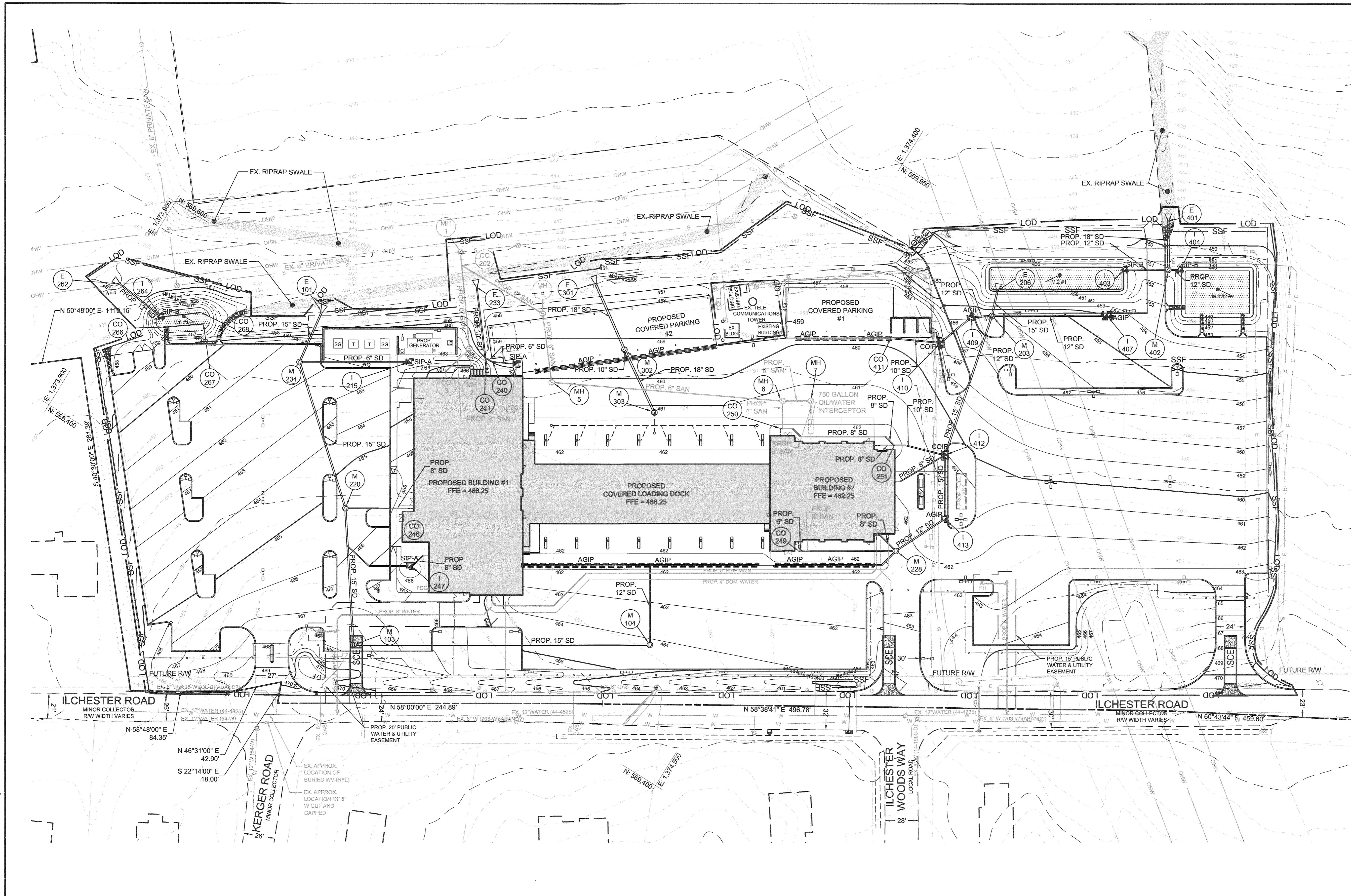
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BGE HOWARD SERVICE CENTER	N/A	-/557
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WATER CODE	SEWER CODE	PROPERTY IMPROVEMENT NEW SERVICE CENTER AND FLEET MAINTENANCE BUILDINGS
550	--	

ECP CONCEPT SWM PLAN

ECP-003
 SHEET 3 OF 4
 ECP-18-038



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LEGEND	
	PROPERTY LINE
	EXISTING CONTOURS
	EXISTING TREELINE
	EXISTING WALK
	EXISTING ROAD
	EXISTING CURB
	EXISTING 15" SD
	EXISTING WATER
	EXISTING 8" SAN
	EXISTING GAS
	EXISTING TELEPHONE
	EXISTING ELECTRIC
	EXISTING OVERHEAD ELECTRIC
	EXISTING FENCE
	EXISTING BUILDING
	PROPOSED CURB
	PROPOSED RETAINING WALL
	PROPOSED FENCE
	PROPOSED BUILDING
	PROPOSED 15" SD
	PROPOSED STORM DRAIN
	PROPOSED CONTOURS
	SSF
	SUPER SILT FENCE
	AGIP
	COIP
	SIP-A
	SIP-B
	INLET PROTECTION
	LOD
	LIMITS OF DISTURBANCE
	SCE
	STABILIZED CONSTRUCTION ENTRANCE
	TAB
	ASPHALT BERM
	PROPOSED 15" SD
	PROPOSED STORM DRAIN
	PROPOSED 6" WATER
	PROPOSED WATER
	PROPOSED 8" SAN
	PROPOSED SANITARY SEWER
	PROPOSED 2" GAS
	PROPOSED GAS
	PROPOSED TELE
	PROPOSED TELEPHONE
	PROPOSED ELEC
	PROPOSED ELECTRIC
	PROPOSED LIGHTING

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Chapman 7/25/18
 DATE

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Jennifer Harrington 7/25/18
 JENNIFER HARRINGTON, P.E. - ENGINEER
 DATE

APPROVED: DEPARTMENT OF PLANNING & ZONING
Neil Wilson
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
Katherine
 CHIEF, DIVISION OF LAND DEVELOPMENT

BALTIMORE GAS & ELECTRIC
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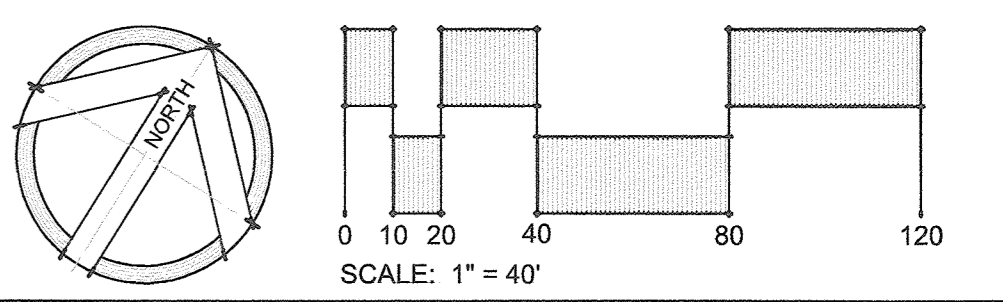


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ECP CONCEPT ESC PLAN
ECP-004
 SHEET 4 OF 4
 ECP-18-038



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