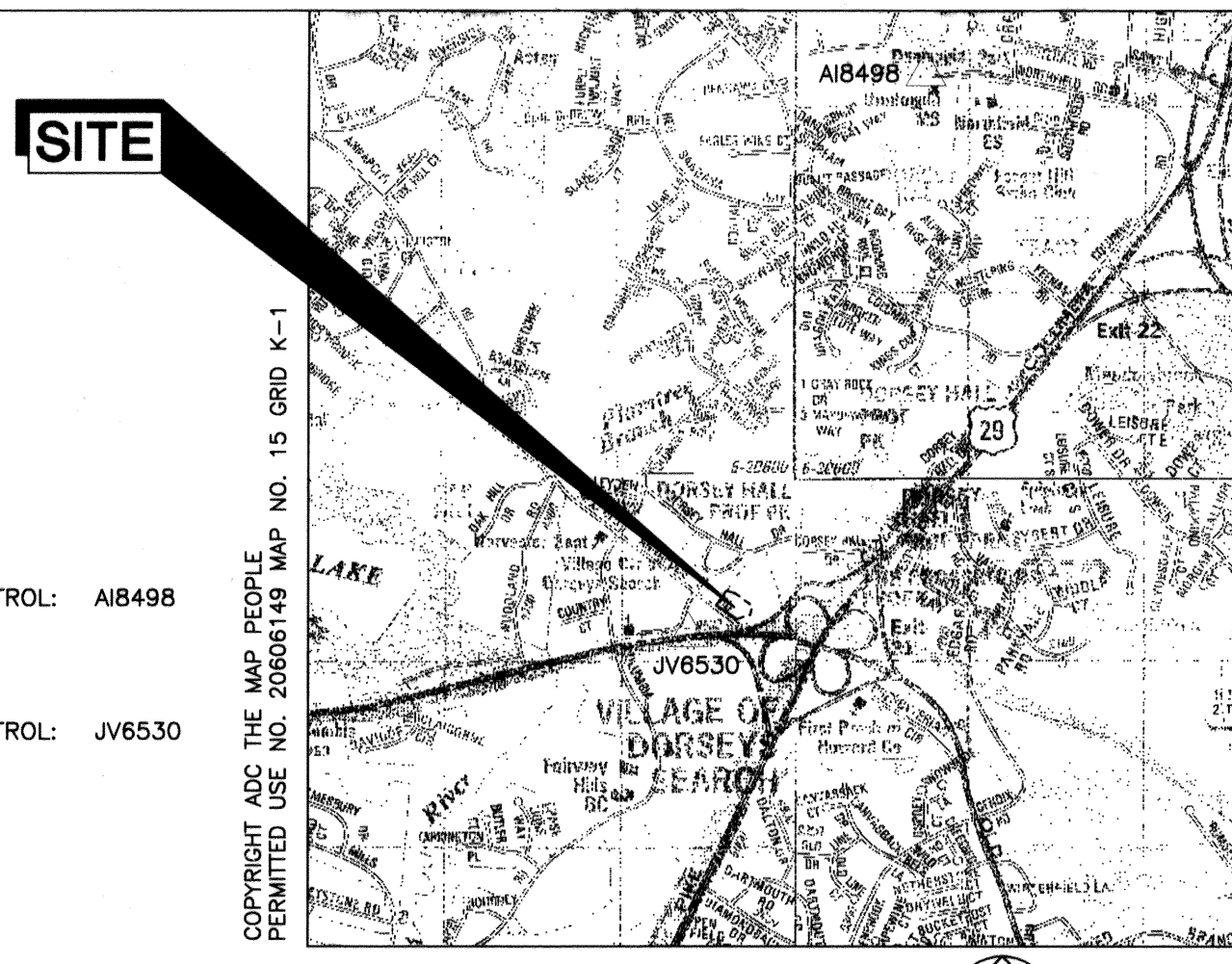


GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS IF APPLICABLE.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/ CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO START OF WORK.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 811 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
- NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED OUTSIDE OF THE LIMIT OF DISTURBANCE.
- THE COORDINATES SHOWN HEREON ARE BASED UPON HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENTS NOS. A18498 AND JV6530 WERE USED FOR THIS PROJECT.
- WATER SERVICE IS NOT PROPOSED AT THIS SITE.
- SEWER SERVICE IS NOT PROPOSED AT THIS SITE.
- STORMWATER MANAGEMENT IS NOT REQUIRED AT THIS SITE DUE TO AN AREA OF DISTURBANCE UNDER 5000 SF. BOUNDARY AND TOPOGRAPHY SHOWN HEREON IS BASED ON FIELD SURVEY BY MORRIS AND RITCHE ASSOCIATES, INC., DATED OCTOBER 2007.
- A TRAFFIC STUDY IS NOT REQUIRED FOR THIS SITE AS THE PROPOSED SITE WILL BE UNOCCUPIED WITH INFREQUENT VISITS (ONE PER MONTH).
- CONTRACTOR IS RESPONSIBLE FOR ALL SITE CONDITIONS, CONSTRUCTION REQUIREMENTS, AND SHALL CONFORM TO ALL STATE, FEDERAL, AND COUNTY CONSTRUCTION REGULATIONS. THE CONTRACTOR IS NOT RELIEVED OF RESPONSIBILITY SHOULD ANY REQUIRED ITEMS PERTAINING TO SITE CONSTRUCTION NOT BE INCLUDED ON THESE PLANS. CONTRACTOR IS RESPONSIBLE FOR ALL ITEMS NECESSARY TO COMPLETE THE SITE IMPROVEMENTS AS SHOWN ON THESE PLANS.
- LOCATIONS OF EXISTING UTILITIES WERE OBTAINED FROM THE BEST AVAILABLE RECORDS. CONTRACTOR SHALL VERIFY TO HIS/HER SATISFACTION, THE FIELD LOCATIONS OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY WORK.
- ANY DAMAGE TO EXISTING UTILITIES, PAVEMENT, OR CURB AND GUTTER DUE TO CONSTRUCTION ACTIVITY OUTSIDE THE LIMITS OF DISTURBANCE IS TO BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY PROPERTY MONUMENTS, MARKERS, SIGNS, LIGHTS, OR ANY OTHER EXISTING SITE FEATURES DISTURBED DURING CONSTRUCTION.
- ALL WORK SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF THE "1994 STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROLS" PUBLISHED JOINTLY BY THE WATER RESOURCES ADMINISTRATION, SOIL CONSERVATION SERVICE, AND STATE SOIL CONSERVATION COMMITTEE.
- THE SUBJECT PROPERTY IS ZONED POR PER THE 2/2/04 COMPREHENSIVE ZONING PLAN AND PER THE "COMP LITE" ZONING AMENDMENTS EFFECTIVE 7/28/06.
- THIS PLAN IS EXEMPT FROM THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION, PER SECTION 16.1202 (b)(1)(i) FOR DEVELOPMENT ON A SINGLE LOT OF ANY SIZE IF IT IS IN COMPLIANCE WITH A PREVIOUSLY APPROVED FOREST CONSERVATION PLAN AND NO NEW OBLIGATION IS CREATED. THE PROPOSED LOD DOES NOT EXTEND BEYOND THE LOD FROM WP-95-61, WHICH GRADED THE ENTIRE SITE.
- A GEO-TECHNICAL STUDY WAS NOT CONDUCTED FOR THIS SITE.
- ALL COMPACTED FILL SHALL BE IN ACCORDANCE WITH AASHTO T-180 REQUIREMENTS.
- NO EXTERIOR LIGHT IS PROPOSED AT THIS SITE.
- THERE ARE NO NATURAL STEEP SLOPES (25% OR >), WITHIN THE PROJECT AREA.
- TRASH DISPOSAL IS NOT REQUIRED AS THE PROPOSED FACILITY IS TO BE UNOCCUPIED.
- PROPOSED BUILDING WILL NOT HAVE SPRINKLERS.
- THE PROPOSED DEVELOPMENT SHOWN IN THIS PLAN INCLUDES THE INSTALLATION OF A 12'x30' EQUIPMENT SHELTER AT GRADE THAT WILL BE FENCED IN FOR SECURITY PURPOSES. TWELVE (12) ANTENNAS WILL BE INSTALLED ON A NEW 120' MONOPOLE TOWER. THE PROPOSED FACILITY WILL BE UNOCCUPIED, WITH INFREQUENT VISITS (ONE PER MONTH).
- THE APPLICANT SHALL BE RESPONSIBLE FOR THE PERMITTING OF THIS WORK WITH HOWARD COUNTY PRIOR TO CONSTRUCTION.
- NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING, AND NEW STRUCTURES SHALL BE PERMITTED WITHIN THE REQUIRED WETLANDS, STREAM(S) OR THEIR BUFFERS, FOREST CONSERVATION EASEMENT AREAS AND 100 YEAR FLOODPLAIN.
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
 - WIDTH - 12' (16' SERVING MORE THAN ONE RESIDENCE)
 - SURFACE - 6" OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING (1 1/2" MIN)
 - GEOMETRY - MAXIMUM 10% GRADE CHANGE, AND MINIMUM 45' TURNING RADIUS
 - STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING)
 - DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE
 - MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.
- THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL. SURVEY IS NOT REQUIRED FOR THE LANDSCAPING UNLESS A GRADING PERMIT IS REQUIRED.
- WP-95-61 WAS APPROVED TO ALLOW MASS GRADING AND STOCKPILING ON THE SUBJECT PROPERTY.
- IN ACCORDANCE WITH SECTION 128.E.2.c (SUPPLEMENTAL ZONING DISTRICT REGULATIONS) OF THE ZONING REGULATIONS, EACH 5TH YEAR AFTER THE FACILITY BECOMES OPERATIONAL, THE FACILITY OPERATOR SHALL CONDUCT A SAFETY INSPECTION IN ACCORDANCE WITH ELECTRONICS INDUSTRIES STANDARD REFERENCE NUMBER 222E AS REFERENCED IN THE HOWARD COUNTY BUILDING CODE, AND RADIATION LEVEL INSPECTION OF THE FACILITY AND, WITHIN 60 DAYS OF THE INSPECTION, FILE A REPORT WITH THE DIRECTOR OF INSPECTIONS, LICENSES AND PERMITS AT THE HEALTH OFFICE.
- IN ACCORDANCE WITH SECTION 128.E.3.a-c OF THE ZONING REGULATIONS, THE COMMUNICATION TOWER SHALL BE GRAY OR SIMILAR COLOR THAT MINIMIZES VISIBILITY, UNLESS A DIFFERENT COLOR IS REQUIRED BY THE FCC OR FAA; NO SIGNALS OR LIGHTS SHALL BE PERMITTED ON TOWERS UNLESS REQUIRED BY THE FCC OR FAA; AND A COMMUNICATION TOWER THAT IS NO LONGER USED SHALL BE REMOVED FROM THE SITE WITHIN ONE YEAR OF THE DATE THAT USE CEASES.
- THE 16' PRIVATE ACCESS EASEMENT IS PART OF THE LEASE DOCUMENT WHICH WILL BE EXECUTED BY HOWARD COUNTY AND VERIZON WIRELESS.
- THE EXISTING TOPOGRAPHY IS TAKEN FROM A FIELD RUN SURVEY WITH 2' CONTOUR INTERVALS PREPARED BY MORRIS AND RITCHE ASSOCIATES, INC. DATED OCTOBER 2007.
- A DESIGN MANUAL WAIVER REQUEST, IN WRITING VOL. III, SECTION 2.6.C, TO ALLOW A GRAVEL DRIVEWAY, WAS DENIED BY ENGINEERING ON 4/22/08.
- THE PROPOSED TOWER SHALL PROVIDE ADDITIONAL CELLULAR COVERAGE TO THE DUNLOGGIN AREA OF ELLICOTT CITY.

SITE DEVELOPMENT PLAN VERIZON WIRELESS DUNLOGGIN

2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND SDP-08-072

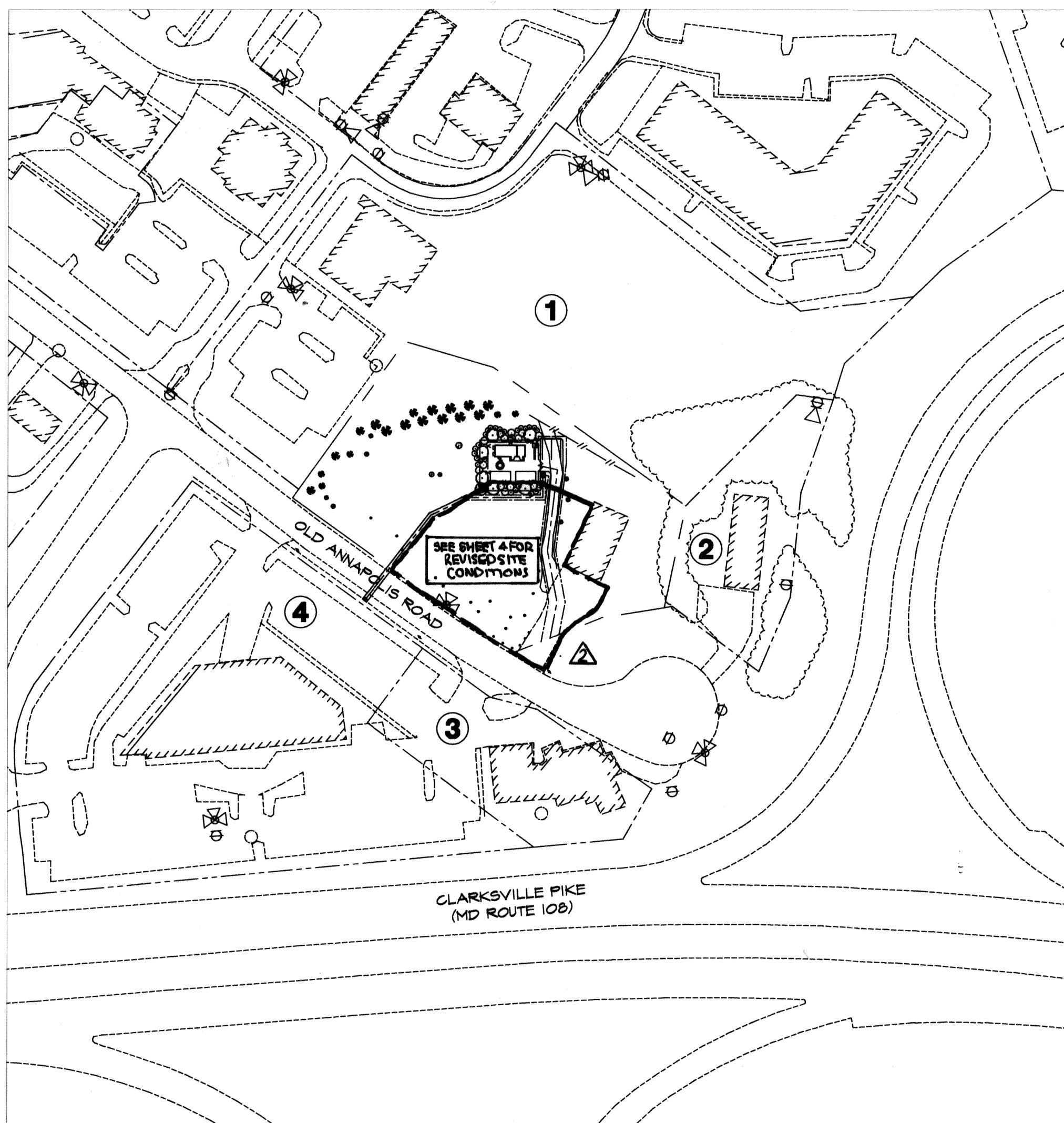


BENCHMARKS

GEODETIC SURVEY CONTROL: A18498	N 579,167.07
	E 1,360,260.18
	ELEVATION: 357.00
GEODETIC SURVEY CONTROL: JV6530	N 572,932.93
	E 1,358,297.81
	ELEVATION: 402.90

SITE NOTES

- APPLICANT: VERIZON WIRELESS
9000 JUNCTION DRIVE
ANNAPOLIS JUNCTION, MD 20701
TEL 301-512-2000
FAX 301-512-2186
- APPLICANT'S ATTORNEY: JEFF BARNES
2 HOPKINS PLAZA
BALTIMORE, MARYLAND 21201
(410) 244-7874
- PROPERTY OWNER: HOWARD COUNTY OF MARYLAND
DEPARTMENT OF PUBLIC WORKS
3430 COURT HOUSE DRIVE
ELLICOTT CITY, MARYLAND 21043-4300
- SITE DATA: MAP: 30, GRID: 10, PARCEL: 408
DEED REF: 1710 / 633
SDAT ACCOUNT NO: 02-317877
TRACT AREA: 1.612 AC (70213.49 SF)
ADDRESS: 9504 OLD ANNAPOLIS ROAD
ELLICOTT CITY, MARYLAND 21042
EXISTING USE: SALT DOME, COMMUNICATIONS TOWER
- HORIZONTAL AND VERTICAL CONTROL SHOWN HEREON IS BASED ON A GPS LATITUDE BY MORRIS & RITCHE ASSOCIATES, INC. DATED OCTOBER 20, 2007.
SOURCE: NAD83
LATITUDE: N39° 14' 28.94"
LONGITUDE: W76° 50' 25.58"
GROUND ELEVATION: 393.0' AMSL (AVG.)
PROPOSED STRUCTURE HEIGHT: 120.00' AGL
HEIGHT ABOVE MEAN SEA LEVEL: 513.00' AMSL
- TOTAL DISTURBED AREA = 4,800 SF (0.11 AC. +/-)
- THE PROPOSED FACILITIES WILL CONSIST OF ONE (1) 30' LONG X 11'-7" WIDE X 10'-7" HIGH UNOCCUPIED COMMUNICATION EQUIPMENT SHELTER WITHIN A PROPOSED 40'x50' FENCED COMPOUND. TWELVE (12) ANTENNAS SHALL BE MOUNTED ON A PROPOSED 120'-0" MONOPOLE WITH A RAD CENTER AT AN ELEVATION OF 120'-0" ABOVE GRADE LEVEL FOR THE RECEPTION OF VERIZON WIRELESS TELECOMMUNICATIONS. SIX (6) ANTENNAS SHALL BE 70.87' HIGH AND SIX (6) ANTENNAS SHALL BE 51' HIGH. SHELTER FLOOR AREA = 360 SF.
- THE STRUCTURE WILL NOT SUPPORT LIGHTS OR SIGNS UNLESS REQUIRED FOR AIRCRAFT WARNING OR OTHER SAFETY RECORDS.
- THE APPLICANT WILL PROVIDE A CERTIFICATION FROM A REGISTERED ENGINEER THAT THE STRUCTURE WILL MEET THE APPLICABLE DESIGN STANDARDS FOR WIND LOADS, OF THE ELECTRONIC INDUSTRIES ASSOCIATES (EIA).
- IF THE ANTENNAS ARE NO LONGER USED FOR TELECOMMUNICATIONS PURPOSES FOR A CONTINUOUS PERIOD OF SIX (6) MONTHS, THEY SHALL BE REMOVED BY THE ANTENNA OWNER AT OWNER'S EXPENSE.
- NO WATER OR SANITARY UTILITIES ARE REQUIRED FOR THE OPERATION OF THIS FACILITY.
- STORMWATER MANAGEMENT NOTE: NO STORMWATER MANAGEMENT IS REQUIRED FOR THIS SITE. **ADDITIONAL LOD OF 4900SF FOR THE ADDITION OF THE BRINE SHED, DRIVEWAY, AND UTILITIES.**
- NO OUTDOOR STORAGE, LIGHTING, OR WASTE STORAGE WILL BE REQUIRED FOR THIS SITE.
- THE EXTERIOR OF THE SHELTER SHALL BE PAINTED AS SPECIFIED BY THE OWNER.
- BOUNDARY SHOWN PER COUNTY RECORDS. EXISTING SITE FEATURES SHOWN PER SITE SURVEY BY MORRIS & RITCHE ASSOCIATES, INC. ON OCTOBER 10, 2007.
- THIS PLAN PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT. PLAN IS SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.
- ALL DETAILS SHOWN ARE "STANDARD" OR "TYPICAL" FOR REFERENCE ONLY. FOR ACTUAL DETAILS, SEE ARCHITECTURAL, STRUCTURAL, OR CONSTRUCTION PLANS BY OTHERS.
- THE COMMUNICATION SHELTER SHALL BE UNMANNED, WITH INFREQUENT VISITS (FOUR OR FEWER PER YEAR) BY MAINTENANCE PERSONNEL, AND WITH ACCESS AND PARKING FOR NO MORE THAN ONE VEHICLE. THE PROPOSED FACILITY IS NOT FOR HUMAN HABITATION AND THEREFORE HANDICAP ACCESS IS NOT REQUIRED.
- THE PROPOSED COMMUNICATIONS SHELTER, ANTENNAS AND RELATED MOUNTING DEVICES DO NOT EXCEED TWELVE (12) FEET IN TOTAL HEIGHT.



LOCATION MAP
SCALE: 1" = 100'

SHEET INDEX

1	COVER SHEET	4	C-200	SITE & GRADING PLAN
2	COLUMBIA ASSOCIATION, INC.	5	C-201	UTILITY PLAN
3	DETAILS	6	C-210	SITE & UTILITY DETAILS
		7	C-300	EROSION AND SEDIMENT CONTROL PLAN
		8	C-310	EROSION AND SEDIMENT CONTROL NOTES & DETAILS
		9	C-400	PLOT PLAN
		10	A-100	BRINE SHED ELEVATIONS AND PAD DETAIL

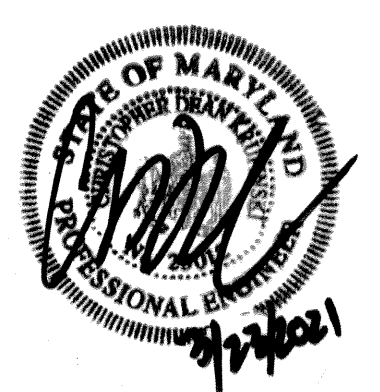
ADDRESS CHART

PARCEL #	STREET ADDRESS
408	9504 OLD ANNAPOLIS ROAD

ADJACENT PROPERTY CHART

NO.	OWNER	TAX MAP
1	COLUMBIA ASSOCIATION, INC.	30
2	HOWARD COUNTY LAND ACQUISITION	30
3	OLD ANNAPOLIS PROPERTIES, LLC	30
4	CNL RETIREMENT MOP COLUMBIA, MD LP	30

PROFESSIONAL CERTIFICATION
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. 210-12
EXPIRATION DATE: APRIL 1, 2021



CONSTRUCTION NOTES

- CONTRACTOR SHALL NOTIFY "MISS UTILITY" (811) 48 HOURS PRIOR TO DOING ANY EXCAVATION IN THIS AREA. CONTRACTOR SHALL CONTACT A SUBSURFACE UTILITY LOCATOR FOR LOCATION OF EXISTING UTILITIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL VERIFY EXISTING UTILITY LOCATIONS BY TEST PIT AS NECESSARY. LOCATION OF UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE AND FOR PLANNING PURPOSES ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. DAMAGE TO UTILITIES OR PROPERTY OF OTHER BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPAIRED TO PRECONSTRUCTION CONDITIONS BY THE CONTRACTOR.
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL STATE AND LOCAL CODES AND ORDINANCES, THE LATEST EDITION THEREOF.
- ANY PERMITS WHICH MUST BE OBTAINED SHALL BE THE CONTRACTOR'S RESPONSIBILITY. CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS FOR THIS PROJECT FROM ALL APPLICABLE GOVERNMENTAL AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ABIDING BY ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS.
- CONTRACTOR SHALL COORDINATE ALL UTILITY CONNECTIONS WITH APPROPRIATE UTILITY OWNERS.
- THESE PLANS ARE NOT FOR RECORDATION.
- EXISTING PAVEMENT AND OTHER SURFACES DISTURBED BY CONTRACTOR (WHICH ARE NOT TO BE REMOVED) SHALL BE REPAIRED TO PRECONSTRUCTION CONDITIONS BY THE CONTRACTOR.

SITE ANALYSIS DATA CHART

1. APPLICABLE DPZ FILE REFERENCES:	WP-95-61
2. TOTAL PROJECT AREA:	4,069 SQUARE FEET 0.09 ACRES ±
3. AREA OF PLAN SUBMISSION:	360 S.F. 0.008 ACRES ±
4. TOTAL PARCEL ACREAGE:	70213.49 SQUARE FEET 1.612 ACRES ±
5. LIMIT OF DISTURBANCE:	4,069 SQUARE FEET 0.09 ACRES ±
6. PRESENT ZONING:	POR
7. PROPOSED USE:	UNOCCUPIED TELECOMMUNICATIONS FACILITY, SALT DOME, BRINE SHED
8. FLOOR SPACE (Telecommunications & Drive Sheds):	360 S.F. 0.008 ACRES ±
9. MAXIMUM NUMBER OF EMPLOYEES:	0
10. MINIMUM NUMBER OF PARKING SPACES REQUIRED BY ZONING:	2
11. PARKING SPACES PROVIDED:	2
12. EXISTING BUILDING COVERAGE:	2800 SQUARE FEET 0.0644 ACRES ±
13. PROPOSED BUILDING COVERAGE:	360 S.F. 0.008 ACRES ±
14. TOTAL BUILDING COVERAGE* (INCLUDING OVERHANGS):	6,400 S.F. OR 0.148 ACRES ±
15. SANITARY SEWER/ WATER SERVICE:	N/A - PUBLIC WATER, NO SEWER
16. PROPERTY OWNER:	HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS 3430 COURT HOUSE DRIVE ELLICOTT CITY, MARYLAND 21043-4300
17. PROPERTY OWNER INFORMATION:	

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 [Signature]
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 DATE: 10/20/08
 [Signature]
 CHIEF, DIVISION OF LAND DEVELOPMENT
 DATE: 10/20/08
 [Signature]
 DIRECTOR, DEPARTMENT OF PLANNING AND ZONING
 DATE: 10/20/08

PURPOSE STATEMENT: THE REDLINE REVISION OF THIS SHEET IS FOR THE ADDITION OF A 292 S.F. BRINE SHED AND DRIVEWAY ON THE SITE. THIS REDLINE DISTURBED LESS THAN 5,000 SF, (0.11 AC X 49,500 = 4,900 SF). THEREFORE THIS REDLINE IS EXEMPT FROM PROVIDING AN ECP AND STORMWATER MANAGEMENT BASED ON EOD.

PROFESSIONAL CERTIFICATION
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. 210-12, EXPIRATION DATE: 07/01/2008.

DEVELOPER
VERIZON WIRELESS
9000 JUNCTION DRIVE
ANNAPOLIS JUNCTION, MD 20701
PHONE: 301.512.2000
ATTN: JOSH LEVY

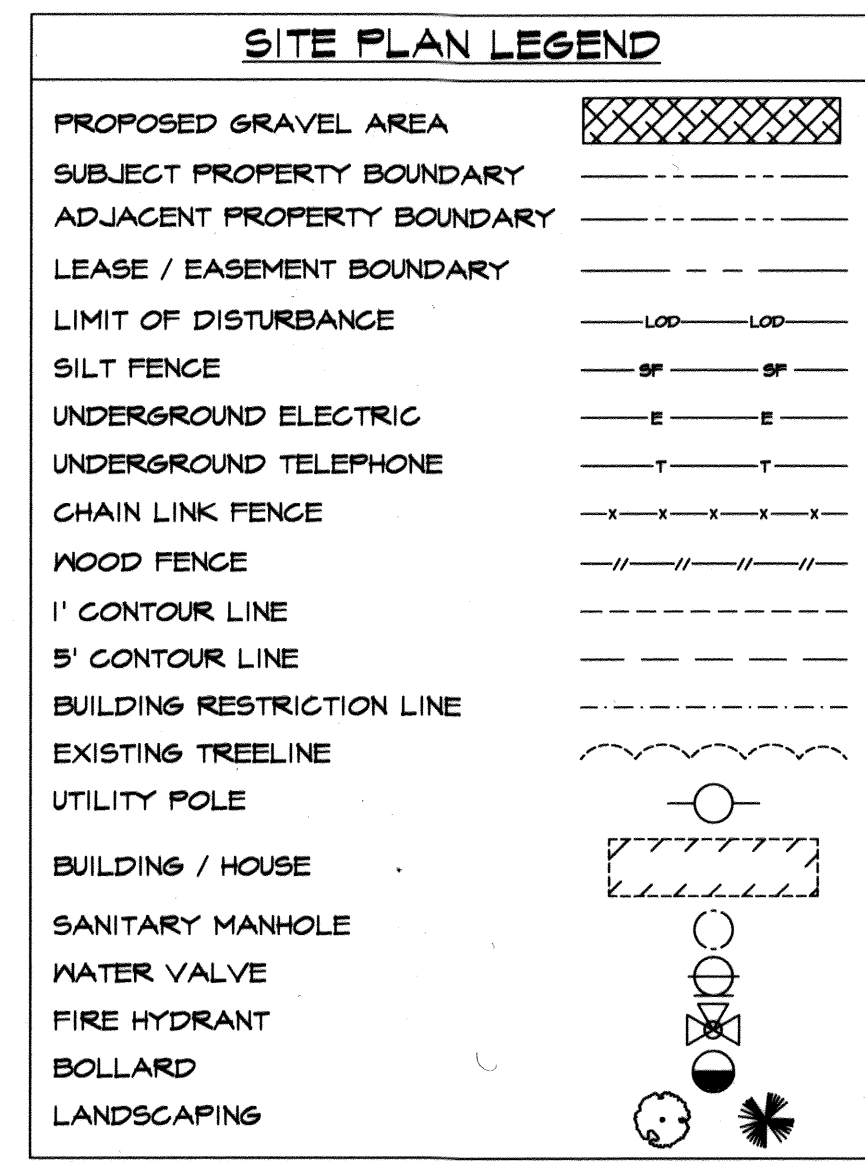
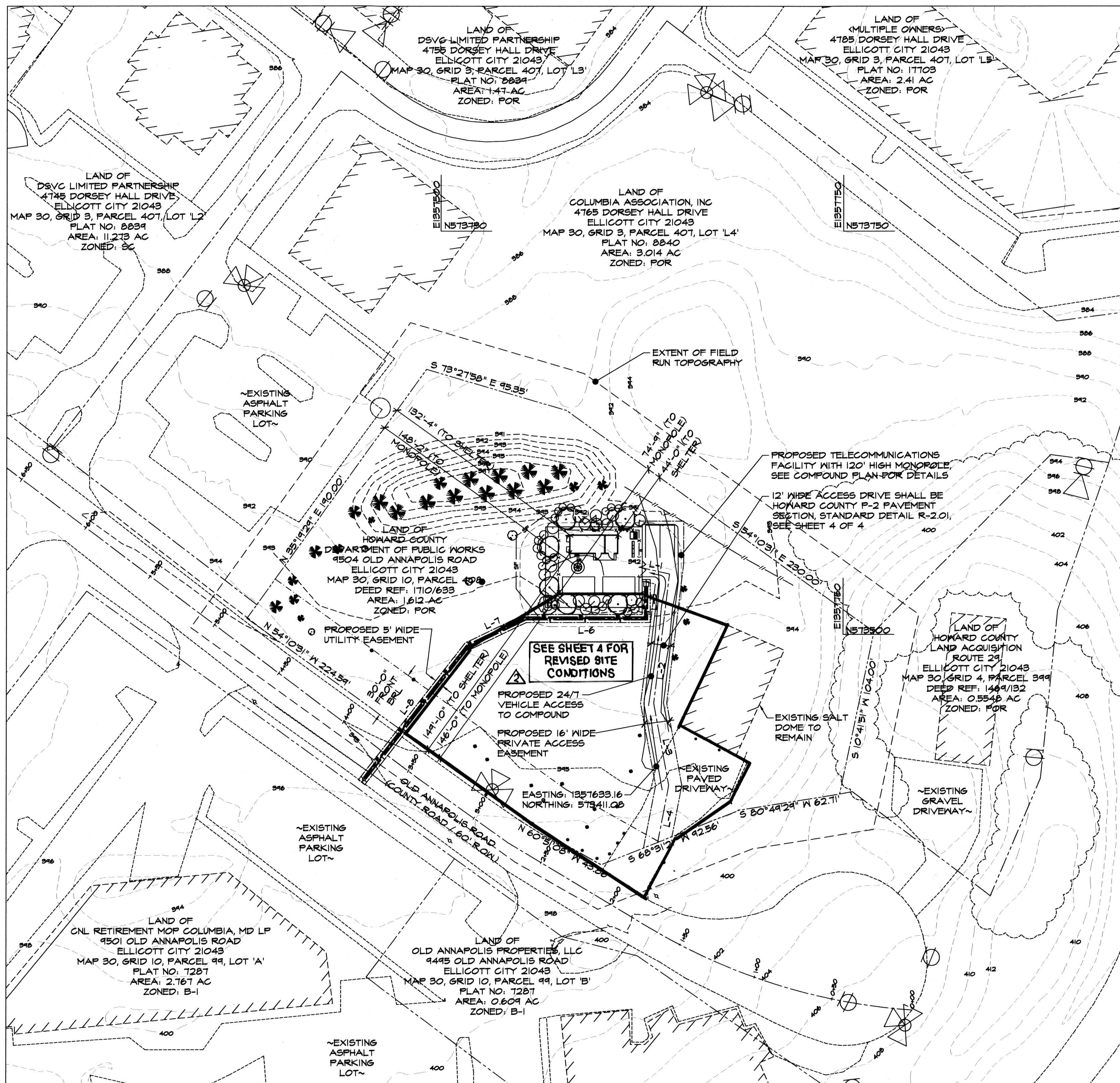
PERMIT INFORMATION CHART

PROJECT NAME	VERIZON WIRELESS	SECTION / AREA	N/A	PARCEL	408
LIBER / FOLIO	1710 / 633	GRID #	10	ZONING	POR
TAX MAP NO.	30	ELECT. DIST.	2	CENSUS TRACT	602306
WATER CODE:	E21	SEWER CODE:	6440000		

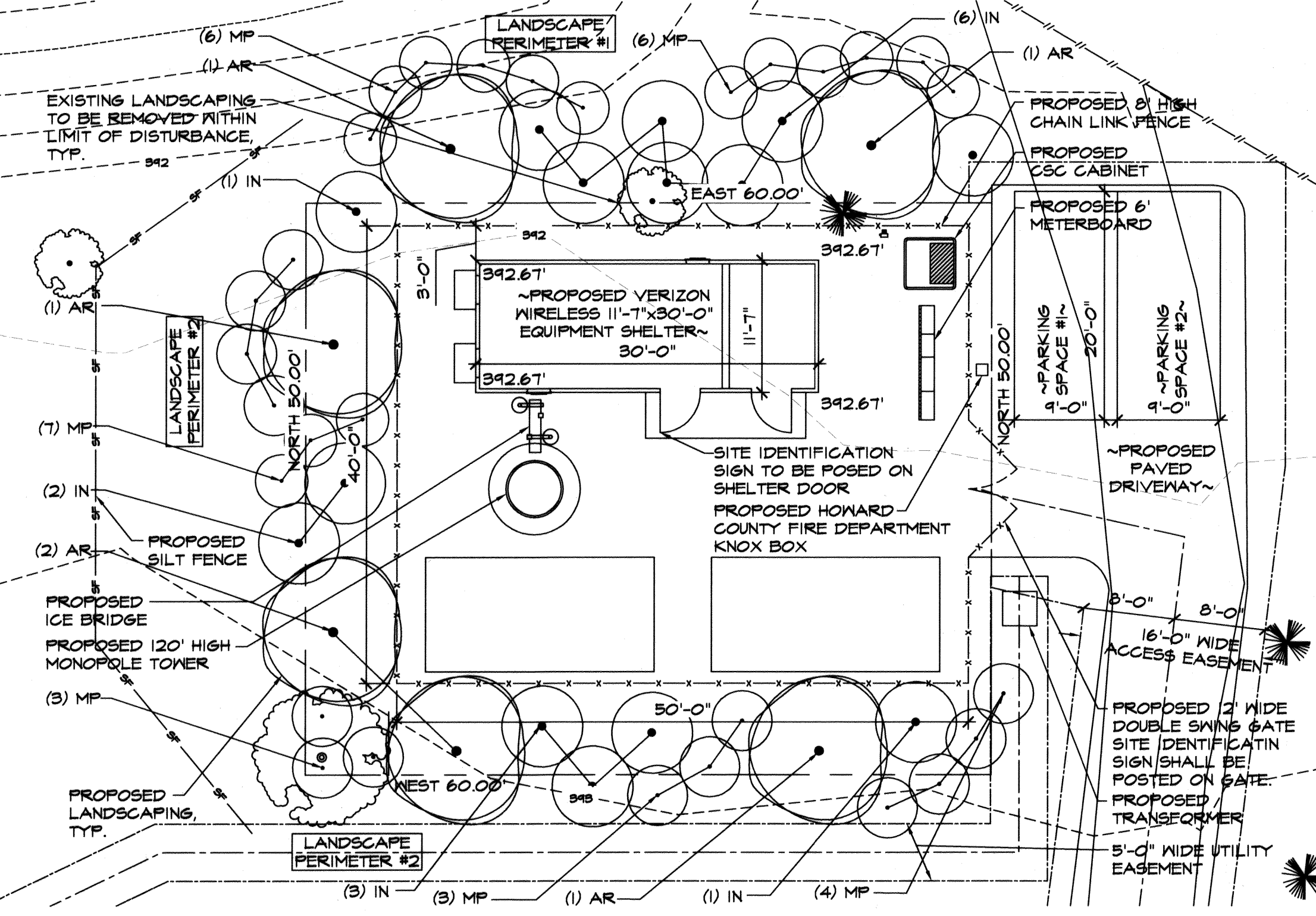
MORRIS & RITCHE ASSOCIATES, INC.
ENGINEERS, PLANNERS, SURVEYORS AND LANDSCAPE ARCHITECTS
1220-C EAST JOPPA ROAD, SUITE 505
TOWSON, MARYLAND 21286
(410) 821-1690
FAX (410) 821-1748

REVISED SITE DEVELOPMENT PLAN
VERIZON WIRELESS - DUNLOGGIN
SDP-08-072
COVER SHEET
LIBER: 1710 ~ FOLIO: 633 ~ PARCEL: 408
ZONED: POR ~ TAX MAP: 30 ~ GRID: 10
2ND ELECTION DISTRICT ~ HOWARD COUNTY, MARYLAND

DATE	REVISIONS	JOB NO.:	SCALE:
9/3/08	△ SHELTER LOCATION CHANGE	10427.502	AS SHOWN
03/23/21	△ REVISED TO SHOW PROPOSED DRIVEWAY, FENCE & BRINE FACILITY	DATE:	1/19/08
		DRAWN BY:	EEO
		DESIGN BY:	EEO
		REVIEW BY:	BES
		SHEET:	1 OF 10



- COMPOUND NOTES:**
1. PROPOSED SHELTER IS TO BE UNOCCUPIED AND REQUIRES NO WATER, SEWER, OR TRASH REMOVAL SERVICES.
 2. THE PROPOSED EQUIPMENT SHELTER WILL NOT HAVE AN AUTOMATIC SPRINKLER SYSTEM.
 3. ALL PROPOSED GRAVEL AREA CAN BE USED FOR PARKING.
 4. NO OUTDOOR LIGHTING IS PROPOSED AT THIS SITE.
 5. ALL CONTOURS ON THIS PLAN ARE TAKEN FROM A FIELD SURVEY BY MORRIS & RITCHIE ASSOCIATES, INC, DATED OCTOBER 2007.



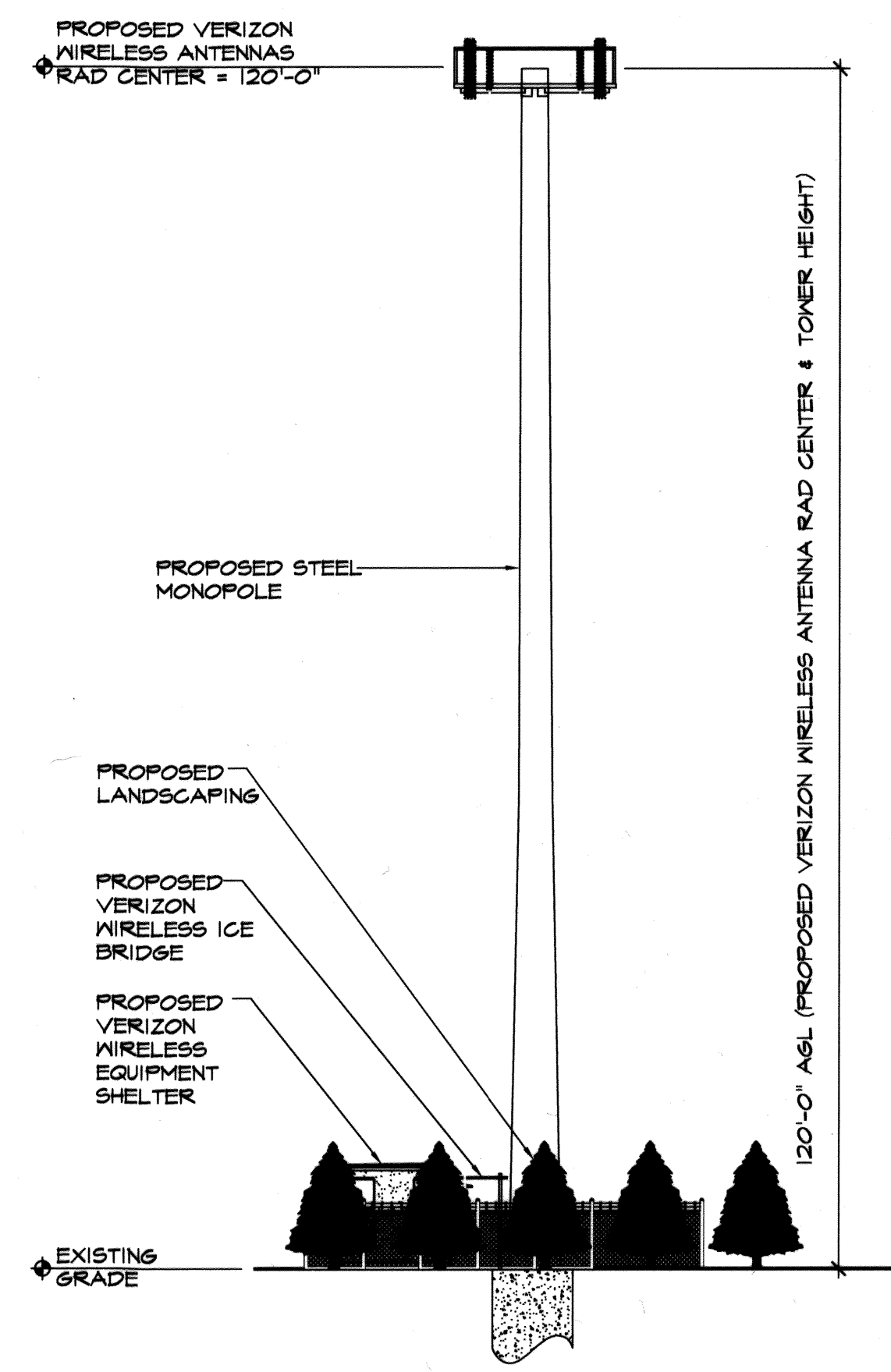
COMPOUND PLAN
SCALE: 1" = 10'

- LANDSCAPE NOTES:**
1. THE OWNER, TENANT AND/OR THEIR AGENTS SHALL BE RESPONSIBLE FOR ALL MAINTENANCE OF THE REQUIRED LANDSCAPING, PLANT MATERIALS, BERMS AND FENCES AND WALLS. ALL PLANT MATERIALS SHALL BE MAINTAINED IN GOOD GROWING CONDITION AND WHEN NECESSARY, REPLACED WITH NEW MATERIALS TO ENSURE CONTINUED COMPLIANCE WITH APPLICABLE REGULATIONS. ALL REQUIRED LANDSCAPING SHALL BE PERMANENTLY MAINTAINED IN GOOD CONDITION, AND WHEN NECESSARY, REPAIRED OR REPLACED.
 2. NO CLEARING OF EXISTING VEGETATION IS PERMITTED WITHIN THE LANDSCAPE EDGE FOR WHICH CREDIT IS BEING TAKEN; HOWEVER, LANDSCAPE MAINTENANCE IS AUTHORIZED.
 3. AT THE TIME OF INSTALLMENT, ALL TREES AND SHRUBS HEREWITH LISTED AND APRES FOR THIS SITE SHALL BE OF THE PROPER HEIGHT REQUIREMENTS IN ACCORDANCE WITH THE HOWARD COUNTY LANDSCAPE MANUAL. IN ADDITION, NO SUBSTITUTIONS OR RELOCATION OF REQUIRED PLANTINGS MAY BE MADE WITHOUT PRIOR REVIEW AND APPROVAL FROM THE DEPARTMENT OF PLANNING AND ZONING. ANY DEVIATION FROM THIS APPROVED LANDSCAPE PLAN MAY RESULT IN DENIAL OR DELAY IN THE RELEASE OF LANDSCAPE SURETY UNTIL SUCH TIME AS ALL REQUIRED MATERIALS ARE PLANTED AND/OR REVISIONS ARE MADE TO APPLICABLE PLANS AND CERTIFICATES.

DEVELOPER'S / BUILDER'S CERTIFICATE

I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND THE LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A LETTER OF NOTICE ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

Be. A. Ste... 10/15/08
DEVELOPER / BUILDER DATE



TOWER ELEVATION
NOT TO SCALE

LANDSCAPE SCHEDULE A

CATEGORY	PERIMETER #2 ADJACENT TO ROADWAYS	PERIMETER #1 ADJACENT TO PERIMETER PROPERTIES
LANDSCAPE TYPE	B	TYPE 'A' BUFFER
LINEAR FEET OF ROADWAY FRONTAGE / PERIMETER	90'	90' (A)
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET)	X	50' (BERM)
CREDIT FOR MALL, FENCE, OR BERM (YES, NO, LINEAR FEET)	X	YES (40')
NUMBER OF PLANTS REQUIRED		
SHADE TREES	1:50 (2)	0
EVERGREEN TREES	1:40 (2)	0
SHRUBS	0	0
NUMBER OF PLANTS PROVIDED		
SHADE TREES	6	0
EVERGREEN TREES	14	0
OTHER TREES (2:1 SUBSTITUTION)	24	0
SHRUBS (10:1 SUBSTITUTION)	0	0

(A) PERIMETER EQUALS DISTANCE AROUND SHELTER STRUCTURE.

SITE PLAN
SCALE: 1" = 40'

EASEMENT(S) DESCRIPTION

MARK	BEARING	LENGTH	COMMENTS
L-1	S 77°31'30" E	19'-4"	ACCESS EASEMENT
L-2	S 6°52'21" W	80'-10"	ACCESS EASEMENT
L-3	S 10°26'45" E	51'-9"	ACCESS EASEMENT
L-4	S 10°49'18" W	35'-11"	ACCESS EASEMENT
L-5	N 0°0'0" E	24'-1"	UTILITY EASEMENT
L-6	N 90°0'0" E	75'-0"	UTILITY EASEMENT
L-7	N 64°21'10" E	34'-8"	UTILITY EASEMENT
L-8	N 37°52'50" E	107'-0"	UTILITY EASEMENT

PLANTING SCHEDULE

SYM.	QUAN.	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
MP	24	MYRICA PENSYLVANICA	NORTHERN BAYBERRY	5 GAL	B&B SPACING AS SHOWN
IN	14	ILEX x 'NELLIE R. STEVENS'	NELLIE R. STEVENS' HOLLY	6-7"	B&B SPACING AS SHOWN
AR	6	ACER RUBRUM	RED MAPLE	2-2 1/2" GAL.	B&B SPACING AS SHOWN

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature] 10/20/08
DATE

CHIEF, DEVELOPMENT ENGINEERING DIVISION

[Signature] 10/20/08
DATE

BRIEF, DIVISION OF LAND DEVELOPMENT

[Signature] 10/20/08
DATE

DIRECTOR, DEPARTMENT OF PLANNING AND ZONING

PROFESSIONAL CERTIFICATION

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. 23 012, EXPIRATION DATE: APRIL 1, 2021

[Signature]
PROFESSIONAL ENGINEER



PROFESSIONAL CERTIFICATION

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. 2809, EXPIRATION DATE: 07/01/2008.

[Signature]
PROFESSIONAL ENGINEER

DEVELOPER

VERIZON WIRELESS
9000 JUNCTION DRIVE
ANNAPOLIS JUNCTION, MD 20701
PHONE: 301.512.2000
ATTN: JOSH LEVY

PERMIT INFORMATION CHART

PROJECT NAME	SECTION / AREA	PARCEL			
VERIZON WIRELESS DUNLOGGIN	N/A	408			
LIBER / FOLIO	GRID #	ZONING	TAX MAP NO.	ELECT. DIST.	CENSUS TRACT
1710 / 633	10	POR	30	2	602306
WATER CODE: E21	SEWER CODE: 6440000				

MORRIS & RITCHIE ASSOCIATES, INC.
ENGINEERS, PLANNERS, SURVEYORS AND LANDSCAPE ARCHITECTS

1220-C EAST JOPPA ROAD, SUITE 605
TOWSON, MARYLAND 21286
(410) 821-1690
FAX (410) 821-1748

REVISED SITE DEVELOPMENT PLAN
VERIZON WIRELESS - DUNLOGGIN
SDP-08-072

SITE PLAN
LANDSCAPE PLAN
LIBER: 1710 ~ FOLIO: 633 ~ PARCEL: 408
ZONED: POR ~ TAX MAP: 30 ~ GRID: 10
2ND ELECTION DISTRICT ~ HOWARD COUNTY, MARYLAND

DATE	REVISIONS	JOB NO.:
9/3/08	SHelter LOCATION CHANGE	10427.502
08/23/21	REVISED TO SHOW PROPOSED DRIVEWAY, FENCE & BERM FACILITY	SCALE: AS SHOWN
		DATE: 1/19/08
		DRAWN BY: EEO
		DESIGN BY: EEO
		REVIEW BY: BES
		SHEET: 2 OF 10

SITE, GRADING AND UTILITY PLAN NOTES

KEY C-1

1. MEET EXISTING IN LINE AND GRADE.
2. 6,500 GALLONS ABOVE GRADE AWP TANK.
3. PROPOSED 6' OPEN CHAINLINK FENCE. CONCRETE FOOTINGS AS SPECIFIED BY FENCE MANUFACTURER. SEE OVERALL SITE PLAN FOR EXTENTS. SEE DETAIL G-7.21.
4. EXISTING BOLLARDS TO REMAIN.
5. MAINTAIN EXISTING SLOPE AND DRAINAGE PATTERN BY SLOPING NEW PAVEMENT TO THE NORTH.
6. PROPOSED CONCRETE PAD FOR GATE OPERATOR. TO BE SIZED BY MANUFACTURER.
7. PROPOSED LIFT GATE.
8. LOCATE EX. VERIZON DUCTBANK AND DO NOT DISTURB WITH PROPOSED FENCE.
9. PROPOSED BRINE MAKER.
10. 6,500 GALLONS ABOVE GRADE MAGNESIUM CHLORIDE TANK.
11. 12,500 GALLONS ABOVE GRADE BRINE TANK.
12. PROPOSED WALL MOUNTED LIGHT FIXTURE. SEE ARCHITECTURAL PLANS FOR DETAILS.

SITE PLAN GENERAL NOTES

1. THE TOPOGRAPHIC INFORMATION SHOWN HEREON, WAS OBTAINED FROM SURVEYS PERFORMED BY HOWARD COUNTY DPW ON AUGUST, 2020. THIS INFORMATION MAY NOT REFLECT CURRENT CONDITIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY CURRENT TOPOGRAPHIC AND UTILITY INFORMATION TO HIS/HER OWN SATISFACTION. NO FULL PROPERTY OR BOUNDARY SURVEYS WERE PERFORMED AND NO TITLE REPORTS WERE PROVIDED NOR REVIEWED.
2. LOCATIONS, COORDINATES & ELEVATIONS OF THE PROJECT CONTROL SHOWN HEREON ARE REFERENCED TO THE MARYLAND COORDINATE SYSTEM NAD83 (2011) AND NAVD88, RESPECTIVELY.
3. THE OVERALL LIMIT OF DISTURBANCE FOR THE PROPOSED WORK IS APPROXIMATE AND DOES NOT RELIEVE THE CONTRACTOR OF GOING BEYOND THESE LIMITS AS REQUIRED TO COMPLETE ALL DEMOLITION/CONSTRUCTION REQUIREMENTS.
4. ALL EXISTING UTILITY STRUCTURE SURFACE FEATURES WITHIN THE LIMIT OF DISTURBANCE TO BE ADJUSTED TO FINISHED GRADE UNLESS OTHERWISE NOTED.
5. ALL EXISTING FEATURES OUTSIDE OF THE LIMIT OF DISTURBANCE (LOD) ARE TO REMAIN, UNLESS OTHERWISE NOTED. ITEMS OUTSIDE THESE LIMITS THAT ARE DAMAGED OR REMOVED BY THE CONTRACTOR SHALL BE RETURNED TO PRE-DEMOLITION CONDITIONS OR REPLACED IN-KIND AT NO ADDITIONAL COST TO THE OWNER.
6. CONTRACTOR SHALL CONTACT "MISS UTILITY" (1-800-257-7777) AT LEAST 48 HOURS PRIOR TO BEGINNING DEMOLITION ACTIVITIES.
7. THE CONTRACTOR SHALL MAINTAIN TRAFFIC AND EMERGENCY ACCESS AT ALL TIMES.
8. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL EXISTING AND PROPOSED BUILDING ENTRANCES DURING ALL PHASES OF CONSTRUCTION, UNLESS OTHERWISE NOTED IN THESE DOCUMENTS. CONTRACTOR SHALL NOTIFY ENGINEER / OWNER IF EXISTING OR PROPOSED CONDITIONS RESTRICT ABILITY TO ACHIEVE POSITIVE DRAINAGE FROM BUILDINGS PRIOR TO THE START OF CONSTRUCTION.
9. FOR DETAILS NOT SHOWN ON THE DRAWING OR DESCRIBED IN THE CONTRACT DOCUMENTS, AND FOR MATERIALS AND CONSTRUCTION METHODS, USE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (LATEST EDITION). THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV ON SITE.
10. SPOT ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL ADJUST AS NEEDED TO MEET THE DESIGN INTENT.
11. THE SITE'S BUILDABLE FOOTPRINT IS NOT INCREASED BY GREATER THAN 50%. THEREFORE LANDSCAPING IS NOT REQUIRED.

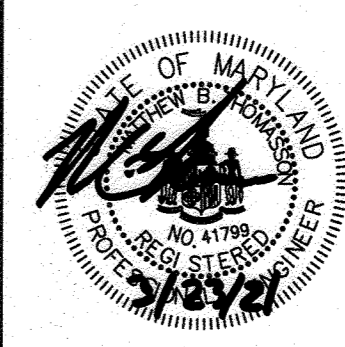
LEGEND

- EXISTING SALT BARN
- PROPOSED CONCRETE PAVEMENT
- PROPOSED ASPHALT DRIVE, SEE DETAIL R-2.01 SECTION #P-4 (MODIFIED)
- PROPOSED BRINE SHED
- PROPOSED LIMIT OF DISTURBANCE (APPX. 4,900 SF)
- PROPERTY BOUNDARY
- PROPOSED FENCE
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- PROPOSED WALL MOUNTED LIGHT FIXTURE

PERMIT INFORMATION CHART				
PROJECT NAME	SECTION/AREA	PARCEL		
OLD ANNAPOLIS ROAD SALT BRINE FACILITY	N/A	408		
LIBER / FOLIO	GRID #	ZONING	TAX MAP NO.	ELECT. DIST.
1710 / 633	10	POR	30	2
WATER CODE:			SEWER CODE:	
E21			6440000	

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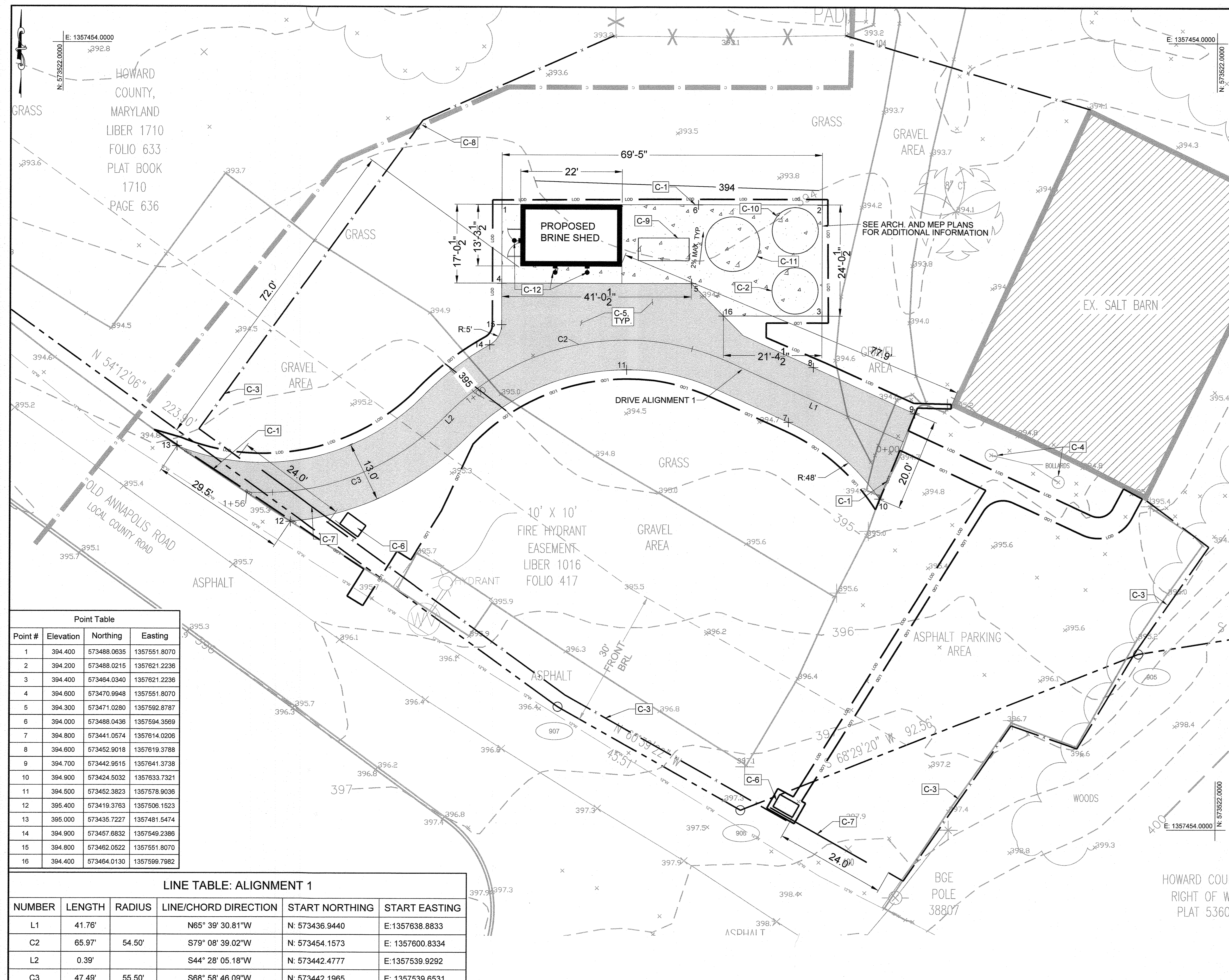


REVISED SITE DEVELOPMENT PLAN
VERIZON WIRELESS-DUNLOGGIN
SDP-08-072

C-200 SITE & GRADING PLAN

LIBER: 1710 - FOLIO: 633 - PARCEL: 408
ZONED: POR - TAX MAP: 30 - GRID: 10
2ND ELECTION DISTRICT - HOWARD COUNTY, MARYLAND

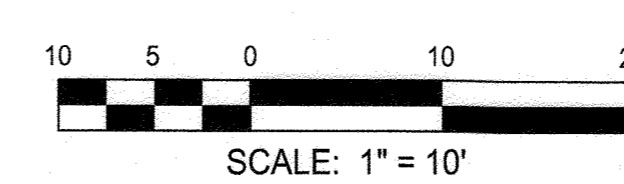
DATE	REVISIONS	JOB NO.:
03/23/21	NEW SHEET FOR PROPOSED DRIVEWAY, FENCE & BRINE FACILITY	17240.017
		SCALE: AS SHOWN
		DATE: 03/23/21
		DRAWN BY: MNC
		DESIGN BY: CWWW
		REVIEW BY: MBT
		SHEET: 4 OF 10



Point #	Elevation	Northing	Easting
1	394.400	573488.0635	1357551.8070
2	394.200	573488.0215	1357621.2236
3	394.400	573464.0340	1357621.2236
4	394.800	573470.9948	1357551.8070
5	394.300	573471.0280	1357592.8787
6	394.000	573488.0436	1357594.3569
7	394.800	573441.0574	1357614.0206
8	394.600	573452.9018	1357619.3788
9	394.700	573442.9515	1357641.3738
10	394.900	573424.5032	1357633.7321
11	394.500	573452.3823	1357578.9036
12	395.400	573419.3763	1357506.1523
13	395.000	573435.7227	1357481.5474
14	394.900	573457.6832	1357549.2386
15	394.800	573462.0522	1357551.8070
16	394.400	573464.0130	1357599.7982

LINE TABLE: ALIGNMENT 1					
NUMBER	LENGTH	RADIUS	LINE/CHORD DIRECTION	START NORTHING	START EASTING
L1	41.76'		N65° 39' 30.81"W	N: 573436.9440	E: 1357638.8833
C2	65.97'	54.50'	S79° 08' 39.02"W	N: 573454.1573	E: 1357600.8334
L2	0.39'		S44° 28' 05.18"W	N: 573442.4777	E: 1357539.9292
C3	47.49'	55.50'	S68° 58' 46.09"W	N: 573442.1965	E: 1357539.6531

PURPOSE STATEMENT: THE REDLINE REVISION OF THIS SHEET IS FOR THE ADDITION OF A 292 S.F. BRINE SHED AND DRIVEWAY ON THE SITE. THIS REDLINE DISTURBED LESS THAN 5,000 SF. (0.11 AC x 43,560 = 4,900 SF). THEREFORE THIS REDLINE IS EXEMPT FROM PROVIDING AN ECP AND STORMWATER MANAGEMENT BASED ON ESD.



PROFESSIONAL CERTIFICATION
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. 41789
EXPIRATION DATE: APRIL 12, 2022

PROPERTY OWNER / DEVELOPER
HOWARD COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
3430 COURT HOUSE DR
ELLICOTT CITY, MD 21043

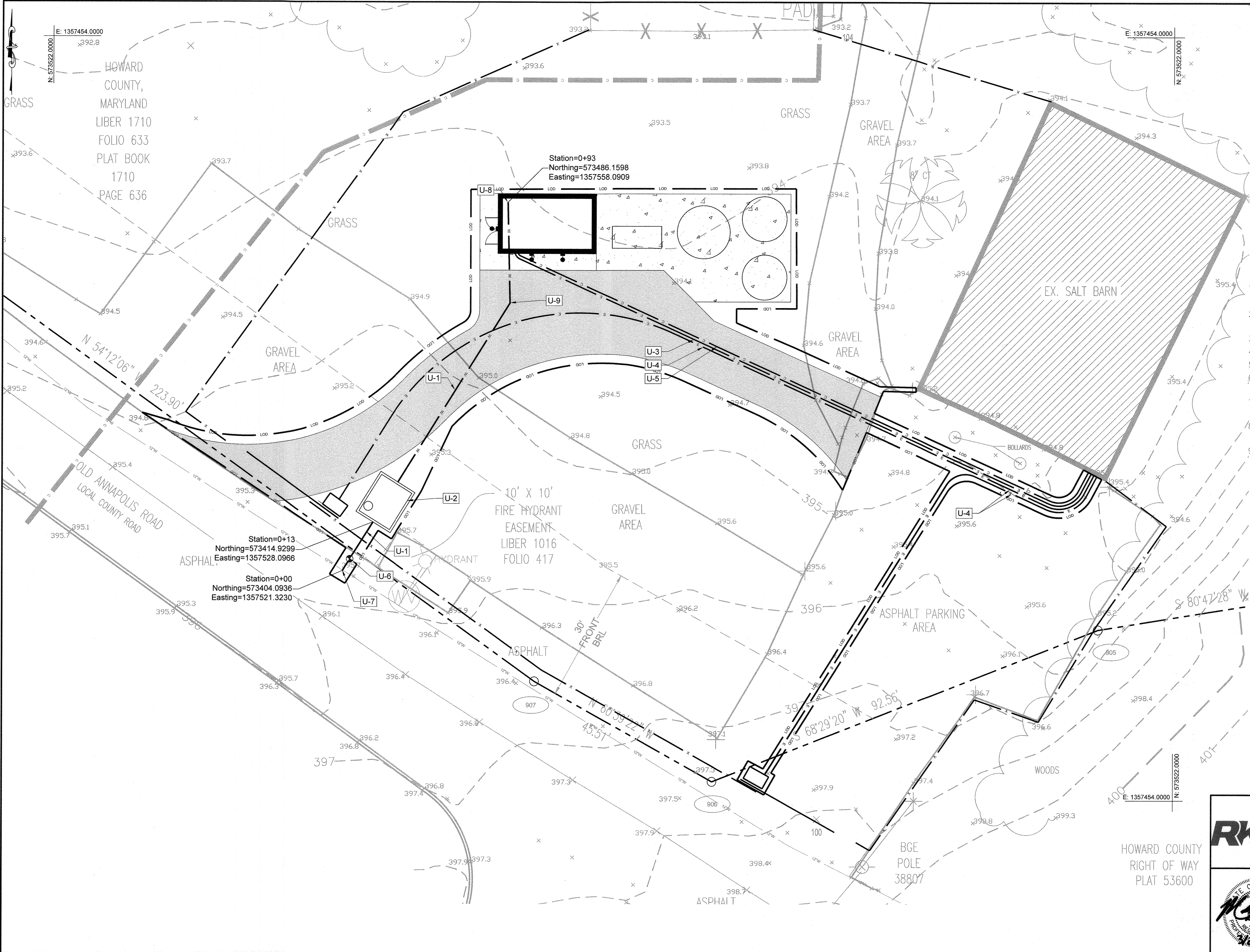
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
DATE: 4.5.21
CHIEF, DEVELOPMENT ENGINEERING DIVISION

CHIEF, DIVISION OF LAND DEVELOPMENT
DATE: 4/19/21
DIRECTOR, DEPARTMENT OF PLANNING AND ZONING

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DIRECTOR OF PUBLIC WORKS
CHIEF, BUREAU OF ENGINEERING
CHIEF, BUREAU OF TRANSPORTATION
CHIEF, UTILITY DESIGN DIVISION

\\bdr-v05\2017\17240_HoCoCall\Howard County\Task 17 - Brine Facility CADD\Plans\C-200 Site Plan.dwg Mar 22, 2021 10:38am zbrown



LEGEND

- PROPOSED LIMIT OF DISTURBANCE (APPX. 4,900 SF)
- - - PROPERTY BOUNDARY
- W — PROPOSED WATER CONDUIT
- E — PROPOSED ELECTRIC CONDUIT
- C — PROPOSED COMMUNICATIONS CONDUIT
- PROPOSED WALL MOUNTED LIGHT FIXTURE

- UTILITY PLAN NOTES**
- KEY [U-1] →
- PROPOSED 4" DIP WATER LINE WITH 3.5' MINIMUM COVER AND 6.0' MAXIMUM COVER.
 - PROPOSED 3" WATER METER VAULT, SEE DETAIL W-3.35 ON SHEET C-201.
 - PROPOSED 2" SCH. 80 PVC ELECTRIC CONDUIT.
 - PROPOSED 1" SCH. 80 PVC ELECTRIC CONDUIT.
 - PROPOSED 2" SCH. 80 PVC COMMUNICATIONS CONDUIT.
 - PROPOSED 4" WATER VALVE, SEE DETAIL G-8.01 ON SHEET C-201.
 - CONNECT TO EX. 12" WATER, SEE DETAIL W-3.24 ON SHEET C-201.
 - PROPOSED 90° VERTICAL BEND UPWARD. SEE MECHANICAL DRAWINGS FOR CONTINUATION.
 - PROPOSED 4" DIP 22.5° & 11.25° HORIZONTAL BEND.

PERMIT INFORMATION CHART

PROJECT NAME OLD ANNAPOLIS ROAD SALT BRINE FACILITY		SECTION/AREA N/A	PARCEL 408
LIBER / FOLIO 1710 / 633	GRID # 10	ZONING POR	TAX MAP NO. 30
ELECT. DIST. 2		CENSUS TRACT 602306	
WATER CODE: E21		SEWER CODE: 6440000	

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**REVISED SITE DEVELOPMENT PLAN
 VERIZON WIRELESS-DUNLOGGIN
 SDP-08-072**

C-201 UTILITY PLAN

LIBER: 1710 - FOLIO: 633 - PARCEL: 408
 ZONED: POR - TAX MAP: 30 - GRID: 10
 2ND ELECTION DISTRICT - HOWARD COUNTY, MARYLAND

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chad Edwards
 CHIEF, DEVELOPMENT ENGINEERING DIVISION

DATE: 4.5.21

CHIEF, DIVISION OF LAND DEVELOPMENT

DATE: 4/19/21

DIRECTOR, DEPARTMENT OF PLANNING AND ZONING

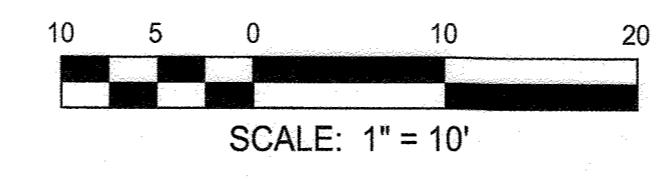
**DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND**

DIRECTOR OF PUBLIC WORKS DATE

CHIEF, BUREAU OF ENGINEERING DATE

CHIEF, BUREAU OF TRANSPORTATION DATE

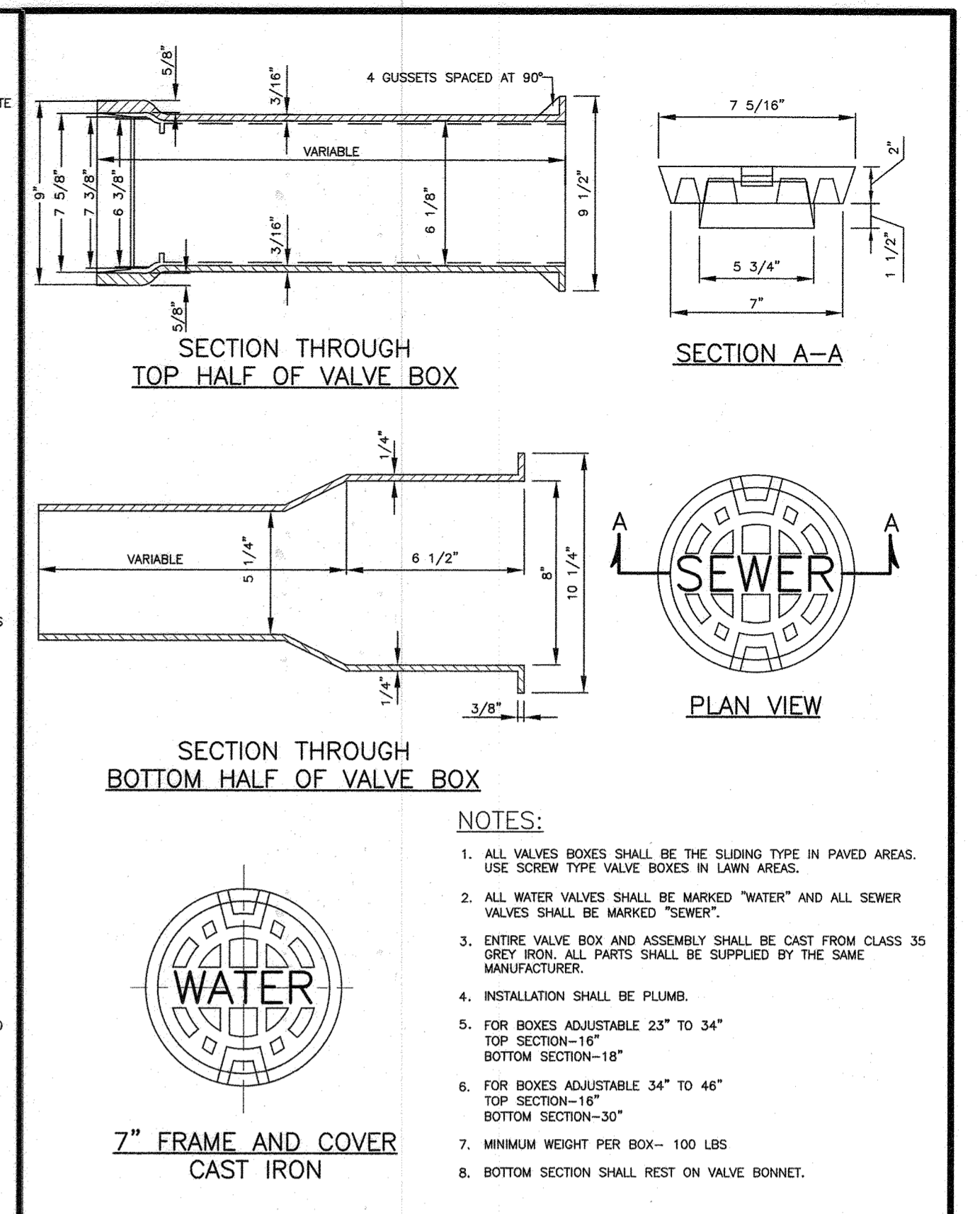
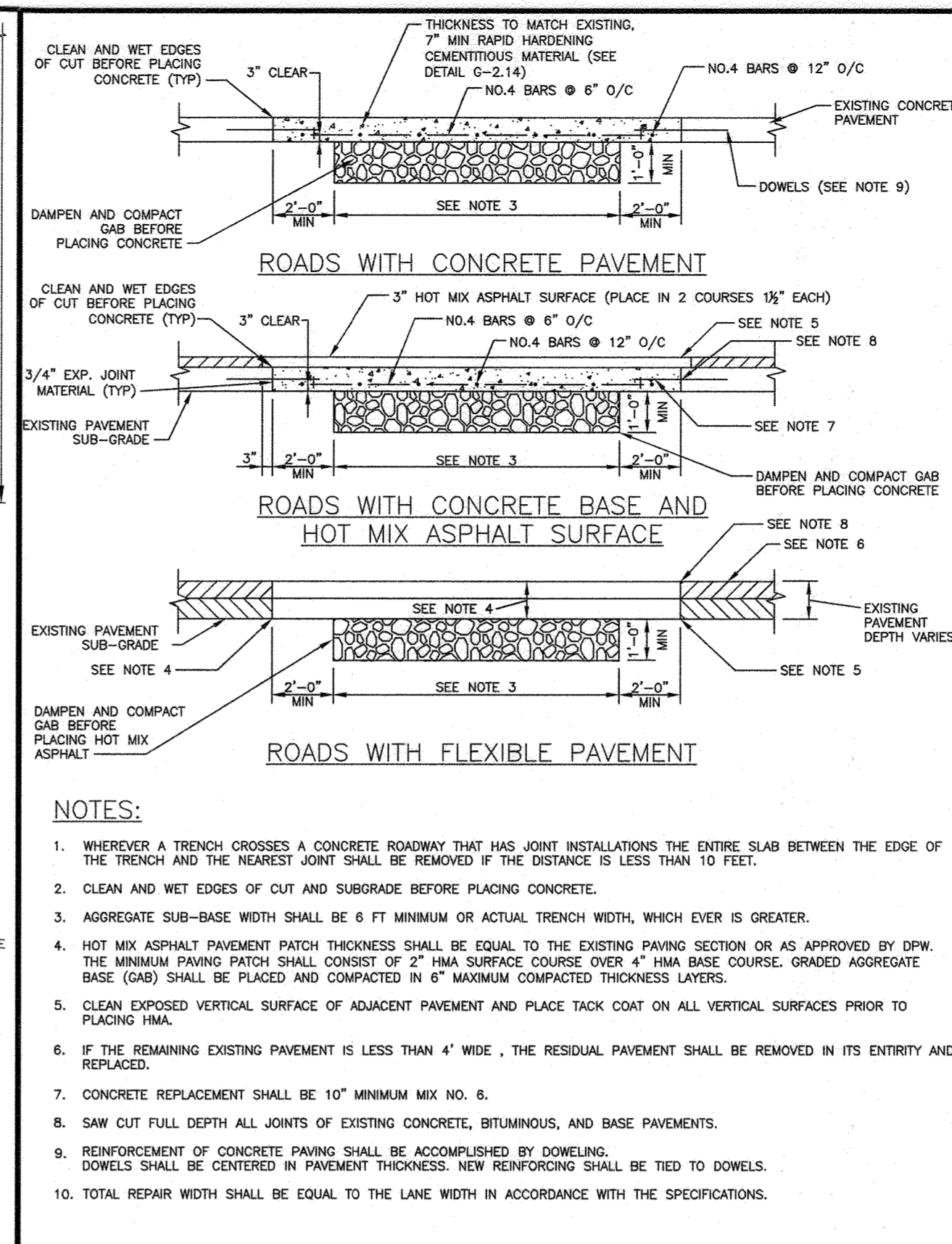
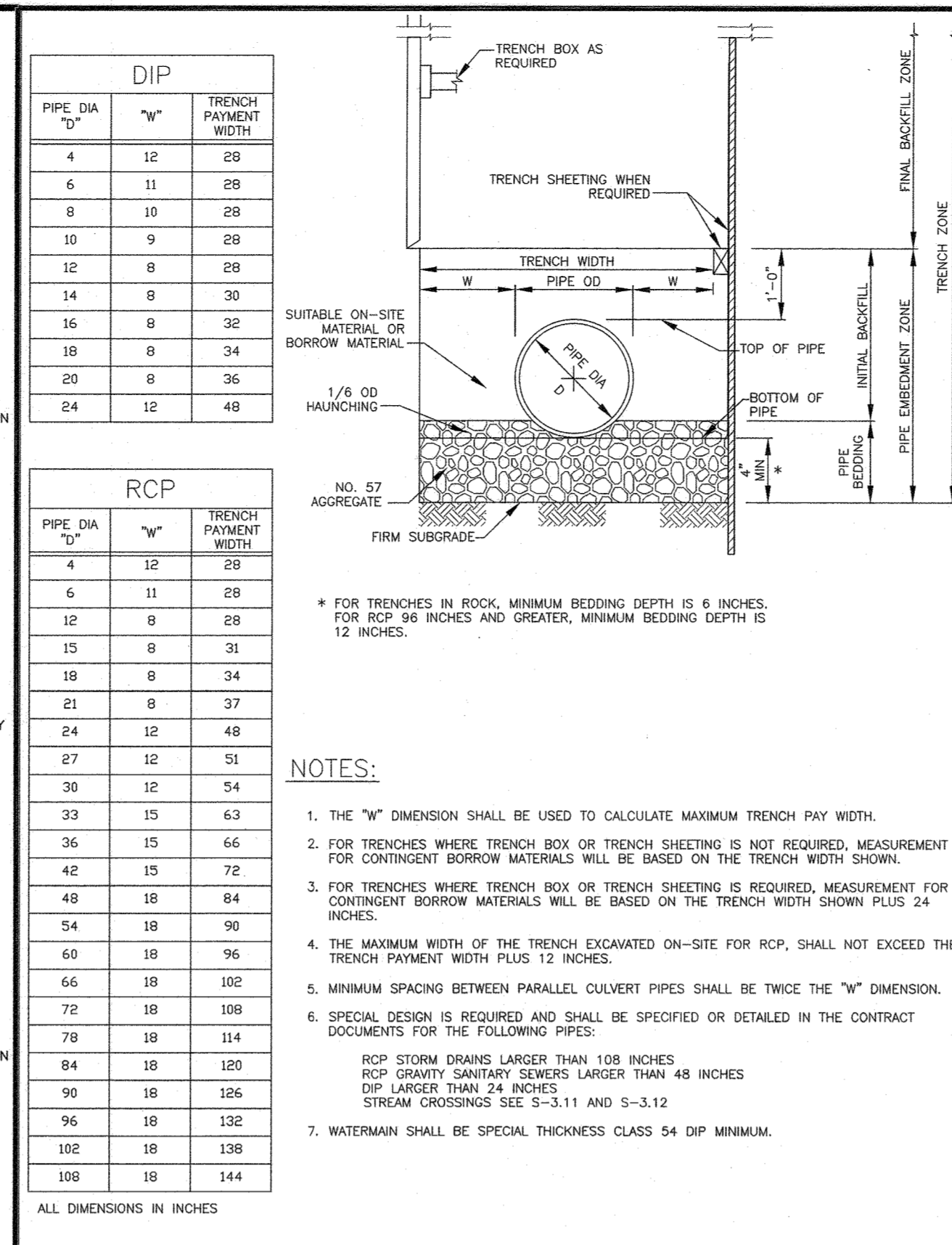
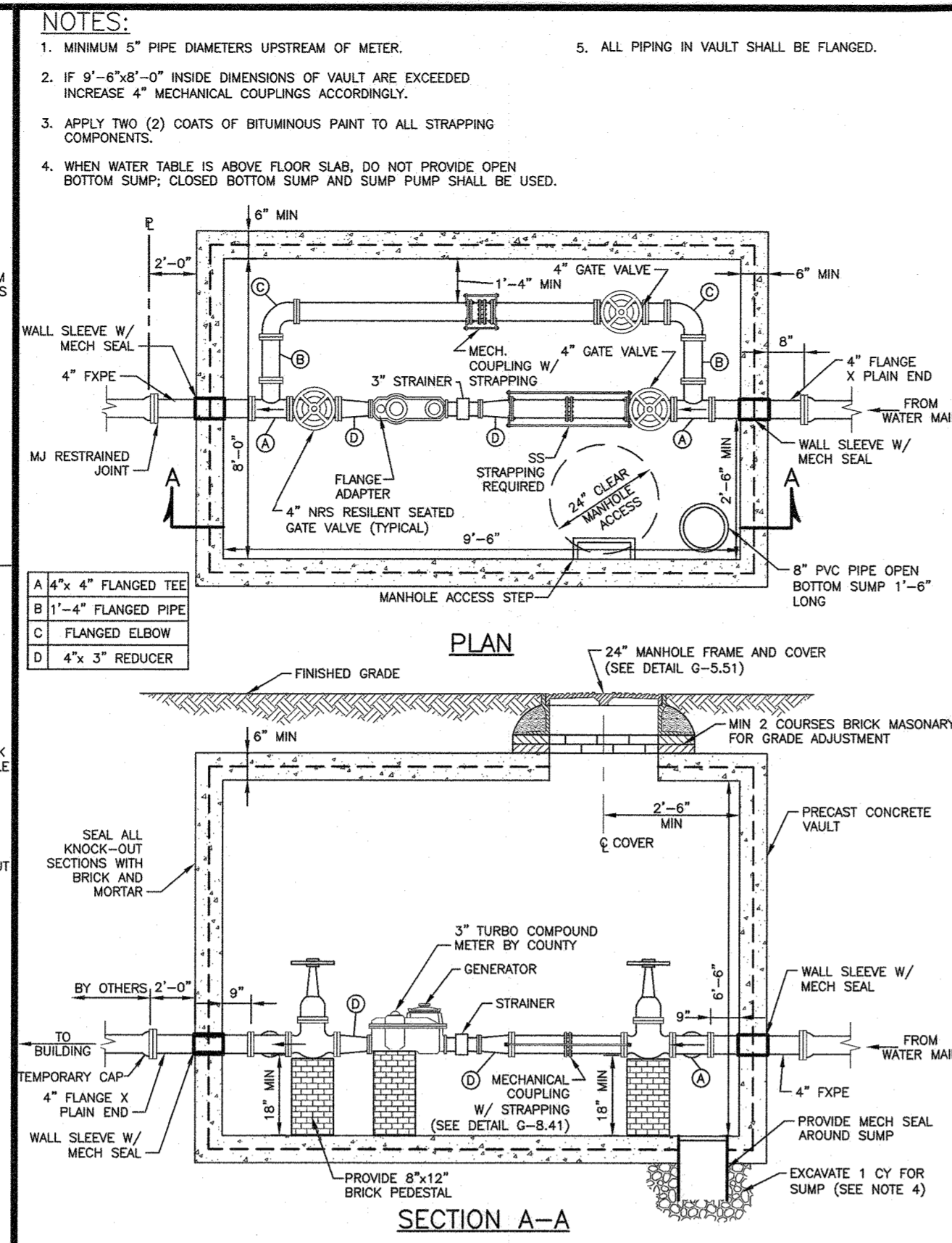
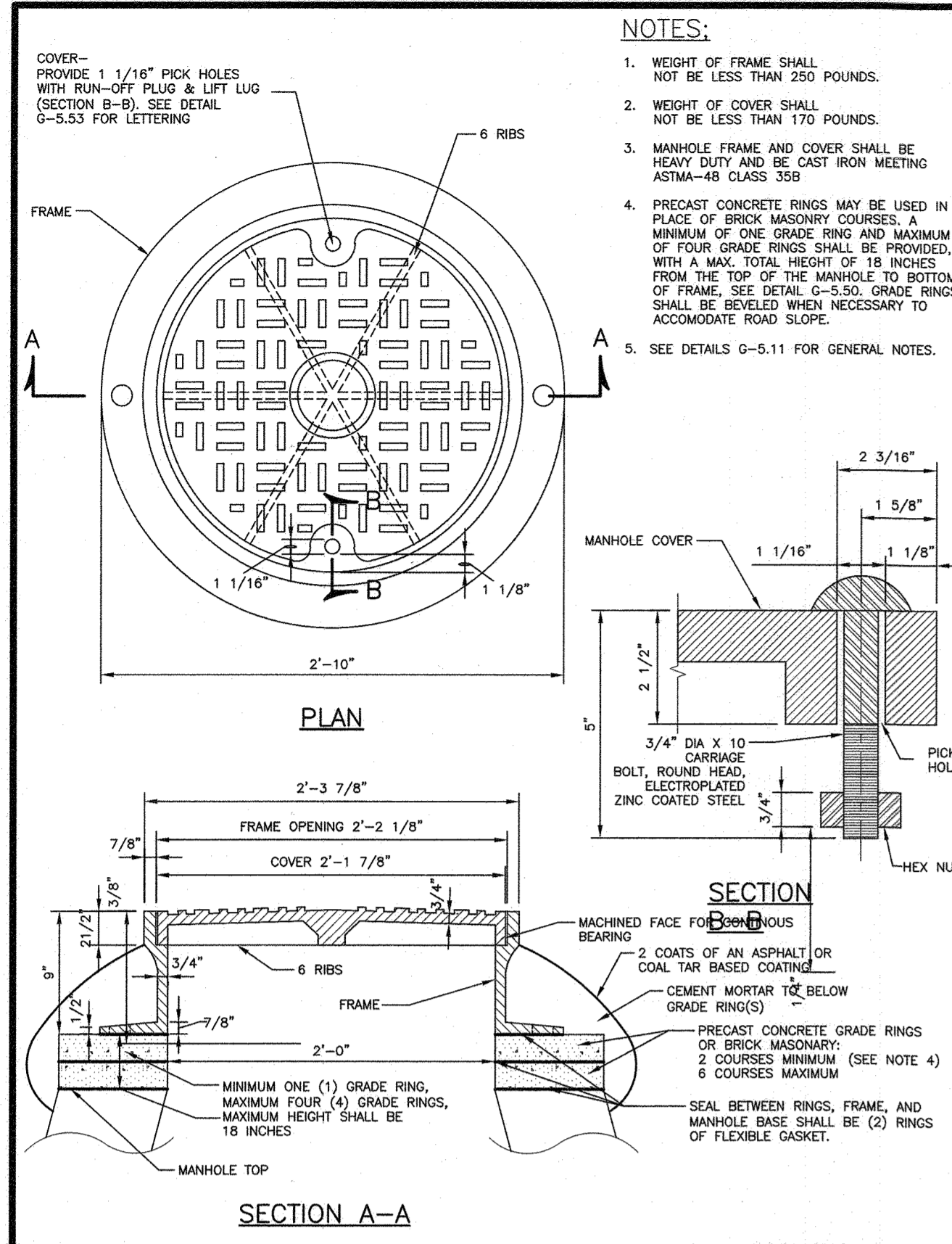
CHIEF, UTILITY DESIGN DIVISION DATE



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 3430 COURT HOUSE DR
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		SCALE: AS SHOWN
		DATE: 03/23/21
		DRAWN BY: MNC
		DESIGN BY: CWWW
		REVIEW BY: MBT
		SHEET: 5 OF 10



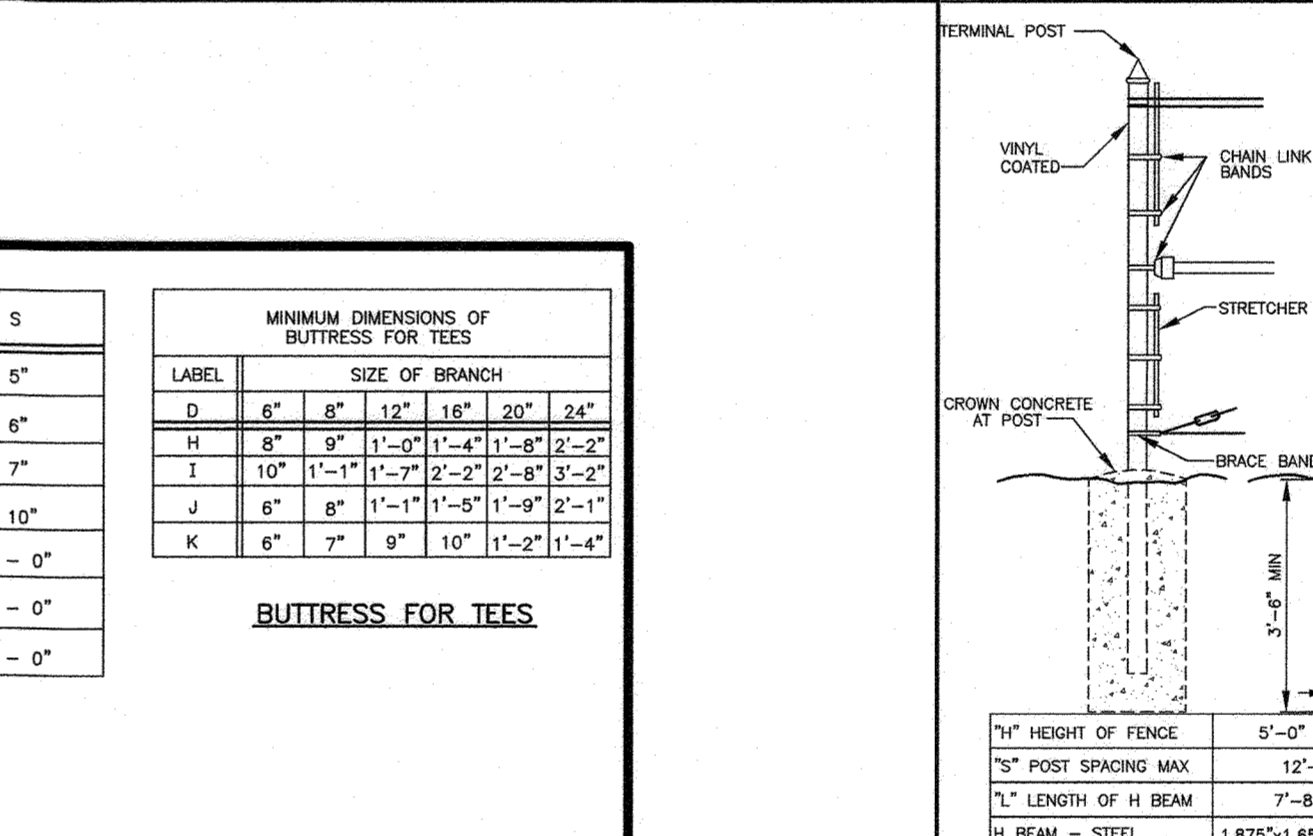
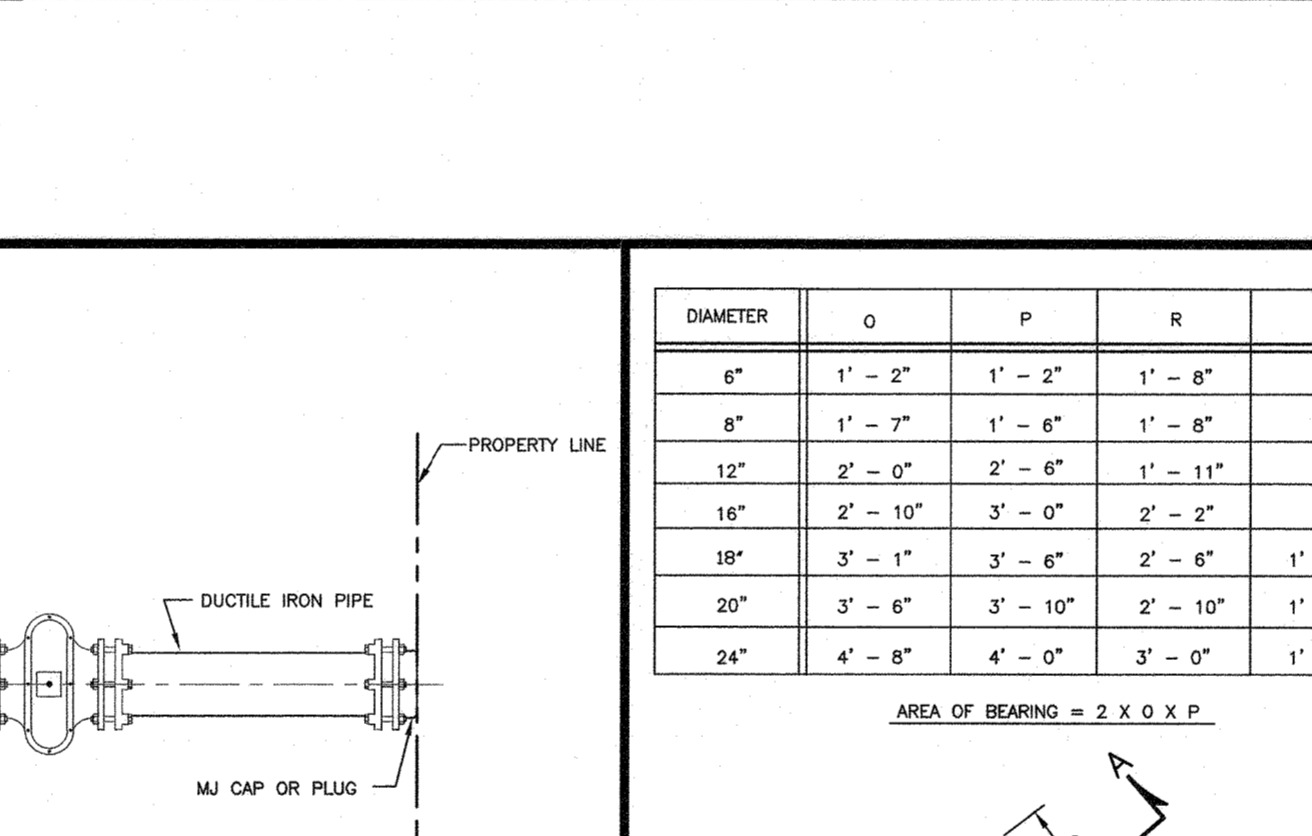
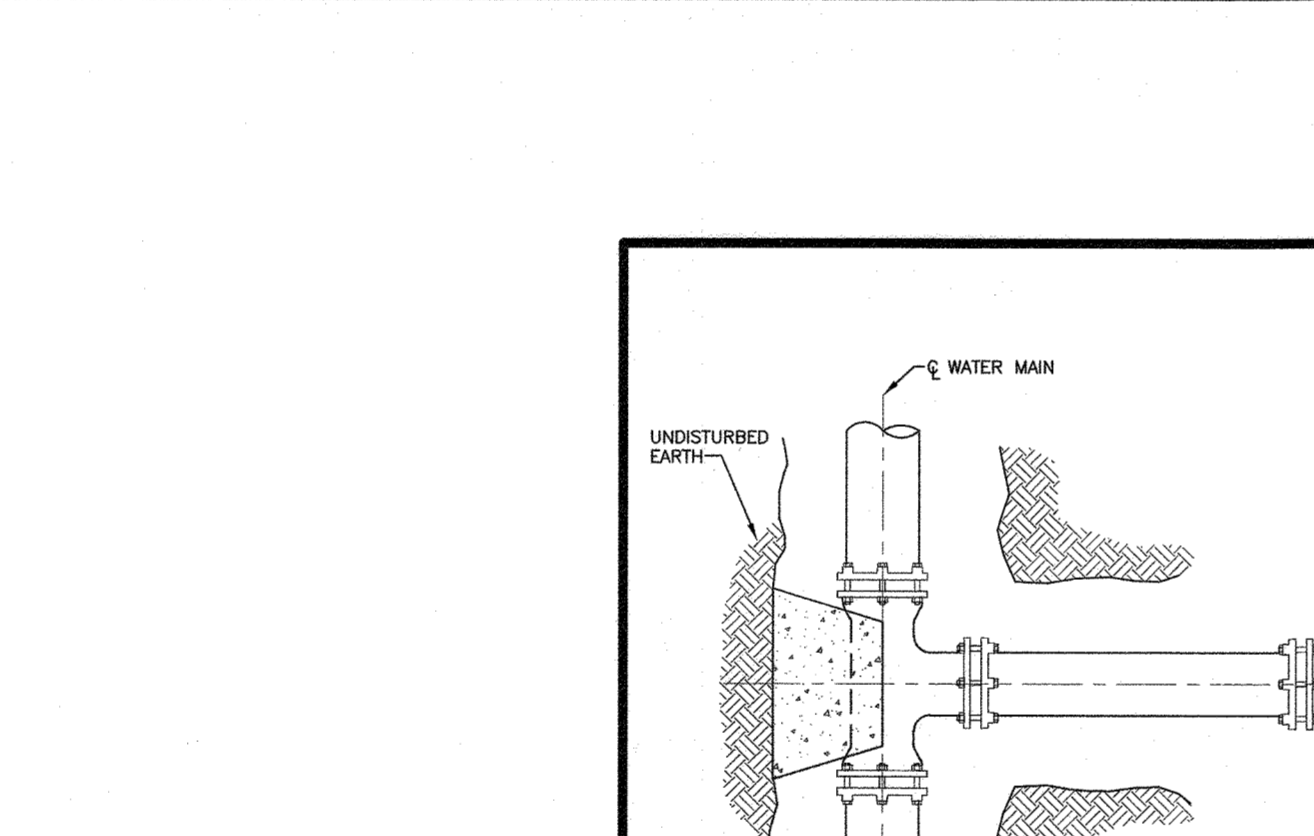
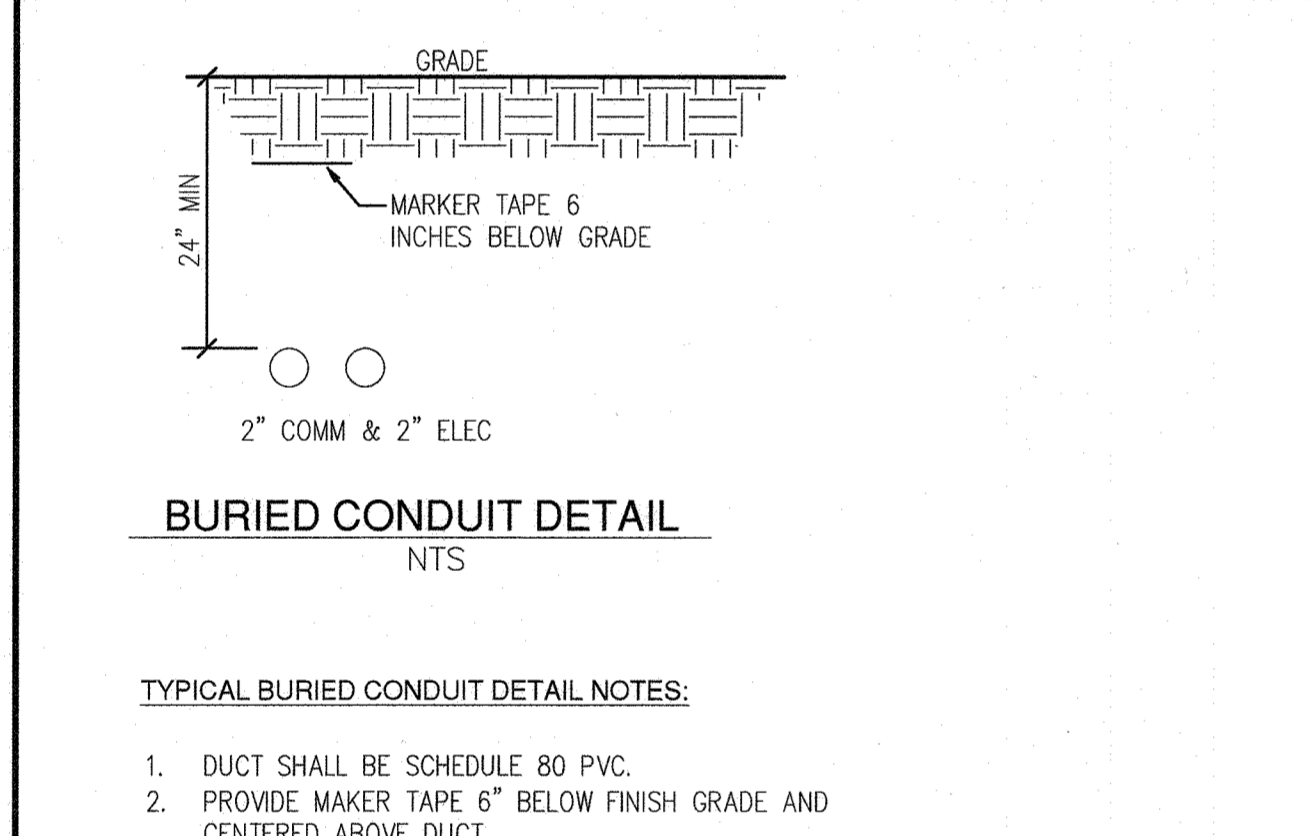
Howard County, Maryland
Department of Public Works
Manhole Heavy Traffic Frame and Cover
Detail
G-5.51

Howard County, Maryland
Department of Public Works
Water Meter 3" Meter Vault
Detail
W-3.35

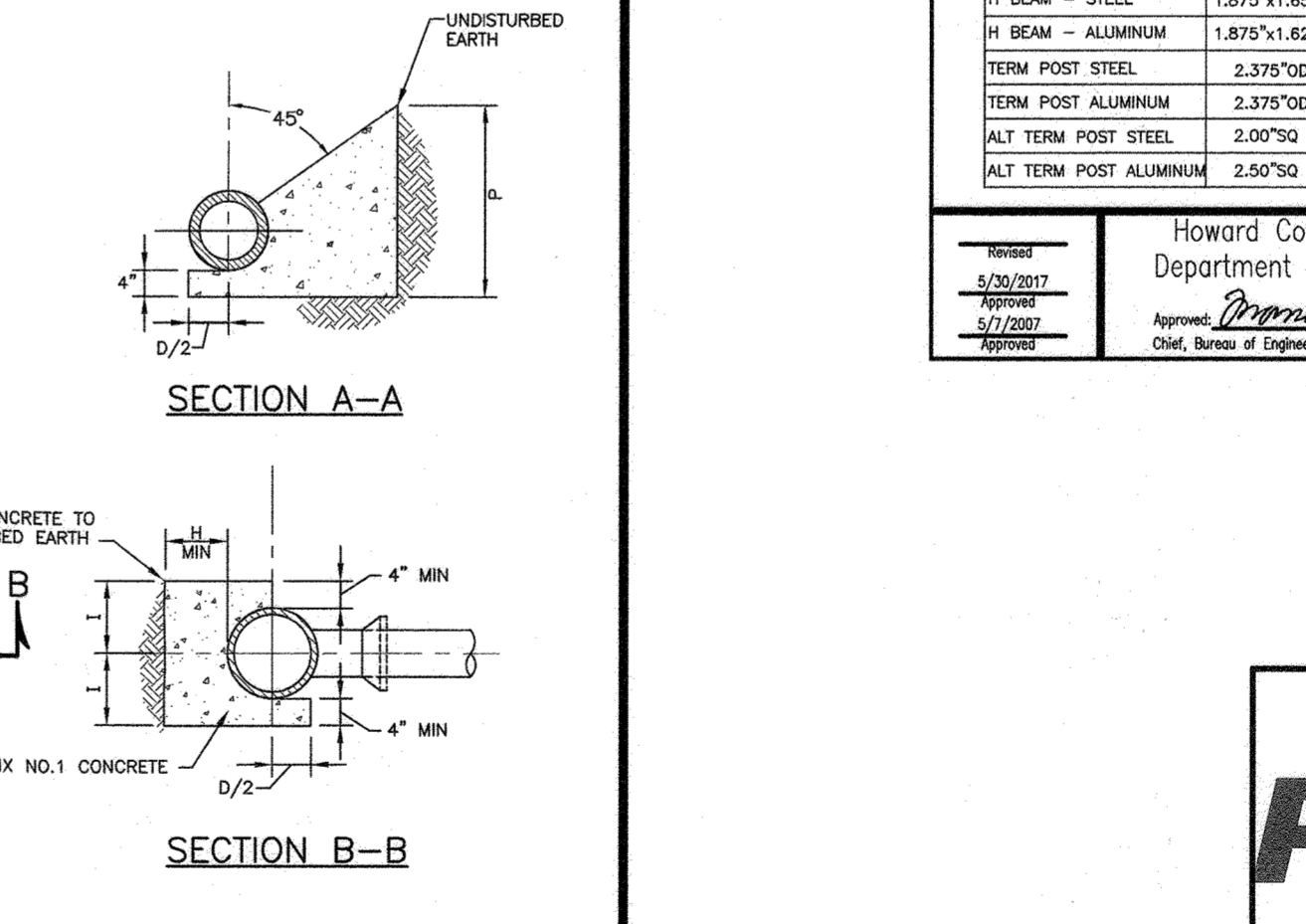
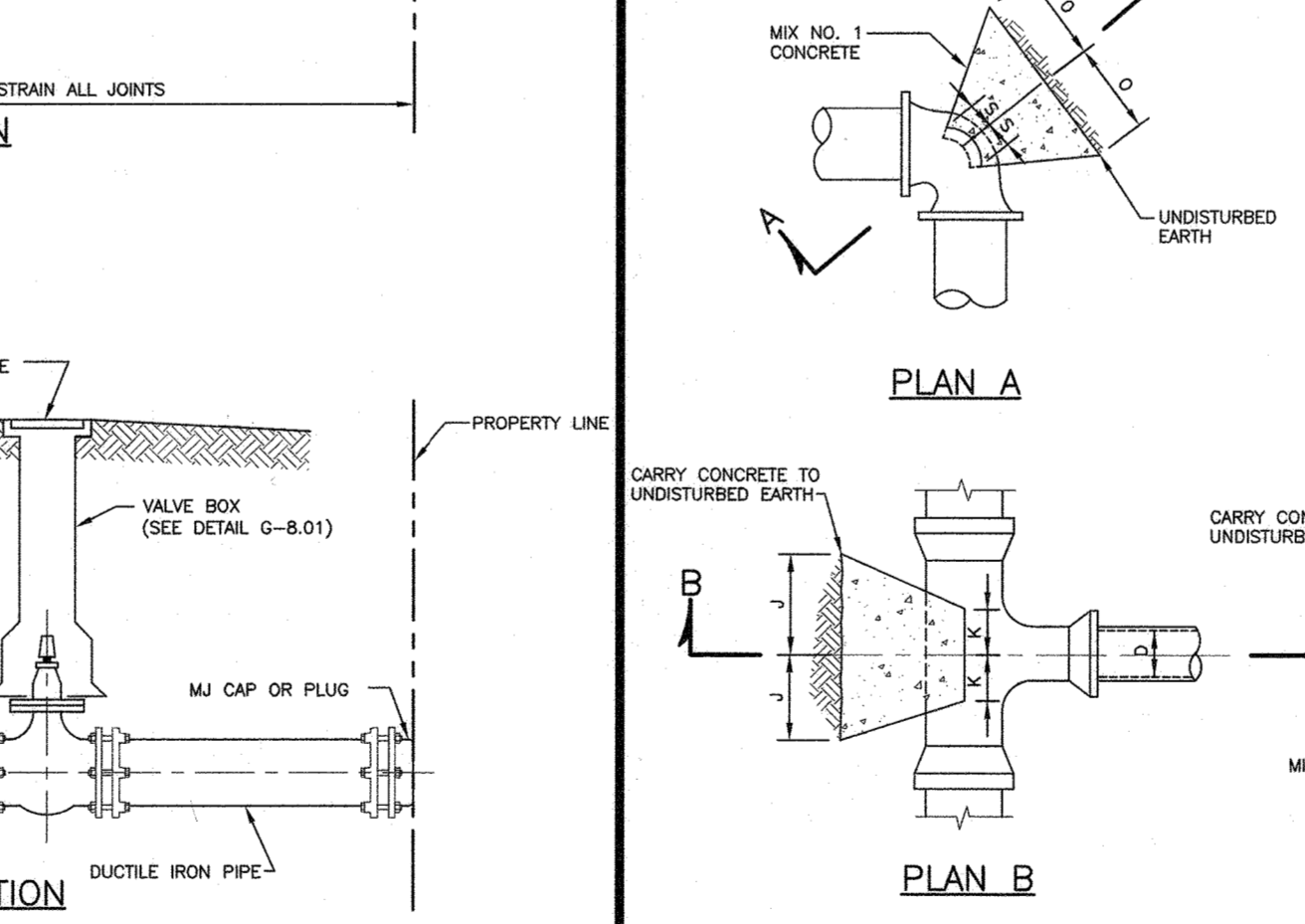
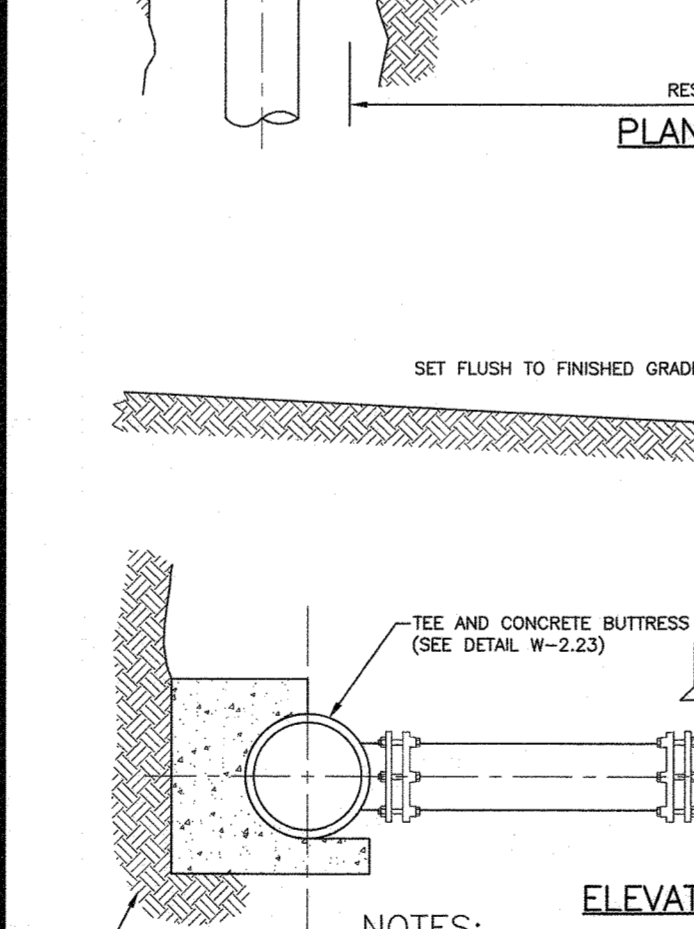
Howard County, Maryland
Department of Public Works
Pipe Trench DIP & RCP
Detail
G-2.11

Howard County, Maryland
Department of Public Works
Utility Trench Roadway Repaving
Detail
G-4.01

Howard County, Maryland
Department of Public Works
Valve Box Adjustable Round Head
Detail
G-8.01



SECTION NUMBER	ROAD AND STREET CLASSIFICATION	CALIFORNIA BEARING RATIO (CBR)	3 TO <5				5 TO <7				7 TO <9				9 TO <11				11 TO <13			
			MIN HMA WITH GAB	HMA WITH CONSTANT GAB	MIN HMA WITH GAB	HMA WITH CONSTANT GAB	MIN HMA WITH GAB	HMA WITH CONSTANT GAB	MIN HMA WITH GAB	HMA WITH CONSTANT GAB	MIN HMA WITH GAB	HMA WITH CONSTANT GAB	MIN HMA WITH GAB	HMA WITH CONSTANT GAB	MIN HMA WITH GAB	HMA WITH CONSTANT GAB	MIN HMA WITH GAB	HMA WITH CONSTANT GAB				
P-1	PARKING BAYS: RESIDENTIAL AND NON-RESIDENTIAL. PARKING DRIVE AISLES: RESIDENTIAL AND NON-RESIDENTIAL WITH NO MORE THAN 2 HEAVY TRUCKS PER DAY.	HMA SUPERPAVE FINAL SURFACE	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5		
		HMA SUPERPAVE INTERMEDIATE SURFACE (NA)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
		HMA SUPERPAVE BASE	2.0	2.0	2.0	3.5	3.0	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
		GRADED AGGREGATE BASE (GAB)	8.5	7.0	5.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
P-2	PARKING DRIVE AISLES: RESIDENTIAL AND NON-RESIDENTIAL WITH NO MORE THAN 10 HEAVY TRUCKS PER DAY. LOCAL ROADS: ACCESS PLACE, ACCESS STREET. CUL-DE-SACS: RESIDENTIAL.	HMA SUPERPAVE FINAL SURFACE	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5		
		HMA SUPERPAVE INTERMEDIATE SURFACE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
		HMA SUPERPAVE BASE	2.0	2.0	2.0	3.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
		GRADED AGGREGATE BASE (GAB)	8.0	4.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
P-3	PARKING DRIVE AISLES: RESIDENTIAL AND NON-RESIDENTIAL WITH NO MORE THAN 10 HEAVY TRUCKS PER DAY. LOCAL ROADS: ACCESS PLACE, ACCESS STREET. CUL-DE-SACS: NON-RESIDENTIAL. MINOR COLLECTORS: RESIDENTIAL.	HMA SUPERPAVE FINAL SURFACE	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5		
		HMA SUPERPAVE INTERMEDIATE SURFACE	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
		HMA SUPERPAVE BASE	3.0	3.0	3.0	4.5	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
		GRADED AGGREGATE BASE (GAB)	10.0	6.0	3.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	
P-4	MINOR COLLECTORS: NON-RESIDENTIAL MAJOR COLLECTORS.	HMA SUPERPAVE FINAL SURFACE	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0		
		HMA SUPERPAVE INTERMEDIATE SURFACE	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5		
		HMA SUPERPAVE BASE	4.0	4.0	3.0	6.0	5.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
		GRADED AGGREGATE BASE (GAB)	13.0	7.0	4.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION

DATE: 4/5/21

CHIEF, DIVISION OF LAND DEVELOPMENT

DATE: 4/19/21

DIRECTOR, DEPARTMENT OF PLANNING AND ZONING

DATE: 4/19/21

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DIRECTOR OF PUBLIC WORKS

DATE: _____

CHIEF, BUREAU OF ENGINEERING

DATE: _____

CHIEF, BUREAU OF TRANSPORTATION

DATE: _____

CHIEF, UTILITY DESIGN DIVISION

DATE: _____

Howard County, Maryland
Department of Public Works
Water Service Connection
3", 4", 6", 8", 10", & 12"

Detail
W-3.24

Howard County, Maryland
Department of Public Works
Water Main
Tee & 1/4 Bend

Detail
W-2.23

Howard County, Maryland
Department of Public Works
Chain Link Fence

Detail
G-7.21

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**REVISED SITE DEVELOPMENT PLAN
VERIZON WIRELESS-DUNLOGGIN
SDP-08-072**

C-210 SITE & UTILITY DETAILS

LIBER: 1710 - FOLIO: 633 - PARCEL: 408
ZONED: POR - TAX MAP: 30 - GRID: 10
2ND ELECTION DISTRICT - HOWARD COUNTY, MARYLAND

DATE: 03/23/21

REVISIONS: NEW SHEET FOR PROPOSED DRIVEWAY, FENCE & BRINE FACILITY

JOB NO.: 17240.017

SCALE: AS SHOWN

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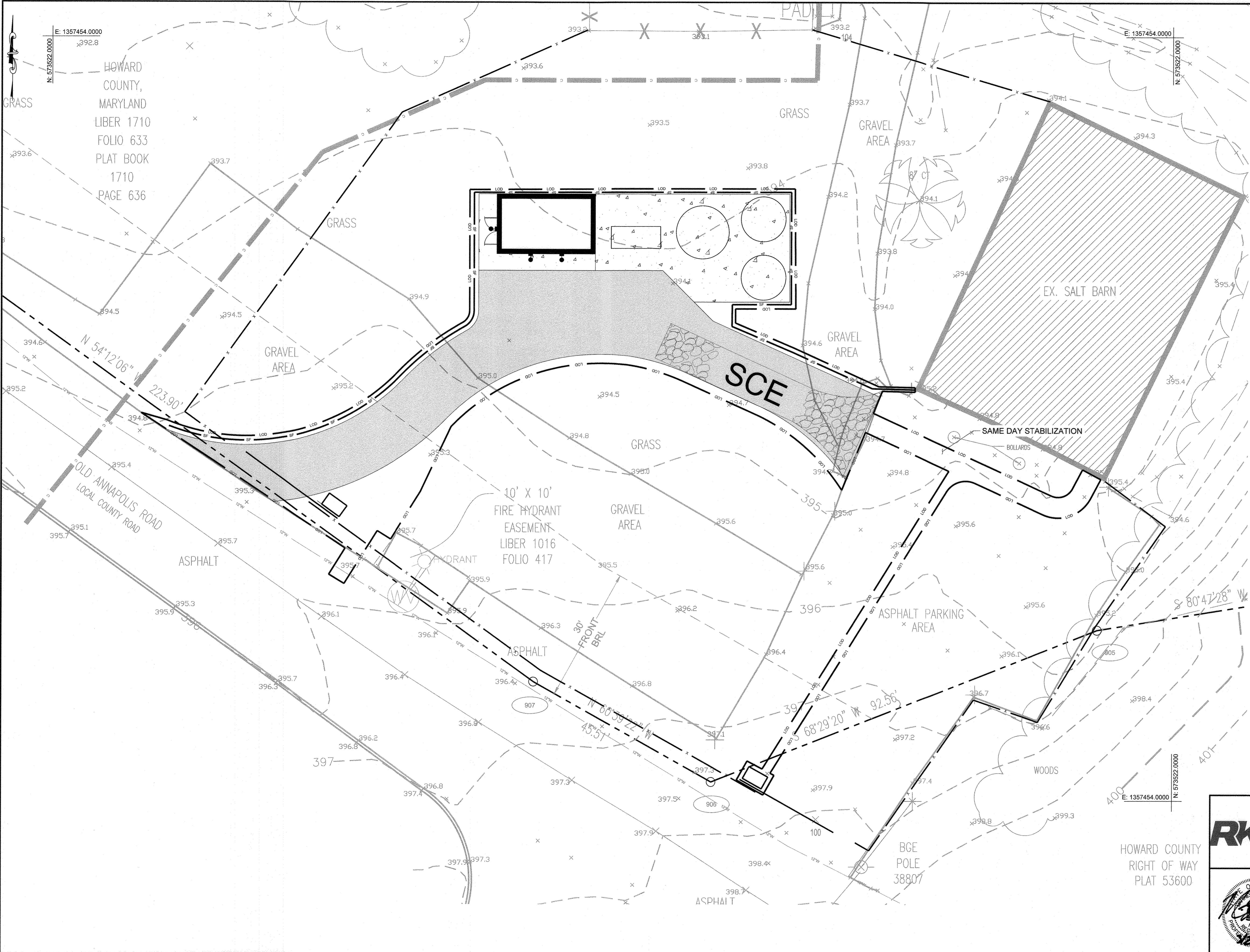
DRAWN BY: MNC

DESIGN BY: CWWW

REVIEW BY: MBT

SHEET: 6 OF 10

SDP-08-072



HOWARD COUNTY, MARYLAND
LIBER 1710 FOLIO 633
PLAT BOOK 1710 PAGE 636

- LEGEND**
- PROPOSED CONCRETE PAVEMENT
 - PROPOSED ASPHALT DRIVE
 - PROPOSED BRINE SHED
 - PROPOSED LIMIT OF DISTURBANCE (APPX. 4,900 SF)
 - SILT FENCE
 - PROPOSED FENCE
 - PROPERTY BOUNDARY
 - SCE

PERMIT INFORMATION CHART					
PROJECT NAME OLD ANNAPOLIS ROAD SALT BRINE FACILITY		SECTION/AREA N/A	PARCEL 408		
LIBER / FOLIO 1710 / 633	GRID # 10	ZONING POR	TAX MAP NO. 30	ELECT. DIST. 2	CENSUS TRACT 602306
WATER CODE: E21			SEWER CODE: 6440000		

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**REVISED SITE DEVELOPMENT PLAN
VERIZON WIRELESS-DUNLOGGIN
SDP-08-072
C-300 EROSION AND SEDIMENT CONTROL PLAN**

LIBER: 1710 - FOLIO: 633 - PARCEL: 408
ZONED: POR - TAX MAP: 30 - GRID: 10
2ND ELECTION DISTRICT - HOWARD COUNTY, MARYLAND

DATE	REVISIONS	JOB NO.:
03/23/21	NEW SHEET FOR PROPOSED DRIVEWAY, FENCE & BRINE FACILITY	17240.017
		SCALE: AS SHOWN
		DATE: 03/23/21
		DRAWN BY: MNC
		DESIGN BY: CWWW
		REVIEW BY: MBT
		SHEET: 7 OF 10

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chad Edman
CHIEF, DEVELOPMENT ENGINEERING DIVISION
DATE: 4.5.21

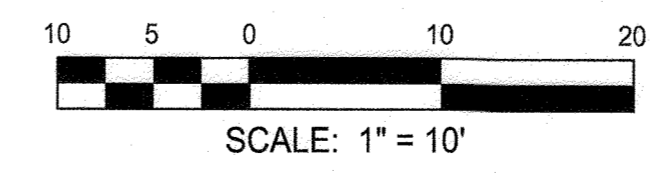
Allyson
CHIEF, DIVISION OF LAND DEVELOPMENT
DATE: 4/19/21

Angie Conner
DIRECTOR, DEPARTMENT OF PLANNING AND ZONING

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DIRECTOR OF PUBLIC WORKS DATE CHIEF, BUREAU OF ENGINEERING DATE

CHIEF, BUREAU OF TRANSPORTATION DATE CHIEF, UTILITY DESIGN DIVISION DATE



PROFESSIONAL CERTIFICATION
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. 41799
EXPIRATION DATE: APRIL 12, 2022

PROPERTY OWNER / DEVELOPER
HOWARD COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
3430 COURT HOUSE DR
ELLICOTT CITY, MD 211043

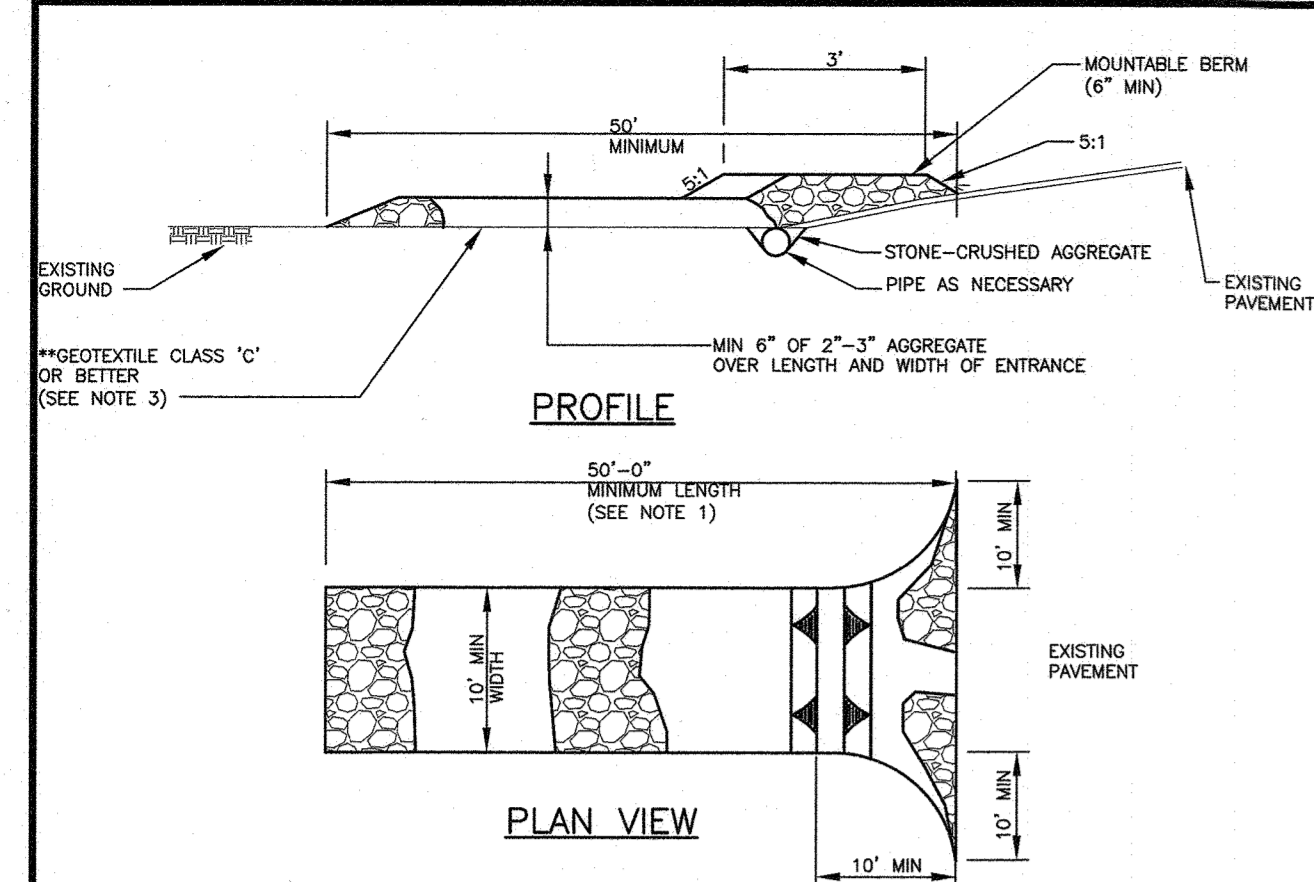
\\bolser05\2017\2017\17240_HoCoOnCall\Howard County\Task 17 - Brine Facility\CADD\Plans\C-300 Erosion and Sediment Control Plan.dwg Mar 22, 2021 10:39am zbrown

HOWARD COUNTY
STANDARD SEDIMENT CONTROL NOTES

- A PRE-CONSTRUCTION MEETING MUST OCCUR WITH THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS, CONSTRUCTION INSPECTION DIVISION (CID), 410-313-1855 AFTER THE FUTURE LOD AND PROTECTED AREAS ARE MARKED CLEARLY IN THE FIELD. A MINIMUM OF 48 HOUR NOTICE TO CID MUST BE GIVEN AT THE FOLLOWING STAGES:
 - PRIOR TO THE START OF EARTH DISTURBANCE,
 - UPON COMPLETION OF THE INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING,
 - PRIOR TO THE START OF ANOTHER PHASE OF CONSTRUCTION OR OPENING OF ANOTHER GRADING UNIT,
 - PRIOR TO THE REMOVAL OR MODIFICATION OF SEDIMENT CONTROL PRACTICES.

OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE. OTHER RELATED STATE AND FEDERAL PERMITS SHALL BE REFERENCED, TO ENSURE COORDINATION AND TO AVOID CONFLICTS WITH THIS PLAN.

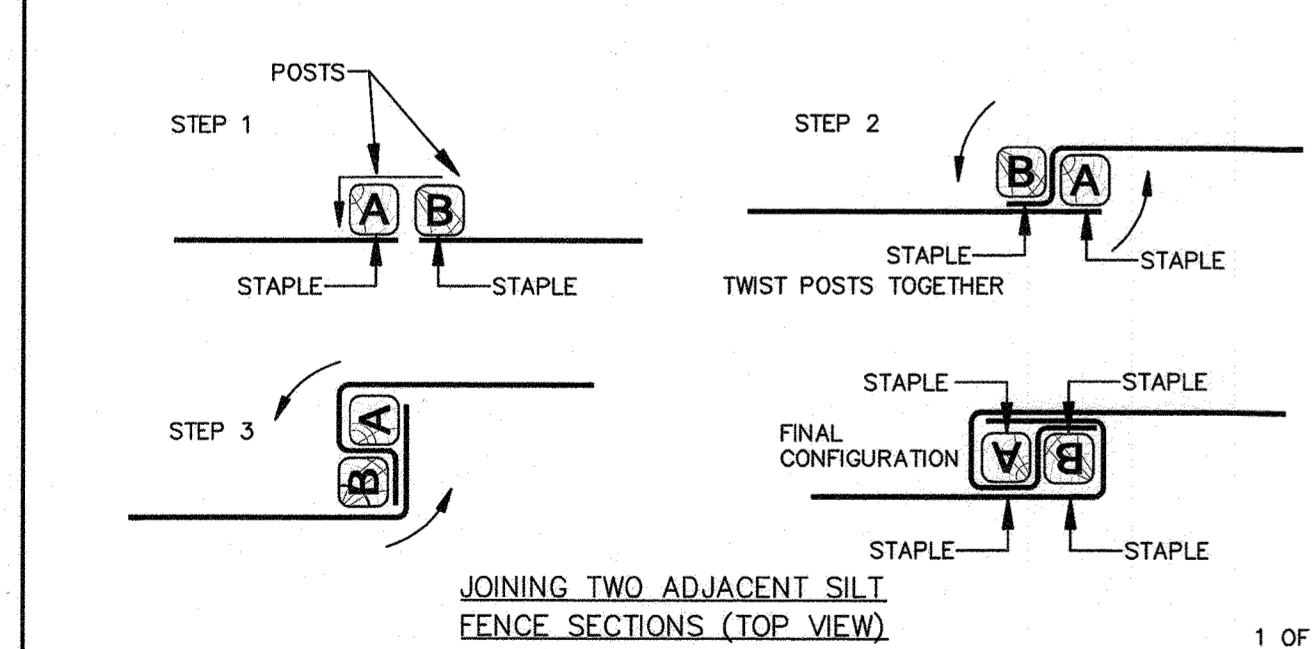
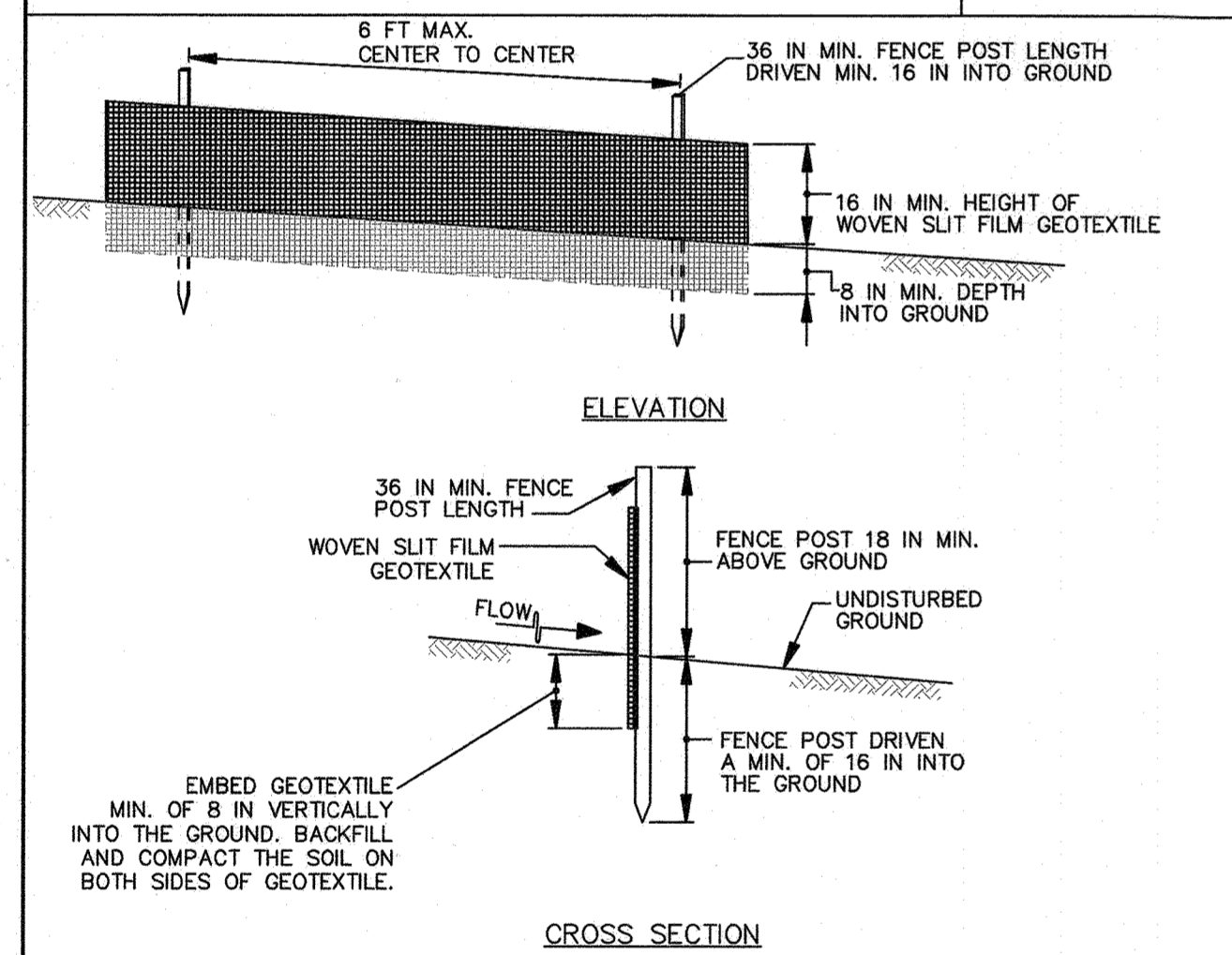
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, AND REVISIONS THERETO.
- FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION IS REQUIRED WITHIN THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED AREAS ON THE PROJECT SITE EXCEPT FOR THOSE AREAS UNDER ACTIVE GRADING.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR TOPSOIL (SEC. B-4-2), PERMANENT SEEDING (SEC. B-4-5), TEMPORARY SEEDING (SEC. B-4-4) AND MULCHING (SEC. B-4-3). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE APPLIED BETWEEN THE FALL AND SPRING SEEDING DATES IF THE GROUND IS FROZEN. INCREMENTAL STABILIZATION (SEC. B-4-1) SPECIFICATIONS SHALL BE ENFORCED IN AREAS WITH >15' OF CUT AND/OR FILL. STOCKPILES (SEC. B-4-8) IN EXCESS OF 20 FT. MUST BE BENCHED WITH STABLE OUTLET. ALL CONCENTRATED FLOW, STEEP SLOPE, AND HIGHLY ERODIBLE AREAS SHALL RECEIVE SOIL STABILIZATION MATTING (SEC. B-4-6).



NOTES:

- LENGTH - MINIMUM OF 50' (30' FOR SINGLE RESIDENCE LOT).
- WIDTH - 10' MINIMUM SHOULD BE MAINTAINED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
- GEOTEXTILE FABRIC (FILTER CLOTH) SHALL BE PLACED OVER THE EXISTING GROUND PRIOR TO PLACING STONE. **THE PLAN APPROVAL AUTHORITY MAY NOT REQUIRE SINGLE FAMILY RESIDENCES TO USE GEOTEXTILE.
- STONE-CRUSHED AGGREGATE (2" TO 3") OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT SHALL BE PLACED AT LEAST 6" DEEP OVER THE LENGTH AND WIDTH OF THE ENTRANCE.
- SURFACE WATER-ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND A MINIMUM OF 6" OF STONE OVER THE PIPE. PIPE HAS TO BE SIZED ACCORDING TO THE DRAINAGE. WHEN THE SIZE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY A PIPE WILL NOT BE NECESSARY. PIPE SHOULD BE SIZED ACCORDING TO THE AMOUNT OF RUNOFF TO BE CONVEYED. A 6" MINIMUM DIAMETER IS REQUIRED.
- LOCATION- A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED AT EVERY POINT WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES A CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF STABILIZED CONSTRUCTION ENTRANCE.
- STABILIZED CONSTRUCTION ENTRANCE SHALL BE PLACED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. ADDITIONAL ENTRANCES ARE PROHIBITED.

Howards	Howard County, Maryland Department of Public Works	Stabilized Construction Entrance	Detail G-6.01
5/20/2017	Approved: <i>Prerna S. Senthil</i> Chief, Bureau of Engineering		



MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL	MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL
U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE
2011	2011
MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING <i>[Signature]</i> CHIEF, DEVELOPMENT ENGINEERING DIVISION	DATE: 4.5.21	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND
CHIEF, DIVISION OF LAND DEVELOPMENT <i>[Signature]</i>	DATE: 4/17/21	DIRECTOR OF PUBLIC WORKS DATE
DIRECTOR, DEPARTMENT OF PLANNING AND ZONING	DATE	CHIEF, BUREAU OF ENGINEERING DATE
		CHIEF, BUREAU OF TRANSPORTATION DATE
		CHIEF, UTILITY DESIGN DIVISION DATE

- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE, AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE CID.
- SITE ANALYSIS:
 - *TOTAL AREA OF SITE: 0.11 ACRES
 - *AREA DISTURBED: 0.11 ACRES
 - *AREA TO BE ROOFED OR PAVED: 0.07 ACRES
 - *AREA TO BE VEGETATIVELY STABILIZED: 0.04 ACRES
 - *TOTAL CUT: 50 CU. YDS.
 - *TOTAL FILL: 50 CU. YDS.
 - OFFSITE WASTE/BORROW AREA LOCATION: NONE
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE CID. THE SITE AND ALL CONTROLS SHALL BE INSPECTED BY THE CONTRACTOR WEEKLY; AND THE NEXT DAY AFTER EACH RAIN EVENT. A WRITTEN REPORT BY THE CONTRACTOR, MADE AVAILABLE UPON REQUEST, IS PART OF EVERY INSPECTION AND SHOULD INCLUDE:
 - INSPECTION DATE
 - INSPECTION TYPE (ROUTINE, PRE-STORM EVENT, DURING RAIN EVENT)
 - NAME AND TITLE OF INSPECTOR
 - WEATHER INFORMATION (CURRENT CONDITIONS AS WELL AS TIME AND AMOUNT OF LAST RECORDED PRECIPITATION)
 - BRIEF DESCRIPTION OF PROJECT'S STATUS (E.G., PERCENT COMPLETE) AND/OR CURRENT ACTIVITIES
 - EVIDENCE OF SEDIMENT DISCHARGES
 - IDENTIFICATION OF PLAN DEFICIENCIES
 - IDENTIFICATION OF SEDIMENT CONTROLS THAT REQUIRE MAINTENANCE
 - IDENTIFICATION OF MISSING OR IMPROPERLY INSTALLED SEDIMENT CONTROLS
 - COMPLIANCE STATUS REGARDING THE SEQUENCE OF CONSTRUCTION AND STABILIZATION REQUIREMENTS
 - PHOTOGRAPHS
 - MONITORING/SAMPLING
 - MAINTENANCE AND/OR CORRECTIVE ACTION PERFORMED
 - OTHER INSPECTION ITEMS AS REQUIRED BY THE GENERAL PERMIT FOR STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES (NPDES, MDE).
- TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH CAN AND SHALL BE BACK-FILLED AND STABILIZED BY THE END OF EACH WORKDAY, WHICHEVER IS SHORTER.
- ANY MAJOR CHANGES OR REVISIONS TO THE PLAN OR SEQUENCE OF CONSTRUCTION MUST BE REVIEWED AND APPROVED BY THE HSCD PRIOR TO PROCEEDING WITH CONSTRUCTION. MINOR REVISIONS MAY ALLOWED BY THE CID PER THE LIST OF HSCD-APPROVED FIELD CHANGES.
- DISTURBANCE SHALL NOT OCCUR OUTSIDE THE L.O.D. A PROJECT IS TO BE SEQUENCED SO THAT GRADING ACTIVITIES BEGIN ON ONE GRADING UNIT (MAXIMUM ACREAGE OF 20 AC. PER GRADING UNIT) AT A TIME. WORK MAY PROCEED TO A SUBSEQUENT GRADING UNIT WHEN AT LEAST 50 PERCENT OF THE DISTURBED AREA IN THE PRECEDING GRADING UNIT HAS BEEN STABILIZED AND APPROVED BY THE CID. UNLESS OTHERWISE SPECIFIED AND APPROVED BY THE HSCD, NO MORE THAN 30 ACRES CUMULATIVELY MAY BE DISTURBED AT A GIVEN TIME.
- WASH WATER FROM ANY EQUIPMENT, VEHICLES, WHEELS, PAVEMENT, AND OTHER SOURCES MUST BE TREATED IN A SEDIMENT BASIN OR OTHER APPROVED WASHOUT STRUCTURE.
- TOPSOIL SHALL BE STOCKPILED AND PRESERVED ON-SITE FOR REDISTRIBUTION ONTO FINAL GRADE.
- ALL SILT FENCE AND SUPER SILT FENCE SHALL BE PLACED ON-THE-CONTOUR, AND BE IMBRICATED AT 25' MINIMUM INTERVALS, WITH LOWER ENDS CURLED UPHILL BY 2' IN ELEVATION.
- STREAM CHANNELS MUST NOT BE DISTURBED DURING THE FOLLOWING RESTRICTED TIME PERIODS (INCLUSIVE):
 - USE I AND IP MARCH 1 - JUNE 15
 - USE III AND IIIP OCTOBER 1 - APRIL 30
 - USE IV MARCH 1 - MAY 31
- A COPY OF THIS PLAN, THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, AND ASSOCIATED PERMITS SHALL BE ON-SITE AND AVAILABLE WHEN THE SITE IS ACTIVE.

EROSION SEDIMENT CONTROL NOTES
(PROJECTS < 30,000 SF)

- CUTS/FILLS SHALL NOT EXCEED 10' IN DEPTH.
- NO EARTH DISTURBANCE SHALL OCCUR WITHIN THE LIMITS OF ANY 100 YEAR FLOORPLAIN OR 100 FEET OF ANY STREAM OR WATER BODY.
- THE PROPOSED WORK DOES NOT REQUIRE A STATE WATERWAY OR WETLAND PERMIT.
- THE OWNER SHALL NOTIFY THE HOWARD COUNTY CONSTRUCTION INSPECTION DIVISION AT 410-313-1855 AT LEAST 48 HOURS PRIOR TO STARTING SITE WORK.
- THE HOWARD COUNTY CONSTRUCTION INSPECTION DIVISION SHALL HAVE ACCESS TO THE PROPERTY FOR INSPECTION PURPOSES.
- IF ADEQUATE EROSION AND SEDIMENT CONTROL MEASURES ARE NOT PROVIDED IN ACCORDANCE WITH THIS PLAN, THE HOWARD COUNTY CONSTRUCTION INSPECTION DIVISION RESERVES THE RIGHT TO REQUIRE CORRECTIVE ACTION.
- THIS EROSION SEDIMENT CONTROL PLAN REMAINS VALID FOR THREE (3) YEARS FROM THE APPROVAL DATE.
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY EARTH DISTURBANCE EXCEPT THAT NECESSARY FOR INSTALLATION OF THE CONTROLS.
- ALL EROSION SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED AND MAINTAINED ACCORDING TO THE CRITERIA CONTAINED IN THE MOST CURRENT VERSION OF THE MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- ALL CLEARING AND GRADING SHALL BE COMPLETED IN THE FOLLOWING SEQUENCE:
 - LIMIT INITIAL CLEARING AND GRUBBING FOR THE INSTALLATION OF THE CONSTRUCTION ENTRANCE, PERIMETER CONTROLS AND ANY REMAINING CONTROLS.
 - INSTALL STABILIZED CONSTRUCTION ENTRANCE, PERIMETER SILT FENCE AND ANY OTHER SEDIMENT CONTROLS.
 - CLEAR, GRUB AND GRADE THE REMAINDER OF THE SITE AS SPECIFIED BY THE LIMITS OF DISTURBANCE SHOWN ON THE ATTACHED PLAT.
 - CONSTRUCT ANY STRUCTURES AND UTILITIES.
 - PROVIDE FINAL GRADING AND STABILIZATION ACCORDING TO THE SEEDING OR SODDING SPECIFICATIONS (MINIMUM STABILIZATION BY SEEDING AND MULCHING).
 - AFTER THE SITE HAS BEEN STABILIZED WITH ADEQUATE VEGETATION AND WITH THE PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL PRACTICES AND STABILIZE REMAINING DISTURBED AREAS.
- ALL EROSION SEDIMENT CONTROL DEVICES REQUIRE CONTINUAL MAINTENANCE. ANY CONTROLS THAT ARE DAMAGED OR DISTURBED SHALL BE RESTORED OR REPAIRED BEFORE THE END OF EACH DAY.
- DEVELOPMENT ACTIVITIES SHALL NOT IMPAIR ANY DRAINAGE. CREATE AN EROSION HAZARD, OR CREATE A SOURCE OF SEDIMENT TO ANY ADJACENT WATERCOURSE, WETLAND OR PROPERTY.
- ANY PUMPING OF WATER MUST BE FILTERED OR DONE ACCORDING TO THE CRITERIA CONTAINED IN THE MOST CURRENT VERSION OF THE MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN THREE (3) CALENDAR DAYS FOR ALL SEDIMENT CONTROL STOCKPILES, AND 3:1 OR GREATER SLOPES AND SEVEN (7) DAYS FOR ALL OTHER DISTURBED AREAS ON THE SITE NOT BEING ACTIVELY GRADED.
- ALL CONCRETE AND ASPHALT PAVEMENT AREAS REQUIRE SAME DAY STABILIZATION.

PERMIT INFORMATION CHART				
PROJECT NAME OLD ANNAPOLIS ROAD SALT BRINE FACILITY	SECTION/AREA N/A	PARCEL 408		
LIBER / FOLIO 1710 / 633	GRID # 10	ZONING FOR	TAX MAP NO. 30	ELECT. DIST. 2
WATER CODE: E21			SEWER CODE: 6440000	

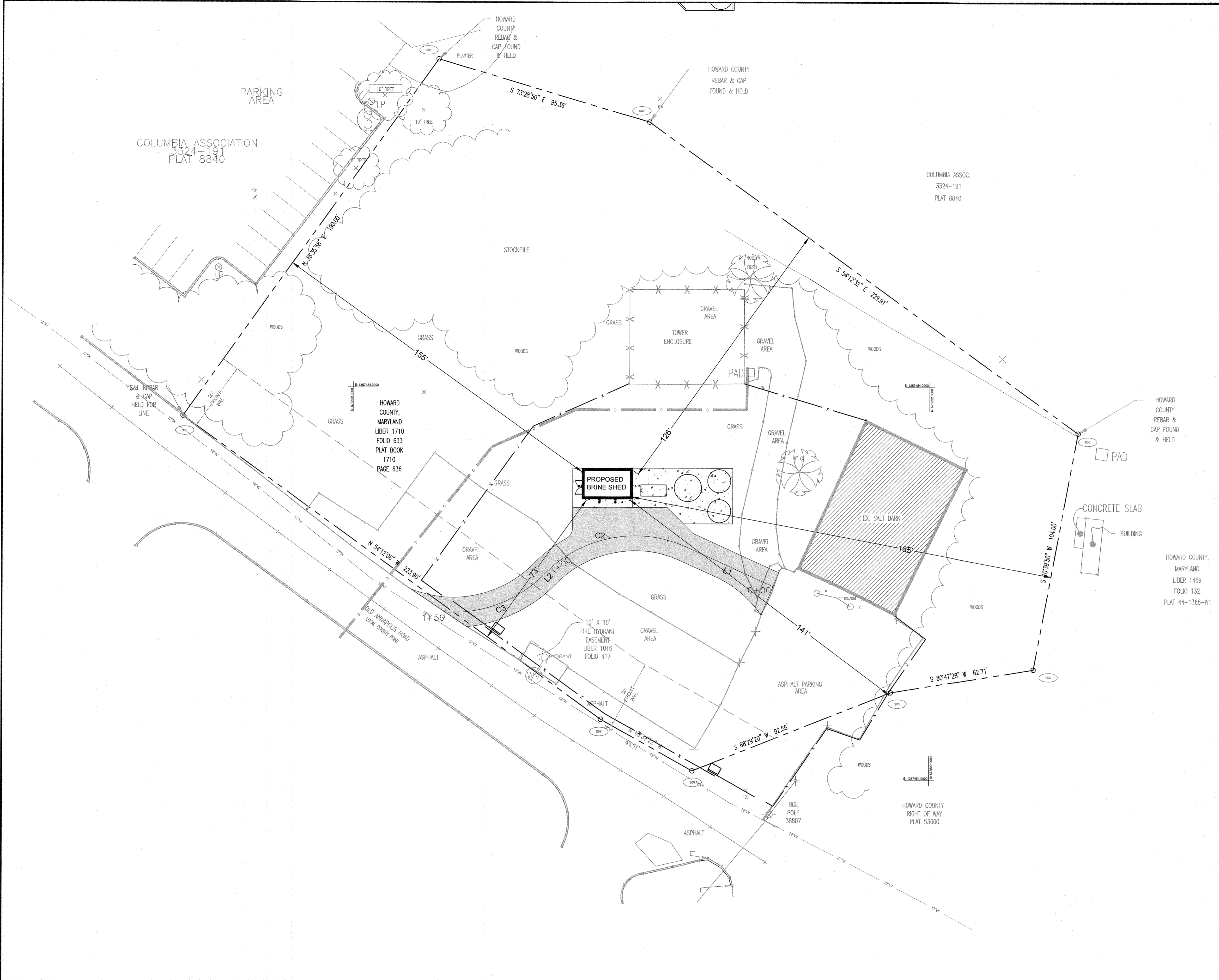
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REVISED SITE DEVELOPMENT PLAN
VERIZON WIRELESS-DUNLOGGIN
SDP-08-072
C-310 EROSION AND SEDIMENT CONTROL NOTES & DETAILS
LIBER: 1710 - FOLIO: 633 - PARCEL: 408
ZONED: POR - TAX MAP: 30 - GRID: 10
2ND ELECTION DISTRICT - HOWARD COUNTY, MARYLAND

DATE	REVISIONS	JOB NO.:
03/23/21	NEW SHEET FOR PROPOSED DRIVEWAY, FENCE & BRINE FACILITY	17240.017
		SCALE: AS SHOWN
		DATE: 03/23/21
		DRAWN BY: CWM
		DESIGN BY: MWM
		REVIEW BY: MBT
		SHEET: 8 OF 10

PROFESSIONAL CERTIFICATION 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. 41799 EXPIRATION DATE: APRIL 12, 2022	PROPERTY OWNER / DEVELOPER HOWARD COUNTY MARYLAND DEPARTMENT OF PUBLIC WORKS 3430 COURT HOUSE DR ELLICOTT CITY, MD 21043
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\\bdrisv05\v2017\2017\17240_HoCoOnCall\Howard County\Task 17 - Brine Facility CADD\Plans\C-400 Plot Plan.dwg Mar 22, 2021 10:40am zbrown



LEGEND

	EXISTING SALT BARN
	PROPOSED CONCRETE PAVEMENT
	PROPOSED ASPHALT DRIVE, SEE DETAIL R-2.01 SECTION #P-4 (MODIFIED)
	PROPOSED BRINE SHED
	PROPERTY BOUNDARY
	PROPOSED FENCE

PERMIT INFORMATION CHART

PROJECT NAME OLD ANNAPOLIS ROAD SALT BRINE FACILITY		SECTION/AREA N/A	PARCEL 408
LIBER / FOLIO 1710 / 633	GRID # 10	ZONING POR	TAX MAP NO. 30
ELECT. DIST. 2		CENSUS TRACT 602306	
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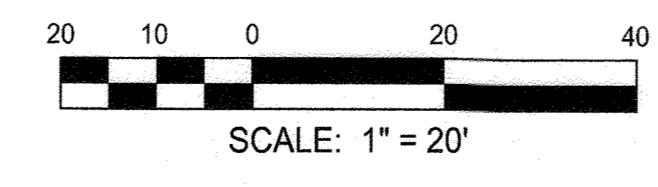
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**REVISED SITE DEVELOPMENT PLAN
VERIZON WIRELESS-DUNLOGGIN
SDP-08-072**

C-400 PLOT PLAN

LIBER: 1710 - FOLIO: 633 - PARCEL: 408
ZONED: POR - TAX MAP: 30 - GRID: 10
2ND ELECTION DISTRICT - HOWARD COUNTY, MARYLAND

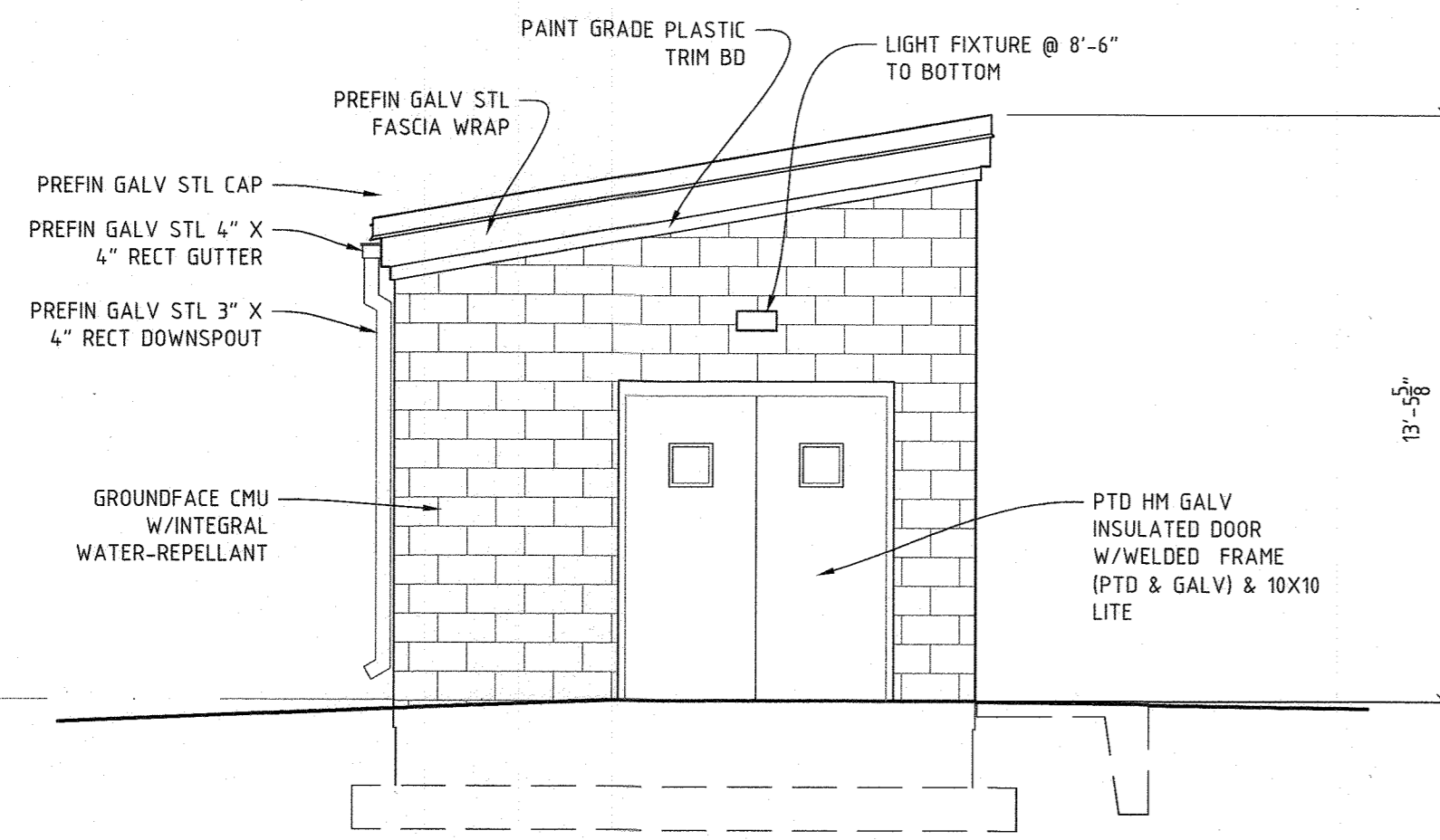
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING 	DATE 4.5.21	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND			
CHIEF, DEVELOPMENT ENGINEERING DIVISION	DATE 4/19/21	DIRECTOR OF PUBLIC WORKS	DATE	CHIEF, BUREAU OF ENGINEERING	DATE
CHIEF, DIVISION OF LAND DEVELOPMENT	DATE 4/19/21	CHIEF, BUREAU OF TRANSPORTATION	DATE	CHIEF, UTILITY DESIGN DIVISION	DATE
DIRECTOR, DEPARTMENT OF PLANNING AND ZONING	DATE				



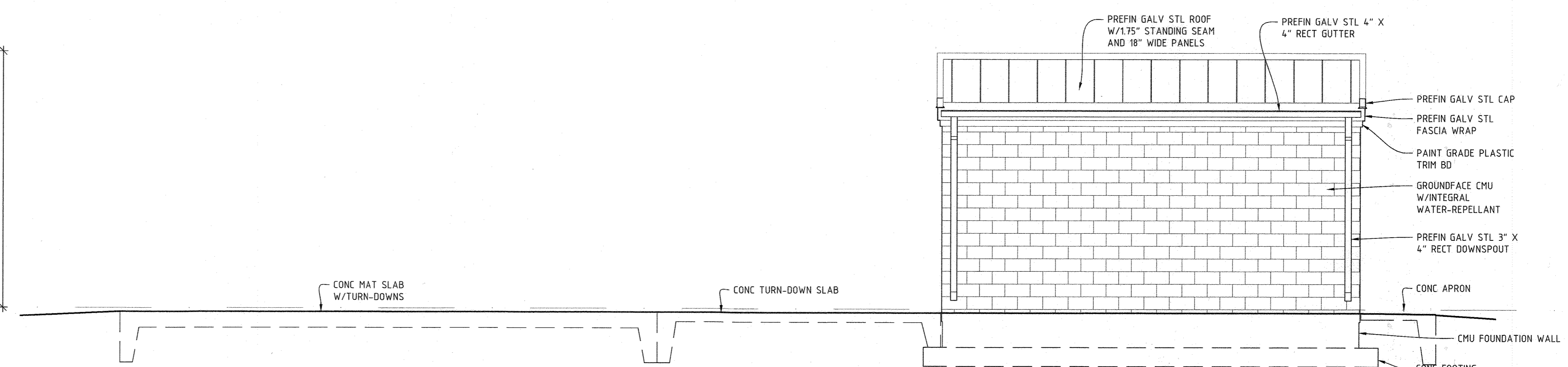
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PROPERTY OWNER / DEVELOPER
HOWARD COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
3430 COURT HOUSE DR
ELLICOTT CITY, MD 21043

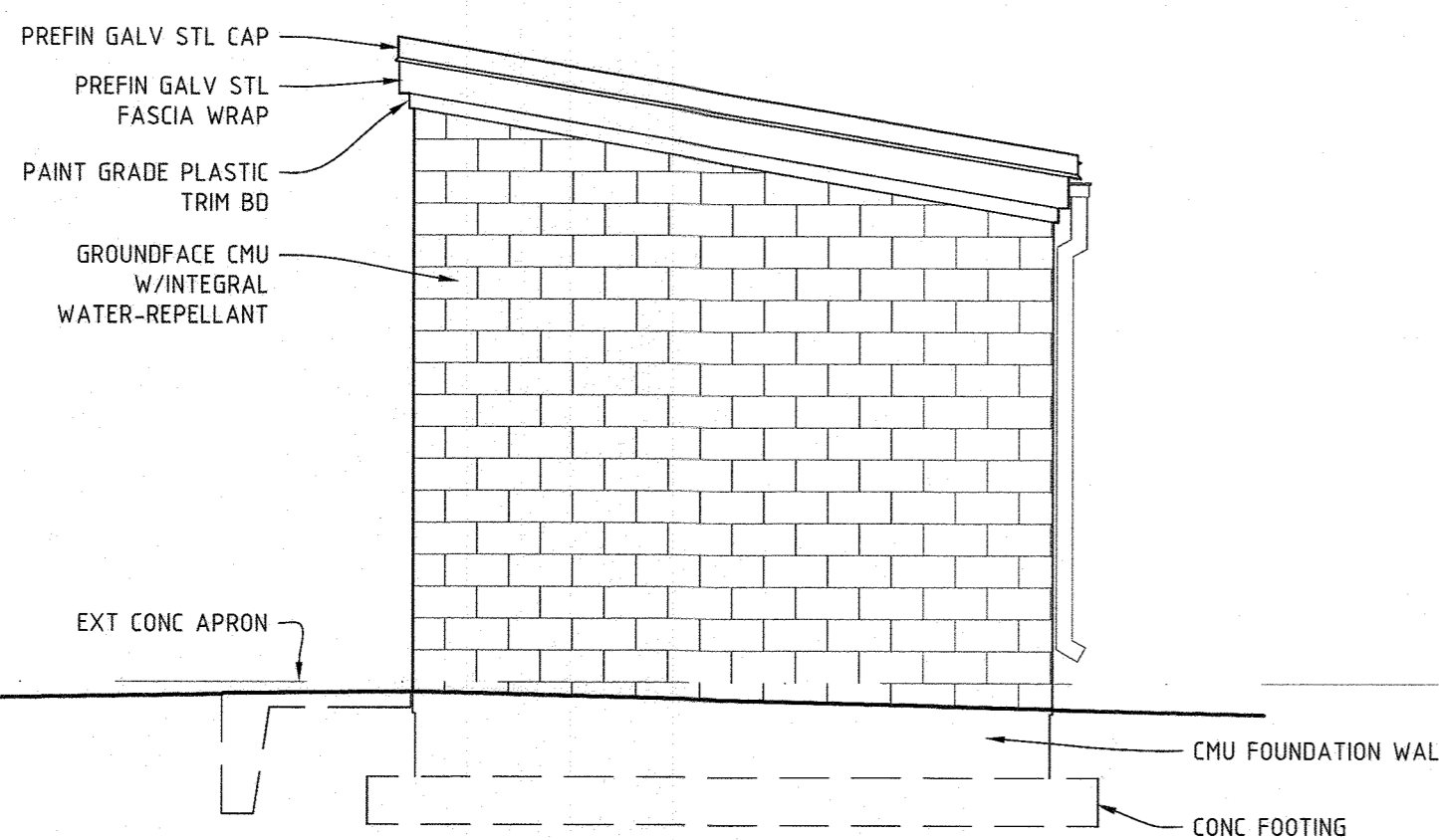
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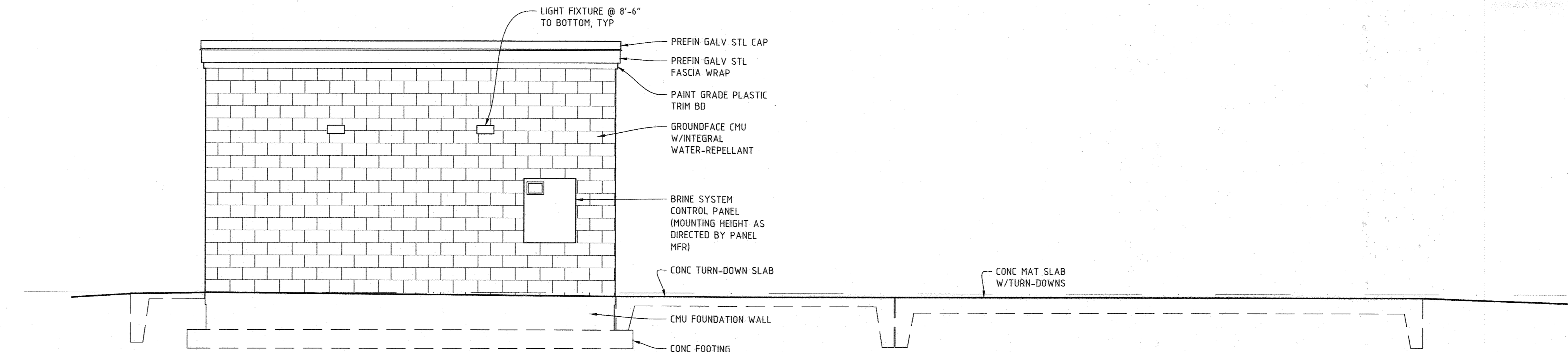
WEST BUILDING ELEVATION
Scale: 1/4" = 1'-0"



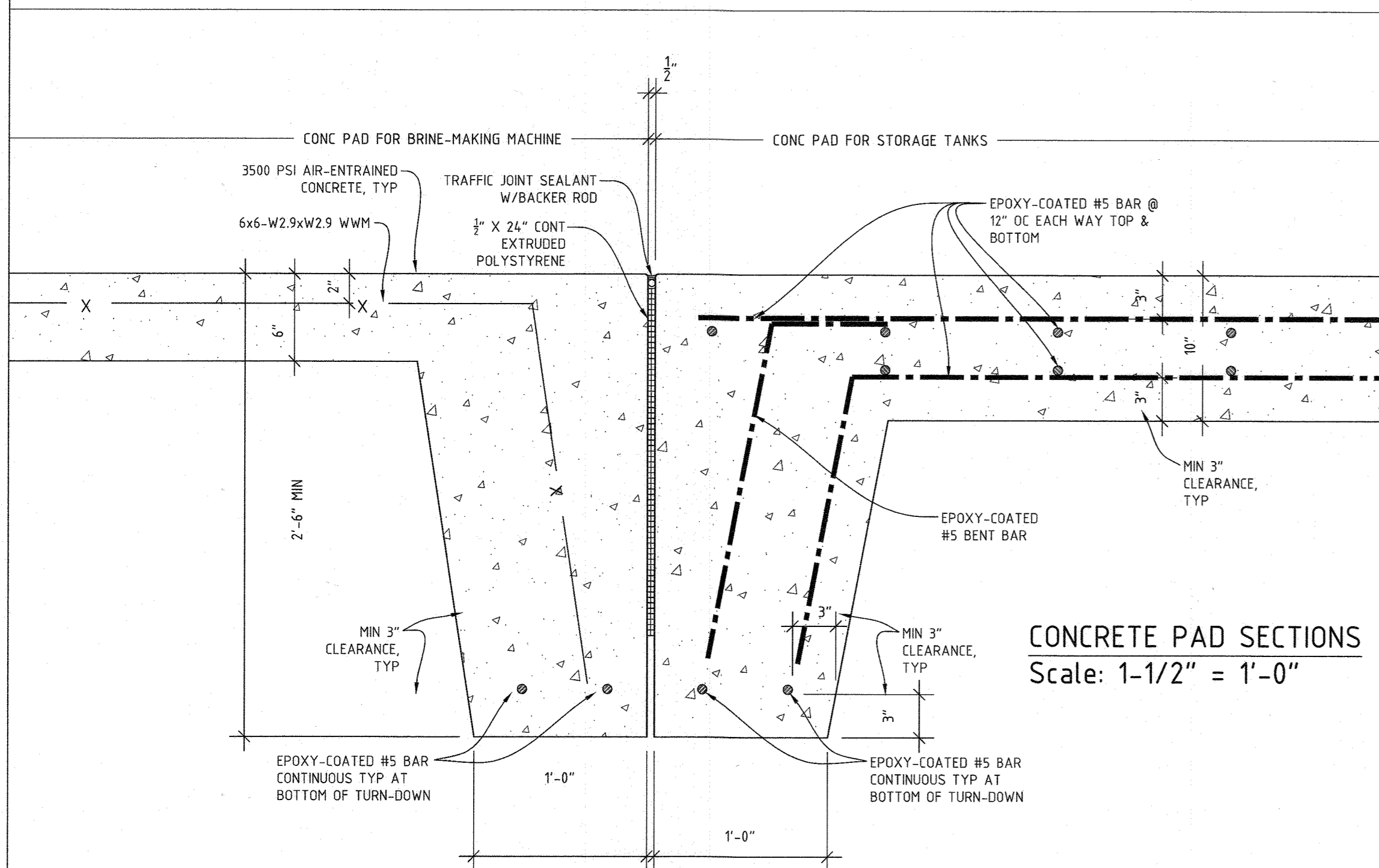
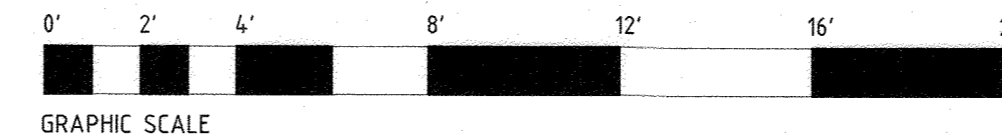
NORTH BUILDING ELEVATION
Scale: 1/4" = 1'-0"



EAST BUILDING ELEVATION
Scale: 1/4" = 1'-0"



SOUTH BUILDING ELEVATION
Scale: 1/4" = 1'-0"



CONCRETE PAD SECTIONS
Scale: 1-1/2" = 1'-0"

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 DATE: 4-5-21
 CHIEF, DEVELOPMENT ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 DIRECTOR OF PUBLIC WORKS DATE: 4/12/21
 CHIEF, BUREAU OF ENGINEERING DATE: 4/12/21
 CHIEF, BUREAU OF TRANSPORTATION DATE: 4/12/21
 CHIEF, UTILITY DESIGN DIVISION DATE: 4/12/21



SYMMETRY FIRST ARCHITECTS, LLC
 8600 Foundry Street
 Studio 311 Carding Bldg
 Savage MD 20763
 240.568.0700
 www.symmetryfirst.com

PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
 LICENSE NO. 8727
 EXPIRATION DATE: NOV. 2, 2021

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 HOWARD COUNTY MARYLAND
 DEPARTMENT OF PUBLIC WORKS
 3430 COURT HOUSE DR
 ELLICOTT CITY, MD 21043

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**REVISED SITE DEVELOPMENT PLAN
 VERIZON WIRELESS-DUNLOGGIN
 SDP-08-072
 A-100 BRINE SHED
 ELEVATIONS AND PAD DETAIL**

LIBER: 1710 - FOLIO: 633 - PARCEL: 408
 ZONED: POR - TAX MAP: 30 - GRID: 10
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DATE	REVISIONS	JOB NO.:
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		REVIEW BY: KM
		SHEET: 10 OF 10