

GENERAL NOTES:

- REFER TO THE ALBEMARLE COUNTY SERVICE AUTHORITY APPROVED PRODUCTS LIST FOR ALL WATER AND SANITARY PIPE, FITTINGS & APPURTENANCES. WWW.SERVICEAUTHORITY.ORG
- GAS LINE AND METER SHALL BE PROVIDED BY CHARLOTTEVILLE GAS. SUBMIT SERVICE APPLICATION. FINAL GRADE WITHIN 6 INCHES. ALL SEWERS, DRAINS, AND STORM SEWERS MUST BE INSTALLED, BUILDING EXTERIOR SHOULD BE FINISHED AROUND PROPOSED METER LOCATION AND ALL TRASH, DEBRIS AND MATERIAL MUST BE REMOVED FROM SERVICE PATH BEFORE CHARLOTTEVILLE GAS INSTALLATION.
- ALBEMARLE COUNTY IS RESPONSIBLE FOR ACQUIRING THE GAS LINE EASEMENT ON BEHALF OF THE CITY OF CHARLOTTEVILLE TO PROVIDE CHARLOTTEVILLE GAS ACCESS.
- PROVIDE UNDERGROUND GAS LINE AND UL LISTED GAS TRAIN STUBBED UP AT CORNER OF CONCRETE PATIO. ABOVEGROUND NATURAL GAS PIPING SHALL BE ASTM A53 GRADE A OR B, ERW OR SEAMLESS, SCHEDULE 40 BLACK STEEL WITH ASME B16.3 MALLEABLE IRON THREADED FITTINGS. UNDERGROUND NATURAL GAS PIPING SHALL BE ASTM D2513 DR 11 POLYETHYLENE PIPE WITH ASTM D2683 SOCKET FUSION FITTINGS. UNDERGROUND GAS PIPING SHALL BE INSTALLED IN CONFORMANCE WITH ASTM D2774 AND SHALL BE BURIED AT LEAST 36 INCHES BELOW FINISHED GRADE. UNDERGROUND GAS PIPING SHALL BE PROVIDED WITH DETECTABLE WARNING TAPE, 12 INCHES BELOW FINISHED GRADE, EXCEPT 6 INCHES BELOW SUBGRADE UNDER PAVEMENTS AND SLABS. APPLIANCE PRESSURE REGULATOR SHALL COMPLY WITH ANSI Z21.18.
- CONTRACTOR SHALL COORDINATE PUBLIC AND PRIVATE ELECTRICAL AND COMMUNICATION LINE INSTALLATION. SEE ELECTRICAL SHEET ES-101.
- ALL UTILITY EASEMENTS ARE TO BE DEDICATED TO THE ALBEMARLE COUNTY SERVICE AUTHORITY AND PUBLICLY MAINTAINED.
- BOLLARDS SHALL BE PROVIDED PER DETAILS ON SHEET C-505. BOLLARDS AT BAY DOORS SHALL BE LOCATED AS PER DETAIL #1 ON SHEET A-101. BOLLARDS AT BUILDING CORNERS SHALL BE LOCATED 1' FROM THE CORNER EQUIDISTANT FROM EITHER BUILDING FACE.
- SEE SHEET C-102 FOR CONCRETE PAVEMENT JOINT LAYOUT PLAN.

ACSA GENERAL WATER & SEWER NOTES:

- WORK SHALL BE SUBJECT TO INSPECTION BY ALBEMARLE COUNTY SERVICE AUTHORITY (ACSA) INSPECTORS. THE CONTRACTOR WILL BE RESPONSIBLE FOR NOTIFYING THE PROPER ACSA OFFICIALS AT THE START OF THE WORK.
- THE LOCATION OF EXISTING UTILITIES ACROSS THE LINE OF THE PROPOSED WORK ARE NOT NECESSARILY SHOWN ON THE PLANS AND WHERE SHOWN ARE ONLY APPROXIMATELY CORRECT. THE CONTRACTOR SHALL, ON HIS OWN INITIATIVE, LOCATE ALL UNDERGROUND LINES AND STRUCTURES, AS NECESSARY.
- ALL MATERIALS AND CONSTRUCTION SHALL COMPLY WITH THE CURRENT EDITION OF THE GENERAL WATER AND SEWER CONSTRUCTION SPECIFICATIONS, AS ADOPTED BY THE ACSA.
- DATUM FOR ALL ELEVATIONS SHOWN IN NATIONAL GEODETIC SURVEY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY (1-800-552-7001).
- ALL WATER AND SEWER PIPES SHALL HAVE A MINIMUM OF THREE AND A HALF (3.5) FEET OF COVER MEASURED FROM THE TOP OF PIPE, OVER THE CENTERLINE OF PIPE. THIS INCLUDES ALL FIRE HYDRANT LINES, SEWER LATERALS AND WATER LINES, ETC.
- ALL WATER AND SEWER APPURTENANCES ARE TO BE LOCATED OUTSIDE OF ROADSIDE DITCHES.
- VALVES ON DEADEND LINES SHALL BE RODDED TO PROVIDE ADEQUATE RESTRAINT FOR THE VALVE DURING A FUTURE EXTENSION OF THE LINE.
- TREES ARE NOT PERMITTED IN THE ACSA EASEMENT.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH THE NO-LEAD REGULATION REGARDING BRASS FITTINGS EFFECTIVE JANUARY 4, 2014 (SENATE BILL 3874 WHICH AMENDS THE SAFE DRINKING WATER ACT).

GAS LINE CONNECTION
SCALE: 1"=20'



TRANSFORMER LOCATION, SEE ES-101 FOR ELECTRICAL AND COMMUNICATION ROUTING.
N 3895794.08838
E 11500804.59123

DUPLEX GRINDER PUMP, INV. IN 420.90, INV. OUT 422.10 (SEE DETAIL SHEET C-504 & PROFILE SHEET C-202)
N 3895623.4344
E 11500769.9367

GRINDER PUMP CONTROL & ALARM PANEL
N 3895675.2471
E 11500889.6896

CONCRETE PAD AND ENCLOSURE FOR FUEL TANK / PUMP AND DUMPSTER, SEE DETAIL SHEET, C-505
N 3895818.4537
E 11500869.3161

20' SANITARY SEWER EASEMENT ±500 LF 1 1/4" HDPE PIPE
N 3895462.58258
E 11500867.27221

TERMINATE CURB WITH 2' TAPER TO GRADE (TYP. 4 PLACES)
N 3895462.58258
E 11500867.27221

APPROX. LOCATION - STREAM BUFFER FOR HICKMANS BRANCH PER ALBEMARLE COUNTY GIS
N 3895462.58258
E 11500867.27221

6" DIA. BOLLARD, TYP. OF 14, SEE GENERAL NOTE #7, THIS SHEET

DEDICATED TYPE 1 FIRE HYDRANT W/5'x5' CONCRETE PAD & (2) -4" BOLLARDS; POSITION FIRE HYDRANT OUTLET TOWARDS THE PAVEMENT EDGE

CG-2 CURB

CG-2 CURB

CG-2 CURB

CG-2 CURB

CG-2 CURB

CG-2 CURB

CG-2 CURB

CG-2 CURB

CG-2 CURB

CG-2 CURB

CG-2 CURB

CG-2 CURB

CG-2 CURB

CG-2 CURB

LEGEND

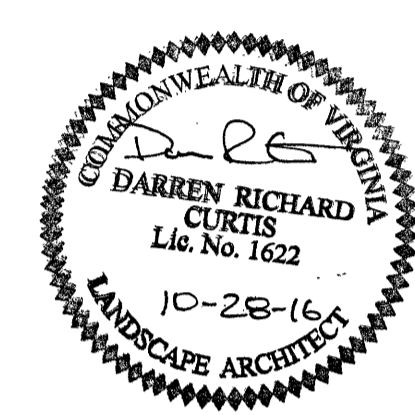
EXISTING:	PROPOSED:	DESCRIPTION:
CMP	Handicapped Accessible Space	CORRUGATED METAL PIPE
CO	Parking Space Count	CLEAN OUT
CONC	Temporary Gravel Road	CONCRETE
CPP	Asphalt Pavement	CORRUGATED PLASTIC PIPE
DIP	Wire Reinforced Concrete Pavement	DUCTILE IRON PIPE
EM	Heavy Duty Concrete Pavement	ELECTRIC METER
FM	Gravel Shoulder	FIRE HYDRANT
FOC	Utility Easement	FORCE MAIN
GM	Sanitary Line	FIBER OPTIC CABLE
GNDL	Sanitary Force Main	GAS METER
IF	Water Line	GROUND LIGHT
IS	Gas Line	IRON FOUND
LP	Metal Guard Rail	IRON SET
PVC	Timber Guard Rail	LIGHT POLE
RCP	Railing at Retaining Wall	POLYVINYL CHLORIDE PIPE
SMH	Tree Line	REINFORCED CONCRETE PIPE
TC	Sign	SANITARY SEWER MANHOLE
WM	Relocated Street Light	TOP OF CURB
WW		WATER METER
6TR10		WATER VALVE
x 419.68		TREE DIA. IN INCHES/TREE/CANOPY DIA. IN FEET
		SPOT ELEVATION
		PROPERTY BOUNDARY
		UTILITY EASEMENT
		CONTOURS
		STORMWATER PIPE
		SANITARY LINE
		SANITARY MANHOLE
		GAS LINE
		COMMUNICATIONS LINE (UNDERGROUND)
		ELECTRICAL LINE (UNDERGROUND)
		WATER LINE
		GUARD RAIL
		ASPHALT PAVEMENT
		CONCRETE PAVEMENT
		TREE LINE
		TREE
		SIGN
		LIGHT



**ENGINEERS
ARCHITECTS
PLANNERS**

449 McLAWS CIRCLE
WILLIAMSBURG, VA 23185
(757) 253-0673 VOICE
(757) 253-2319 FAX

www.djginc.com



COUNTY OF ALBEMARLE

**PANTOPS
PUBLIC SAFETY
FACILITY**

IFB # 2017-11223-20

CHARLOTTEVILLE,
VIRGINIA

REVISIONS

NO.	DATE	DESCRIPTION

COMMISSION NUMBER
2160310

SCALE: AS SHOWN
DESIGNED: DJG
DRAWN: DRC/MC
CHECKED: DB
DATE: 10.28.2016

THIS DOCUMENT CONTAINS INFORMATION PROPRIETARY TO DJG, INC. AND IS FURNISHED IN CONFIDENCE AS AN INSTRUMENT OF SERVICE FOR THE LIMITED PURPOSE OF EVALUATING, DESIGNING AND REVIEWING OR CONSTRUCTION OF A SPECIFIC PROJECT. REPRODUCTION OF THIS DOCUMENT, IN WHOLE OR IN PART, OR THE APPLICATION OF ANY DETAIL OR DESIGN WITHOUT THE EXPRESSED, WRITTEN CONSENT OF DJG, INC. IS PROHIBITED. ALL RIGHTS RESERVED. COPYRIGHT DJG, INC. (C) 2016.

SHEET TITLE

**SITE & UTILITY
PLAN**

SHEET NUMBER

C-101

8 OF 68

SITE & UTILITY PLAN
SCALE: 1"=20'

BEFORE YOU DIG, CALL MISS UTILITY AT 811 (1-800-552-7001)

