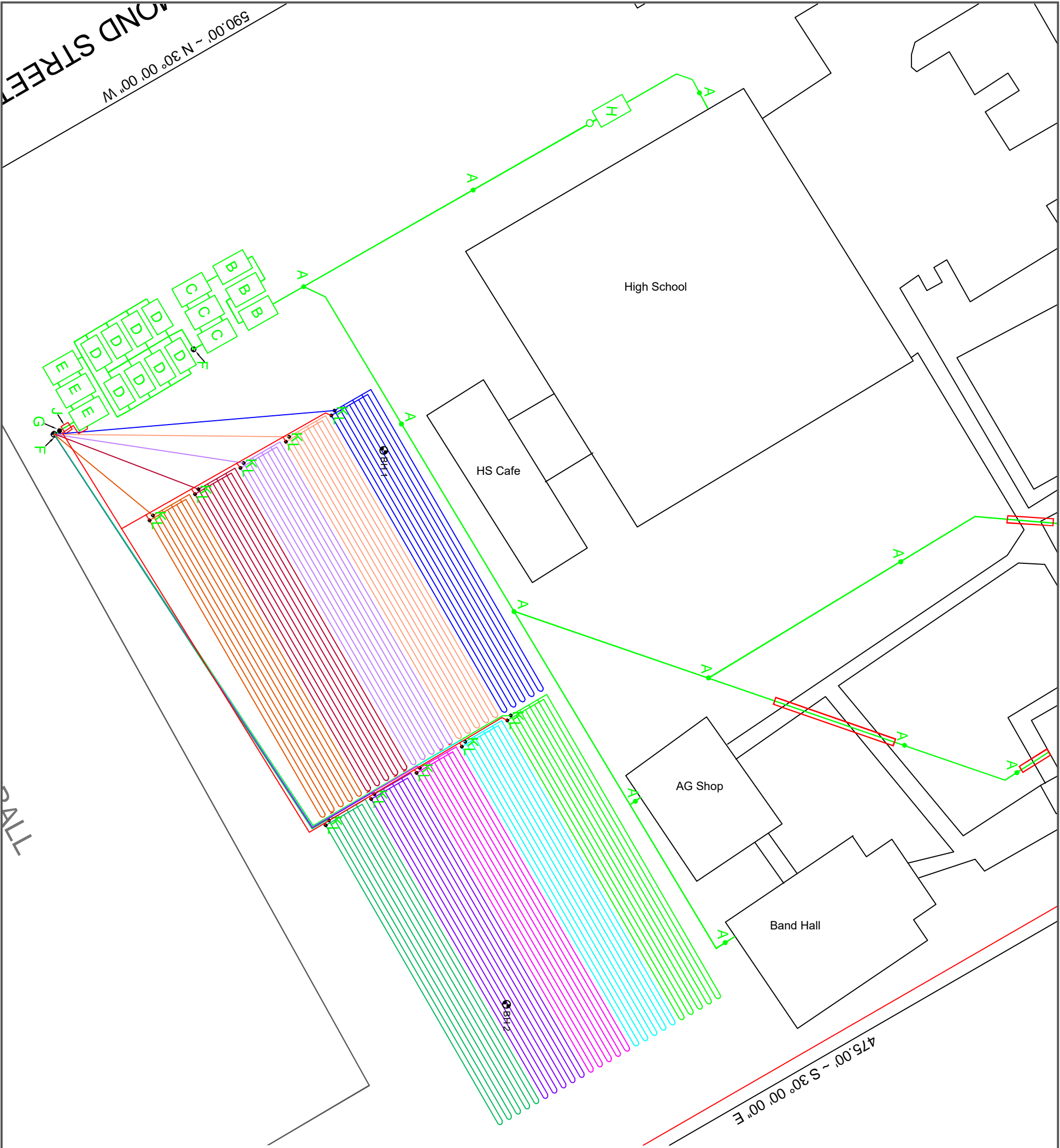




W-C1.0	DRAWN: DWS	DESIGN: JGI	SCALE: 1" = 80'	McDADE HIGH SCHOOL 156 MARLIN STREET McDADE, TEXAS 78650 BASTROP COUNTY		<div>WGA</div> <div>CONSULTING ENGINEERS</div> <div>TEXAS REGISTERED ENGINEERING FIRM F-9756</div> <div>2500 Tanglewilde, Suite 120 Houston, Texas 77063 713.788.1900</div>
				PROPERTY OVERVIEW		



- A - TWO WAY CLEAN OUT
- B - 3000 GAL TRASH TANKS
- C - 3000 GAL DOSING TANKS
- D - SINGULAR NORWECO 1500 OR EQUAL WITH DUPLEX PUMPS
- E - 3000 GAL PUMP TANKS MANIFOLDED TOP & BOTTOM WITH DUPLEX PUMPS
- F - K RAIN ALTERNATING VALVE MODEL 4403 (THREE ZONE) TO ATU MODEL 4404 (FOUR ZONE) TO ATU MODEL 4405 (FIVE ZONES) TO DRIP FIELD
- G- TOTALIZING FLOW METER
- H - 1500 GAL GREASE INTERCEPTOR
- J - VALVE BOX
- K - VACUUM BREAKER
- L- BACK FLOW PREVENTOR

SEPTIC INSTALLATION WILL BE IN ACCORDANCE WITH 30 TAC 285 & BASTROP COUNTY RULES & REGULATIONS

MCDADE ISD SUPPLIED THE INFORMATION FOR THIS DESIGN. IT IS THE LANDOWNER'S RESPONSIBILITY TO NOT EXCEED THE 5000 GALLONS PER DAY.

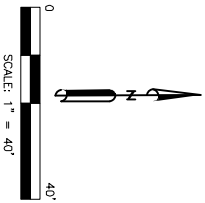
THIS PROPERTY IS LOCATED IN FEMA ZONE X AS SHOWN ON FIRM 4806370050B.

SLOPE < 5%

HIGHWATER ALARM IS TO BE INSTALLED INSIDE THE FACILITY
PUBLIC ACCESS TO SEPTIC TANKS AND DRIP FIELD SHALL BE FENCED TO PREVENT UNAUTHORIZED ACCESS.

INSPECTION AND CLEAN OUT PORTS SHALL HAVE RISERS OVER THE PORT OPENINGS WHICH EXTEND TO 2 INCHES ABOVE GRADE. A SECONDARY PLUG, CAP OR OTHER SUITABLE RESTRAINT SYSTEM SHALL BE PROVIDED BELOW THE RISER CAP TO PREVENT TANK ENTRY IF THE CAP IS UNKNOWNGLY DAMANGED OR REMOVED.

— SLEEVE



TEXAS REGISTERED ENGINEERING FIRM F-8756

2500 Tanglewilde, Suite 120
Houston, Texas 77063
713.798.1900

McDADE HIGH SCHOOL
156 MARLIN STREET
McDADE, TEXAS 78650
BASTROP COUNTY

ON SITE SEPTIC

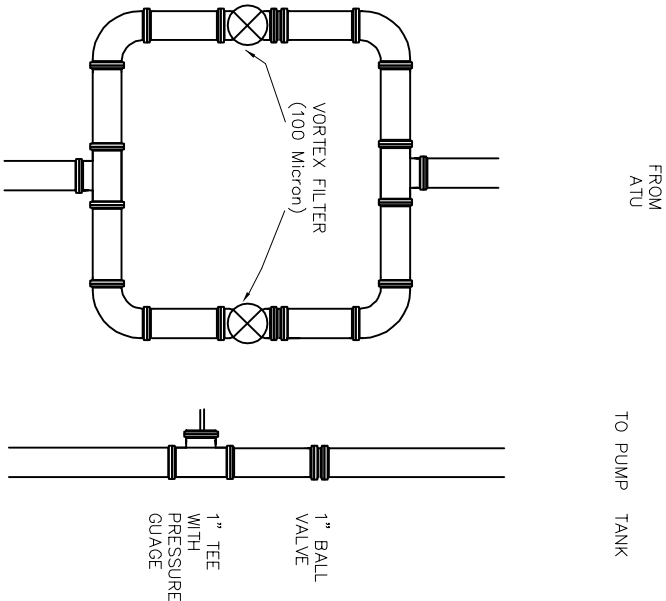
SCALE:

SCALE: 1" = 40'

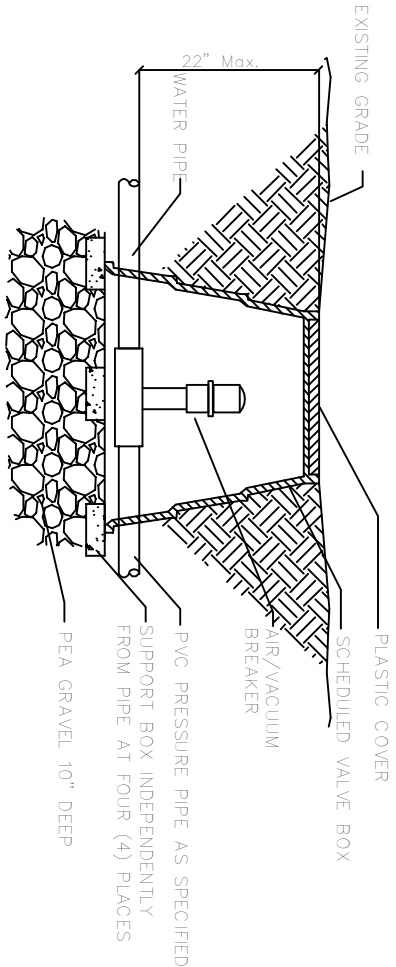
DESIGN: JGI

DRAWN: DWS

W-C1.1



HEADWORKS AND BOX
NTS



AIR/VACUUM BREAKER
NTS

FIELD FLUSHING IS CRITICAL FOR THE DRIP FIELD OPERATION. THE RETURN FLOW FROM AN INTERMITTENT FLUSHING EVEN IS TO BE RETURNED TO THE PRETREATMENT TANKS.

LEVEL ENTIRE DRIP AREA WITH 4" SANDY LOAM TOPSOIL

USE GEOFLOW WASTEFLOW MODEL WFPC16-2-24 WITH PRESSURE REDUCING EMITTERS SPACED EVERY 2 FEET OR EQUAL

FILTER SHALL BE GEOFLOW DRIPFILTER ECO

DRIP LINES TO BE BURIED 6"

BACK FLUSHING WILL BE PERFORMED MONTHLY WHEN SYSTEM IS SERVICED.

WGA

CONSULTING ENGINEERS

TEXAS REGISTERED ENGINEERING FIRM F-9756

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713.789.1900

McDADE HIGH SCHOOL
156 MARLIN STREET
McDADE, TEXAS 78650
BASTROP COUNTY

ON SITE SEPTIC

SCALE:

SCALE: NTS

DESIGN: JGI

DRAWN: DWS

W-C1.3