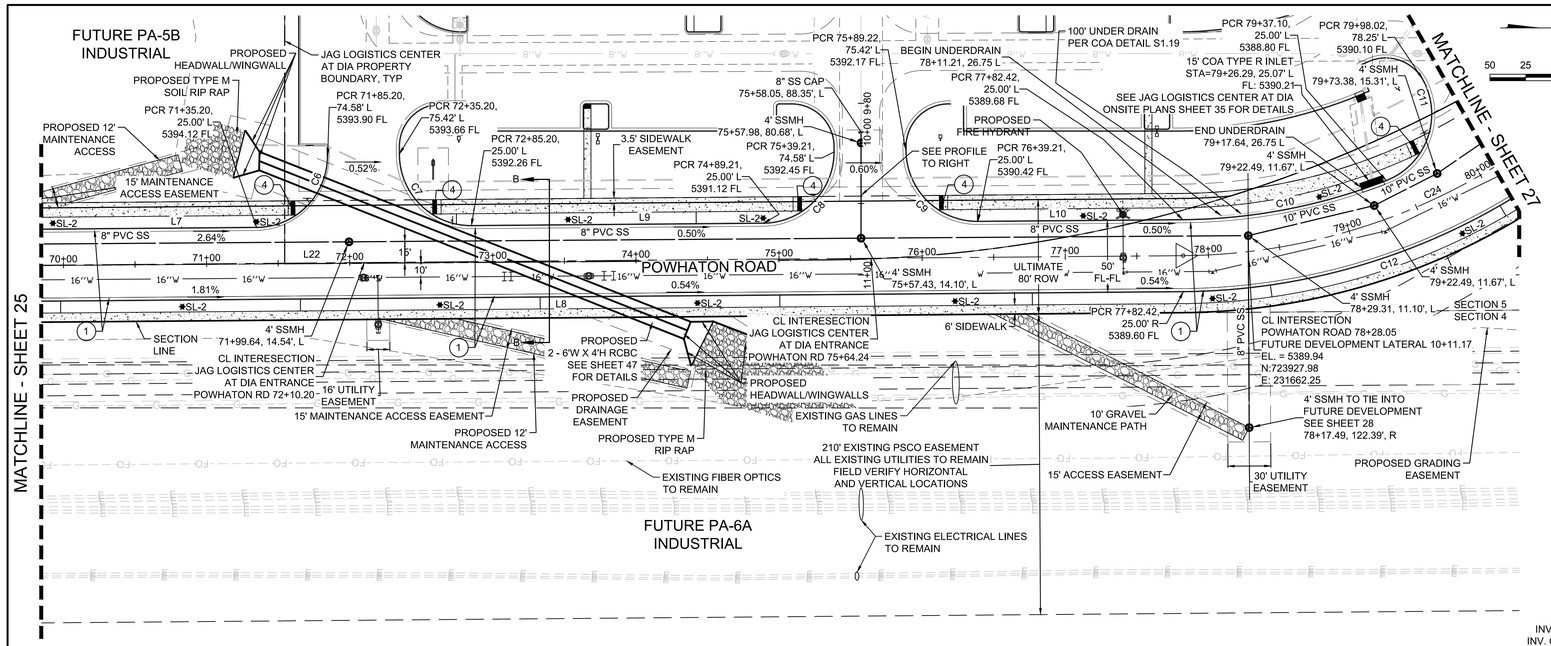
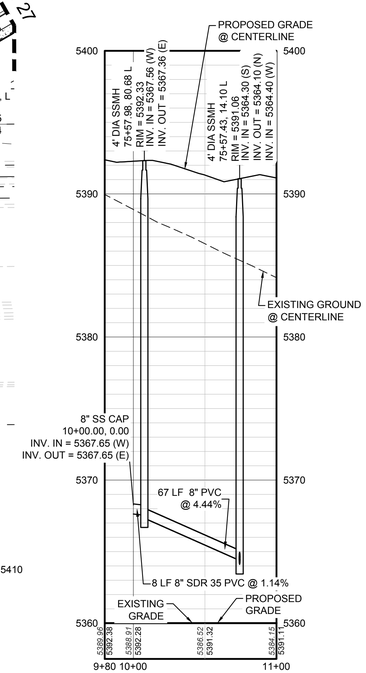
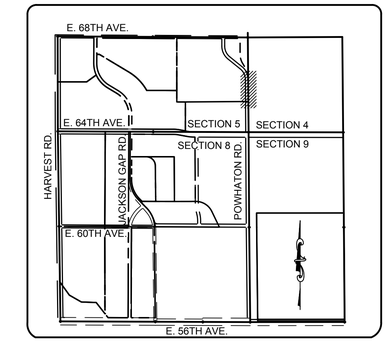


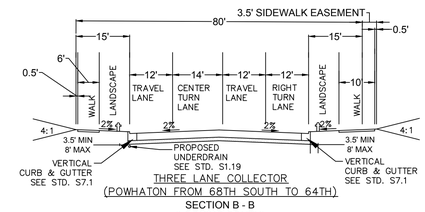
PLAN: POWHATON ROAD STA: 70+00.00 TO 80+00.00
HORIZONTAL SCALE: 1" = 50'



PROFILE: SOUTH SS STUB
STA: 9+80.00 TO 11+00.00
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'



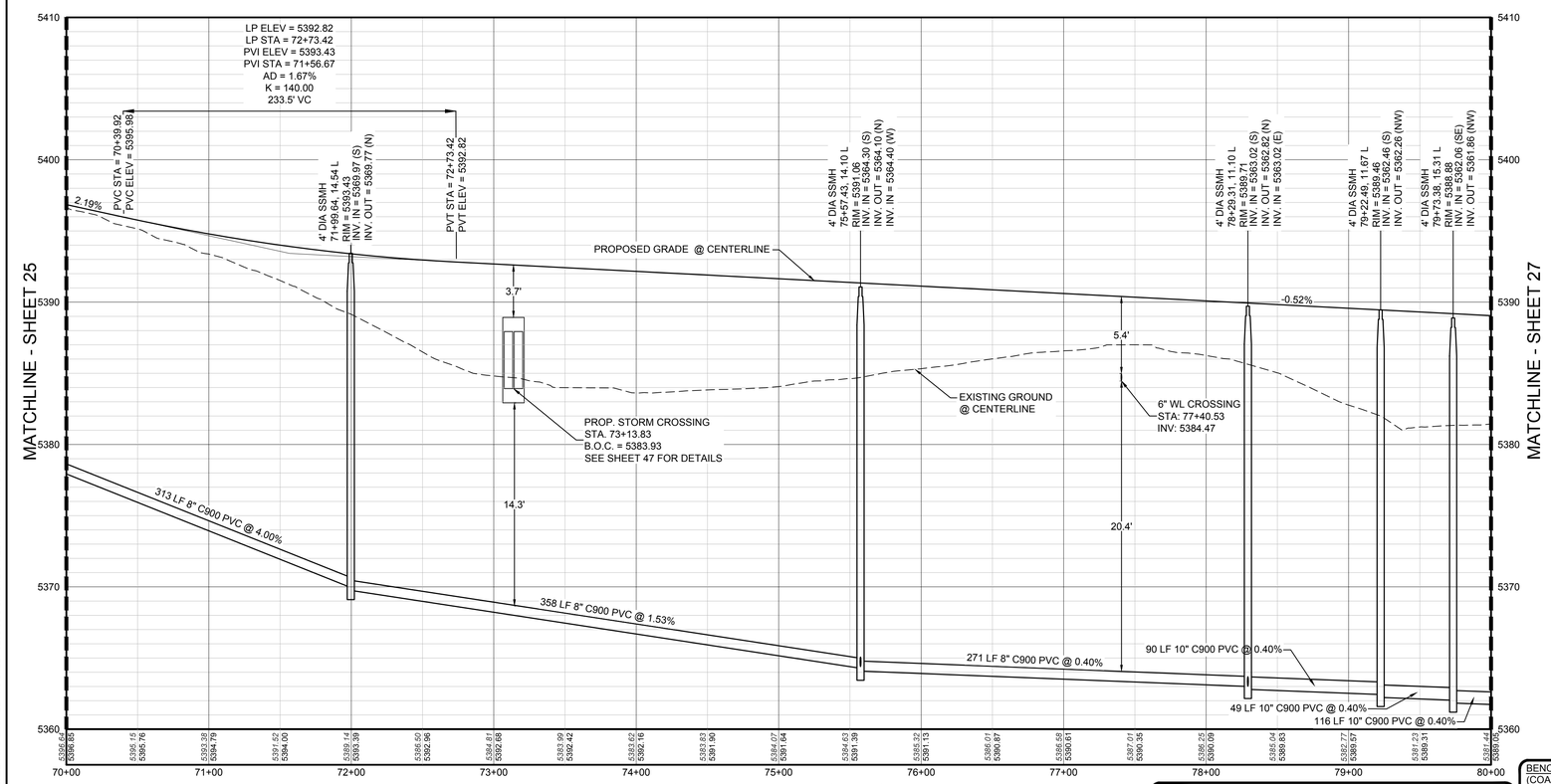
KEYMAP
1" = 2000'



SECTION B - B

STREET NOTE LEGEND

1. PROPOSED 6" VERTICAL CURB AND GUTTER (2' CATCH) PER CITY OF AURORA STANDARDS
2. PROPOSED 6" MEDIAN CURB (1' SPILL) WITH SPLASH BLOCK PER CITY OF AURORA STANDARDS
3. PROPOSED 6" MEDIAN CURB (1' SPILL) WITHOUT SPLASH BLOCK PER CITY OF AURORA STANDARDS
4. PEDESTRIAN RAMP PER CITY OF AURORA STANDARDS
5. CONCRETE CROSSPAN
6. RAISED MEDIAN NOSE PER CITY OF AURORA STANDARDS
7. TEMP. TYPE 3 TRAFFIC BARRICADE PER COA STDS



PROFILE: POWHATON ROAD
STA: 70+00.00 TO 80+00.00
HORIZONTAL: 1" = 50'

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L7	817.31'	N0°28'40"W
L8	1465.67'	S0°28'40"E
L9	204.01'	N0°28'40"W
L10	143.20'	S0°28'40"E
L22	1529.17'	N0°28'40"W

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C6	78.12'	50.00'	89°31'20"
C7	78.96'	50.00'	90°28'40"
C8	78.12'	50.00'	89°31'20"
C9	78.96'	50.00'	90°28'40"
C10	145.58'	400.00'	20°51'10"
C11	85.44'	50.00'	97°54'32"
C12	396.95'	450.00'	50°32'27"
C24	364.50'	424.47'	49°12'00"

LEGEND

- PROPOSED REDUCER
- PROPOSED VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED WL FITTING WITH THRUST BLOCK
- PROPOSED FLARED END SECTION
- PROPOSED LOW POINT BLOW-OFF
- PROPOSED AIR VALVE
- PROPOSED CAP WITH END OF LINE BLOWOFF
- PROPOSED STORM DRAIN INLET
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED 65 WATT LED COBRA HEAD FIXTURE, GREY POST TOP ON 30' GALVANIZED STEEL POLE
- PROPOSED RANGE POINT
- PROPOSED BUTTERFLY VALVE
- PROPOSED STORM DRAIN
- PROPOSED SEWER LINE WITH MANHOLE
- PROPOSED SEWER LATERAL
- PROPOSED WATER LINE
- PROPOSED WATER LATERAL W/ METER
- EASEMENT LINE
- SECTION LINE
- PORTEOS BOUNDARY
- EXISTING FIBER OPTIC LINE
- EXISTING GAS LINE
- EXISTING ELECTRICAL LINE
- PROPOSED 155 WATT LED, COBRA HEAD FIXTURE ON 30' GALVANIZED STEEL POLE AND COBRA HEAD

ABBREVIATIONS

AD	ANGLE DIFFERENCE	PVI	POINT OF VERTICAL INTERSECTION
BVC	BEGIN VERTICAL CURVE	PVT	POINT OF VERTICAL TANGENT
BVP	BEGIN VERTICAL PROFILE	RCBC	REINFORCED CONCRETE BOX CULVERT
EL	ELEVATION	RCP	REINFORCED CONCRETE PIPE
EP	EDGE OF PAVEMENT	ROW	RIGHT OF WAY
EVC	END VERTICAL CURVE	RW	RAW WATER LINE
EVP	END VERTICAL PROFILE	SD	STORM DRAIN
FG	FINISHED GRADE	SL	SECTION LINE
FL	FLOW LINE	SO	EDGE OF 6' SHOULDER OFFSET
FV	FIELD VERIFY	SS	SANITARY SEWER
HP	HIGH POINT	STA	STATION
INV	INVERT	TC	TOP OF CURB
K	CURVATURE COEFFICIENT	T.O.P.	TOP OF PIPE
LF	LINEAR FEET	UE	UTILITY EASEMENT
MH	MANHOLE	VC	VERTICAL CURVE
N.T.S.	NOT TO SCALE	WL	WATER LINE
PL	PROPERTY LINE	WSE	WATER SURFACE ELEVATION
PVC	POLYVINYL CHLORIDE		

FACSIMILE
THIS ELECTRONIC PLAN IS A FACSIMILE OF THE SIGNED AND SEALED PDF SET.

CO PROFESSIONAL ENGINEER
JAMES J. JANNICKE, CO P.E. NO. 35693

DATE

BASIS OF BEARINGS
THE WEST LINE OF THE SOUTHWEST QUARTER OF SECTION 5, TOWNSHIP 3 SOUTH, RANGE 65 WEST OF THE SIXTH PRINCIPAL MERIDIAN BEING MONUMENTED AT THE WEST QUARTER CORNER OF SAID SECTION 5 BY A 3-1/4" ALUMINUM CAP STAMPED LS 23521 IN A RANGE BOX AND AT THE SOUTHWEST CORNER OF A SAID SECTION 5 BY A 2-1/2" ALUMINUM CAP STAMPED LS 20699 IN A RANGE BOX BEING CONSIDERED TO BEAR SOUTH 00°06'29" EAST, 2655.85 FEET.

BENCH MARK
(COA ID #3S6505SW002) NGS CONTROL POINT KNOWN AS 'LYNNE" BEING A PUNCH HOLE IN THE CENTER OF A STAINLESS STEEL ROD ENCLOSED IN A 6-INCH PVC PIPE WITH A LOGO LID, ALL SURROUNDED BY A CONCRETE COLLAR FLUSH WITH THE GROUND, HAVING A PUBLISHED ELEVATION OF 5406.21 FEET, 1988 NAVD. THE MONUMENT IS LOCATED IN THE NORTHWEST QUARTER OF SECTION 5, TOWNSHIP 3 SOUTH, RANGE 65 WEST BEING N 85°39'39" W, 96.73 FEET FROM THE CENTER QUARTER CORNER OF SAID SECTION 5. THE MONUMENT IS APPROXIMATELY 6.8 FEET NORTH OF THE SOUTH LINE OF THE NORTHWEST QUARTER.

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534-6700 METRO DENVER AREA
UTILITY NOTIFICATION CENTER OF COLORADO

PREPARED UNDER THE SUPERVISION OF

JAMES J. JANNICKE
COLORADO P.E. 35693

No.	Revisions	Date	Init.	Appr.	Date

CVL CONSULTANTS
10333 E. Dry Creek Rd.
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GREENWOOD VILLAGE, CO 80200
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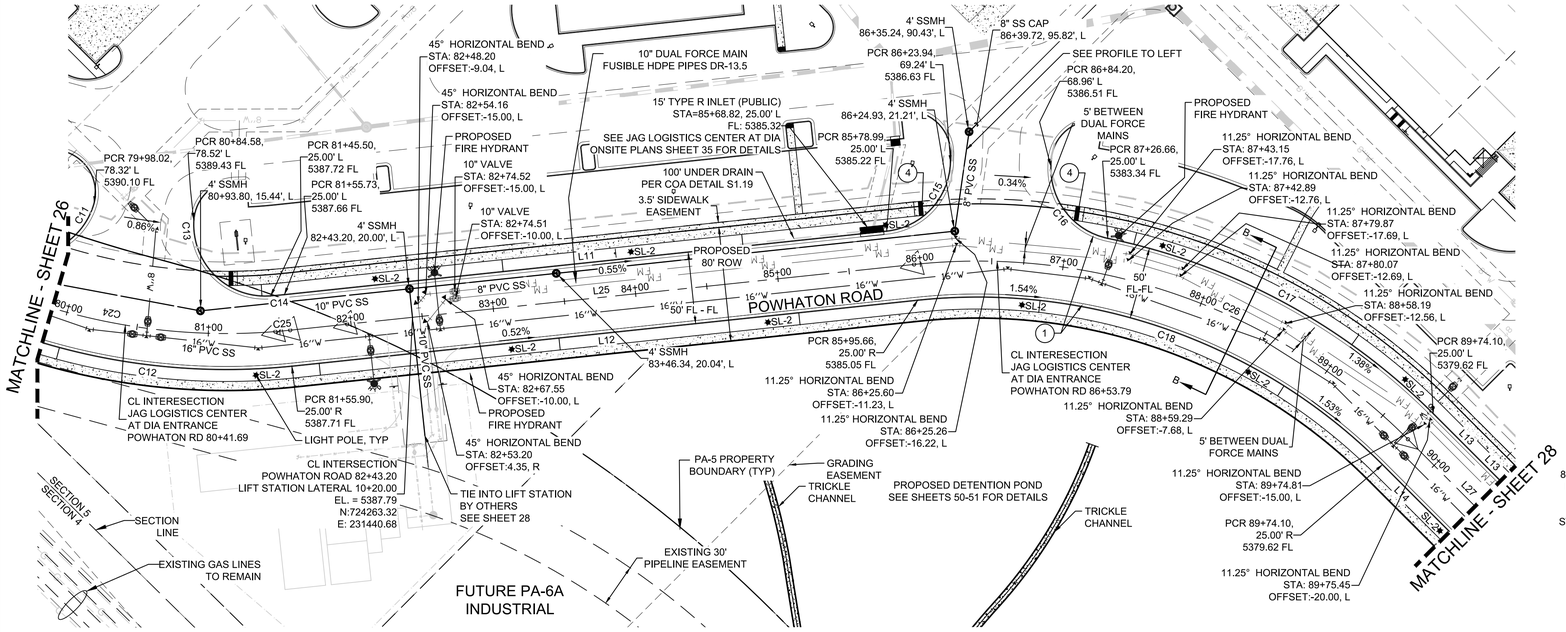
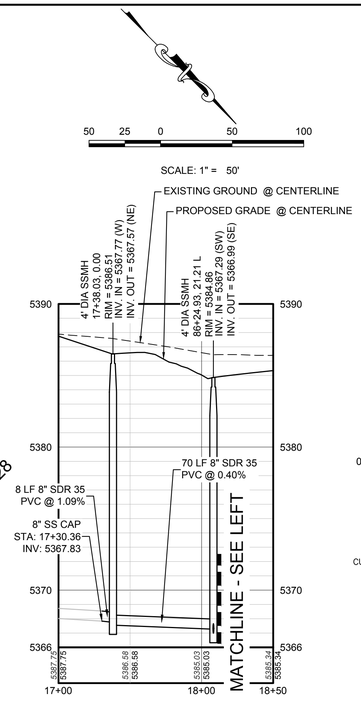
JAG LOGISTICS CENTER AT DIA
SUBDIVISION FILING NO. 1 - OFFSITE
POWHATON ROAD STREET & SANITARY P&P
STA: 70+00.00 TO 80+00.00

SCALE: AS SHOWN
FILE NO: 8130249704
DRAWN BY: CAA
CHECKED BY: JJJ
DATE: MAY 2019
SHEET NUMBER 26

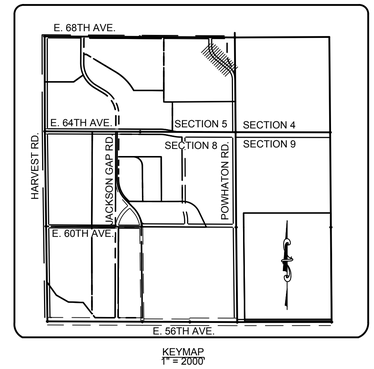
N:\PROJECTS\PORTEOS - GREEN\CAD\ENGINEERING\SHEET SETS\CD'S OFFSITE\STREET & SANITARY\POWHATON RD STREET & SEWER.DWG, NEILJ, 6/19/19



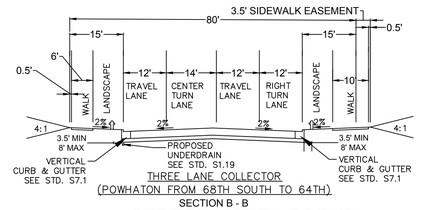
PLAN: POWHATON ROAD STA: 80+00.00 TO 90+00.00
HORIZONTAL SCALE: 1" = 50'



PROFILE: SANITARY LATERAL 1
STA: 17+00.00 TO 18+50.00
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'



KEYMAP
1" = 2000'



THREE LANE COLLECTOR
(POWHATON FROM 68TH SOUTH TO 64TH)
SECTION B - B

STREET NOTE LEGEND

1. PROPOSED 6" VERTICAL CURB AND GUTTER (2' CATCH) PER CITY OF AURORA STANDARDS
2. PROPOSED 6" MEDIAN CURB (1' SPILL) WITH SPLASH BLOCK PER CITY OF AURORA STANDARDS
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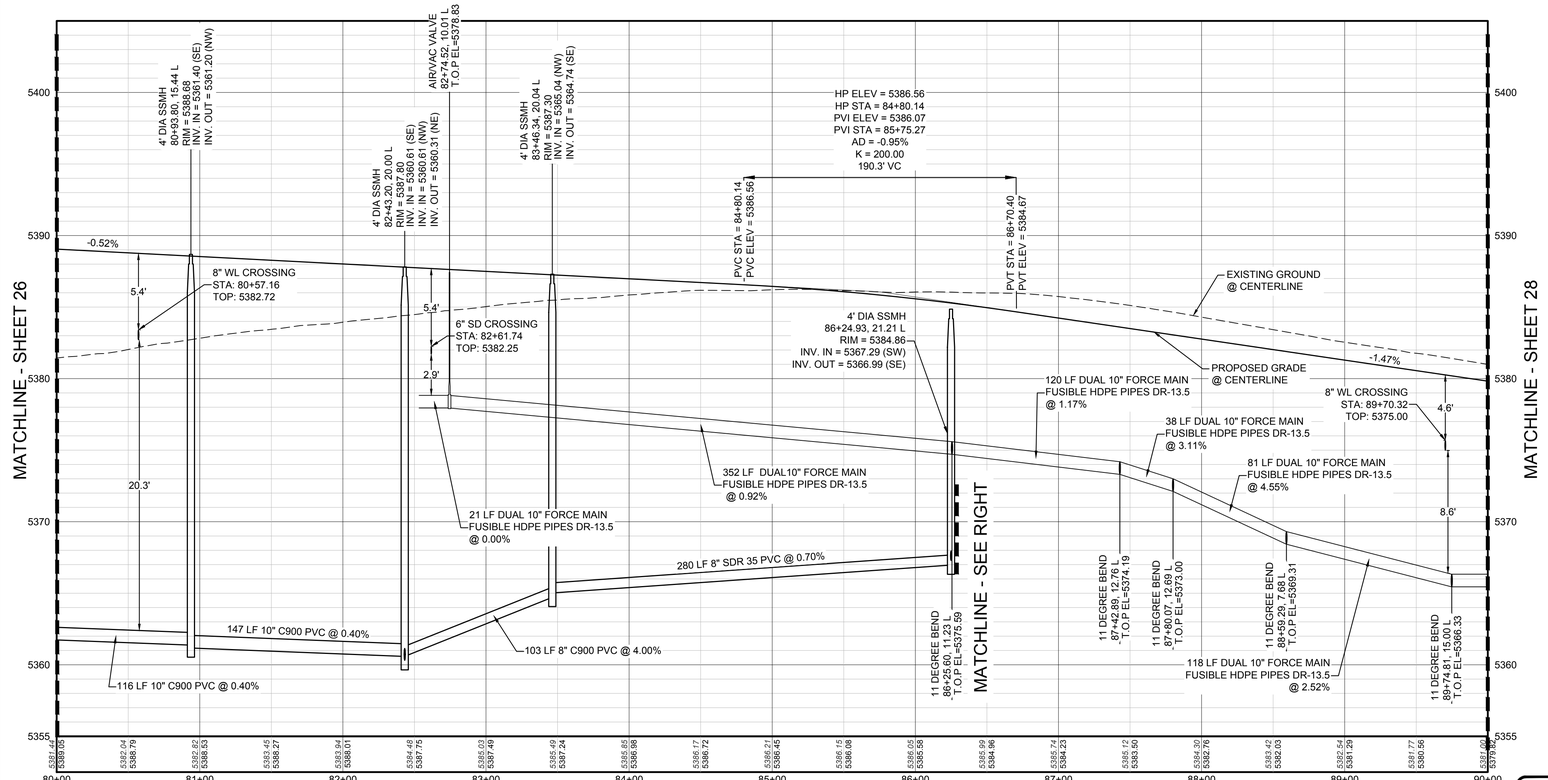
5. CONCRETE CROSSPAN
6. RAISED MEDIAN NOSE PER CITY OF AURORA STANDARDS
7. TEMP. TYPE 3 TRAFFIC BARRICADE PER COA STDS



PROFILE: POWHATON ROAD
STA: 80+00.00 TO 90+00.00
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'

LINE TABLE		
LINE NO.	LENGTH	DIRECTION
L11	421.68'	N51°01'07"W
L12	438.35'	S51°01'07"E
L13	185.59'	N0°00'00"E
L14	197.01'	S0°00'00"W
L25	438.35'	N51°01'07"W
L27	246.30'	N0°00'00"E

CURVE TABLE			
CURVE NO.	LENGTH	RADIUS	DELTA
C11	85.44'	50.00'	97°54'32"
C12	396.95'	450.00'	50°32'27"
C13	85.64'	50.00'	98°07'50"
C14	11.12'	400.00'	1°35'33"
C15	71.67'	50.00'	82°07'38"
C16	70.00'	50.00'	80°12'44"
C17	261.99'	450.00'	33°21'29"
C18	356.18'	400.00'	51°01'07"
C24	364.50'	424.47'	49°12'00"
C26	378.41'	425.51'	50°57'14"

LEGEND

- PROPOSED REDUCER
- PROPOSED VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED WL FITTING WITH THRUST BLOCK
- PROPOSED FLARED END SECTION
- PROPOSED LOW POINT BLOW-OFF
- PROPOSED AIR VALVE
- PROPOSED CAP WITH END OF LINE BLOWOFF
- PROPOSED STORM DRAIN INLET
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED RANGE POINT
- PROPOSED BUTTERFLY VALVE
- 36" SD — PROPOSED STORM DRAIN
- 18" SS — PROPOSED SEWER LINE WITH MANHOLE
- PROPOSED SEWER LATERAL
- 8"W — PROPOSED WATER LINE
- PROPOSED WATER LATERAL W/ METER
- EASEMENT LINE
- SECTION LINE
- PORTEOS BOUNDARY
- FO — EXISTING FIBER OPTIC LINE
- G — EXISTING GAS LINE
- E — EXISTING ELECTRICAL LINE
- SL-2 — PROPOSED 65 WATT LED COBRA HEAD FIXTURE, GREY POST TOP ON 30' GALVANIZED STEEL POLE
- SL-3 — PROPOSED 155 WATT LED, COBRA HEAD FIXTURE ON 30' GALVANIZED STEEL POLE AND COBRA HEAD

ABBREVIATIONS

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FV	FIELD VERIFY	SS	SANITARY SEWER
HP	HIGH POINT	STA	STATION
INV	INVERT	TC	TOP OF CURB
K	CURVATURE COEFFICIENT	T.O.P.	TOP OF PIPE
LF	LINEAR FEET	UE	UTILITY EASEMENT
MH	MANHOLE	VC	VERTICAL CURVE
N.T.S.	NOT TO SCALE	WL	WATER LINE
PL	PROPERTY LINE	WSE	WATER SURFACE ELEVATION
PVC	POLYVINYL CHLORIDE		

FACSIMILE
THIS ELECTRONIC PLAN IS A FACSIMILE OF THE SIGNED AND SEALED PDF SET.

CO PROFESSIONAL ENGINEER — DATE
JAMES J. JANNICKE, CO P.E. NO. 35693

BASIS OF BEARINGS
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JAG LOGISTICS CENTER AT DIA
SUBDIVISION FILING NO. 1 - OFFSITE
POWHATON ROAD STREET & SANITARY P&P
STA: 80+00.00 TO 90+00.00

SCALE: AS SHOWN
FILE NO: 8130249704
DRAWN BY: CAA
CHECKED BY: JJJ
DATE: MAY 2019
SHEET NUMBER 27

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