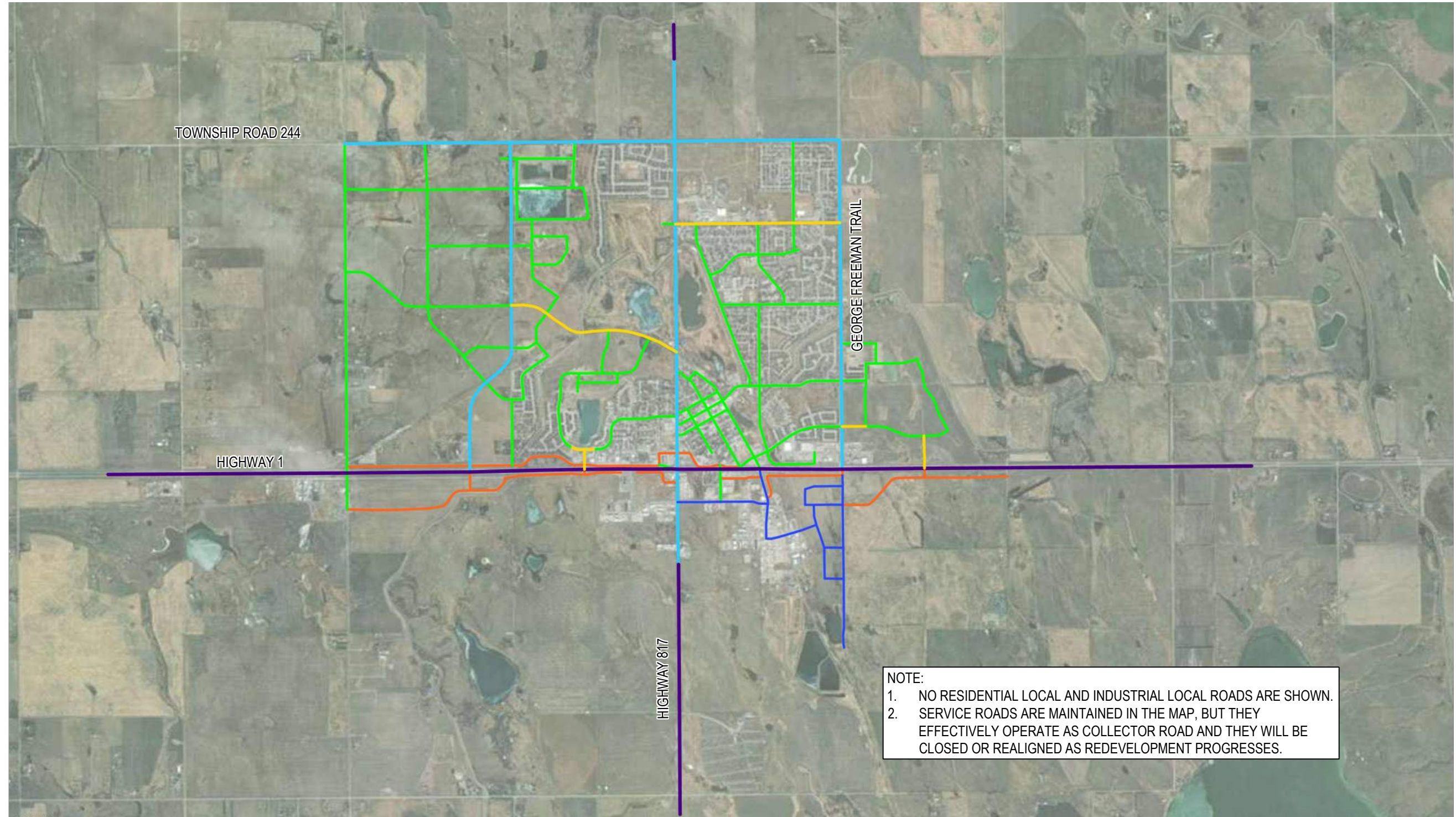




APPENDIX E

Municipal Infrastructure Servicing Concepts

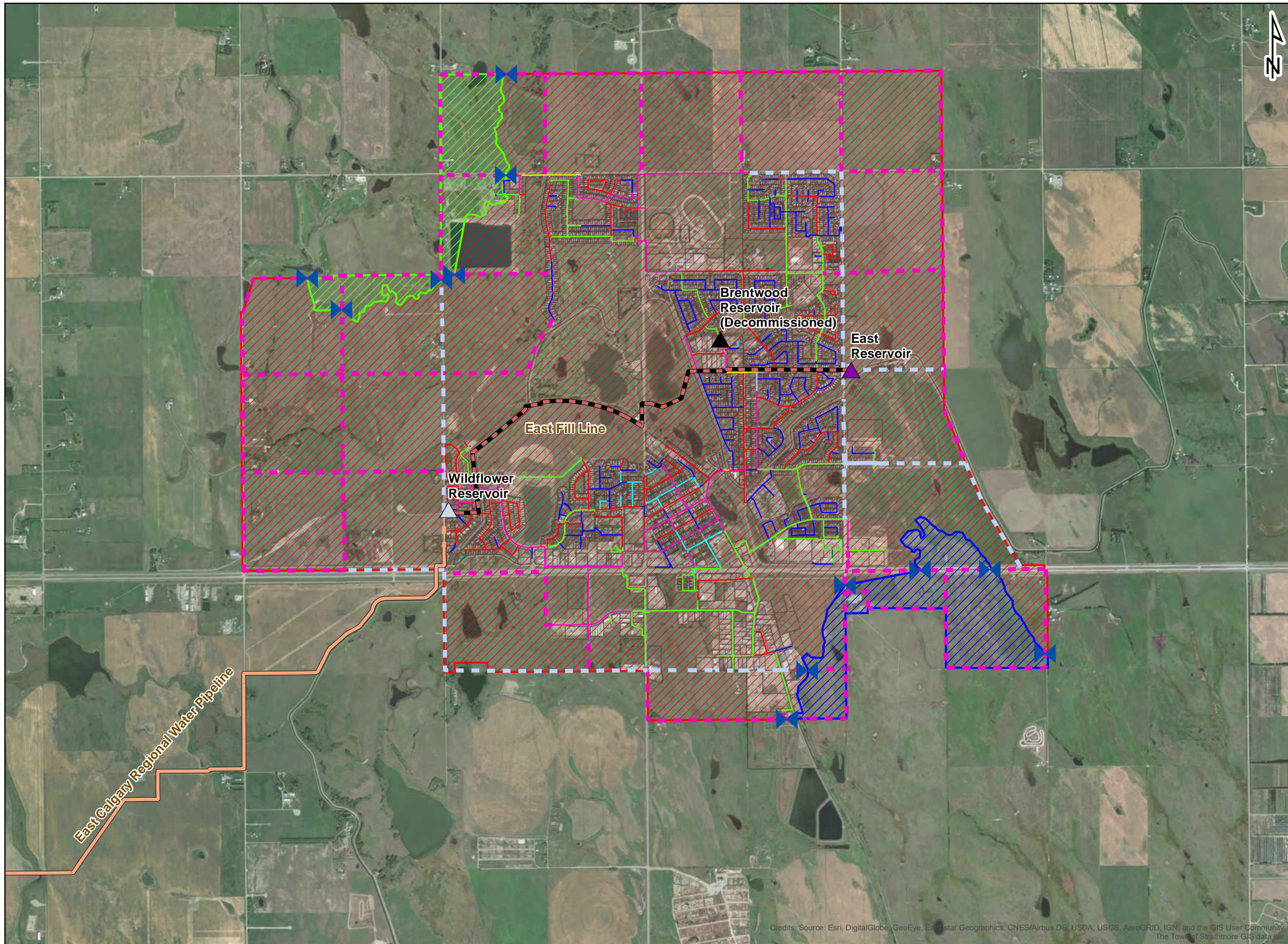


NOTE:
 1. NO RESIDENTIAL LOCAL AND INDUSTRIAL LOCAL ROADS ARE SHOWN.
 2. SERVICE ROADS ARE MAINTAINED IN THE MAP, BUT THEY EFFECTIVELY OPERATE AS COLLECTOR ROAD AND THEY WILL BE CLOSED OR REALIGNED AS REDEVELOPMENT PROGRESSES.





































Road Classification

-  Highway
-  Arterial
-  Primary Collector
-  Collector
-  Industrial Collector
-  Service Road





Legend

-  Proposed PRV
-  East Fill Line (600mm)
-  Legal
- Decommissioned Reservoir**
-  Brentwood Reservoir
- Active Reservoir**
-  Wildflower Reservoir
- Proposed Reservoir**
-  East Reservoir
- Distribution - Pipe Diameter**
-  Unknown
-  50mm
-  100mm
-  150mm
-  200mm
-  250mm
-  300mm
-  350mm
-  400mm
-  450mm
-  500mm
-  600mm
-  750mm
-  900mm
-  1200mm
- Supply Line - Pipe Diameter**
-  500mm
-  600mm
-  750mm
-  900mm
-  1200mm
- Proposed Upgrades**
-  Upsized to 350mm
-  Upsized to 400mm
- Proposed Concept**
-  150mm
-  300mm
-  400mm
-  500mm
-  600mm
- Pressure Zone**
-  Main Pressure Zone
-  Northwest Pressure Zone
-  Southeast Pressure Zone

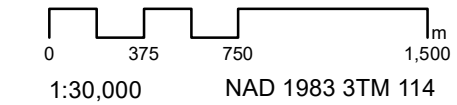
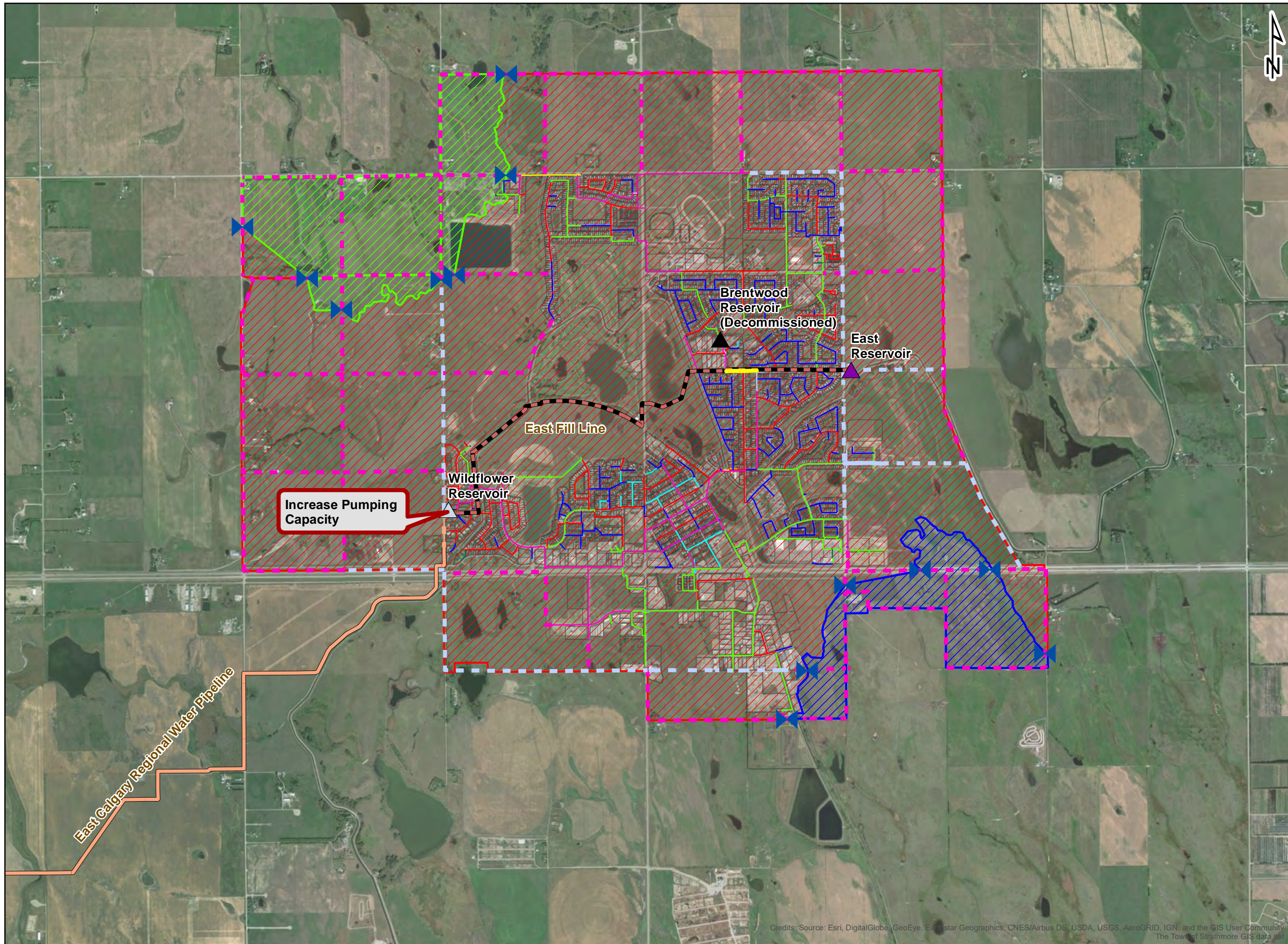


FIGURE 7.1
PROPOSED BUILD-OUT CONCEPT
WATER MASTER SERVICING STUDY



Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
 The Town of Strathmore GIS data set



Legend

- Proposed PRV
- East Fill Line (600mm)
- Legal
- Decommissioned Reservoir**
- Brentwood Reservoir
- Active Reservoir**
- Wildflower Reservoir
- Proposed Reservoir**
- East Reservoir
- Distribution - Pipe Diameter**
- Unknown
- 50mm
- 100mm
- 150mm
- 200mm
- 250mm
- 300mm
- 350mm
- 400mm
- 450mm
- 500mm
- 600mm
- 750mm
- 900mm
- 1200mm
- Supply Line - Pipe Diameter**
- 500mm
- 600mm
- 750mm
- 900mm
- 1200mm
- Proposed Upgrades**
- Upsized to 350mm
- Upsized to 400mm
- Proposed Concept**
- 150mm
- 300mm
- 400mm
- 500mm
- 600mm
- Pressure Zone**
- Main Pressure Zone
- Northwest Pressure Zone
- Southeast Pressure Zone

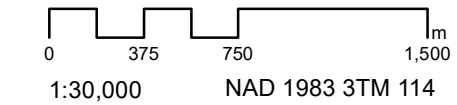
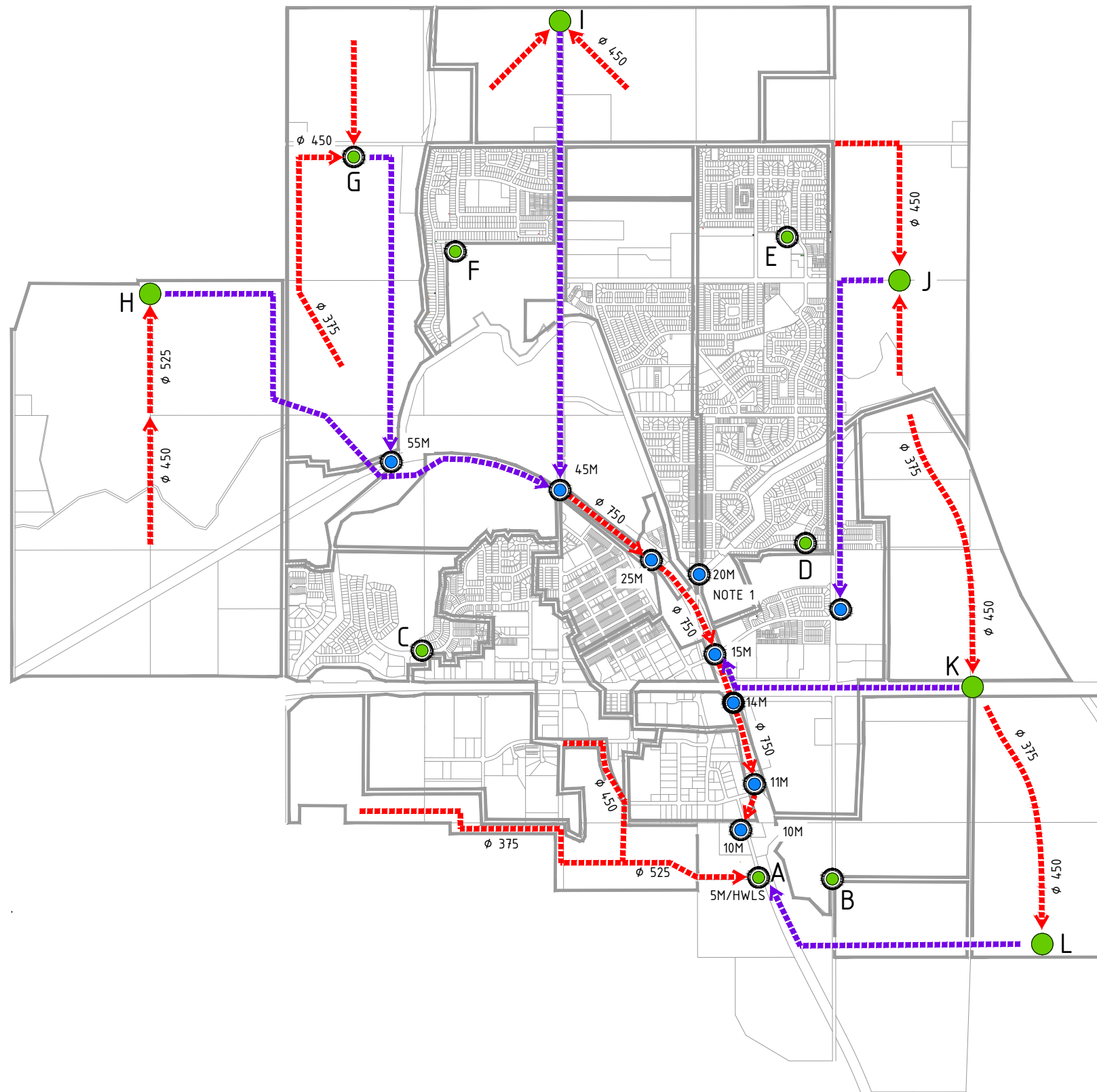


FIGURE 7.15
PROPOSED BUILD-OUT CONCEPT
WITH ADDITIONAL QUARTER SECTIONS
WATER MASTER SERVICING STUDY



Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
 The Town of Strathmore GIS data set



Location Legend

Existing Lift Stations	
A	Headworks
B	Ranch
C	Westmount
D	Aspen
E	Strathview
F	Hill View
G	Lakewood
Future Lift Stations	
H	West Strathmore
I	North Hill
J	Prairie Edge
K	Edge Field
L	East Pivot

Sewer Legend

	Existing Lift Station
	Proposed Lift Station
	Tie Location
	Trunk
	Proposed Force Main

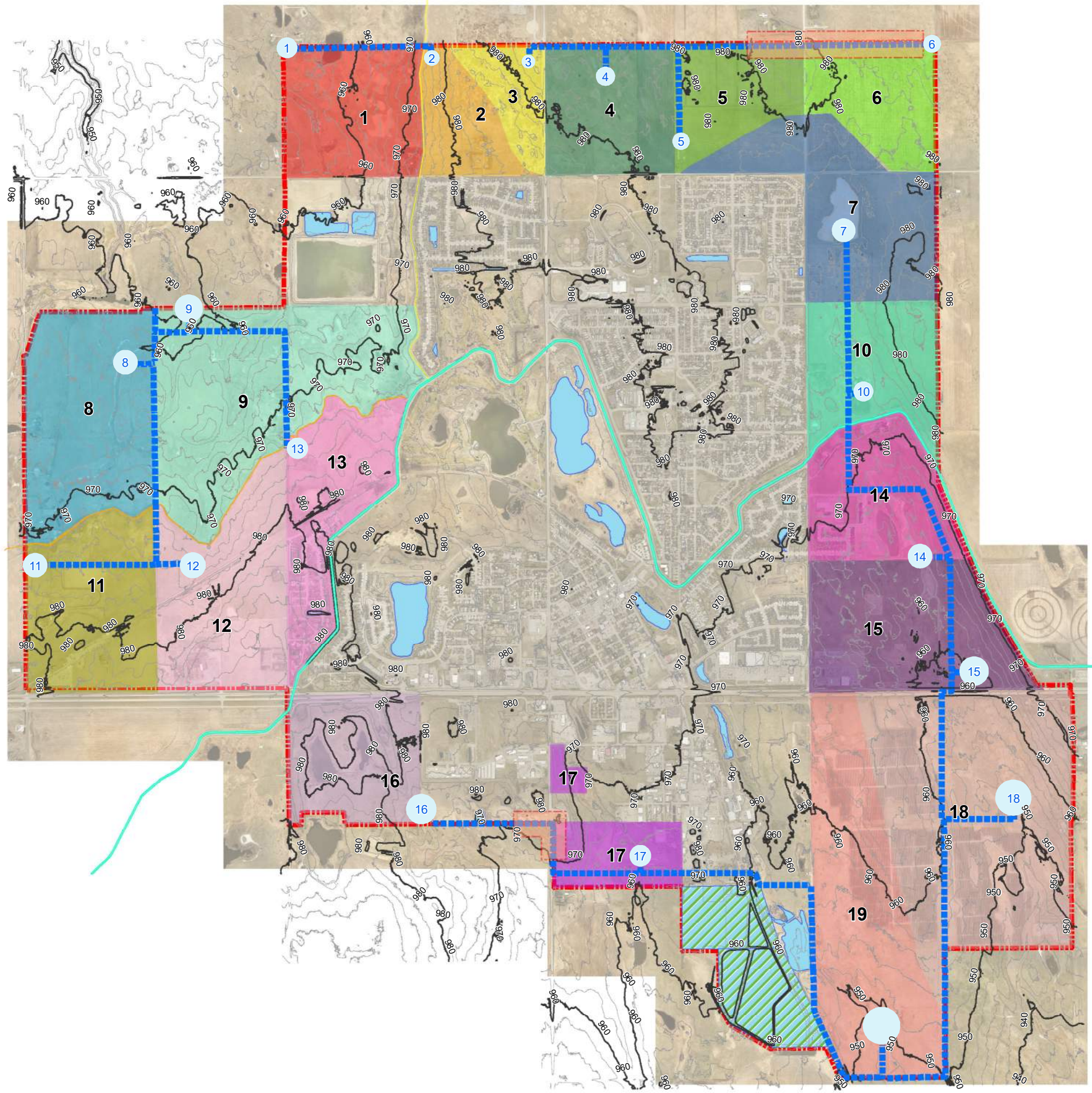
NOTES:
 1. MANHOLE 20M NOT CONNECTED TO NEW 750mm TRUNK. PARKWOOD AND THORNCLIFF DEVELOPMENT CELLS SERVICED BY EXISTING 450mm TRUNK.

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C	17/02/06	STRATHMORE SEWERS	FI	MER
B	17/01/31	STRATHMORE SEWERS	JHC	MER
A	16/01/06	STRATHMORE SEWERS	JHC	MER
REV	YY/MM/DD	DESCRIPTION	DRWN	APVD



LIFT STATIONS & FORCE MAINS			
CLIENT NO:	DRWN:	JHC	DATE: 15/12/17
PROJECT NO:	DSGN:	MER	DATE: 15/12/17
DRAWING SIZE:	ANSI "B"	CHKD:	MT DATE: 17/01/31
SCALE:	NTS	APVD:	MER DATE:

2016 MASTER SERVICING STUDY UPDATE	
DWG NO:	FIGURE 5-2
REV:	C



- ### Legend
- Major Contour - 10m Interval
 - Minor Contour - 2m Interval
 - Proposed Gravity Main
 - W.I.D. Infrastructure
 - W.I.D. Main Canal
 - W.I.D. North Canal
 - Proposed Storm Pond - Scaled
 - Potential Pressure Main Location
 - Town Boundary
 - Existing Storm Pond
 - ▨ Lagoon / Wastewater Treatment Plant

- ### Subcatchment ID
- 1
 - 2
 - 3
 - 4
 - 5
 - 6
 - 7
 - 8
 - 9
 - 10
 - 11
 - 12
 - 13
 - 14
 - 15
 - 16
 - 17
 - 18
 - 19

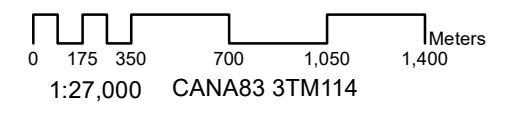


FIGURE 7.2
FUTURE SUBCATCHMENTS
STRATHMORE STORMWATER
MASTER SERVICING STUDY UPDATE

