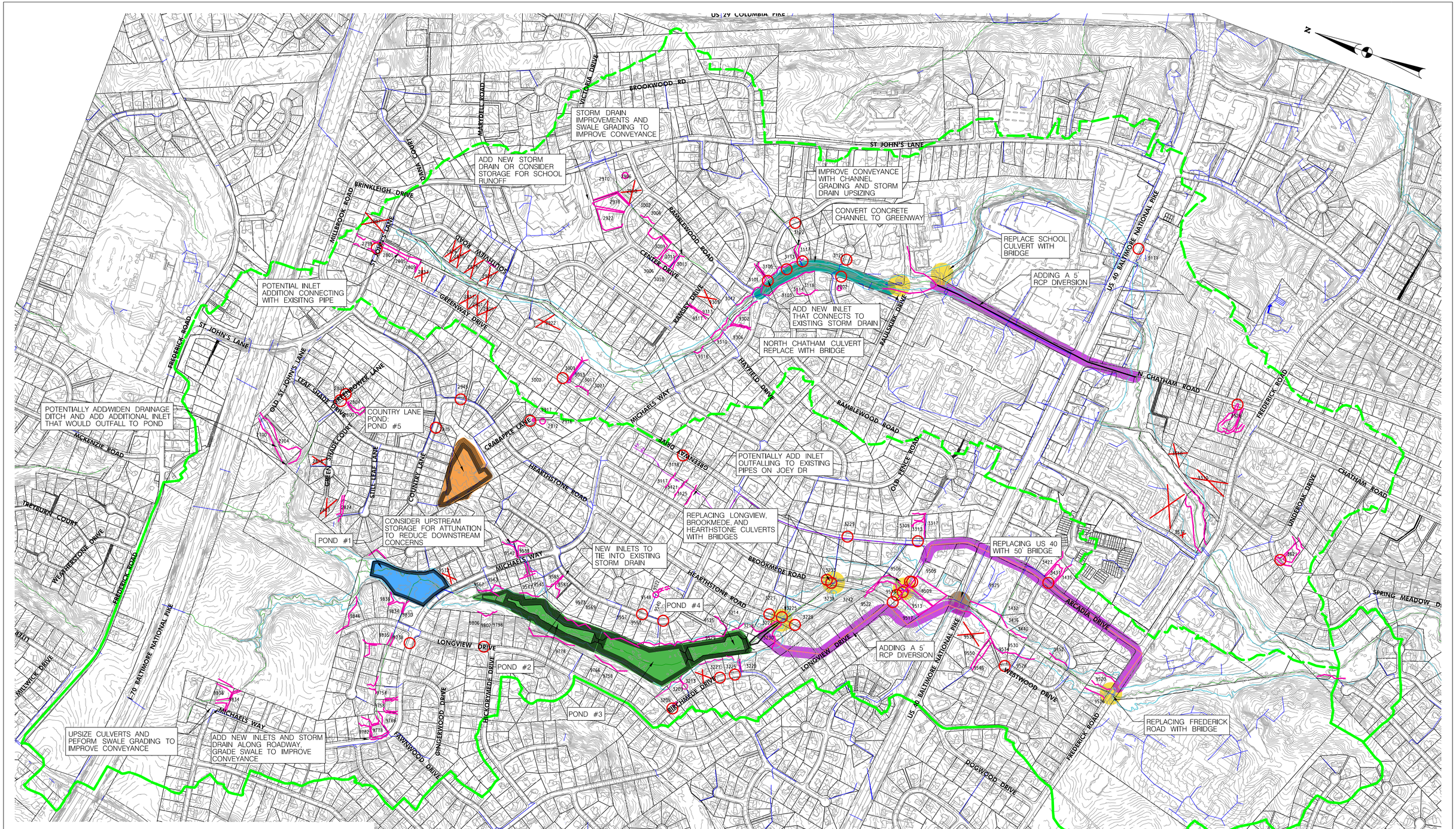
Appendix G

Hydraulic Maps

Appendix G-1

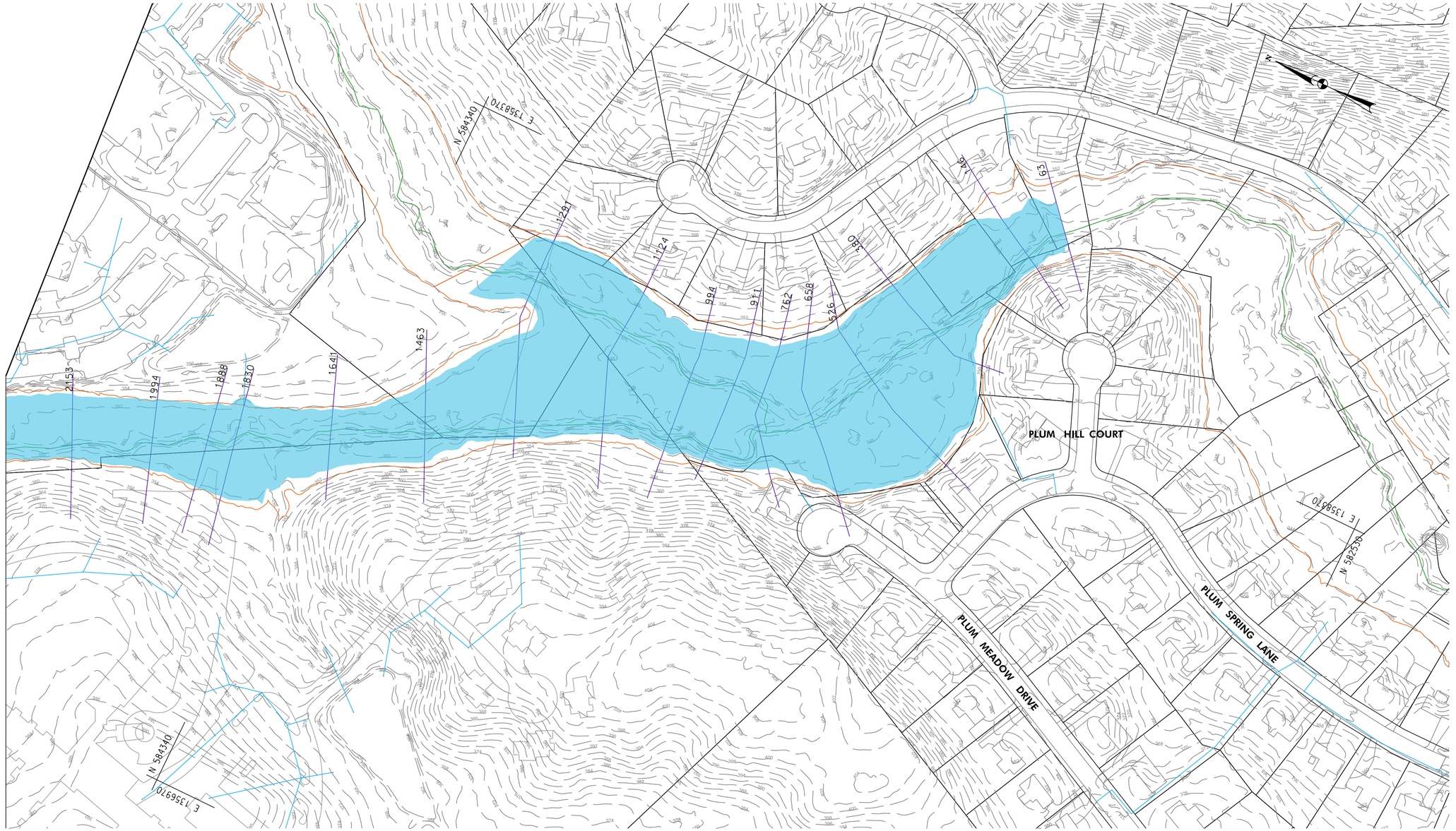
Proposed Options Map



US 29 COLUMBIA PIKE
BROOKWOOD RD
VICTORIA DRIVE
MARYDEL ROAD
DANA COURT
STORM DRAIN IMPROVEMENTS AND SWALE GRADING TO IMPROVE CONVEYANCE
ST JOHN'S LANE
ADD NEW STORM DRAIN OR CONSIDER STORAGE FOR SCHOOL RUNOFF
IMPROVE CONVEYANCE WITH CHANNEL GRADING AND STORM DRAIN UPSIZING
CONVERT CONCRETE CHANNEL TO GREENWAY
REPLACE SCHOOL CULVERT WITH BRIDGE
ADDING A 5' RCP DIVERSION
US 40 BALTIMORE NATIONAL PIKE
BRINKLEIGH DRIVE
MILLBROOK ROAD
ST JOHN'S LANE
SOUTHVIEW ROAD
RAMBLEWOOD ROAD
CENTER DRIVE
RAMSEY DRIVE
POTENTIAL INLET ADDITION CONNECTING WITH EXISITNG PIPE
GREENWAY DRIVE
ADD NEW INLET THAT CONNECTS TO EXISTING STORM DRAIN
NORTH CHATHAM CULVERT REPLACE WITH BRIDGE
PAULSKIRK DRIVE
FREDERICK ROAD
ST JOHN'S LANE
OLD ST JOHN'S LANE
LEAF SHADE DRIVE
GREENBOWER LANE
HAYFIELD DRIVE
N. CHATHAM ROAD
FREDERICK ROAD
POTENTIALLY ADD/WIDEN DRAINAGE DITCH AND ADD ADDITIONAL INLET THAT WOULD OUTFALL TO POND
COUNTRY LANE POND: POND #5
MICHAELS WAY
RAMBLEWOOD ROAD
MCKENZIE ROAD
CRABAPPLE LANE
GREENWAY DRIVE
POTENTIALLY ADD INLET OUTFALLING TO EXISTING PIPES ON JOEY DR
OLD FENCE ROAD
CHATHAM ROAD
UNDEROAK DRIVE
HEARTHSTONE ROAD
TREYBURN COURT
CONSIDER UPSTREAM STORAGE FOR ATTUNATION TO REDUCE DOWNSTREAM CONCERNS
POND #1
REPLACING LONGVIEW, BROOKMEDE, AND HEARTHSTONE CULVERTS WITH BRIDGES
NEW INLETS TO TIE INTO EXISTING STORM DRAIN
REPLACING US 40 WITH 50' BRIDGE
WEATHERSTONE DRIVE
FREDERICK ROAD
MICHAELS WAY
BROOKMEDE ROAD
HEARTHSTONE ROAD
POND #4
SPRING MEADOW DR
ARCADIA DRIVE
LONGVIEW DRIVE
ADDING A 5' RCP DIVERSION
LONGVIEW DRIVE
POND #2
I-70 BALTIMORE NATIONAL PIKE
MILLWICK DRIVE
BIRCHMEDE DRIVE
WESTWOOD DRIVE
US 40 BALTIMORE NATIONAL PIKE
HICKORYMEDE DRIVE
POND #3
MICHAELS WAY
GINGERWOOD DRIVE
FAWNWOOD DRIVE
UPSIZE CULVERTS AND PEFORM SWALE GRADING TO IMPROVE CONVEYANCE
ADD NEW INLETS AND STORM DRAIN ALONG ROADWAY, GRADE SWALE TO IMPROVE CONVEYANCE
REPLACING FREDERICK ROAD WITH BRIDGE
FREDERICK ROAD
DOGWOOD DRIVE
LEGEND
S&S SURVEY SKETCH
STORM DRAIN
HOMEOWNER COMPLAINTS
HOMEOWNER SURVEY RESPONSE, NO FLOODING
FEMA 100-YEAR FLOODPLAIN
GIS STREAM CENTERLINE
400' 0 400' 800'
SCALE: 1" = 400'
Valley Mede Flood Study
Proposed Options

Appendix G-2

Floodplain and HEC-RAS Cross Section Maps



LEGEND

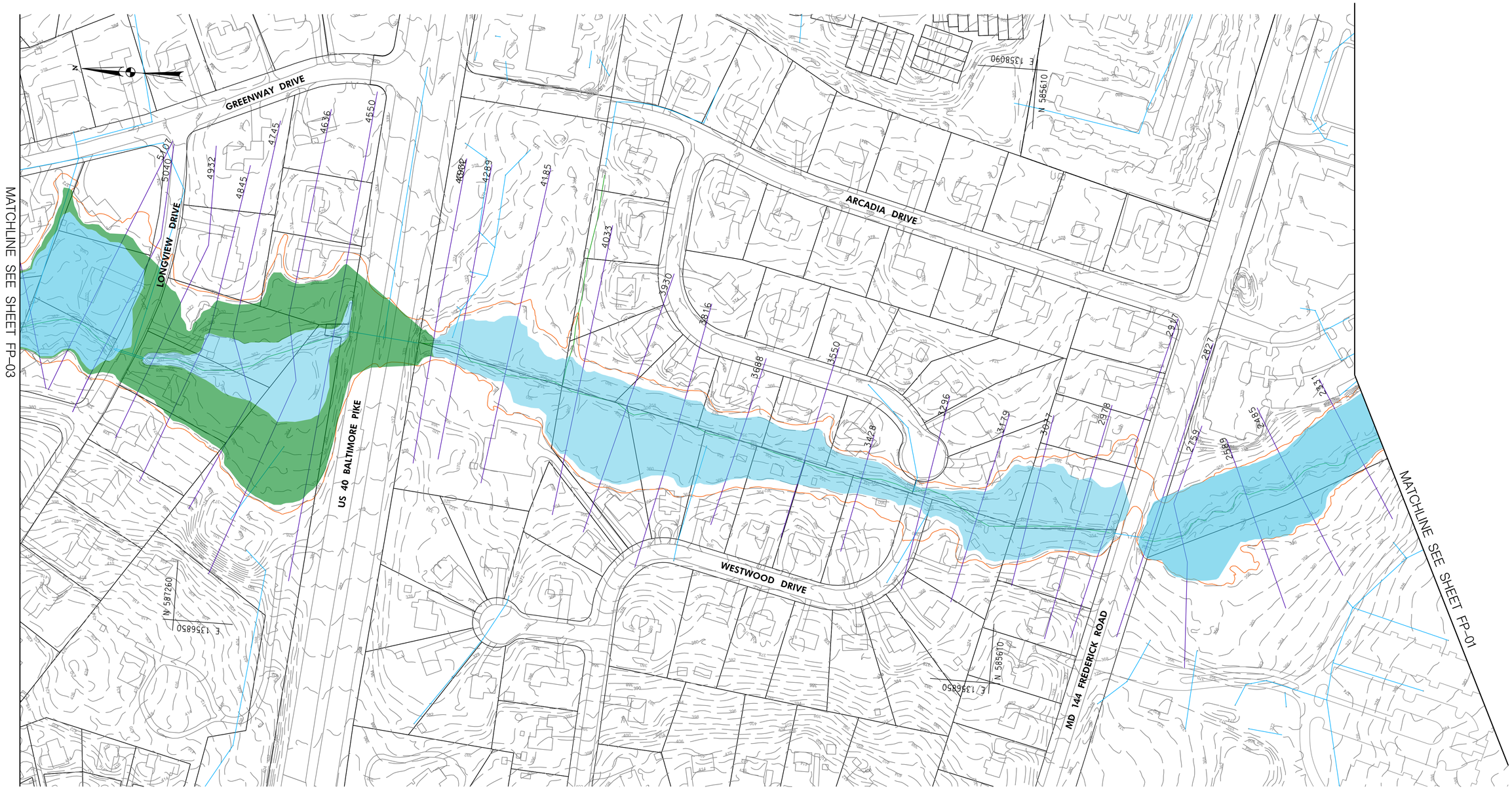
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-01

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option A



LEGEND

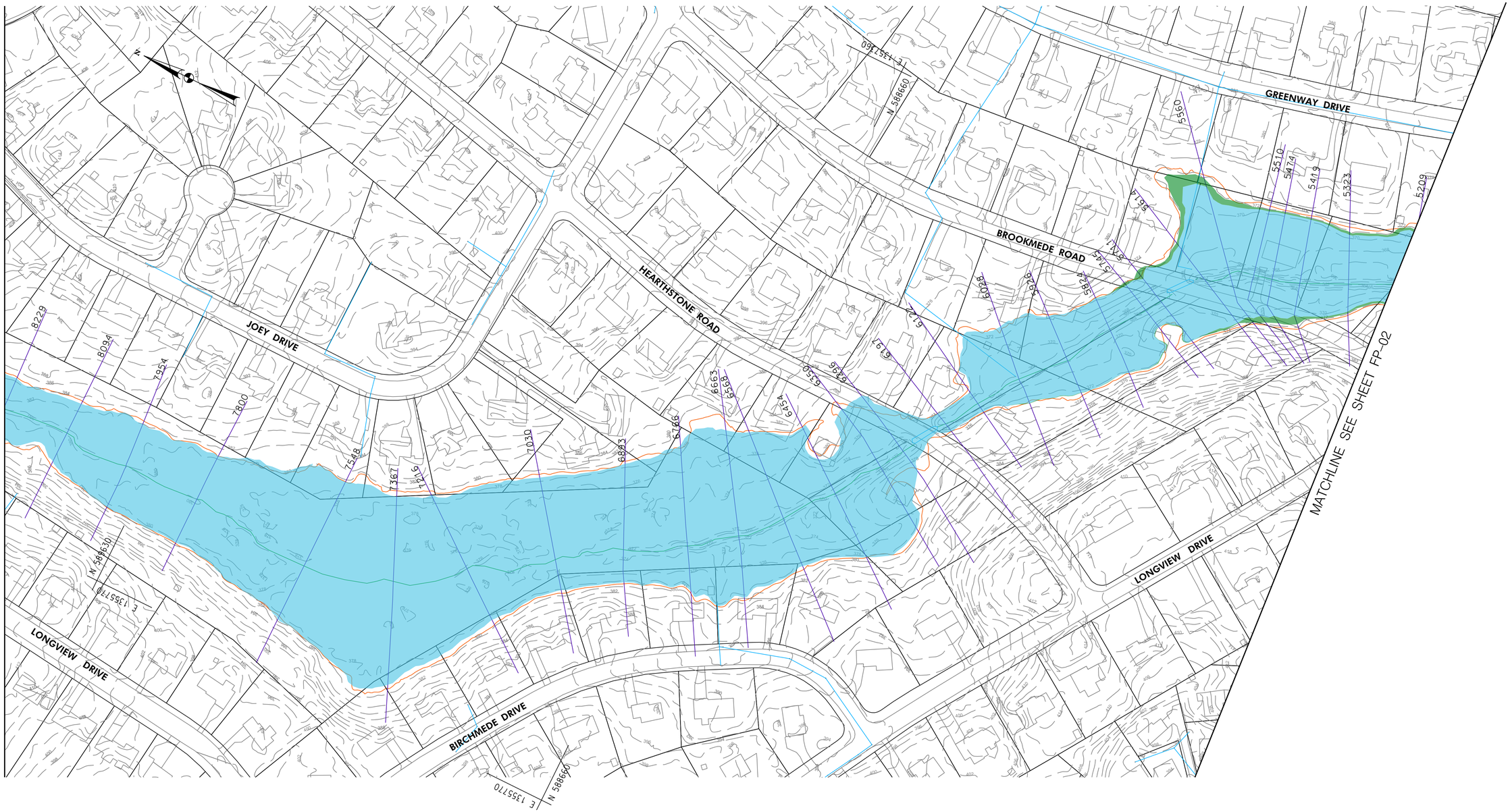
EXISTING AND PROPOSED FLOODPLAIN OVERLAP	CHANNEL CENTERLINE (GIS)
PROPOSED FLOODPLAIN DECREASE	EXISTING FEMA FLOODPLAIN
PROPOSED FLOODPLAIN INCREASE	STORM DRAIN
	HEC-RAS CROSS SECTION

FP-02

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option A



LEGEND

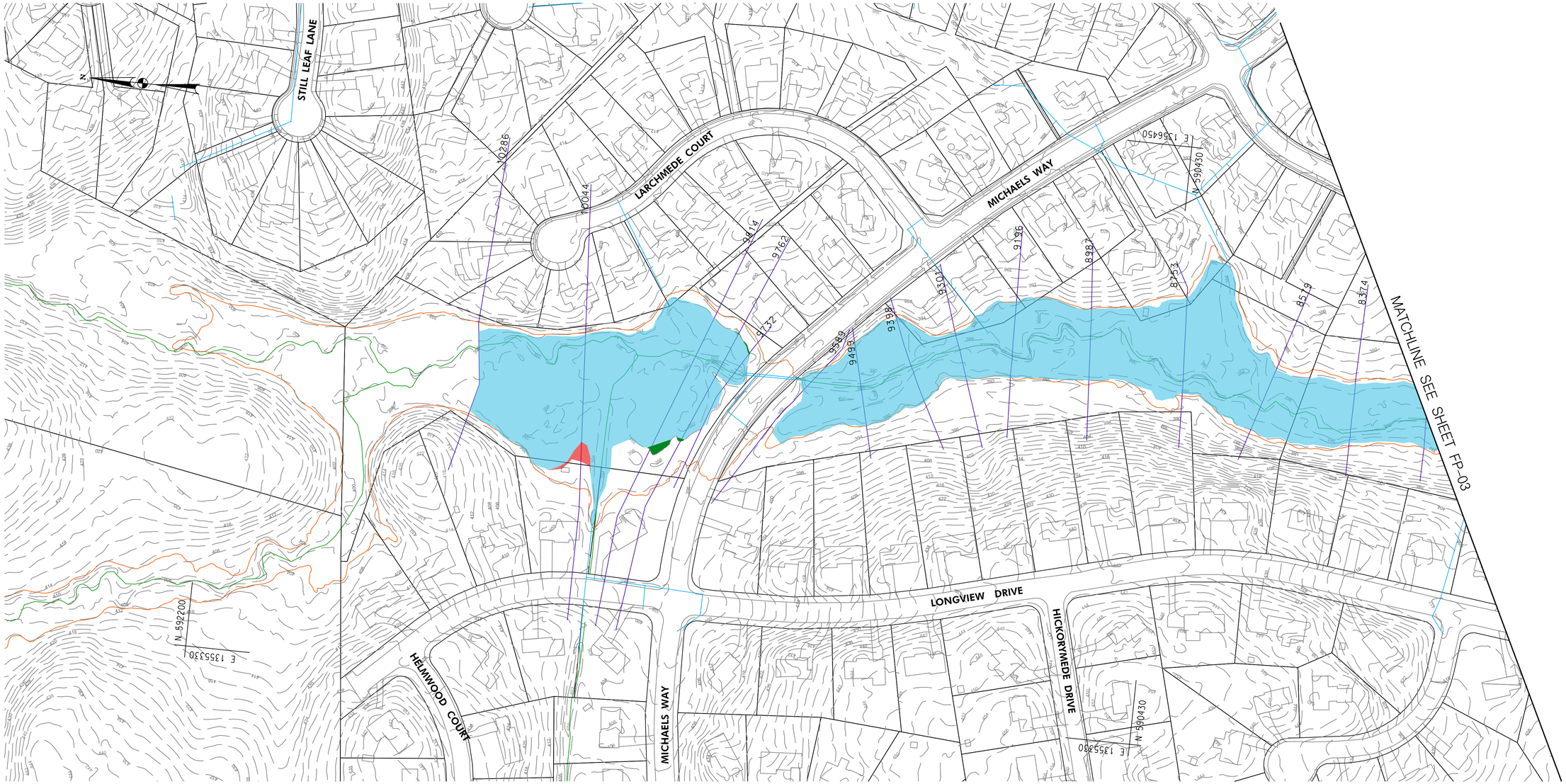
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-03

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option A



LEGEND

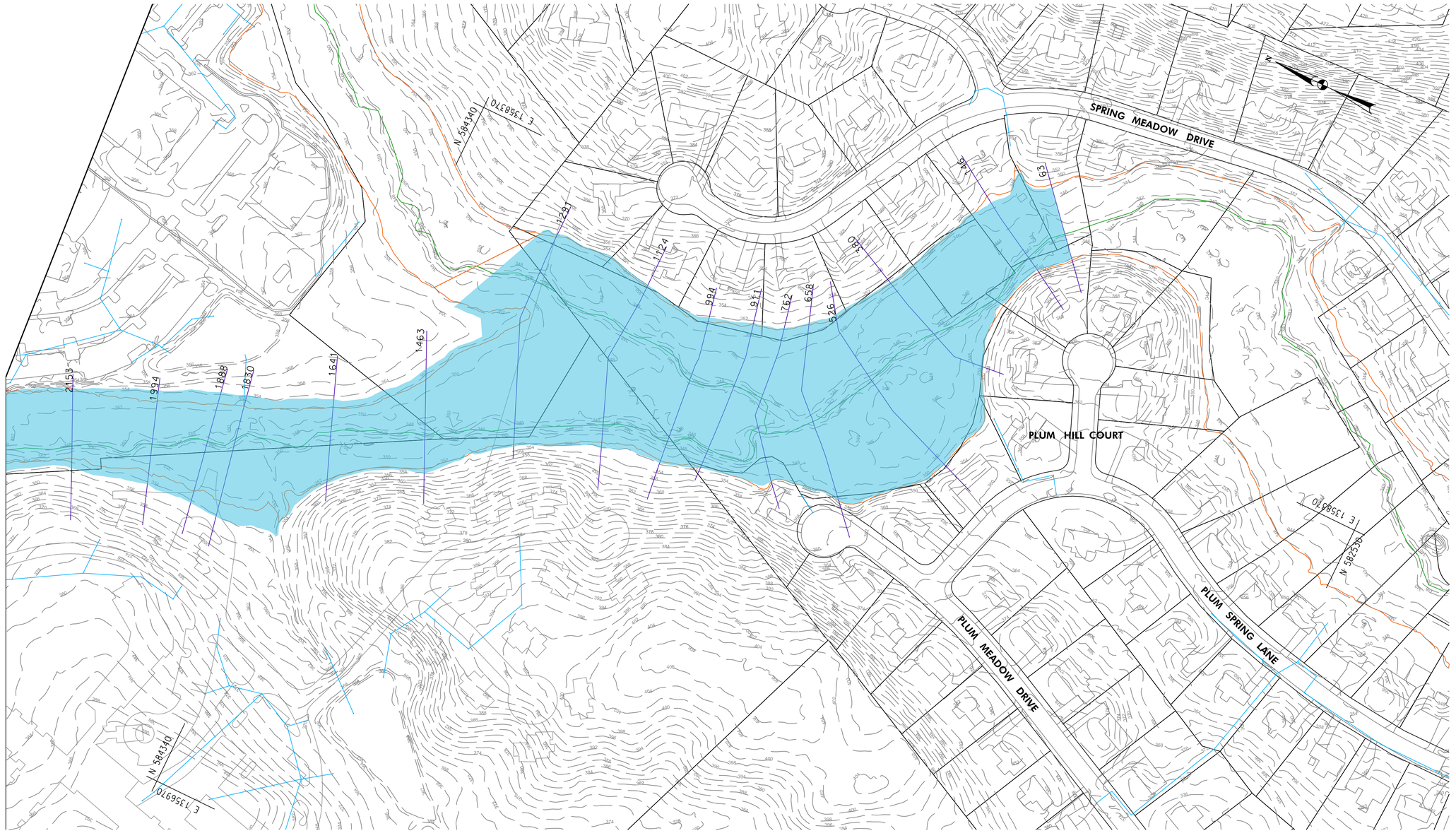
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–04

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option A



LEGEND

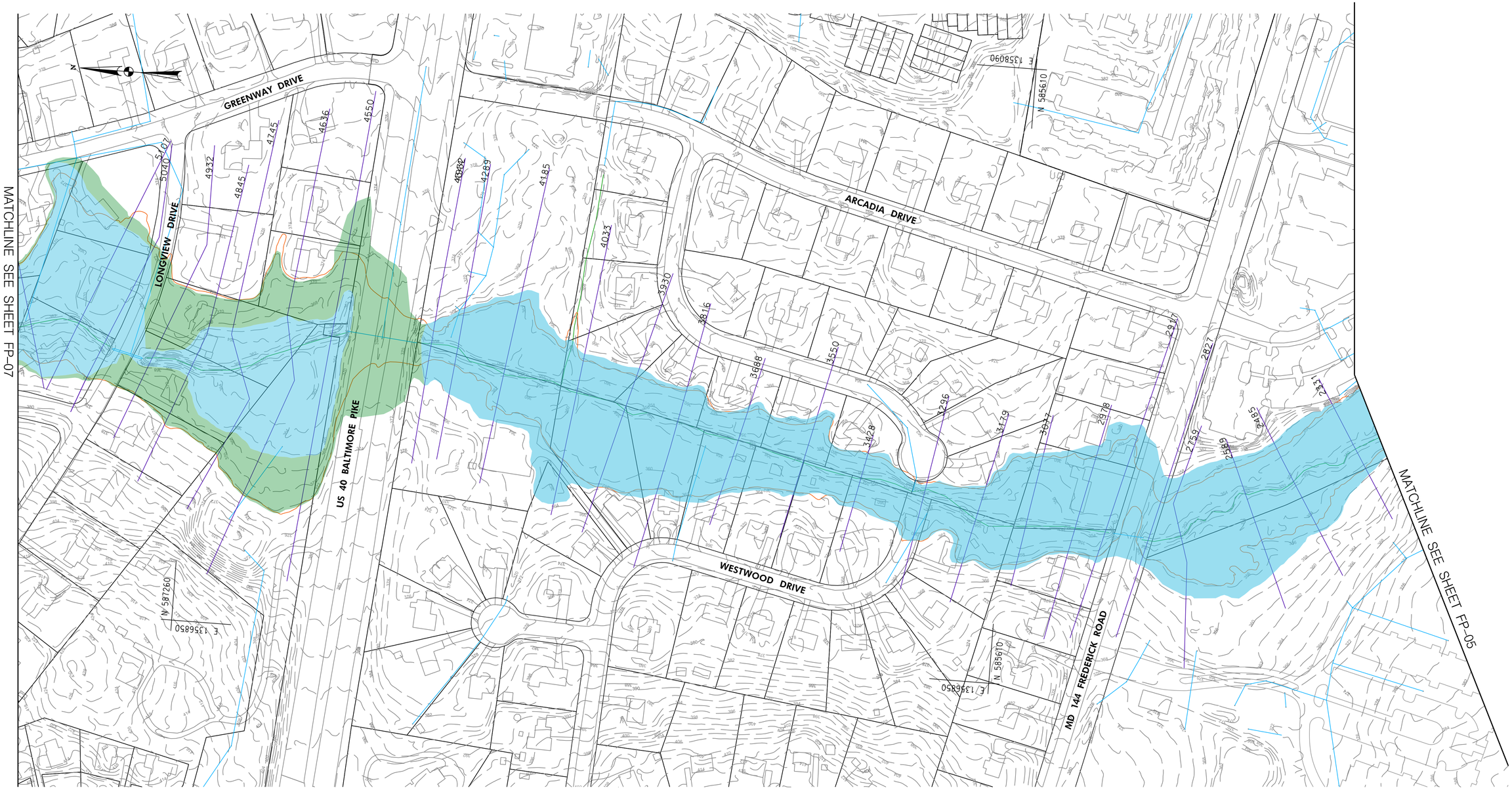
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-05

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option A



LEGEND

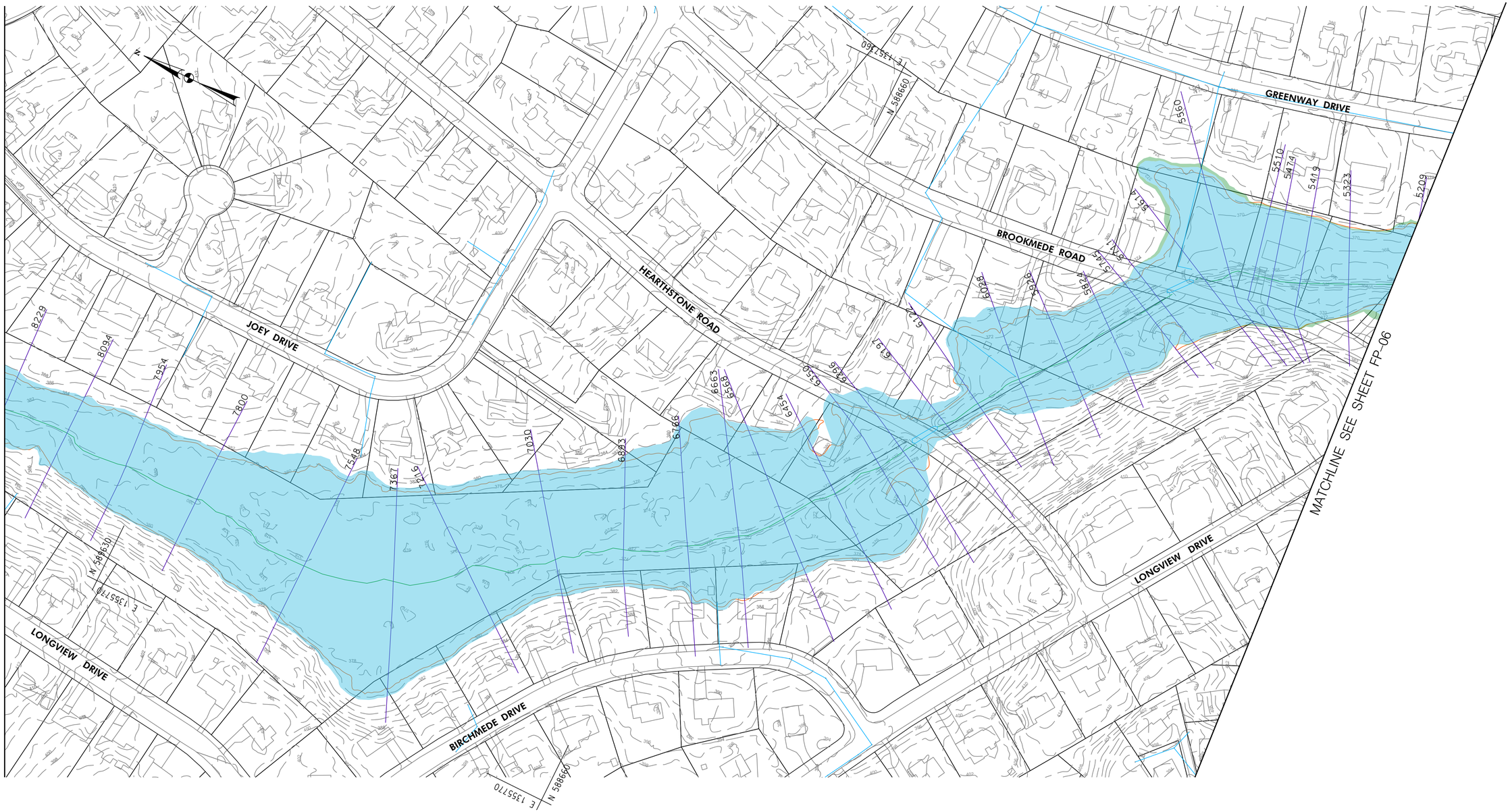
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-06

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option A



LEGEND

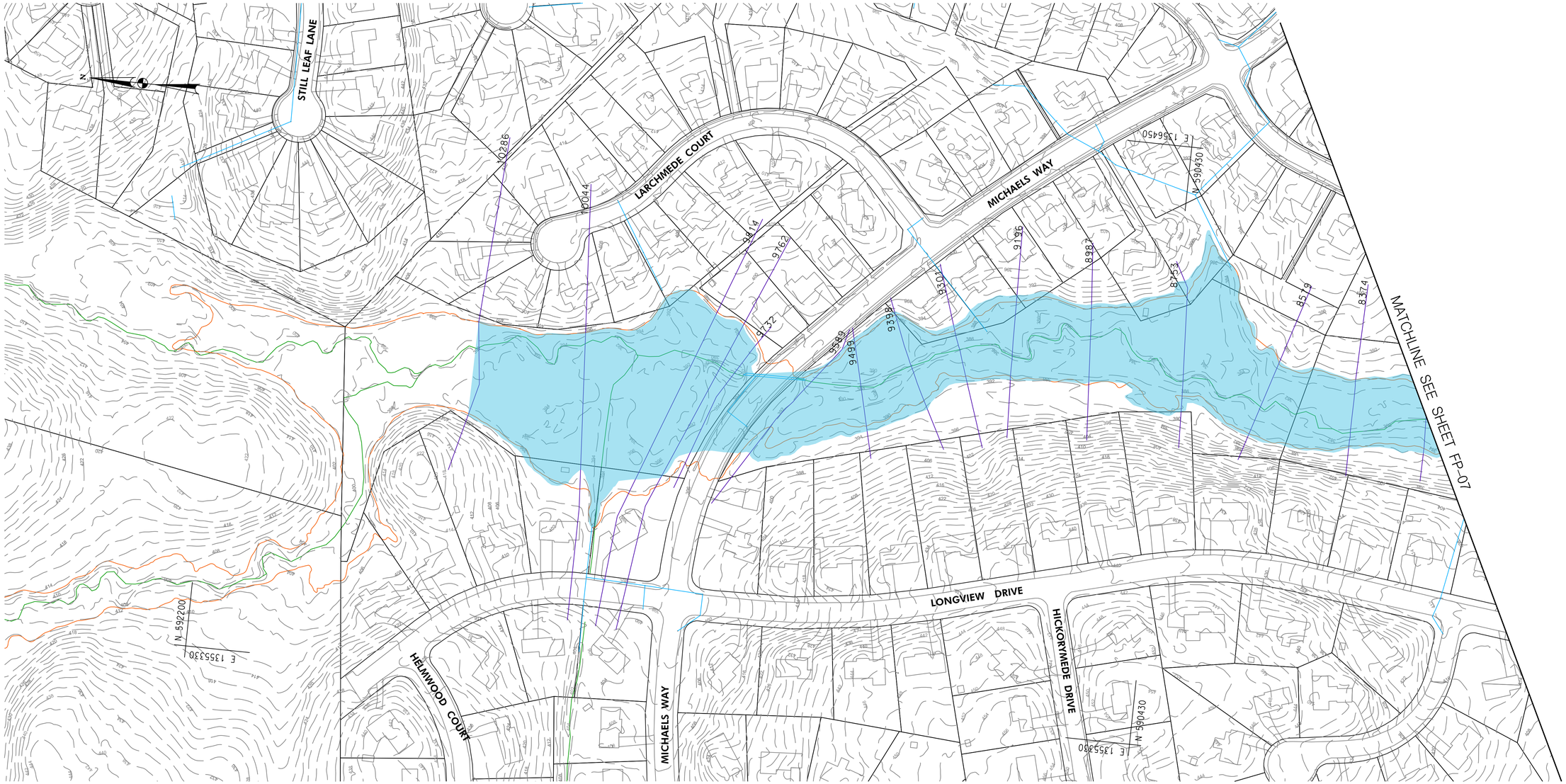
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–07

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option A



LEGEND

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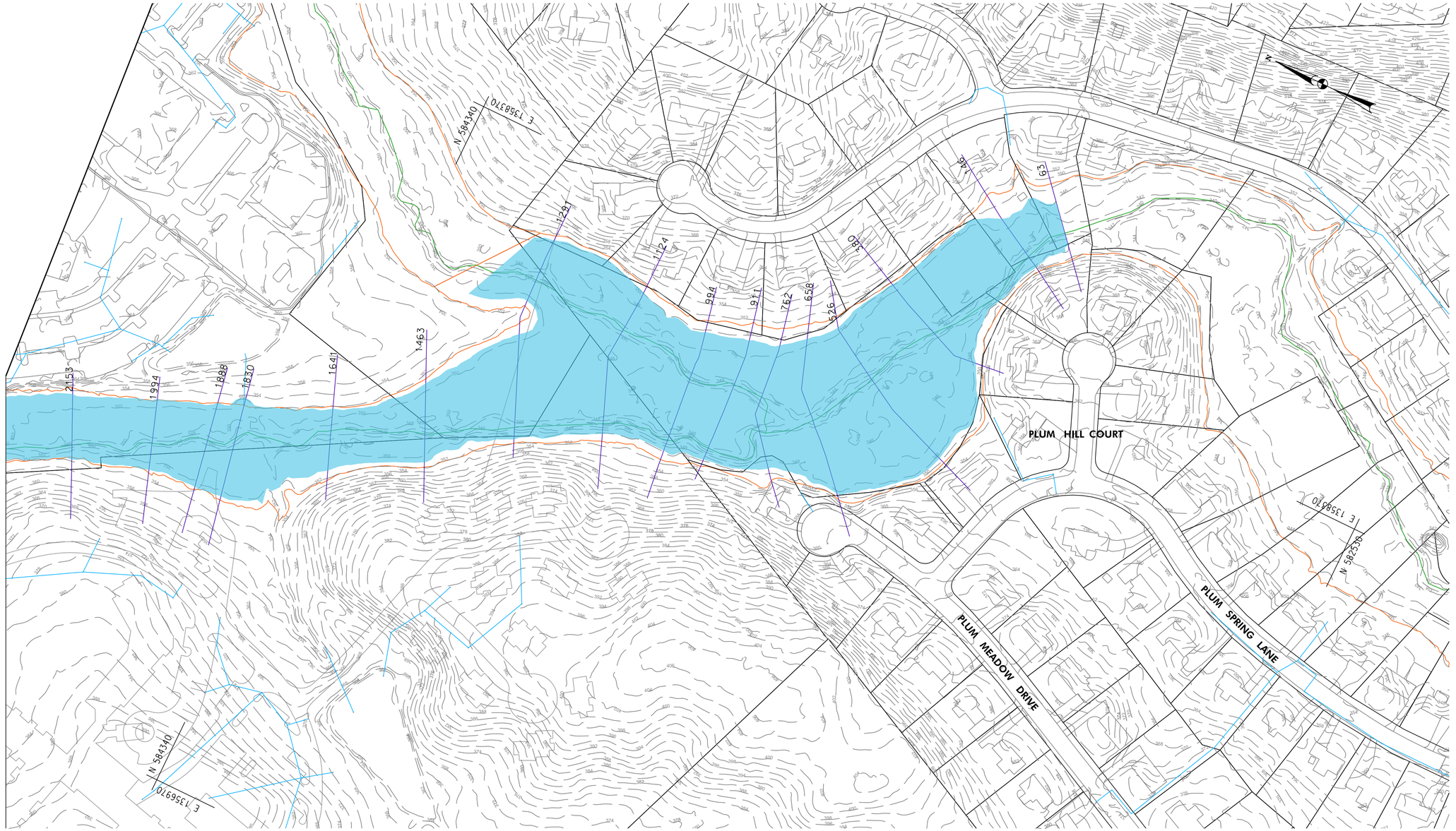
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-08

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option A



LEGEND

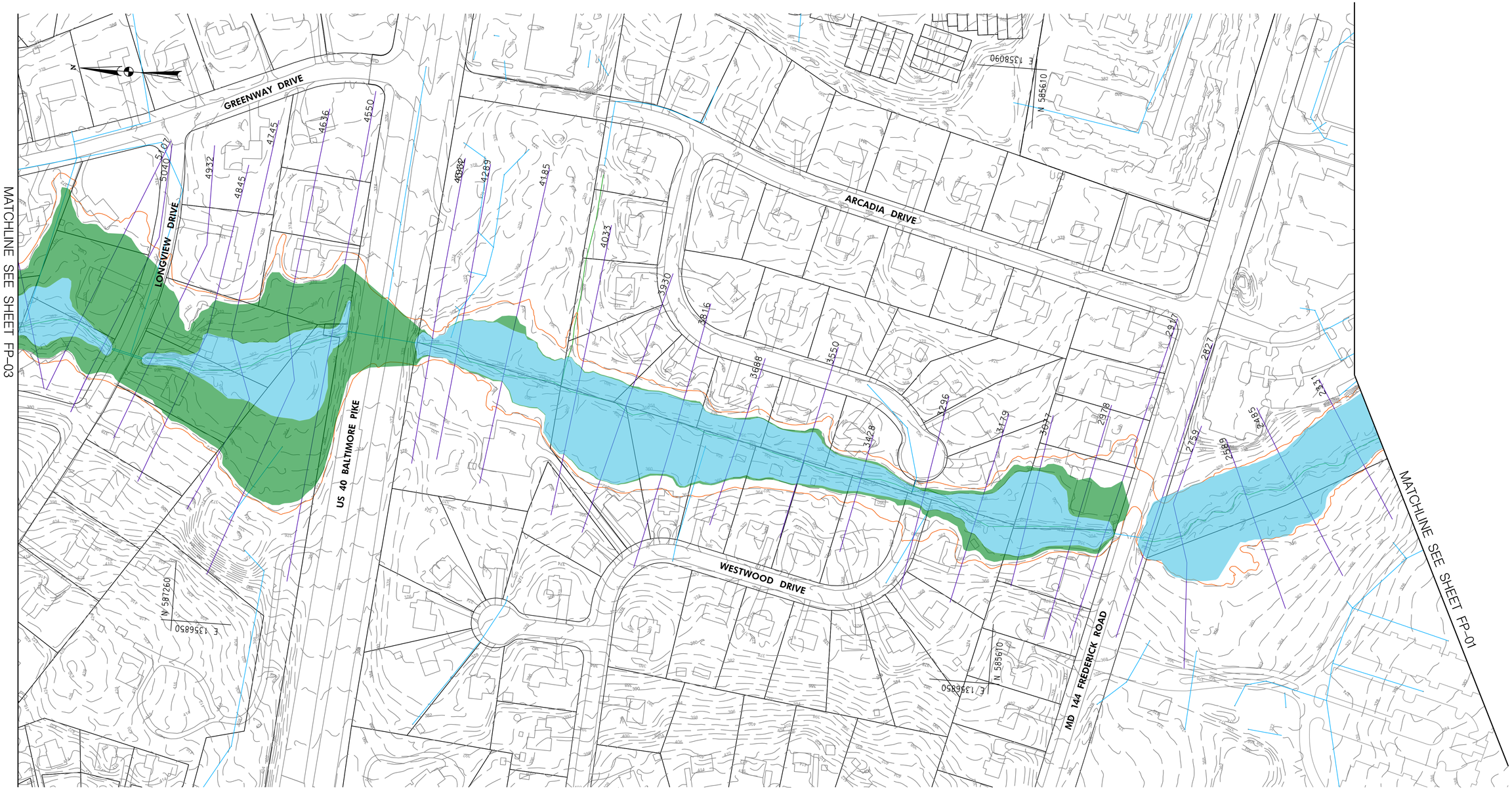
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-01

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option B



LEGEND

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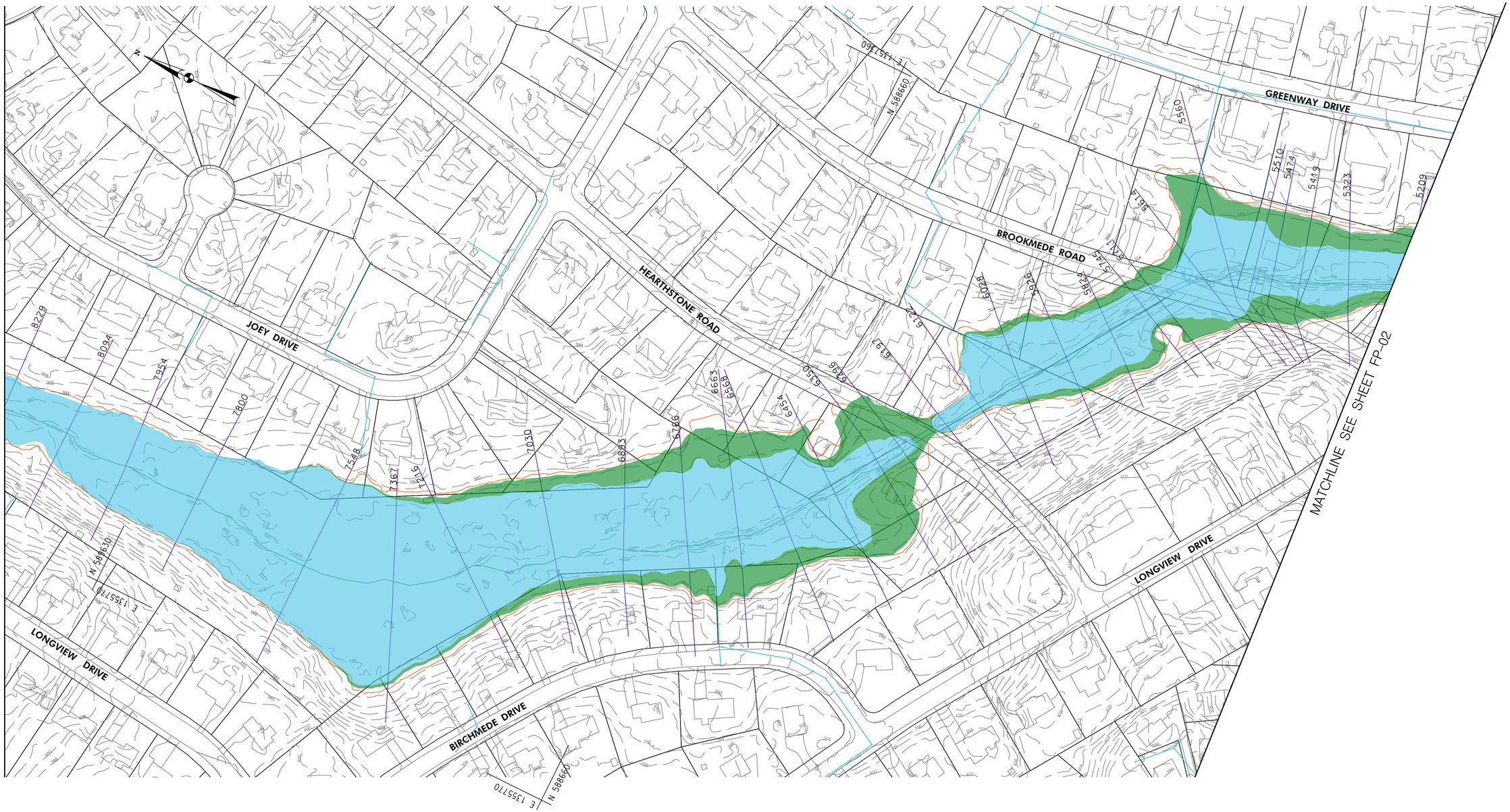
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-02

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option B



LEGEND

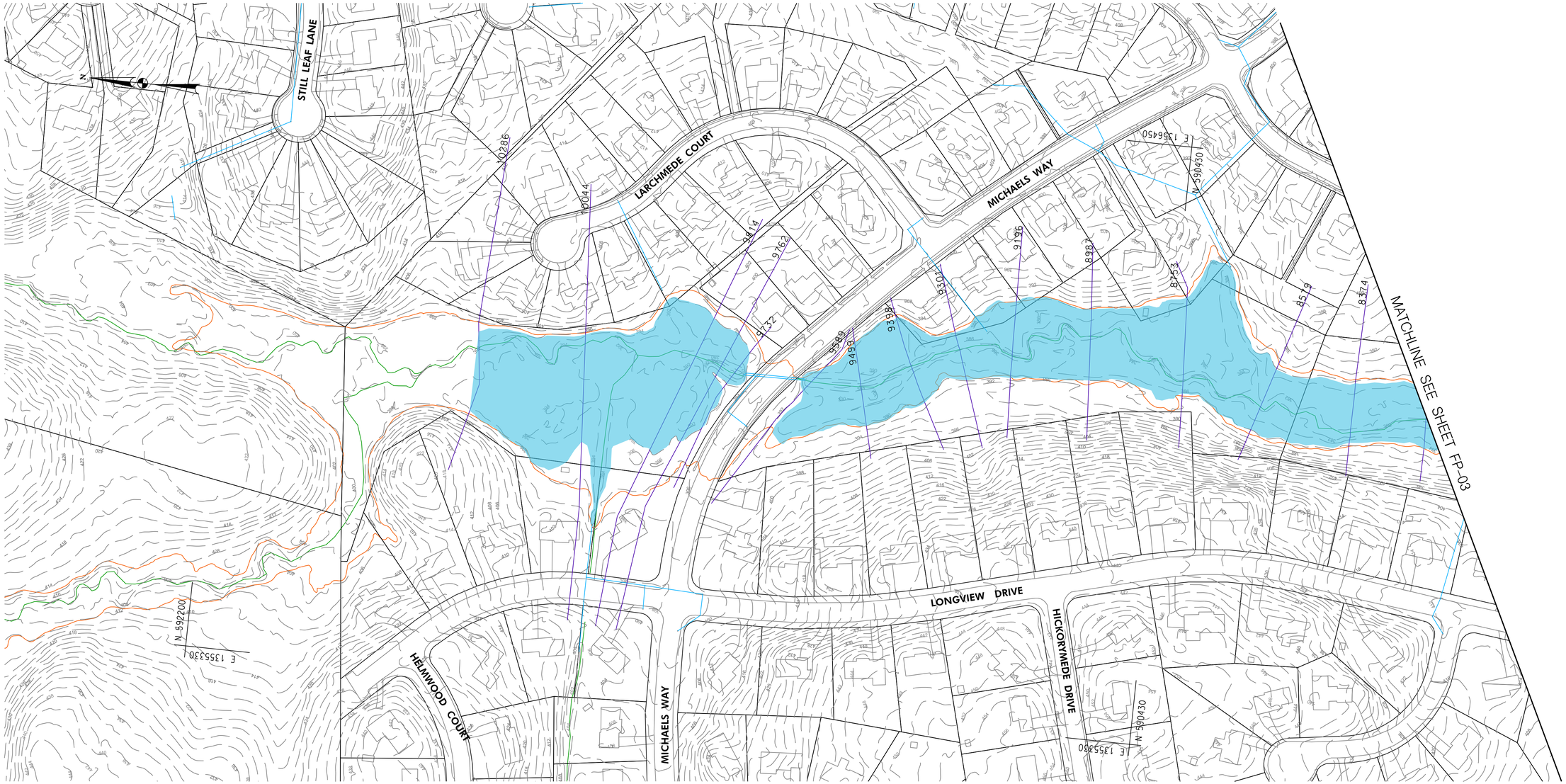
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-03

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option B



LEGEND

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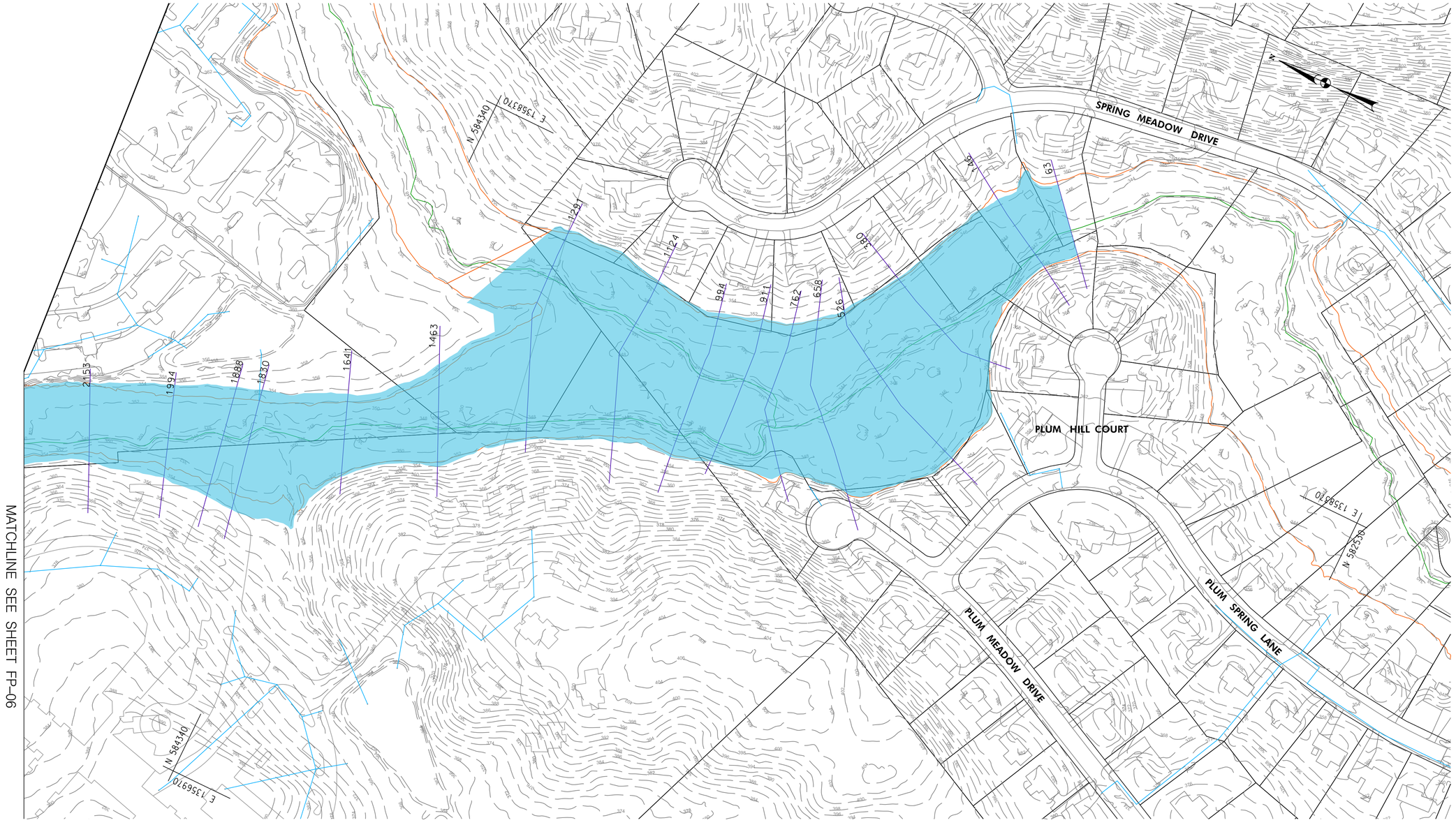
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–04

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option B



LEGEND

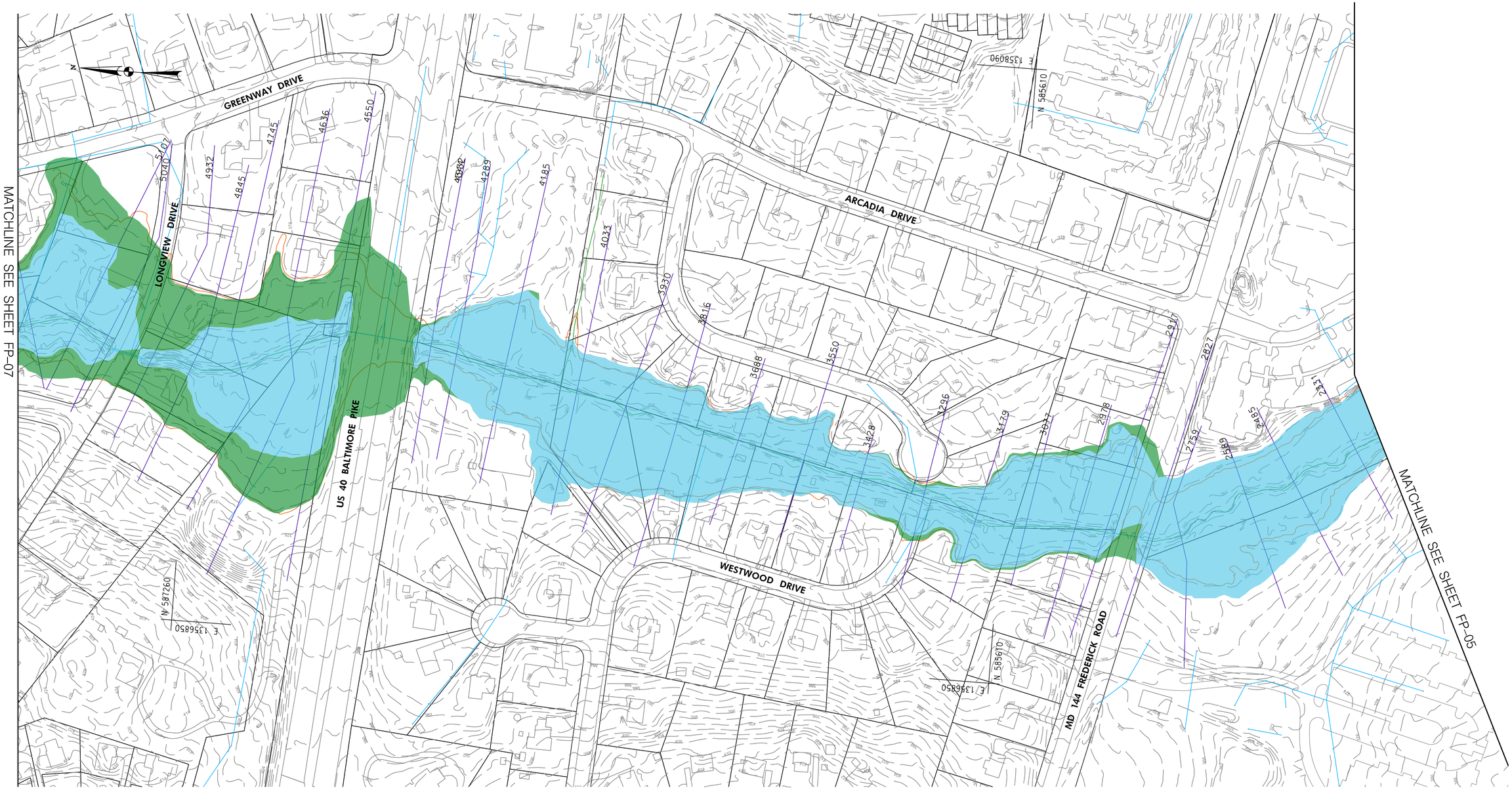
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-05

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option B



LEGEND

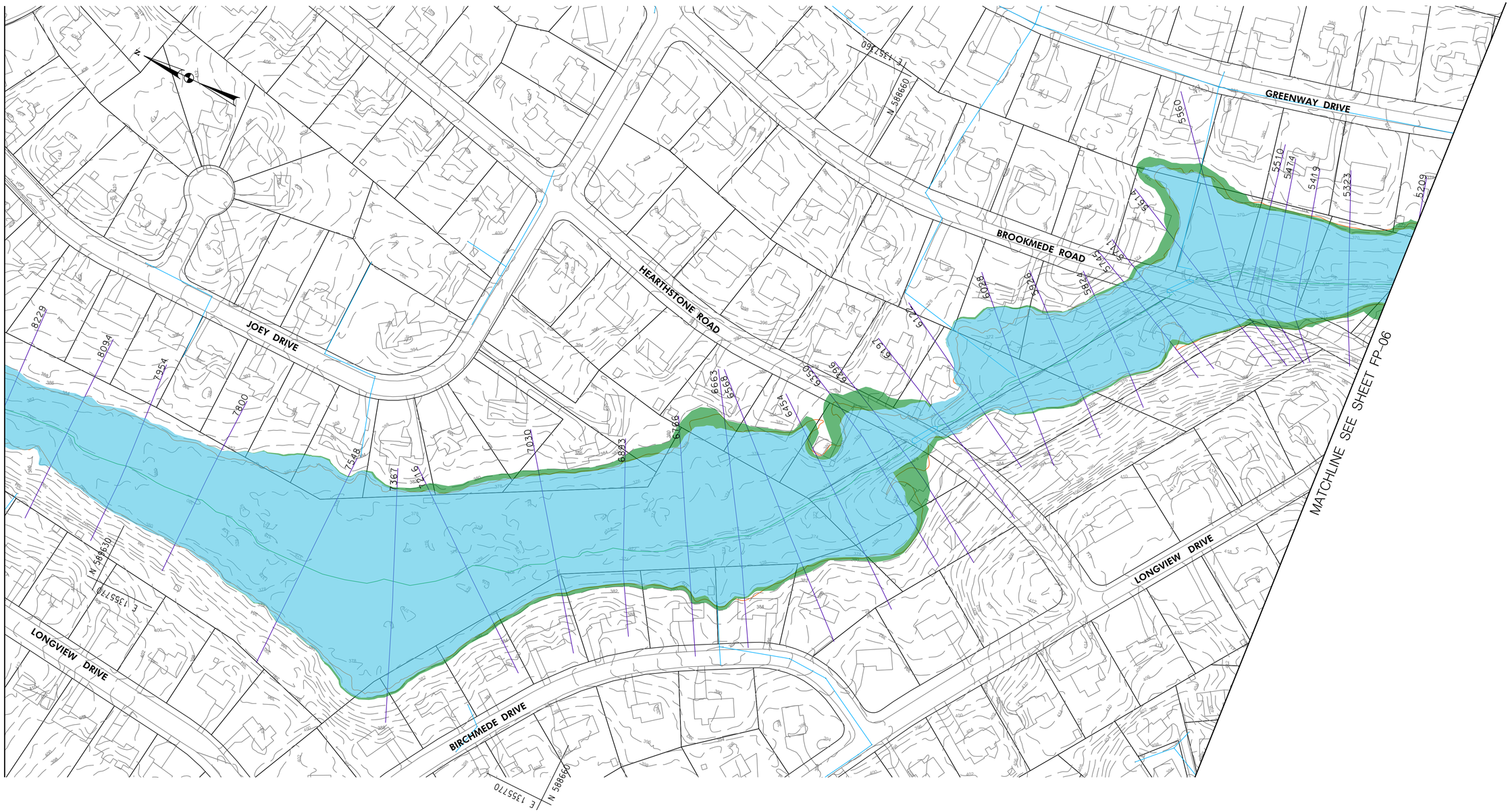
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-06

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option B



LEGEND

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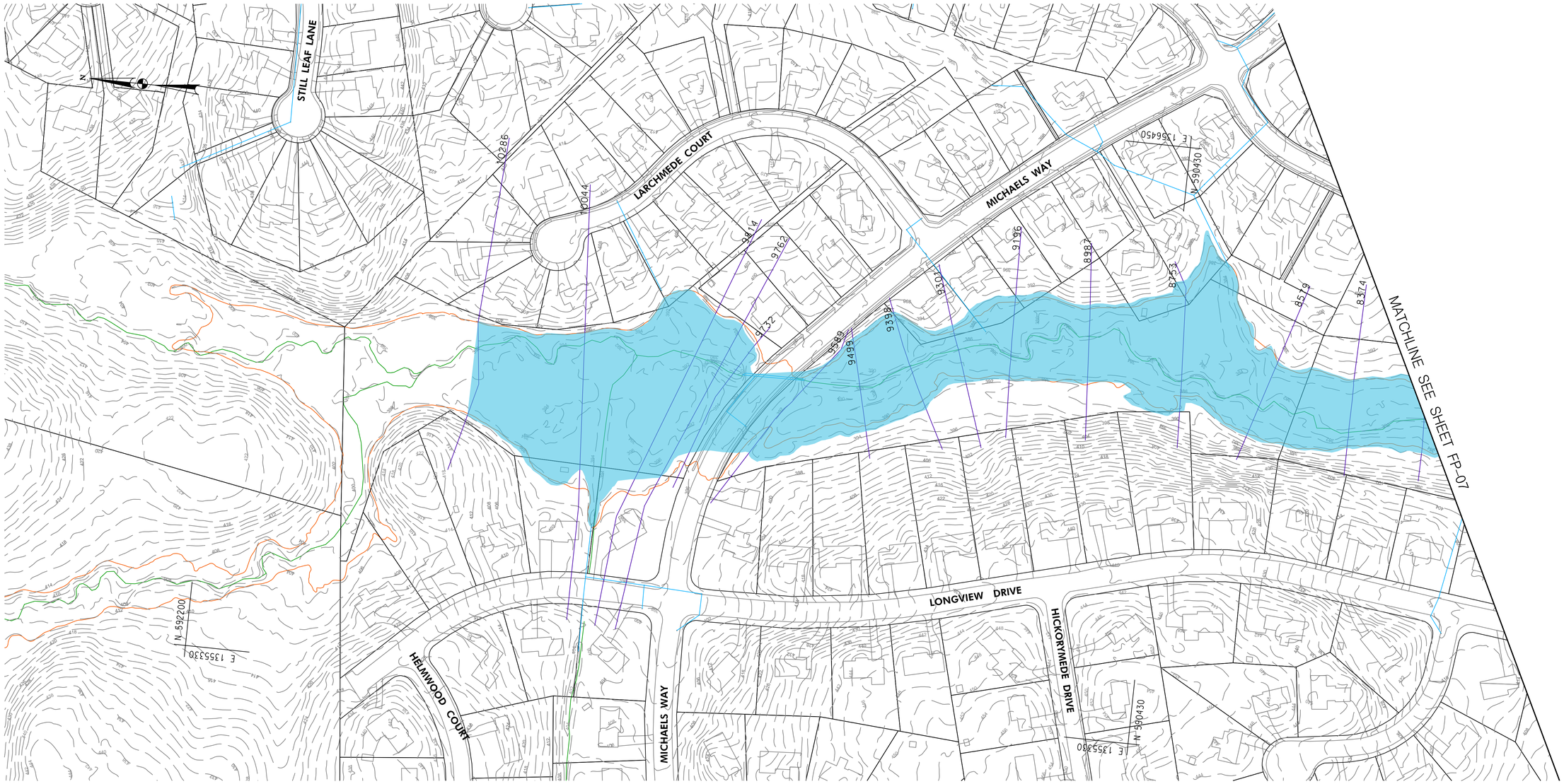
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–07

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option B



LEGEND

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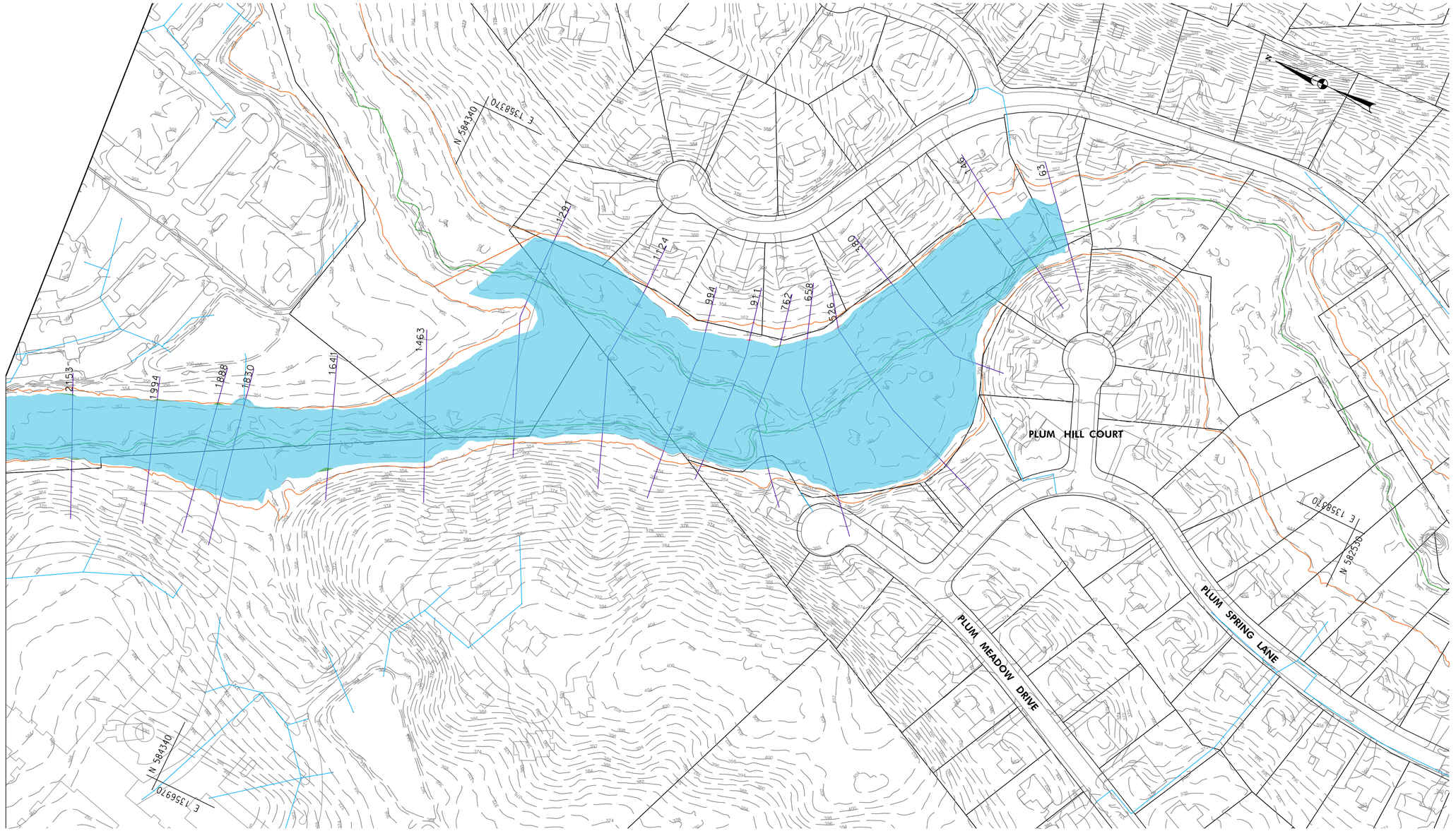
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-08

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option B



LEGEND

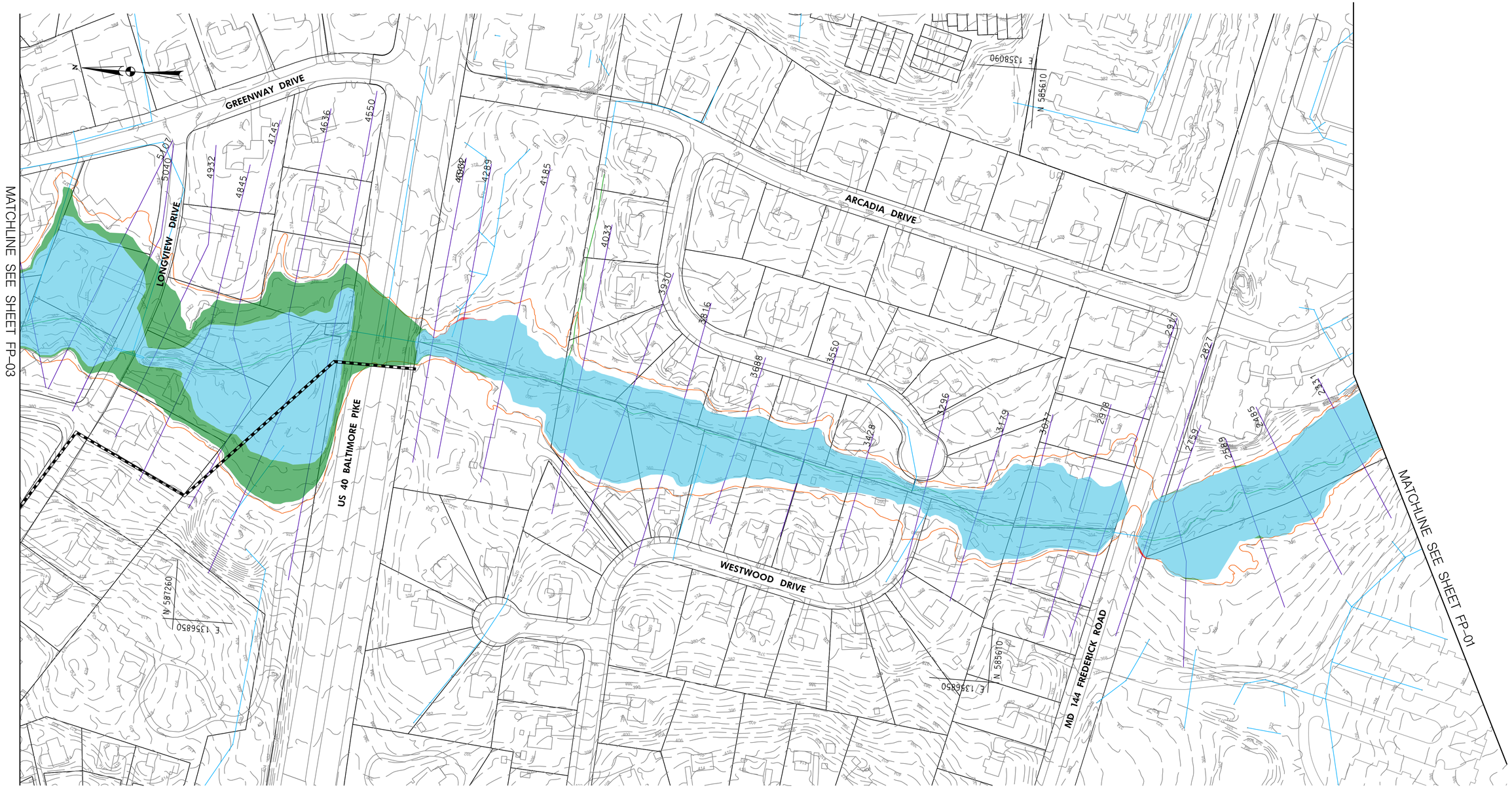
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-01

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option C



LEGEND

- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
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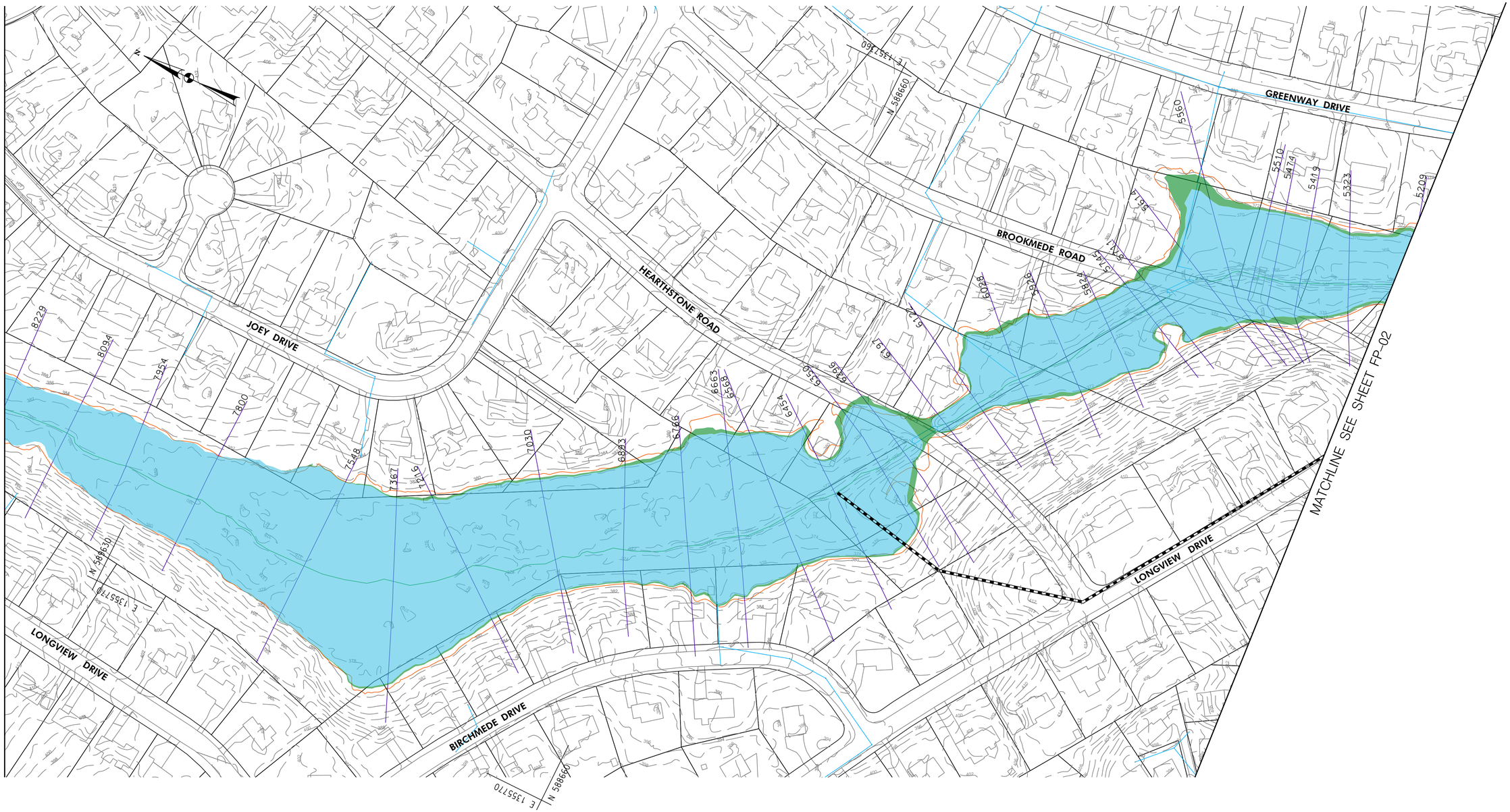
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-02

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option C



LEGEND

- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
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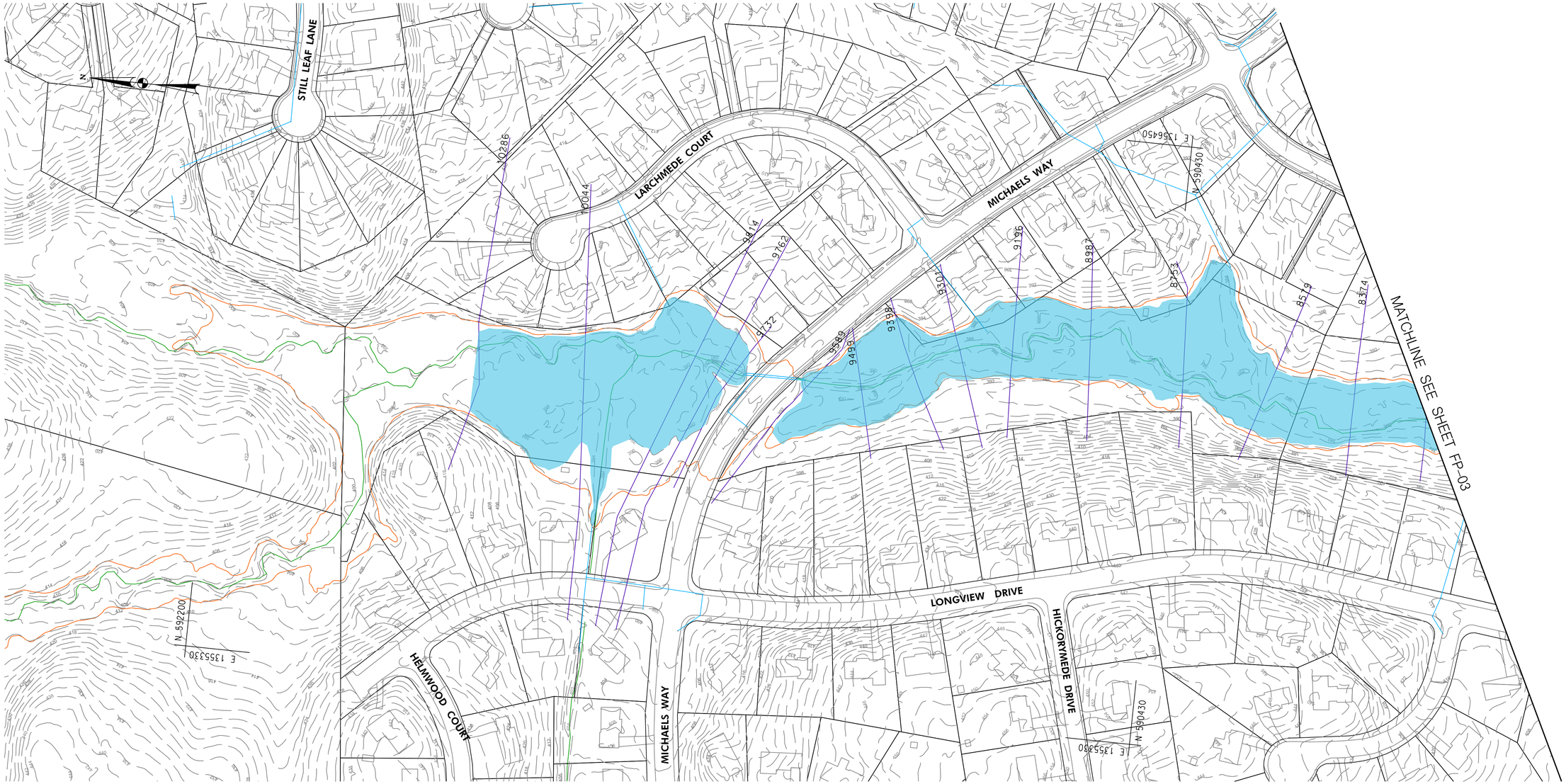
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–03

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option C



LEGEND

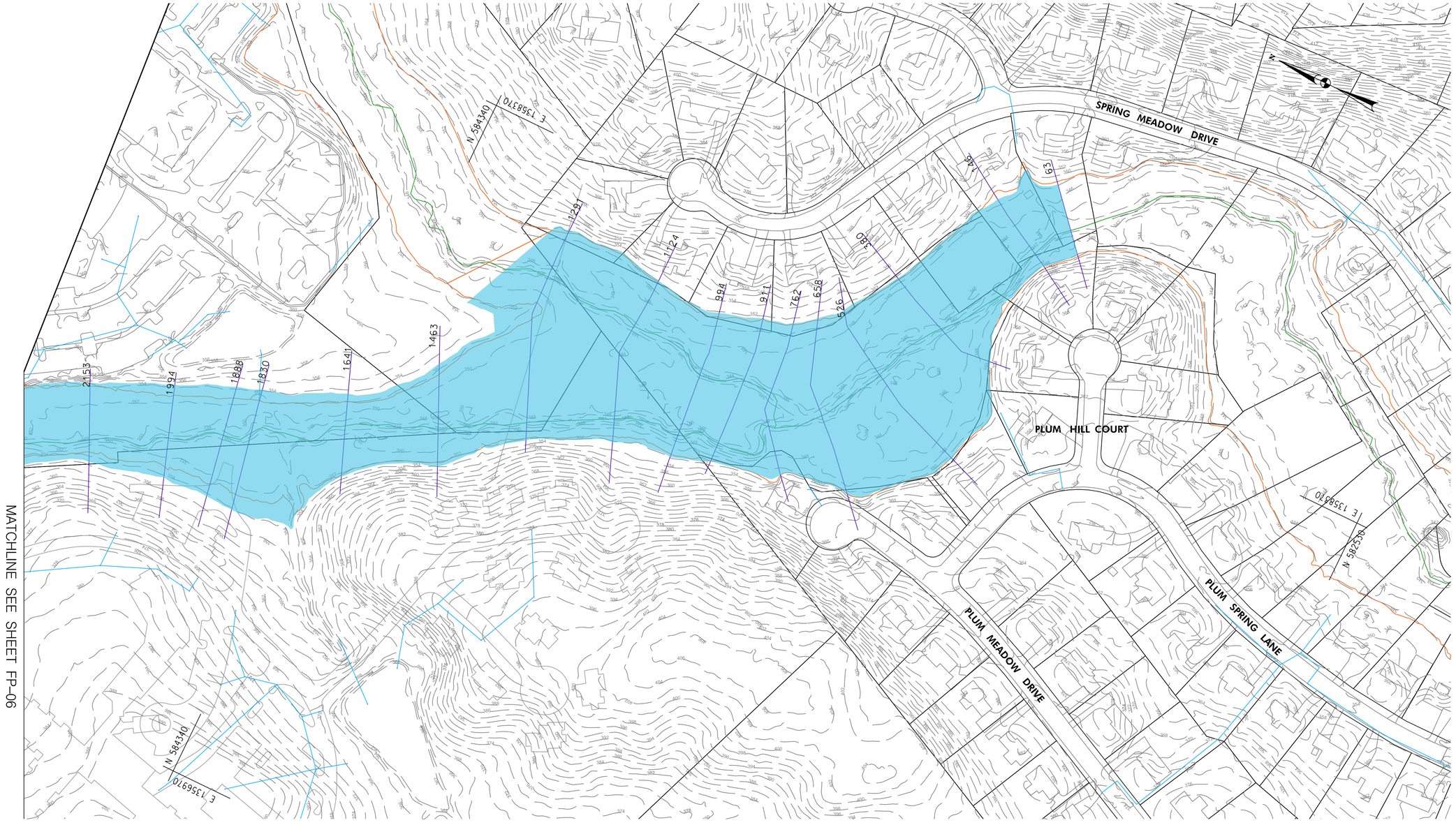
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–04

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option C



LEGEND

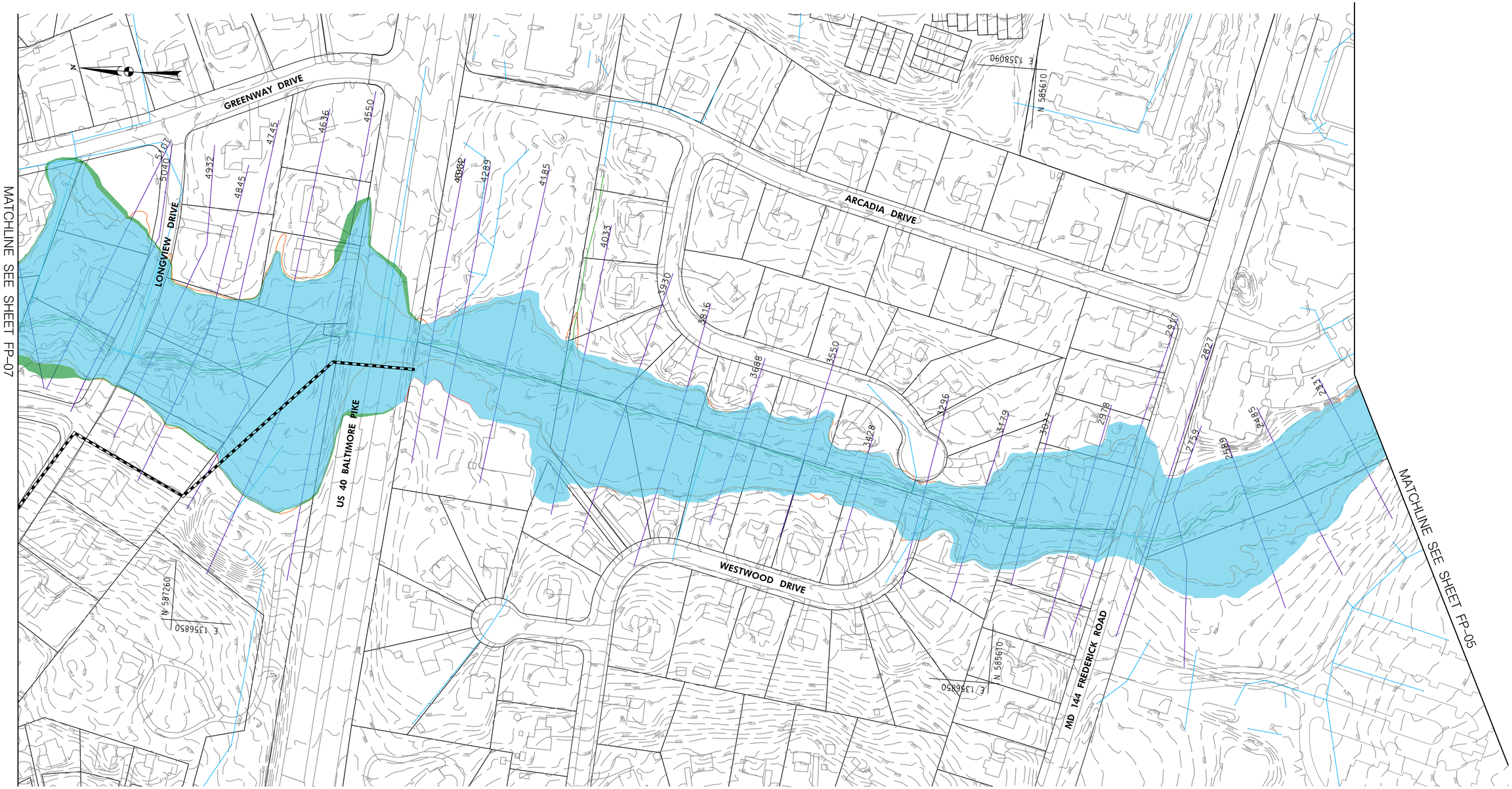
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-05

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option C



LEGEND

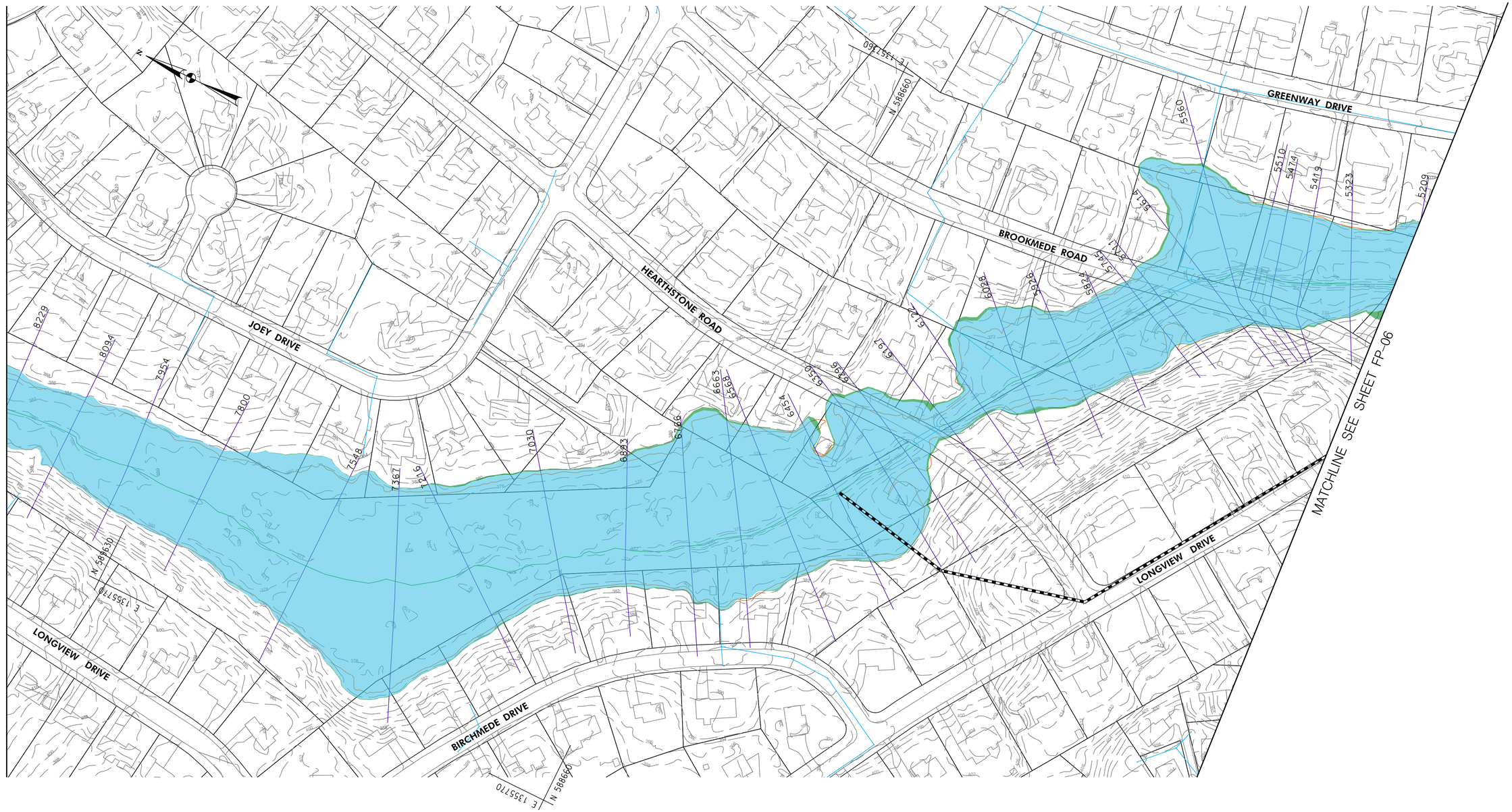
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–06

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option C



LEGEND

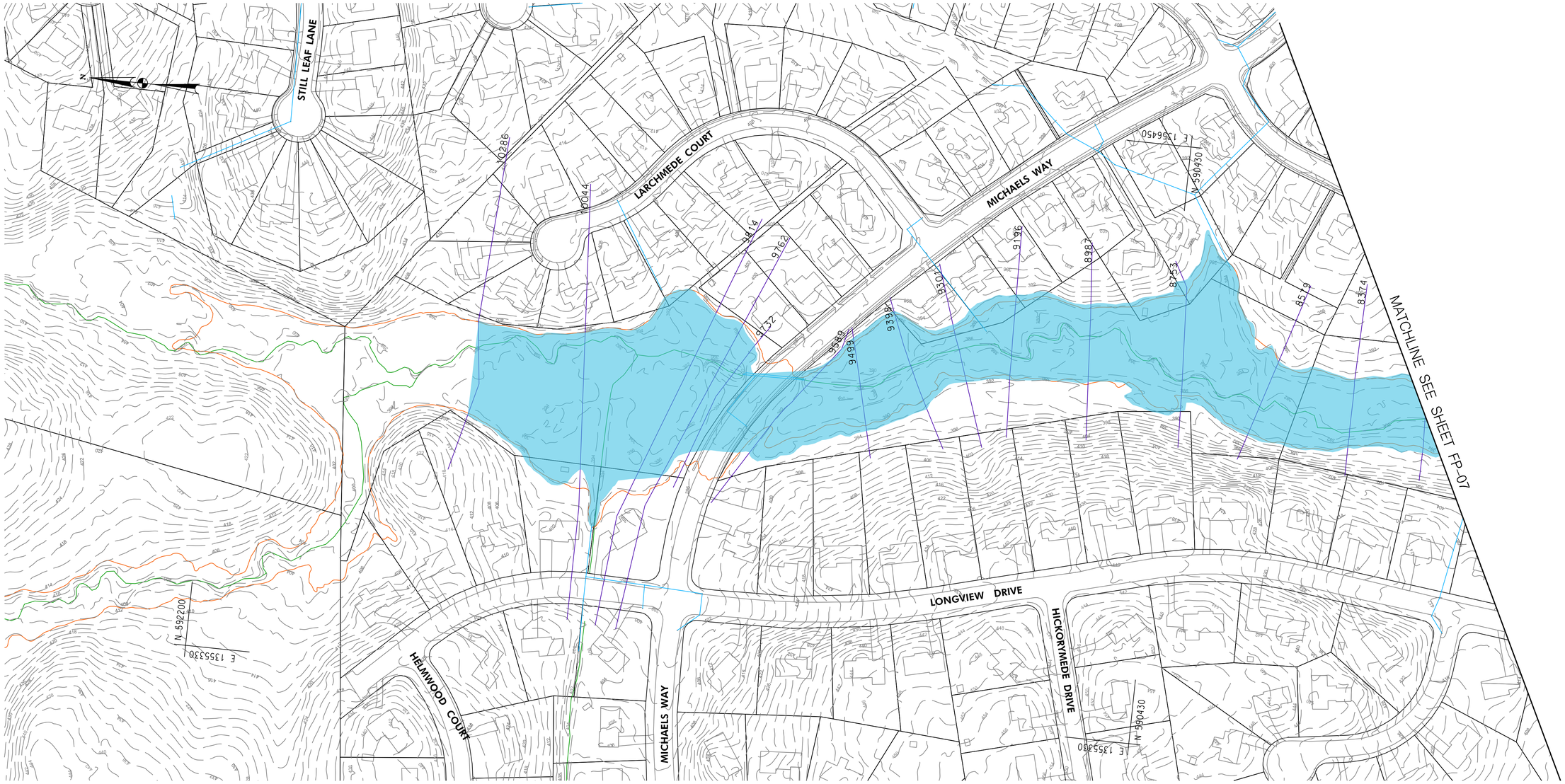
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–07

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option C



LEGEND

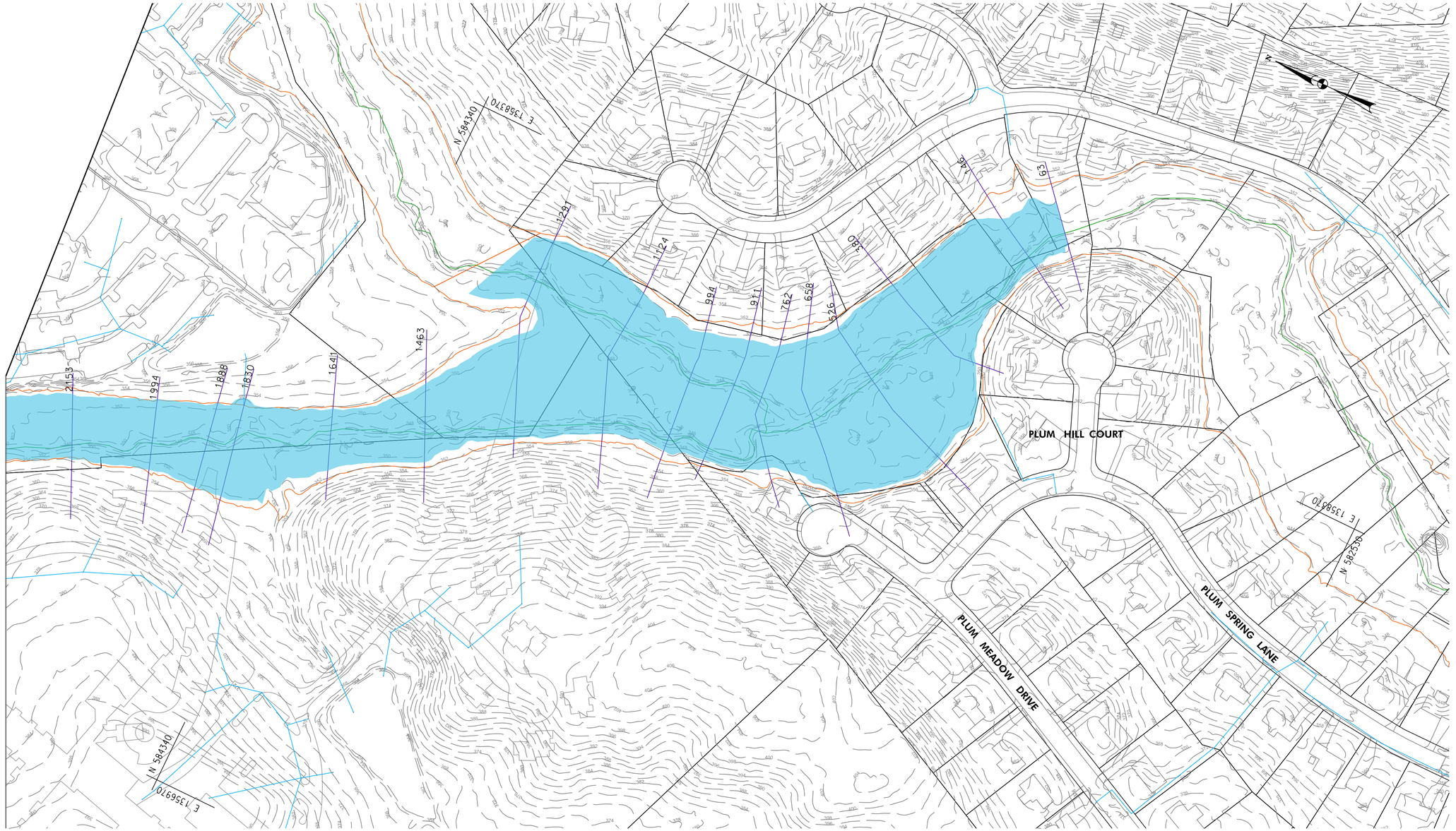
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-08

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option C



LEGEND

- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
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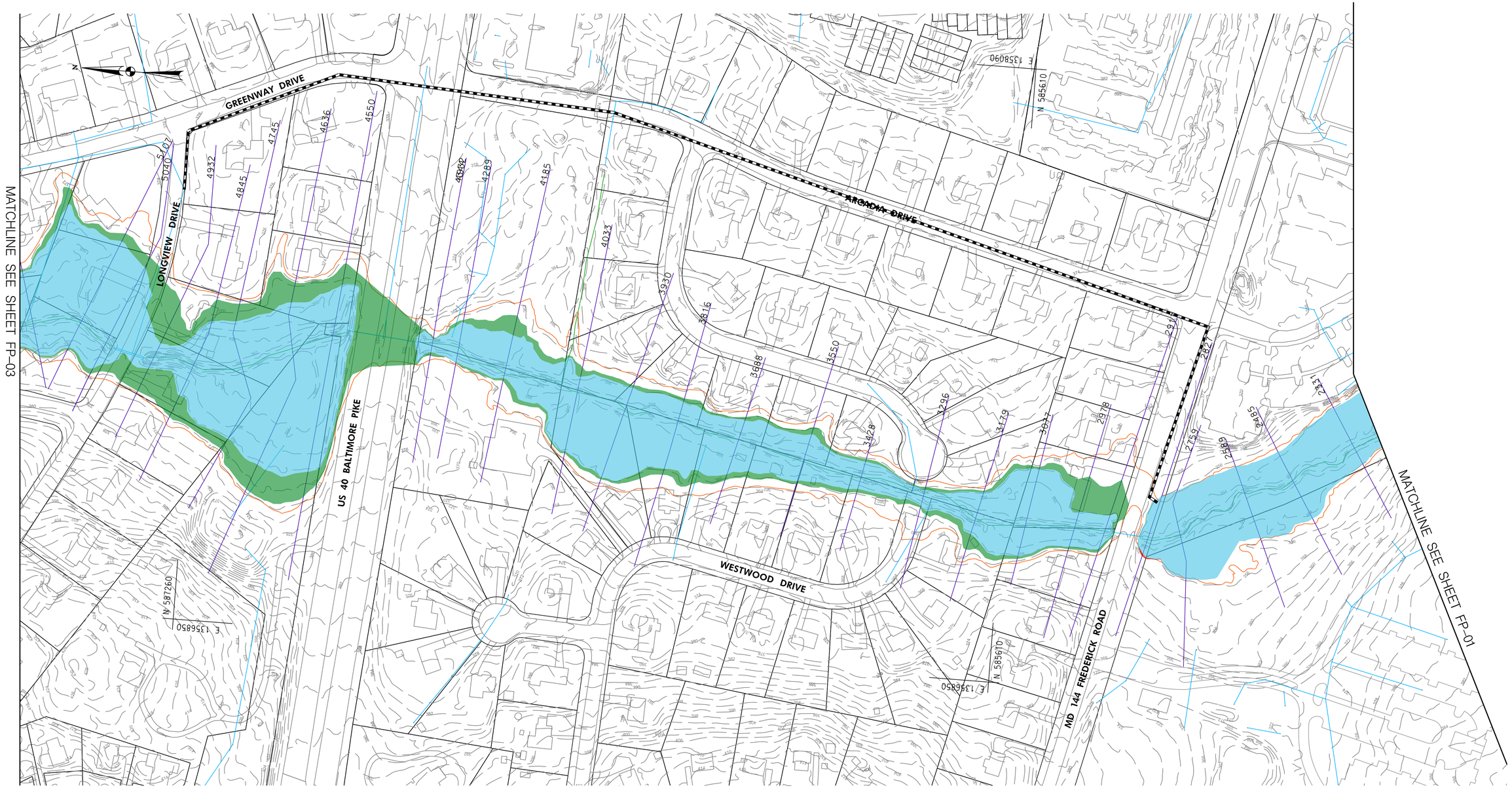
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-01

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option D



LEGEND

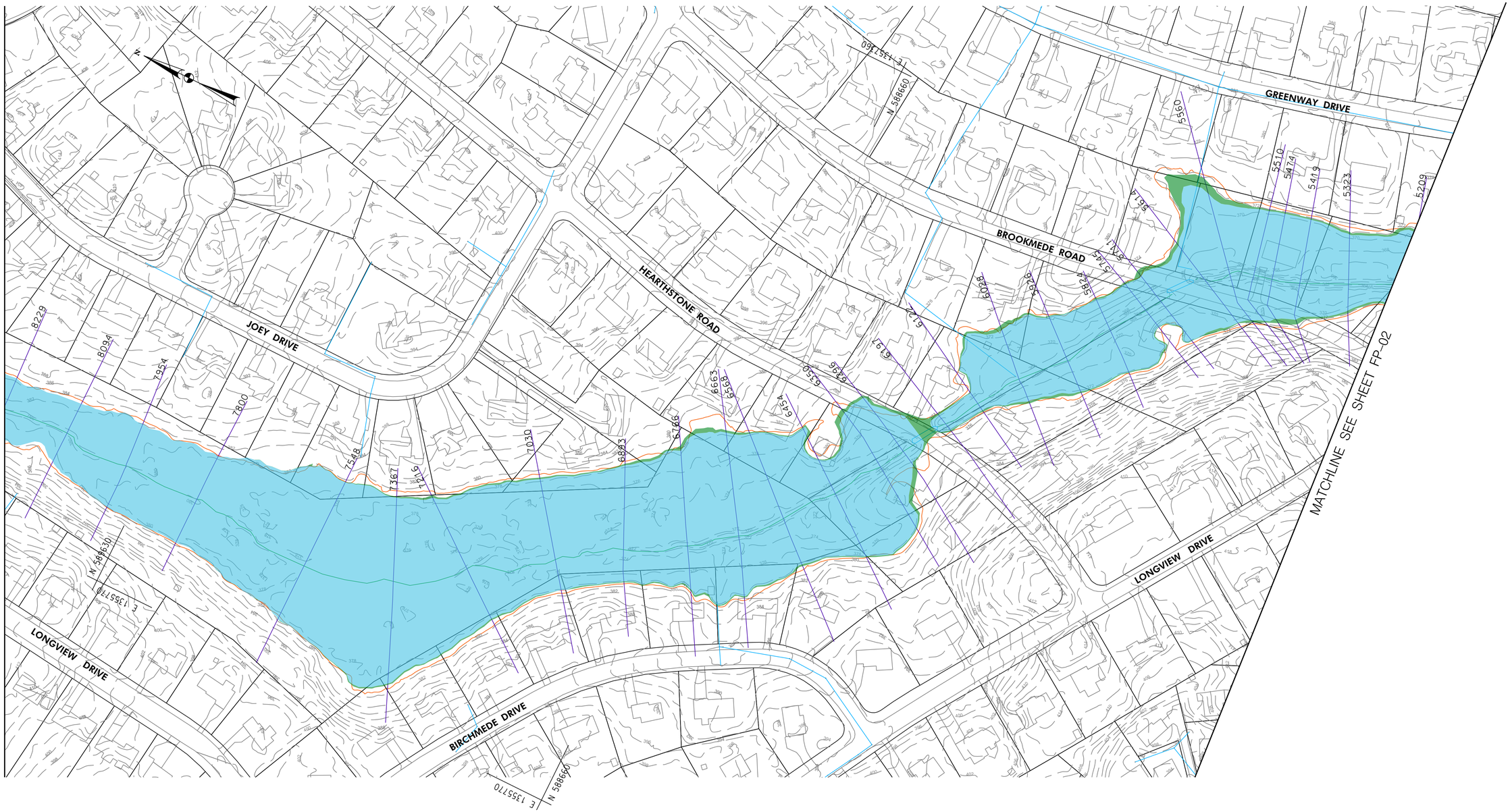
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-02

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option D



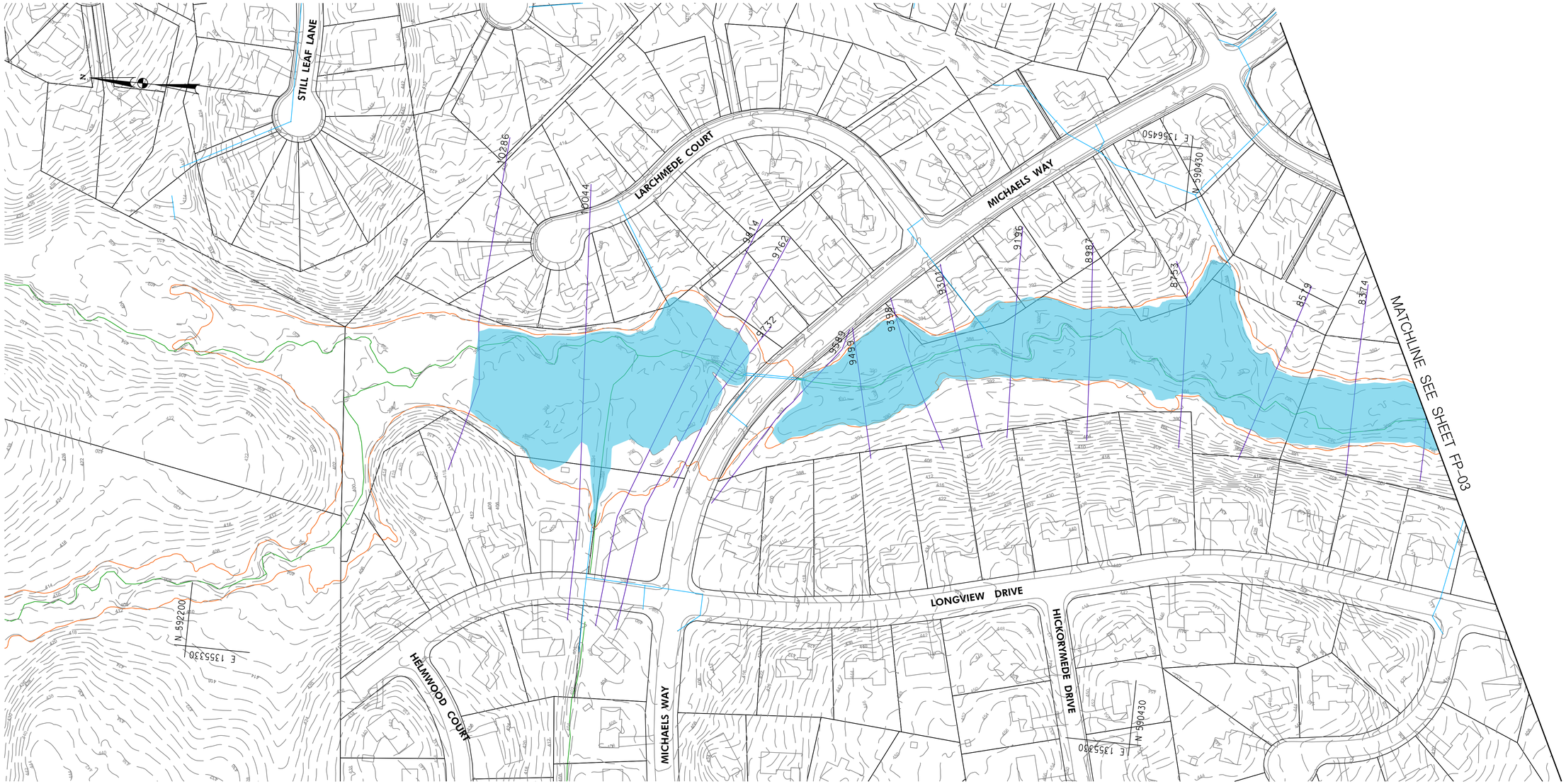
LEGEND

- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option D



LEGEND

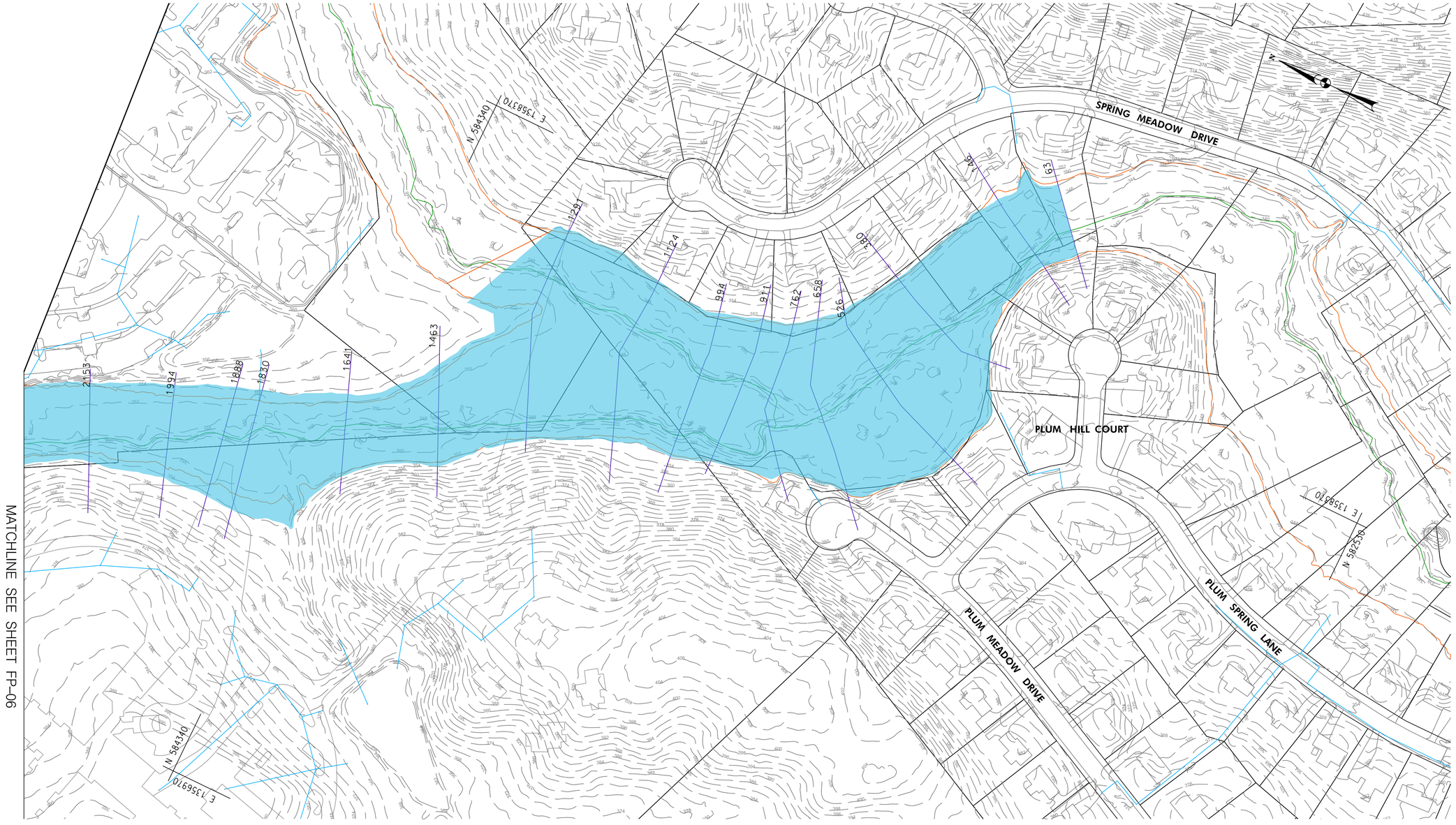
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–04

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option D



LEGEND

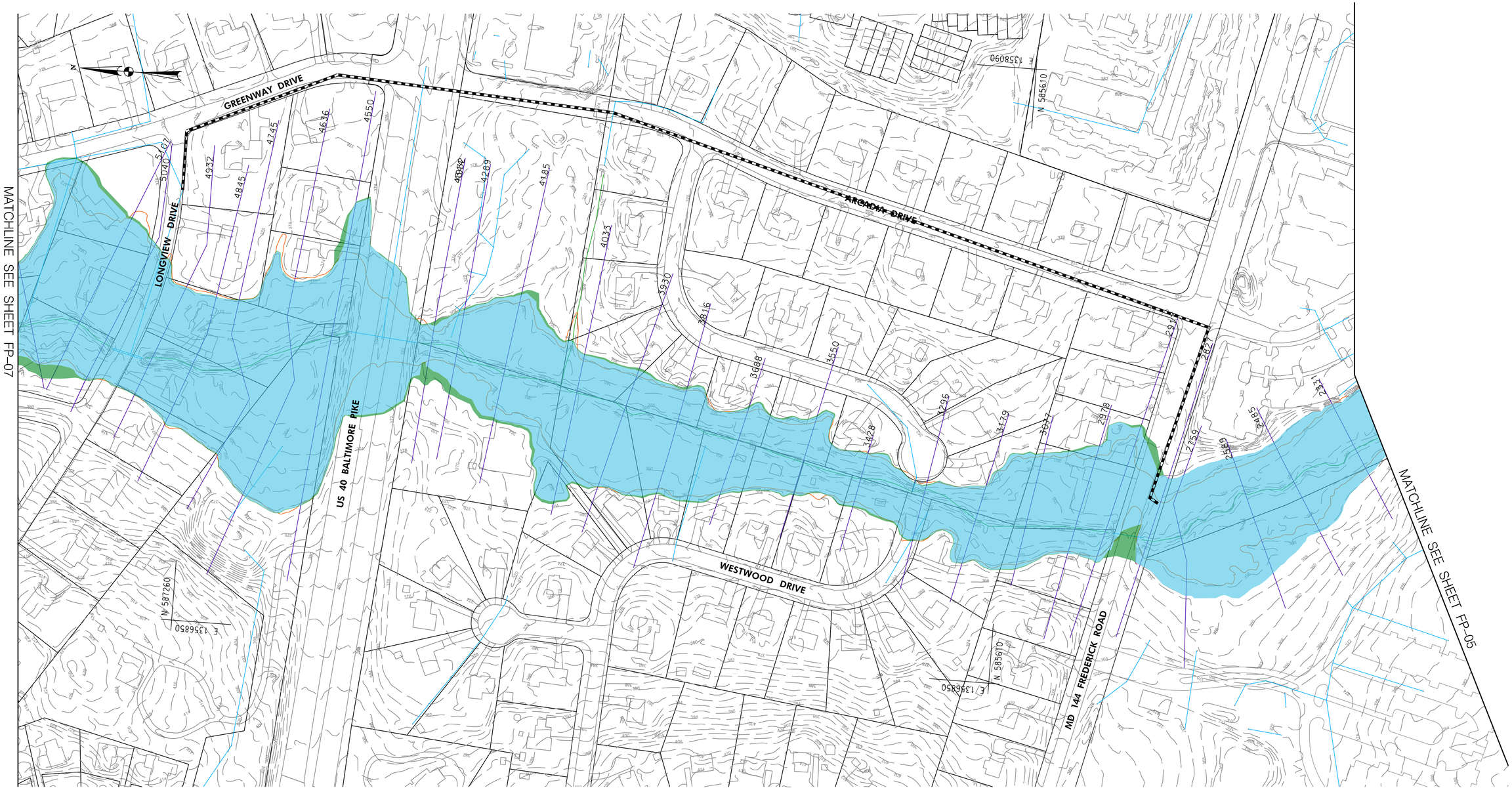
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-05

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option D



LEGEND

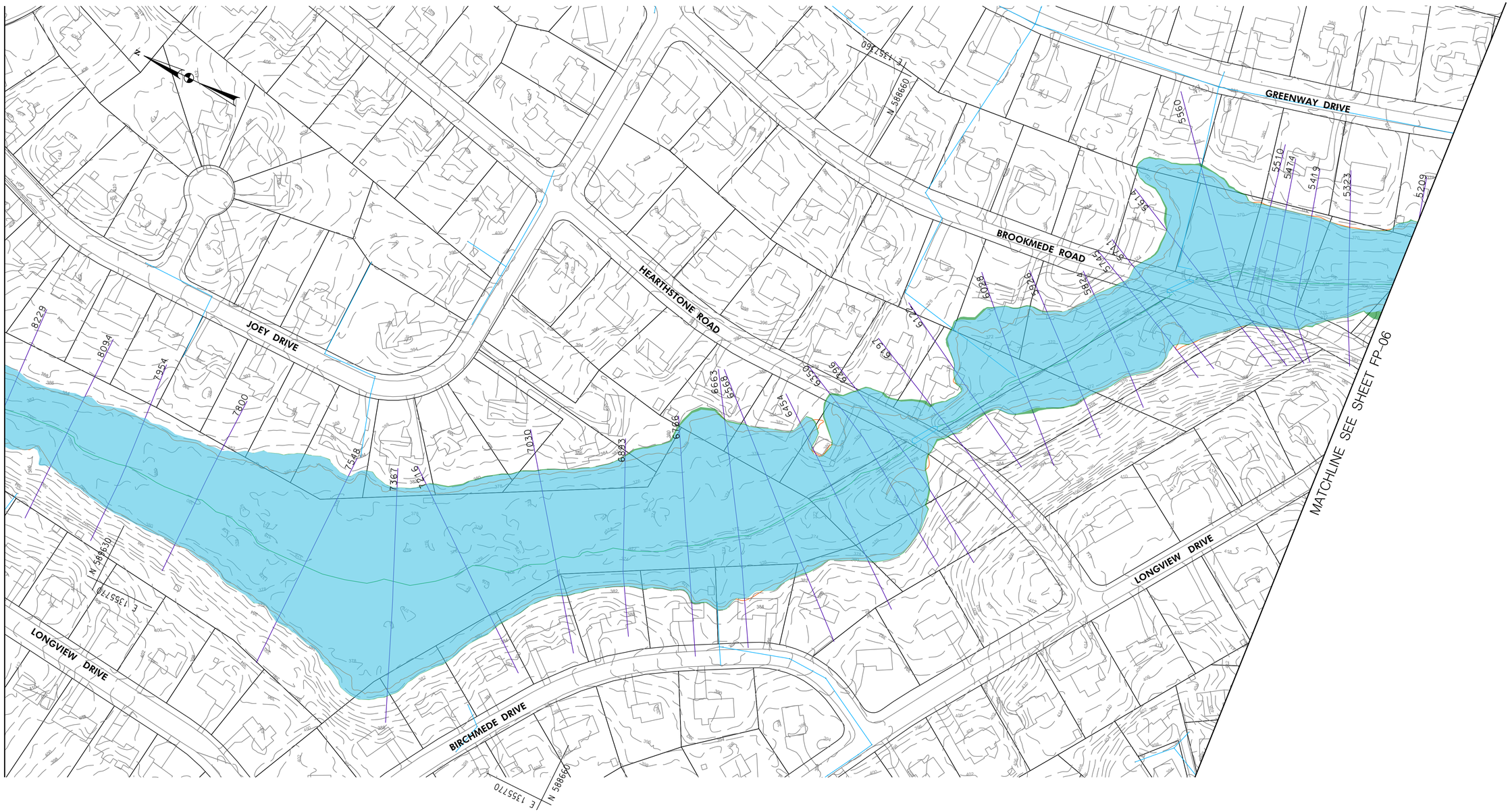
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-06

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option D



LEGEND

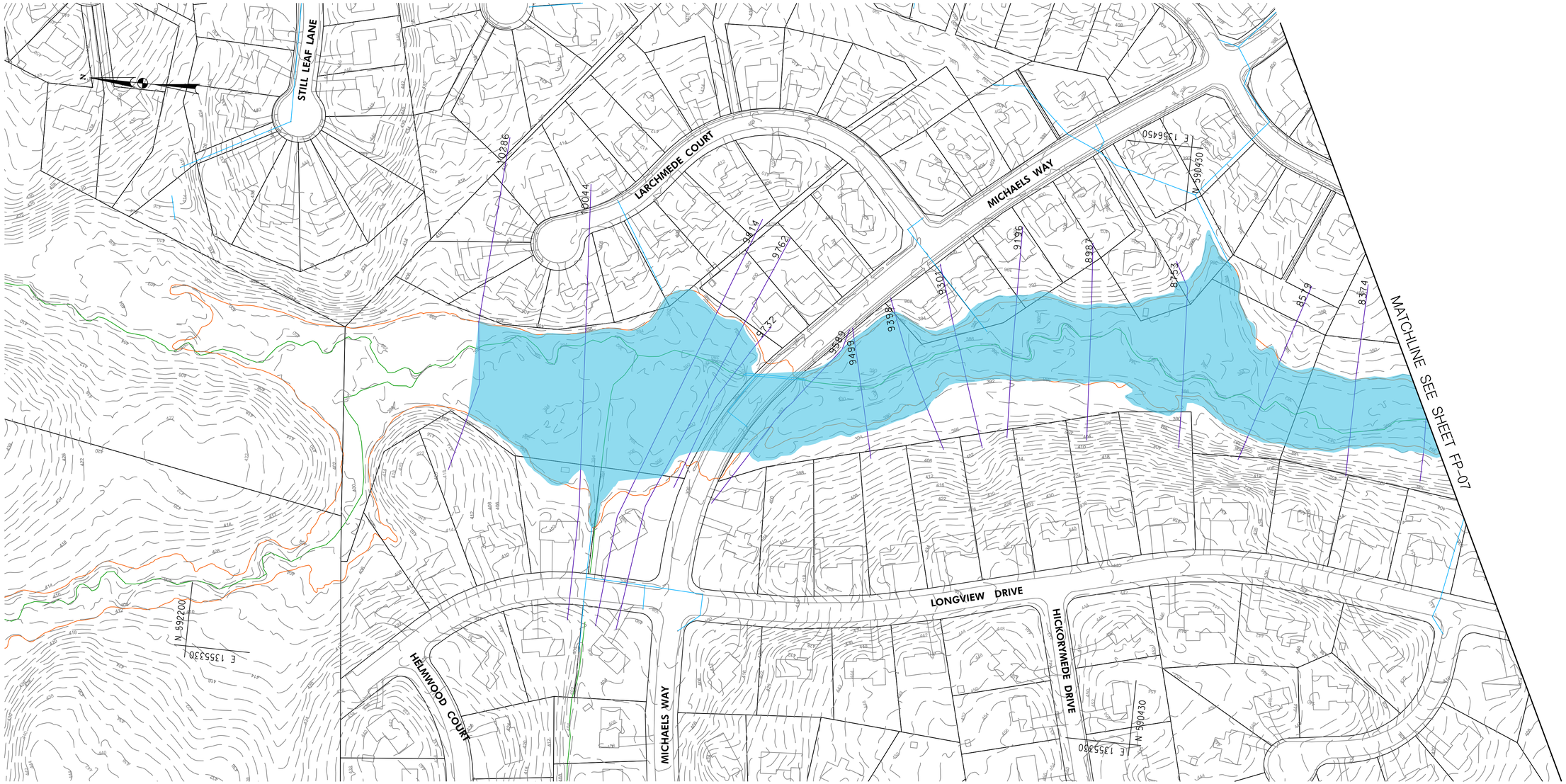
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–07

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option D



LEGEND

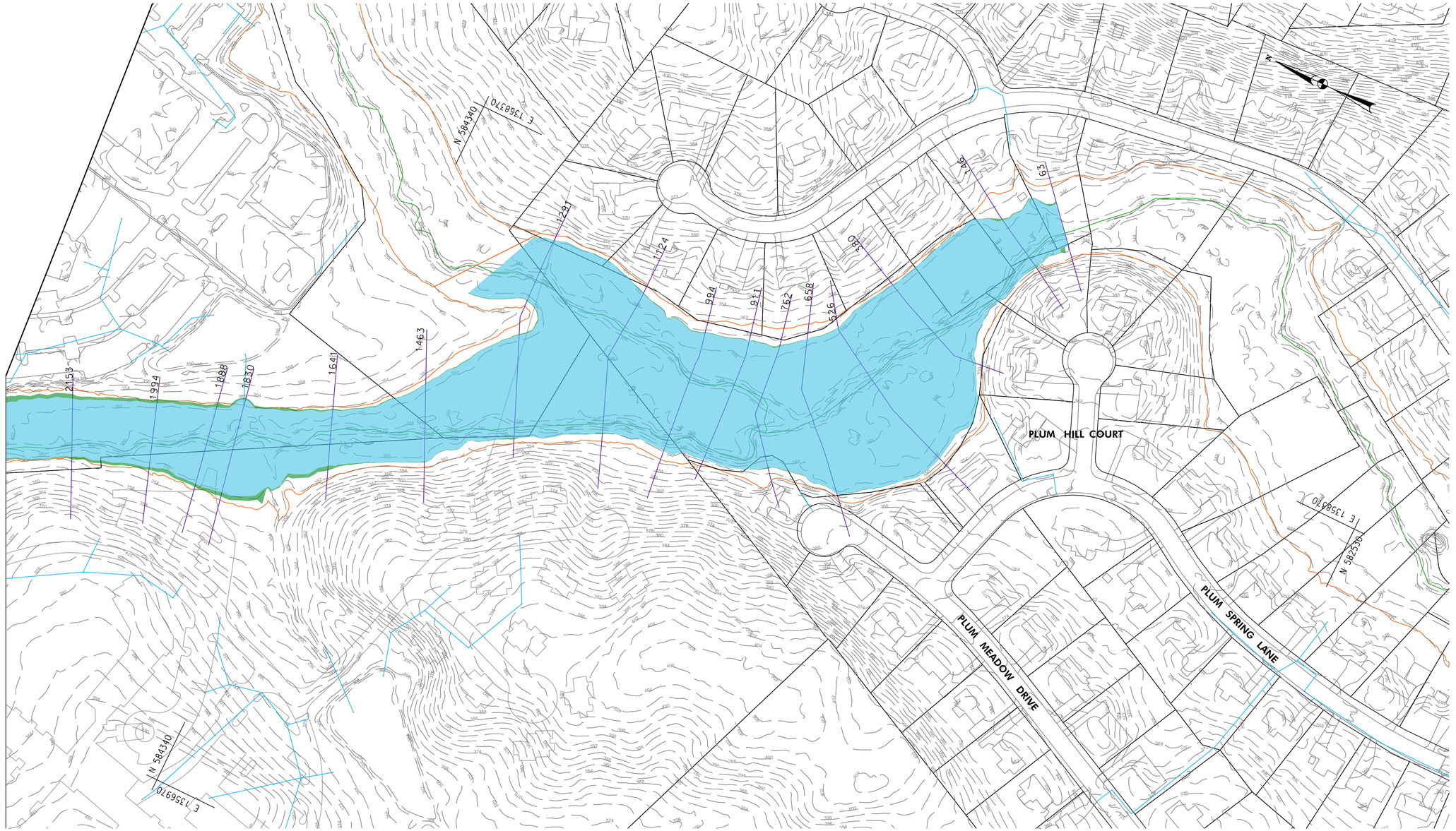
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-08

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option D



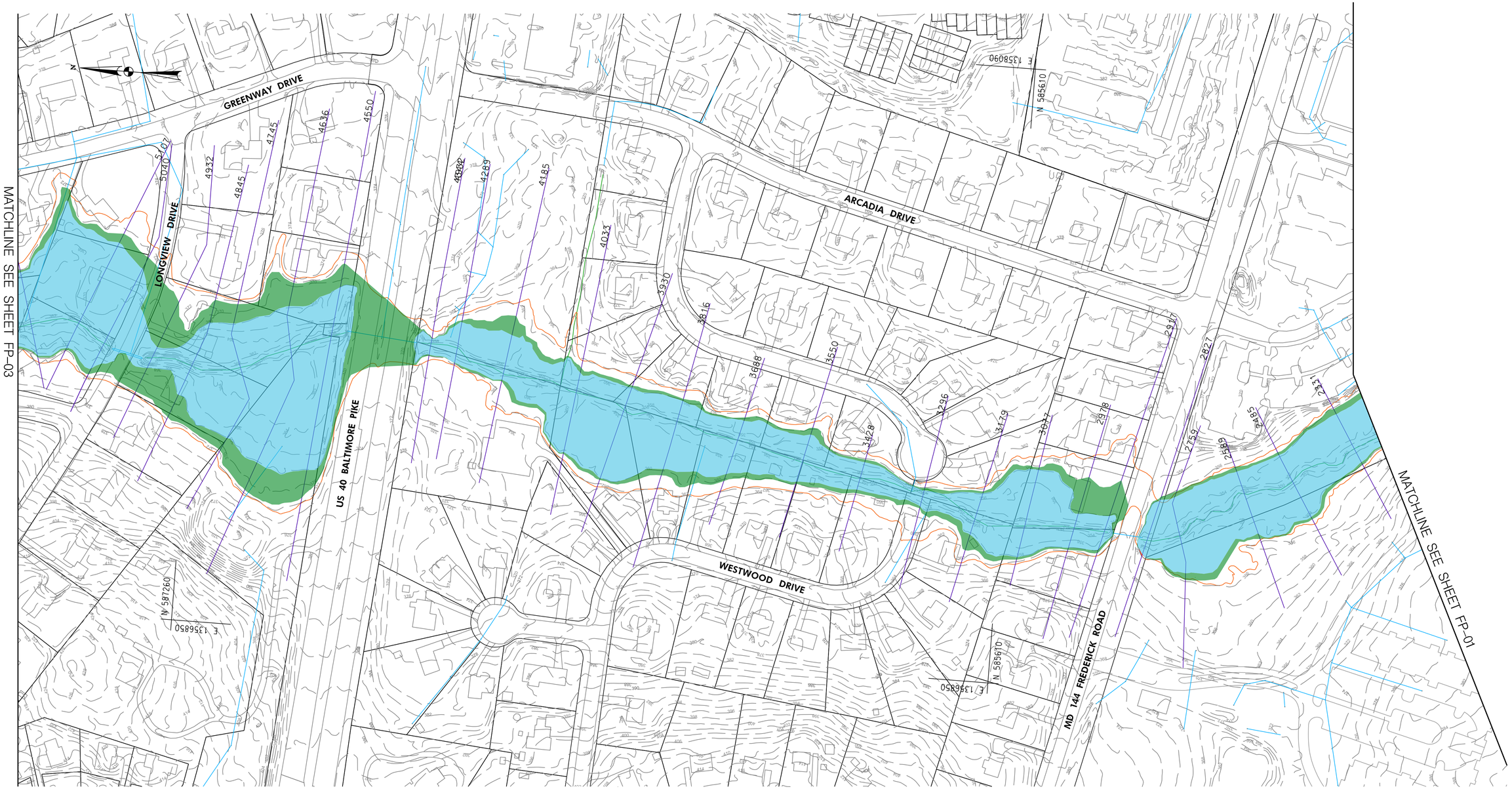
LEGEND

- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option E



MATCHLINE SEE SHEET FP-03

MATCHLINE SEE SHEET FP-01

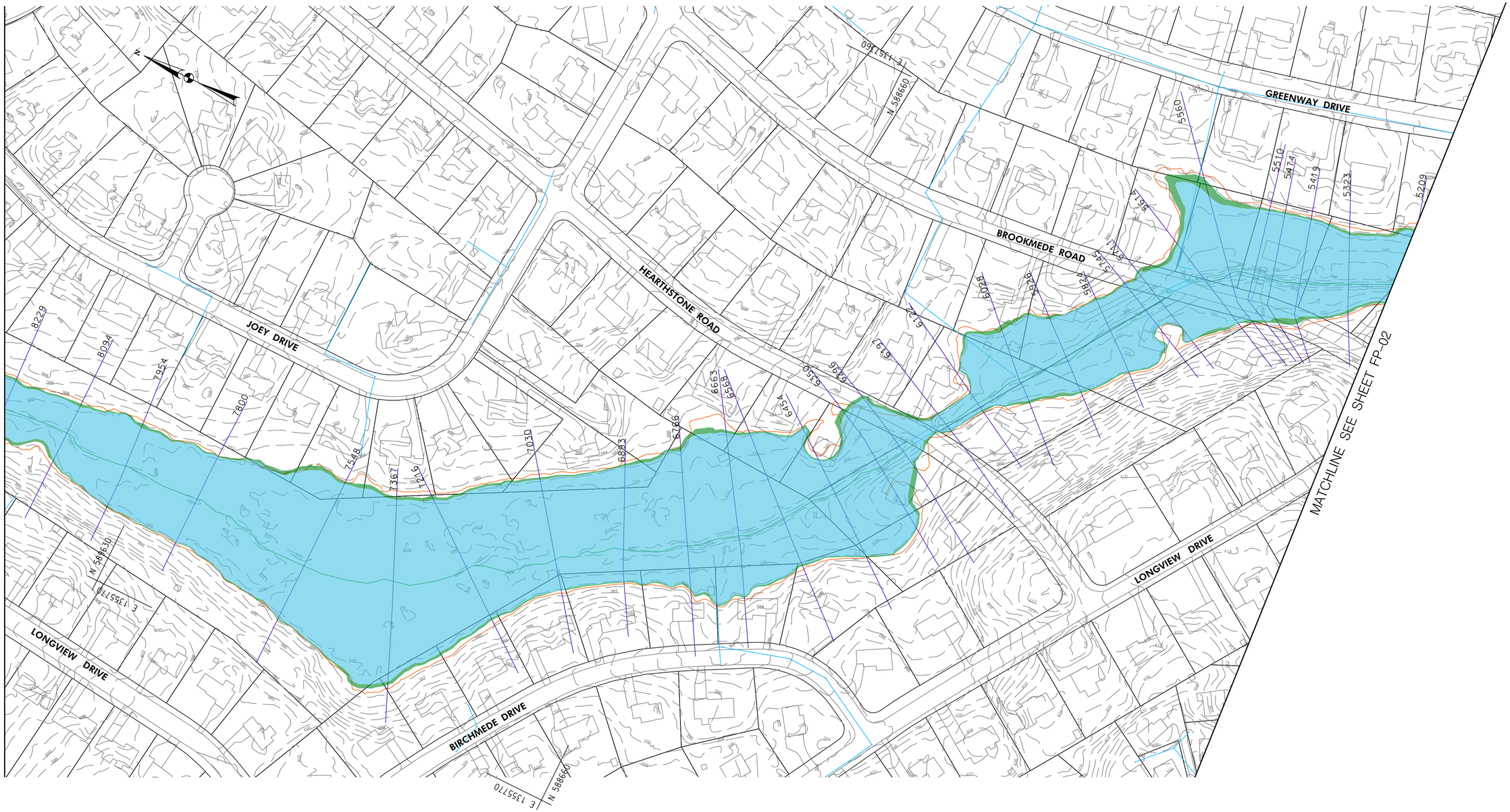
LEGEND	
EXISTING AND PROPOSED FLOODPLAIN OVERLAP	CHANNEL CENTERLINE (GIS)
PROPOSED FLOODPLAIN DECREASE	EXISTING FEMA FLOODPLAIN
PROPOSED FLOODPLAIN INCREASE	STORM DRAIN
	HEC-RAS CROSS SECTION

FP-02

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option E



LEGEND

- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-03

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option E

STILL LEAF LANE

LARCHMEDE COURT

MICHAELS WAY

MATCHLINE SEE SHEET FP–03

LONGVIEW DRIVE

HELMWOOD COURT

MICHAELS WAY

HICKORYMEDE DRIVE

POND 1

N 592200
E 1355330

N 590430
E 1355450

N 590430
E 1355350

10286
10044
9814
9762
9732
9589
9498
9388
9302
9196
8987
8753
8519
8374

LEGEND

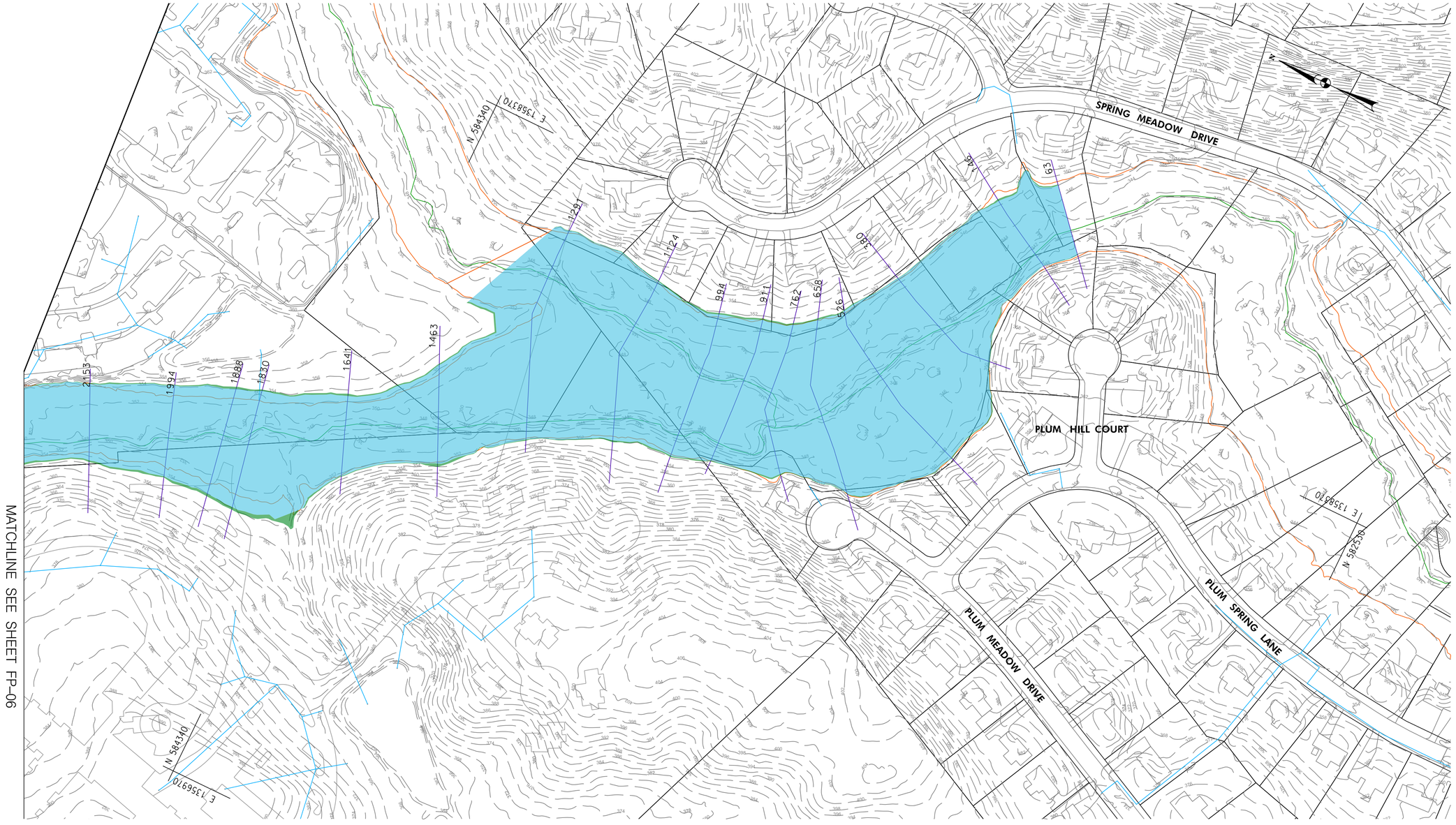
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–04

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option E



LEGEND

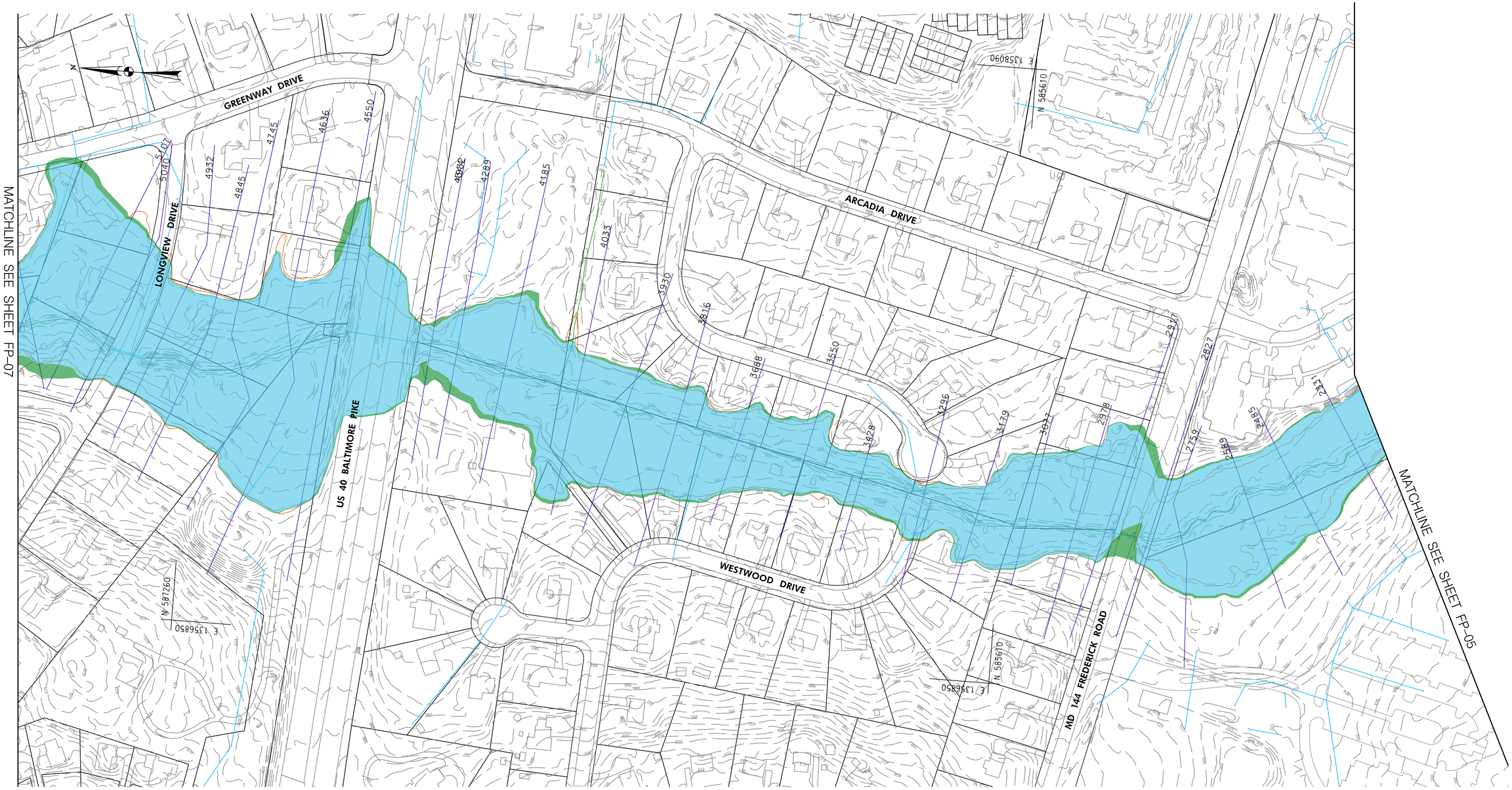
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-05

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option E



LEGEND

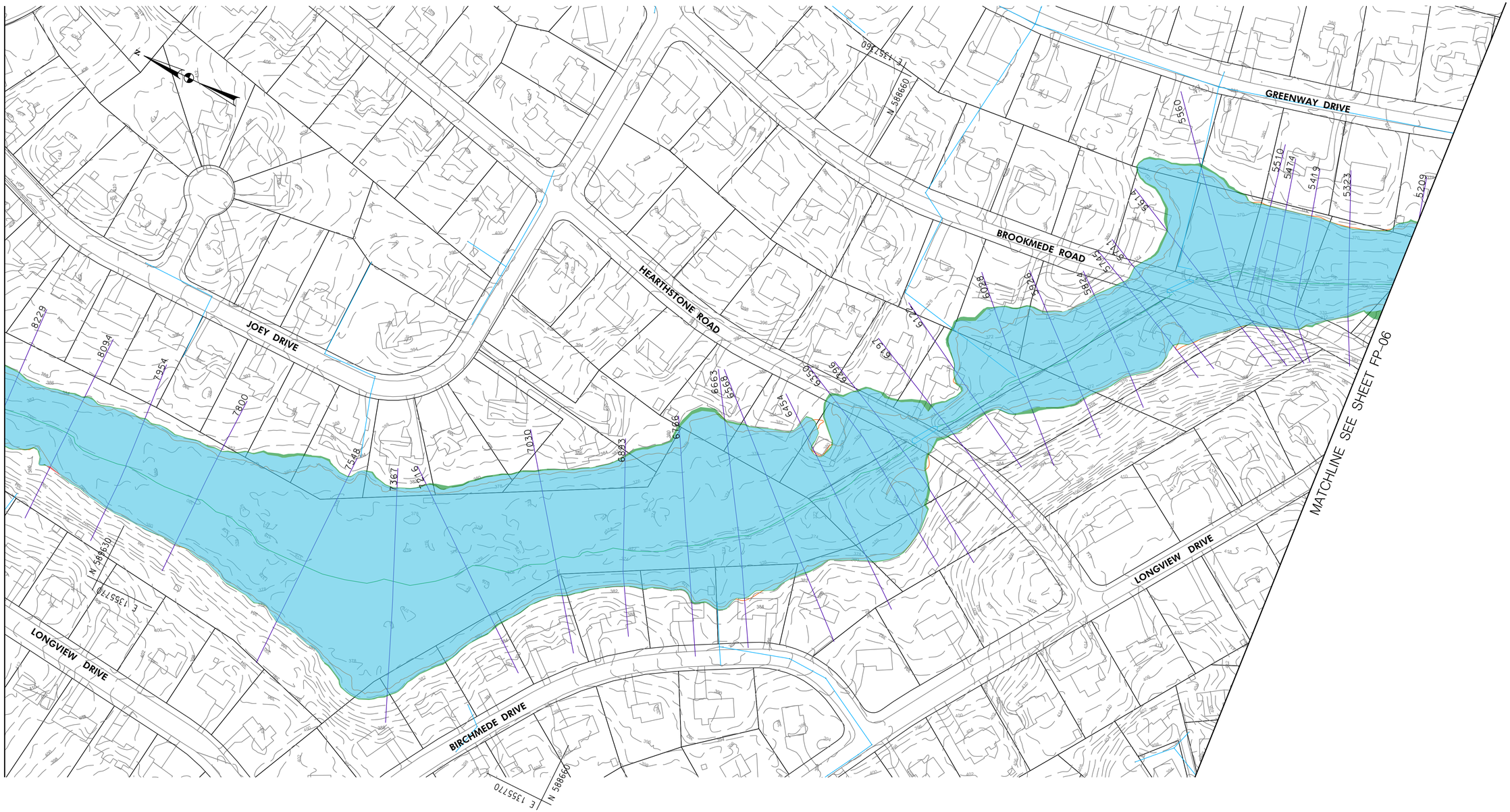
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-06

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option E



LEGEND

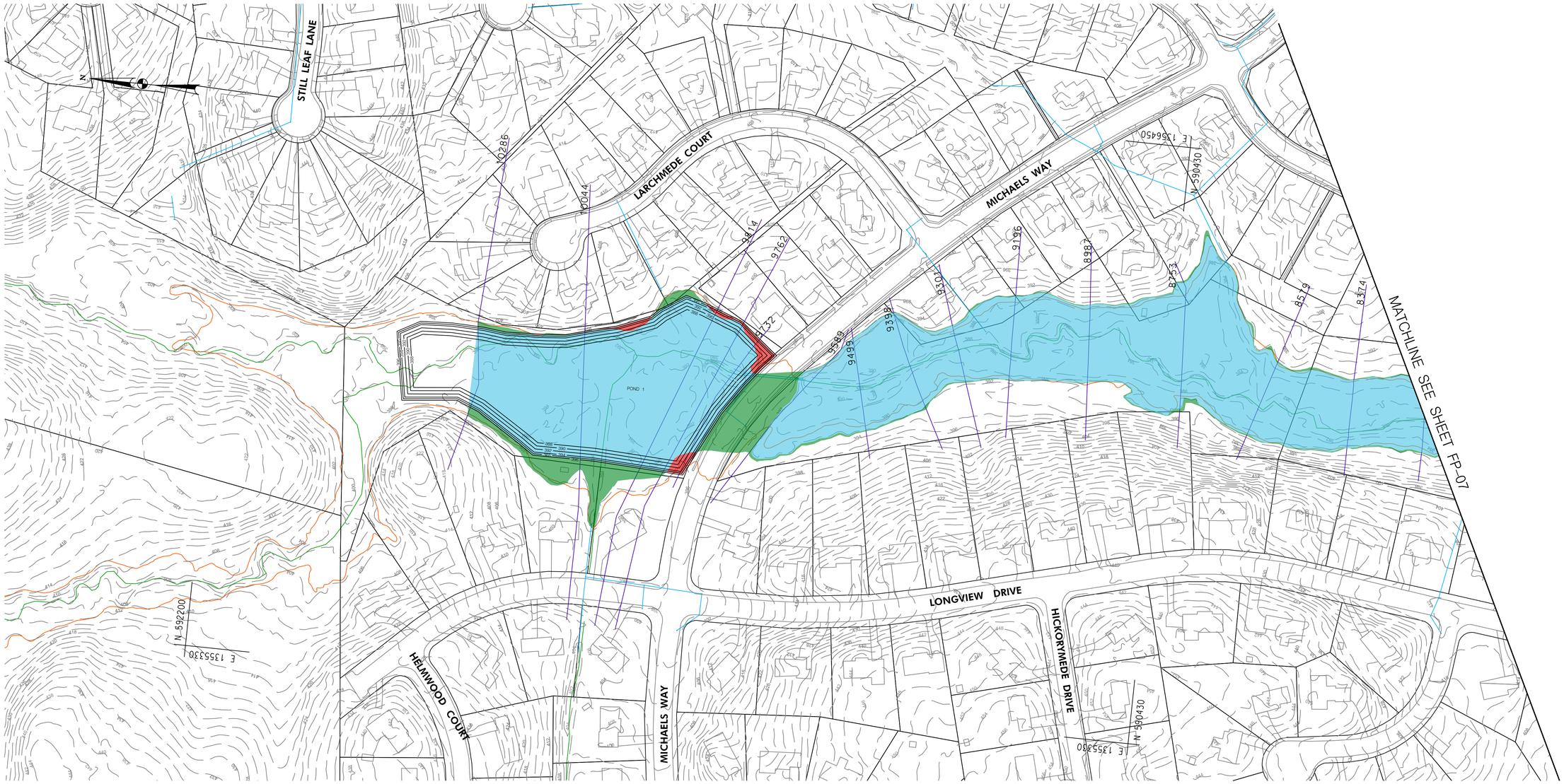
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–07

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option E



LEGEND

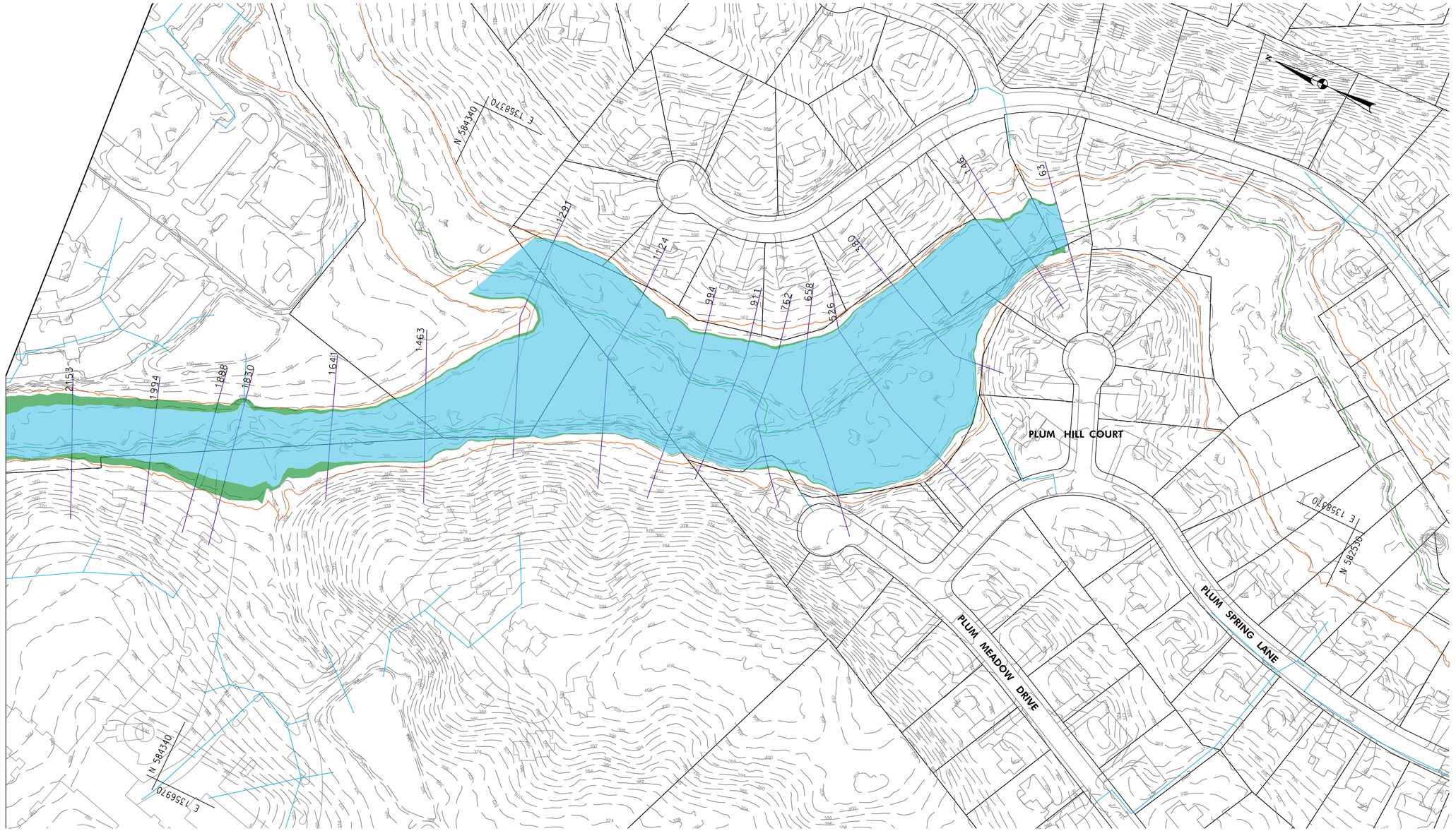
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-08

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option E



LEGEND

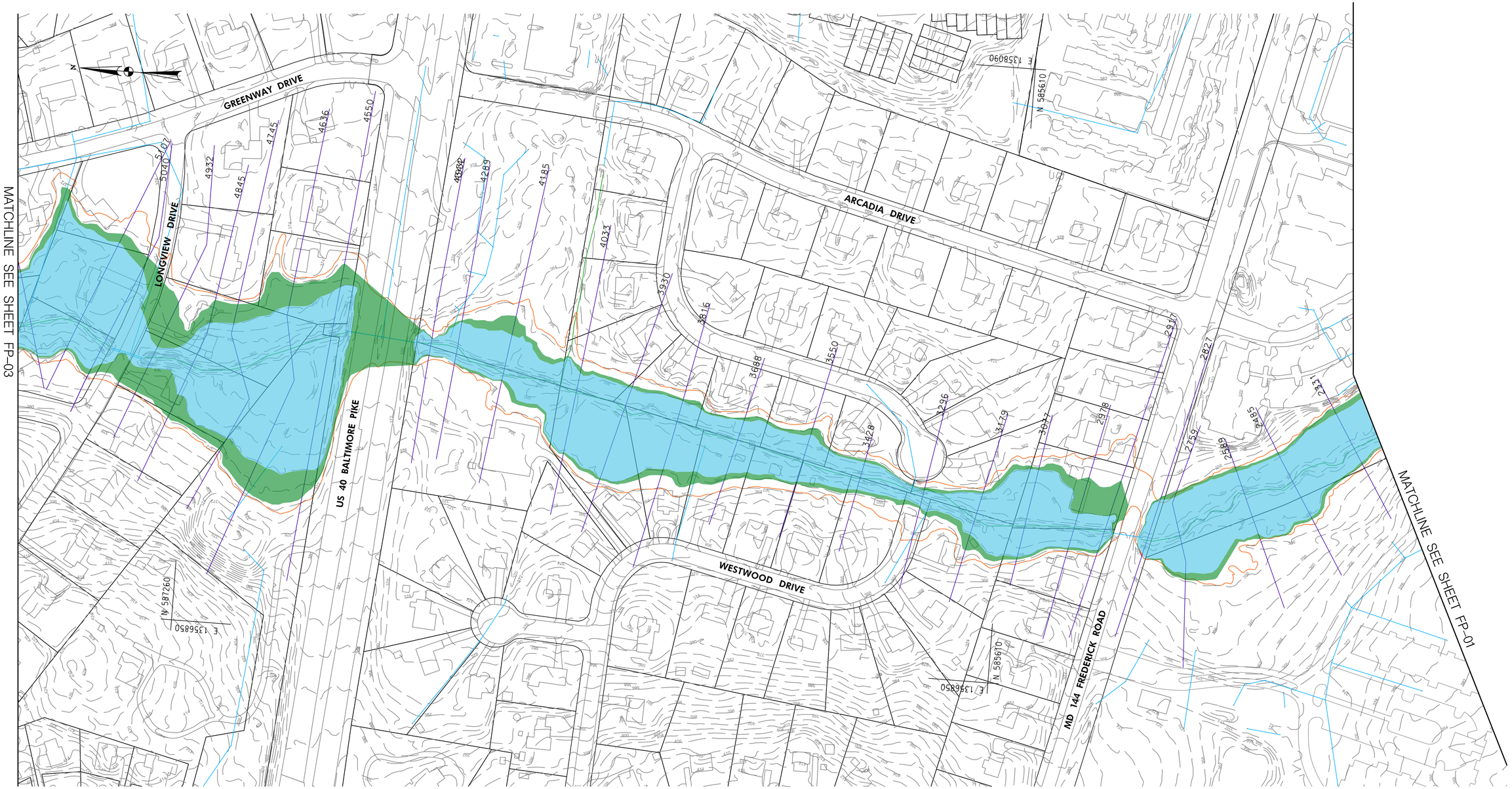
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-01

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option F



MATCHLINE SEE SHEET FP-03

MATCHLINE SEE SHEET FP-01

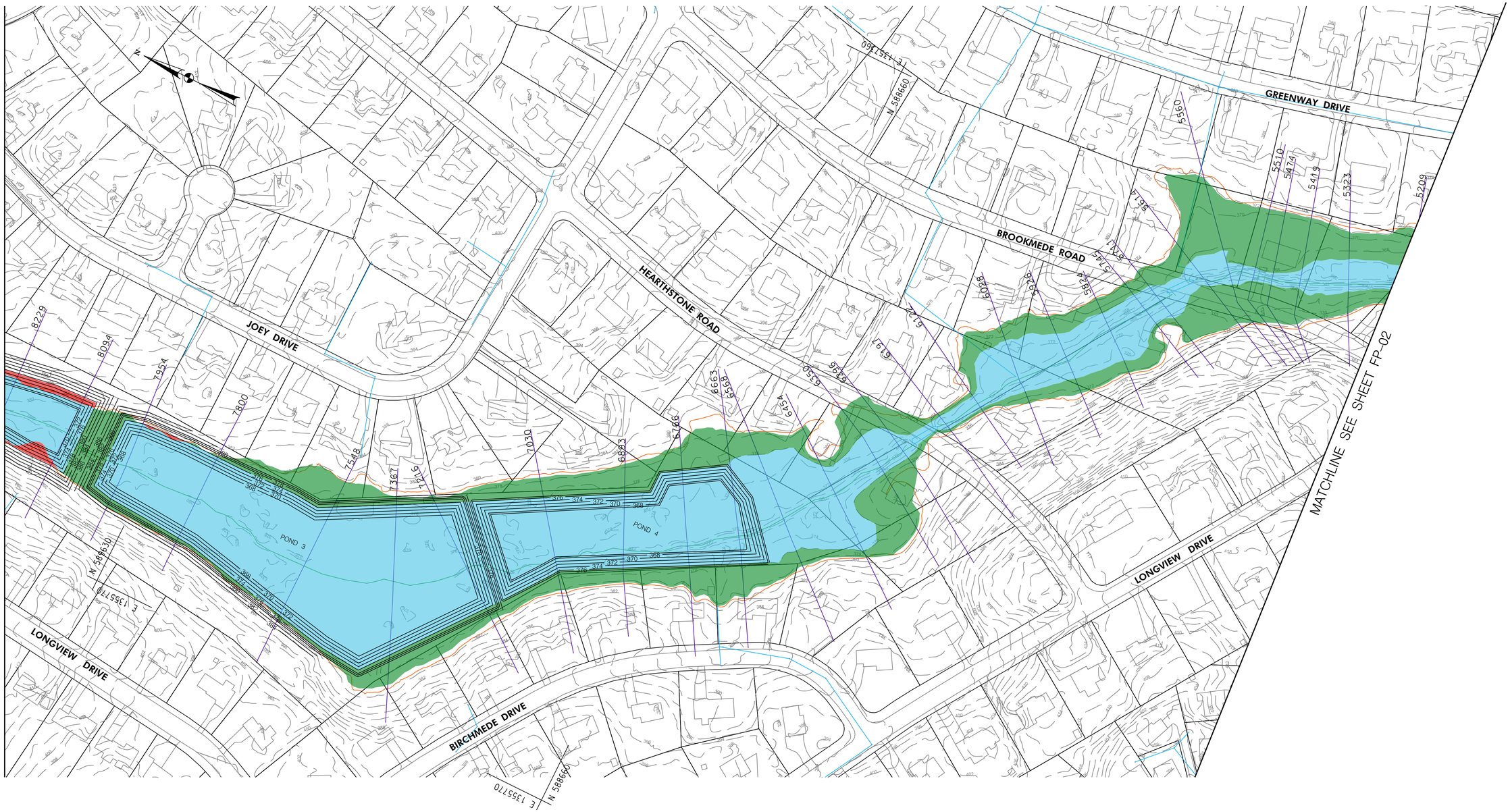
LEGEND	
EXISTING AND PROPOSED FLOODPLAIN OVERLAP	CHANNEL CENTERLINE (GIS)
PROPOSED FLOODPLAIN DECREASE	EXISTING FEMA FLOODPLAIN
PROPOSED FLOODPLAIN INCREASE	STORM DRAIN
	HEC-RAS CROSS SECTION

FP-02

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option F



LEGEND

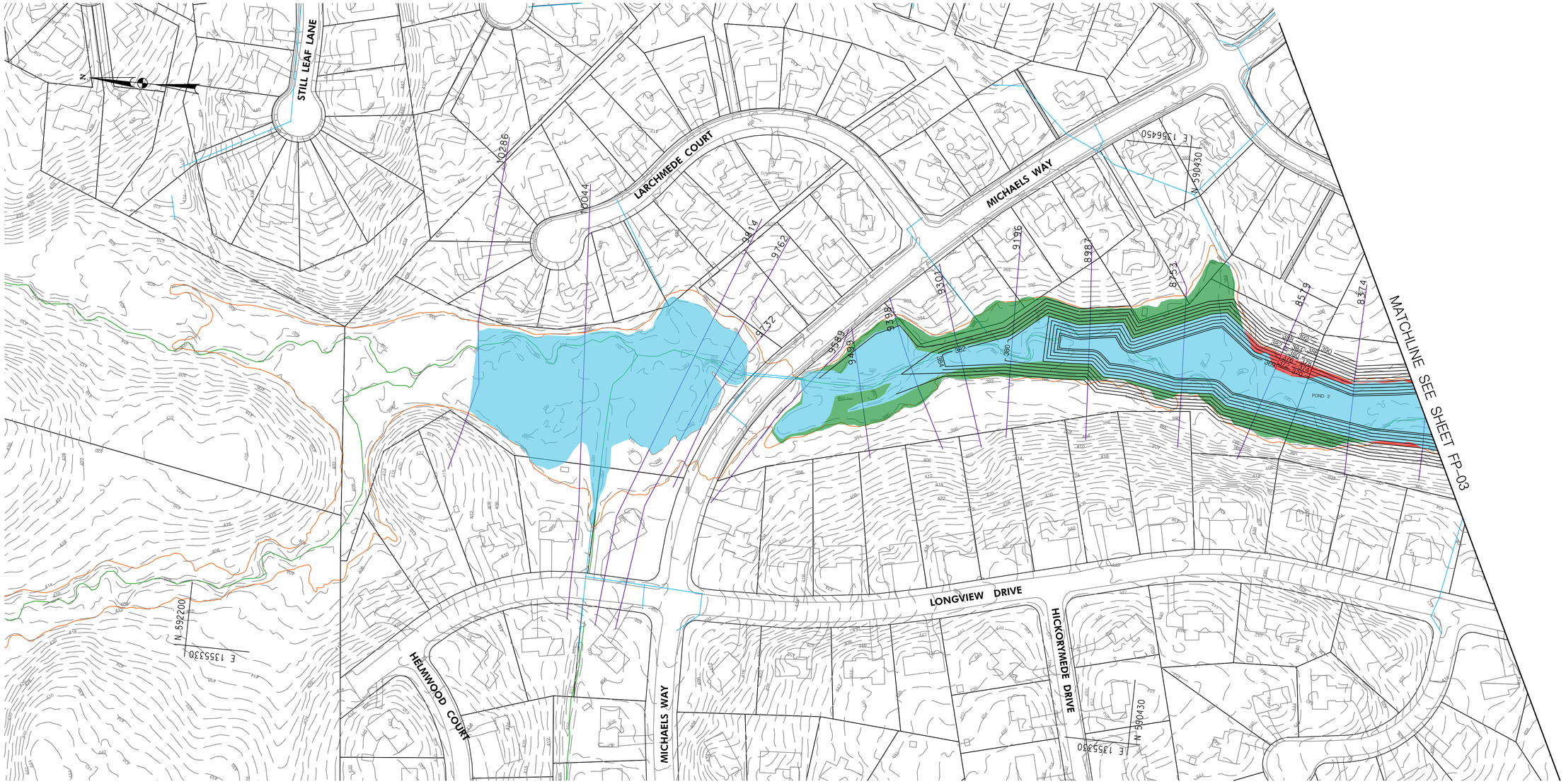
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-03

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option F



LEGEND

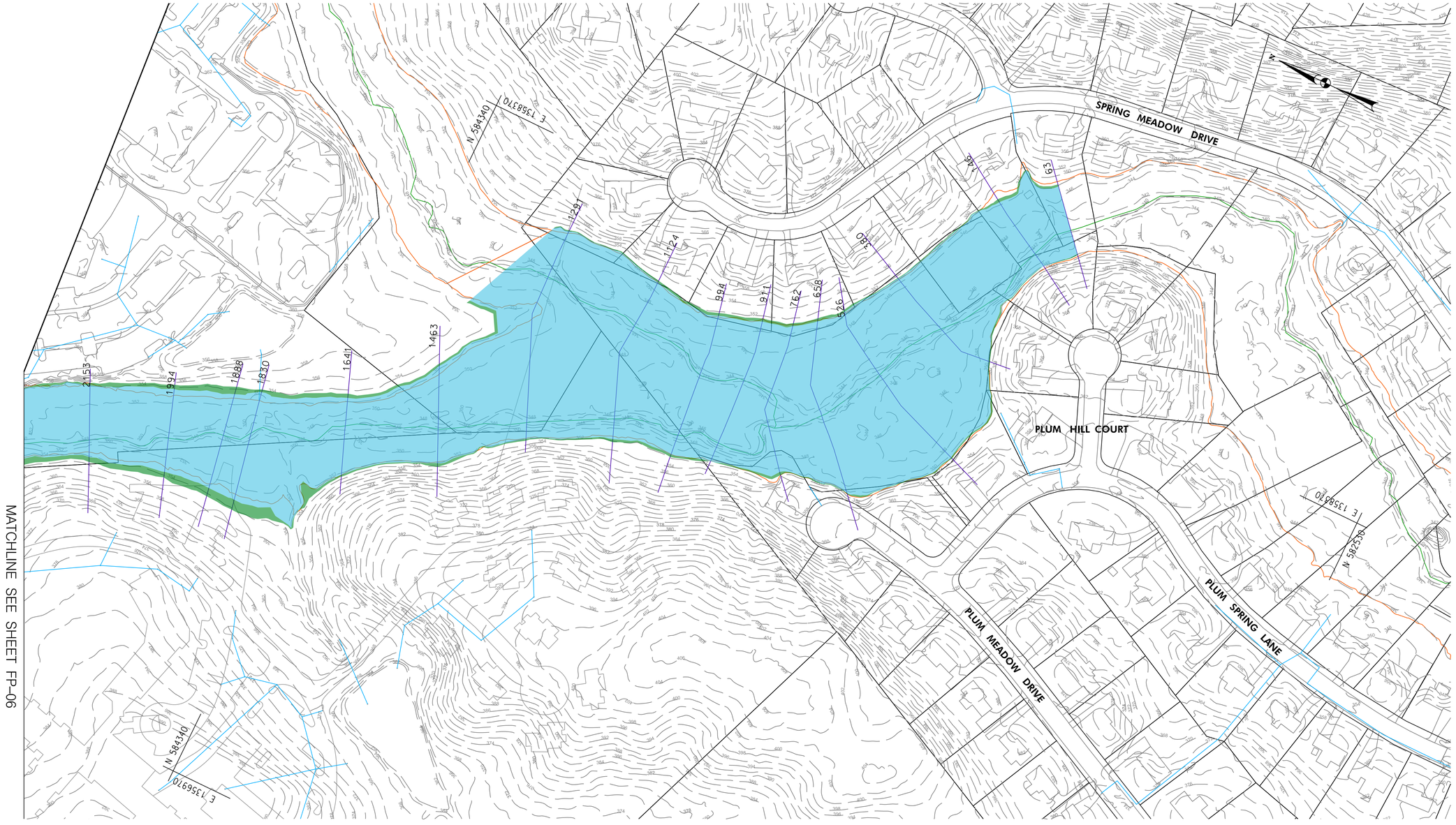
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-04

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option F



LEGEND

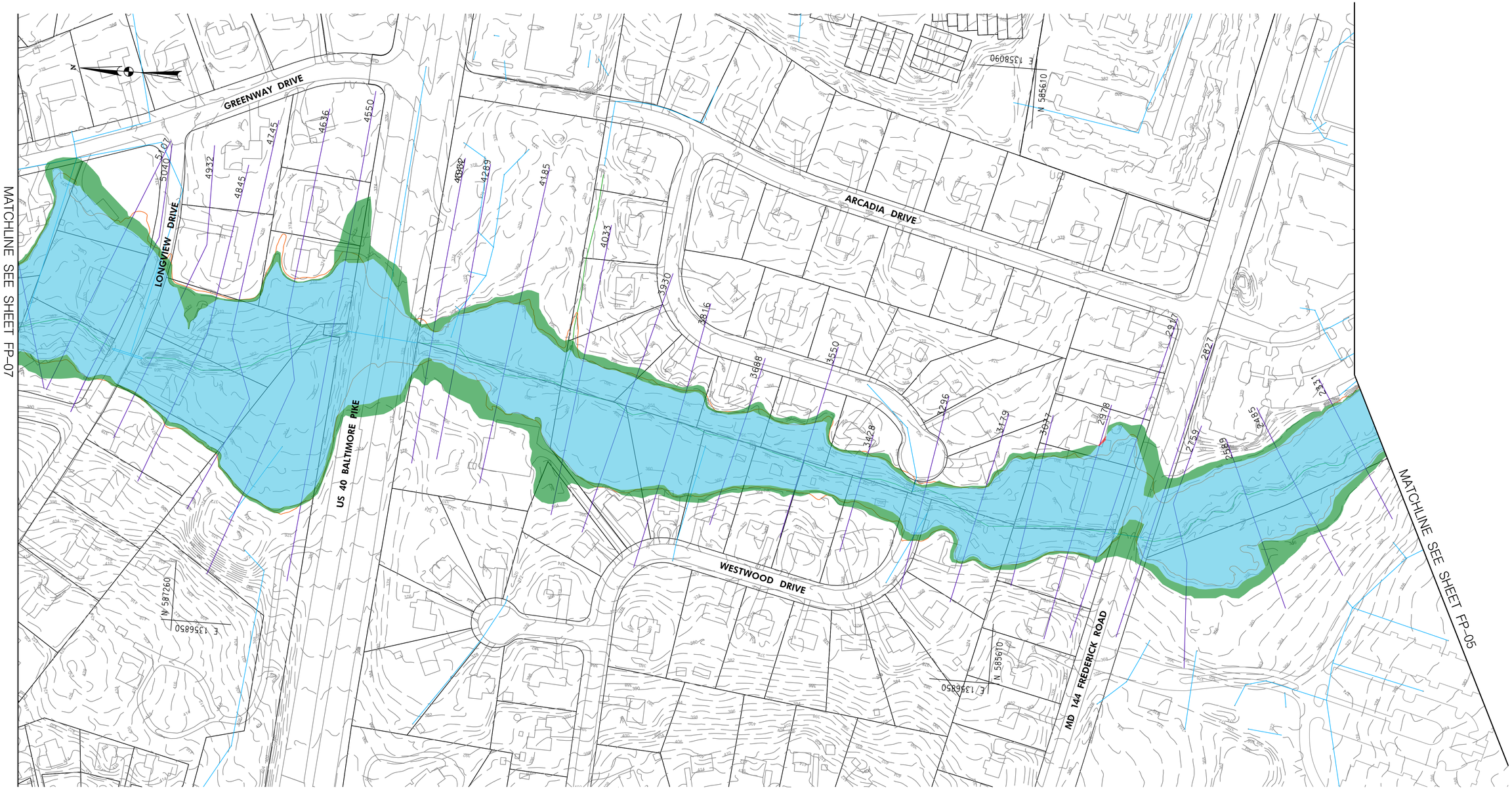
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-05

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option F



LEGEND

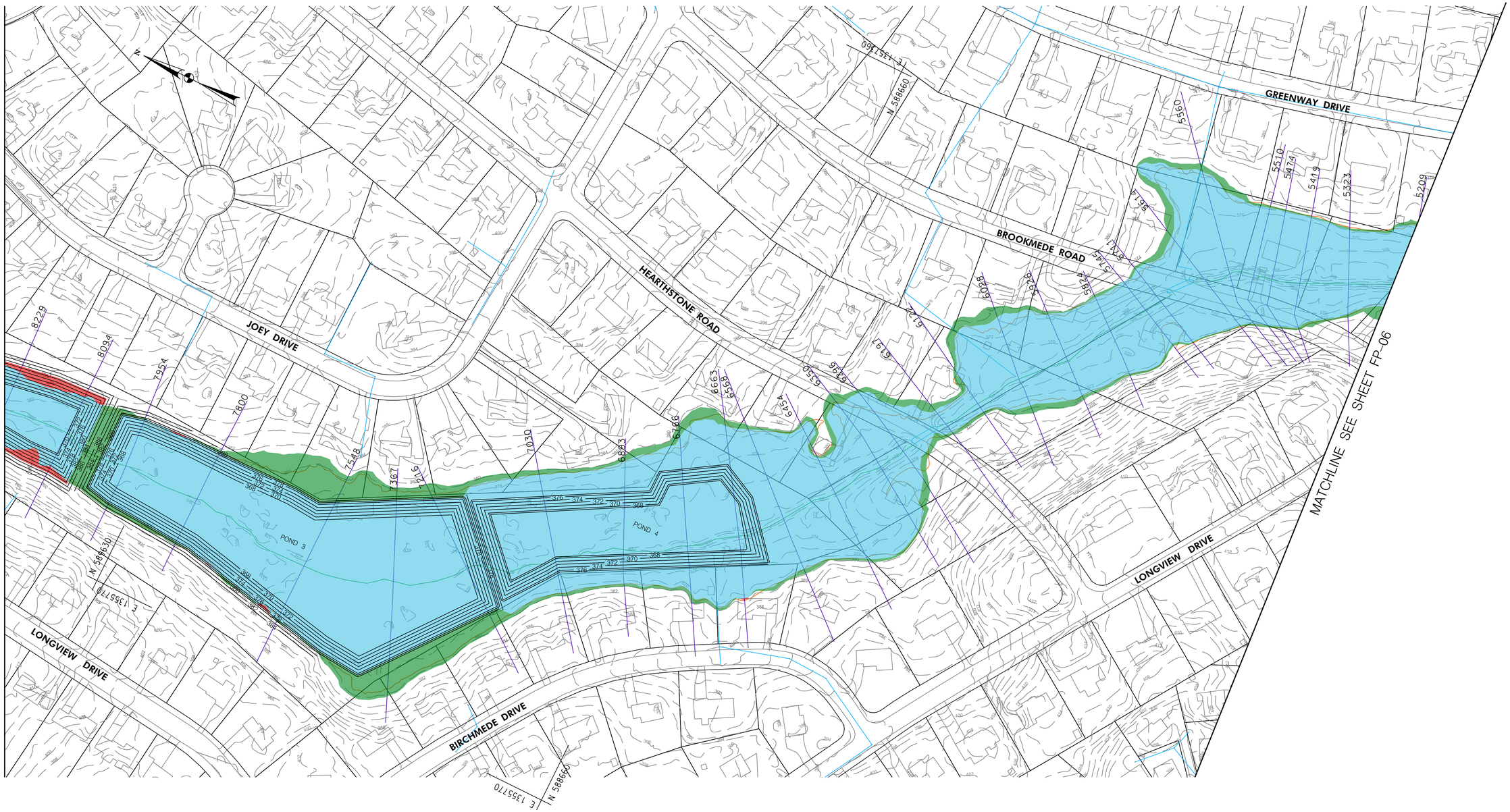
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-06

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option F



LEGEND

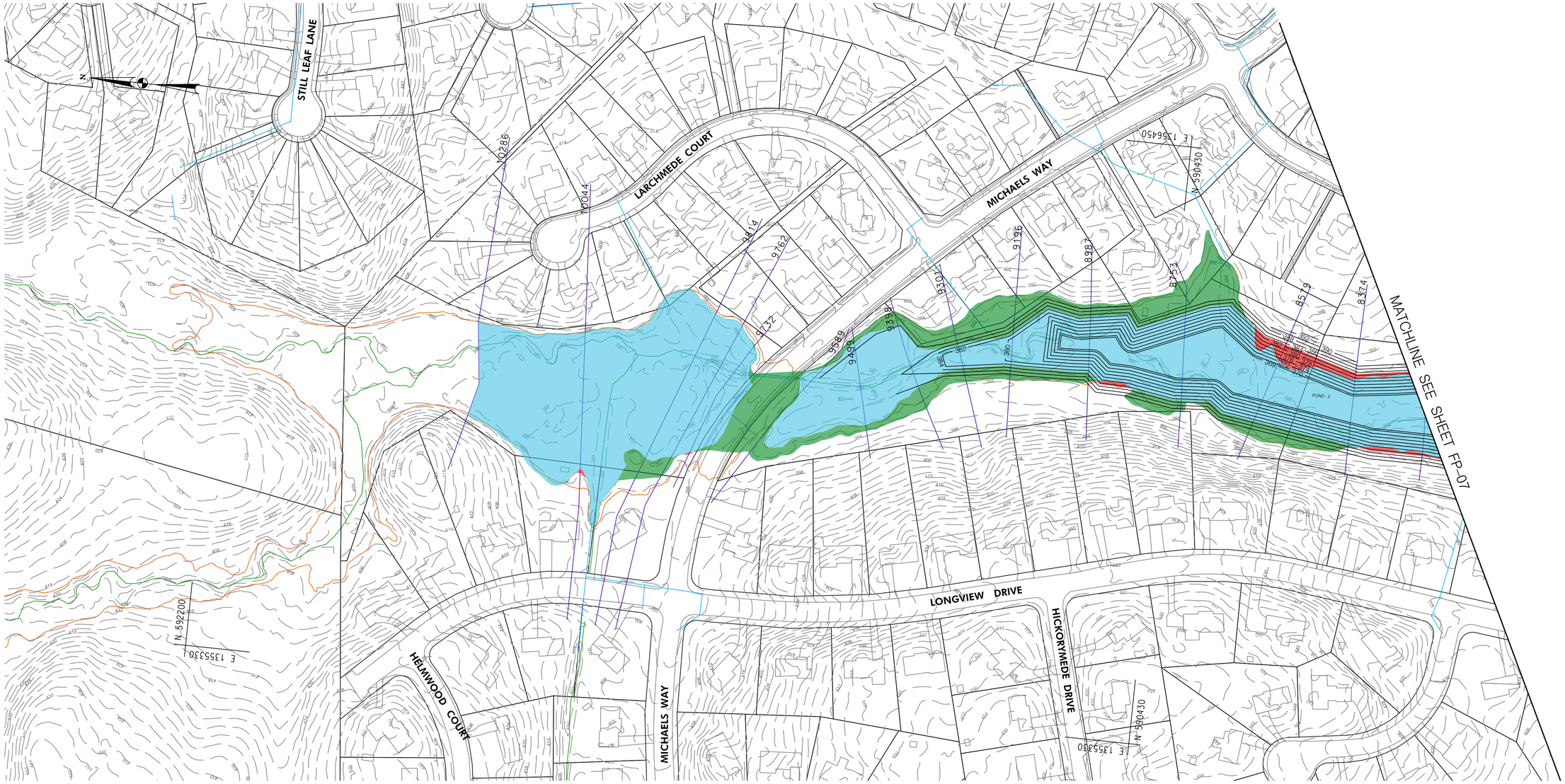
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–07

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option F



LEGEND

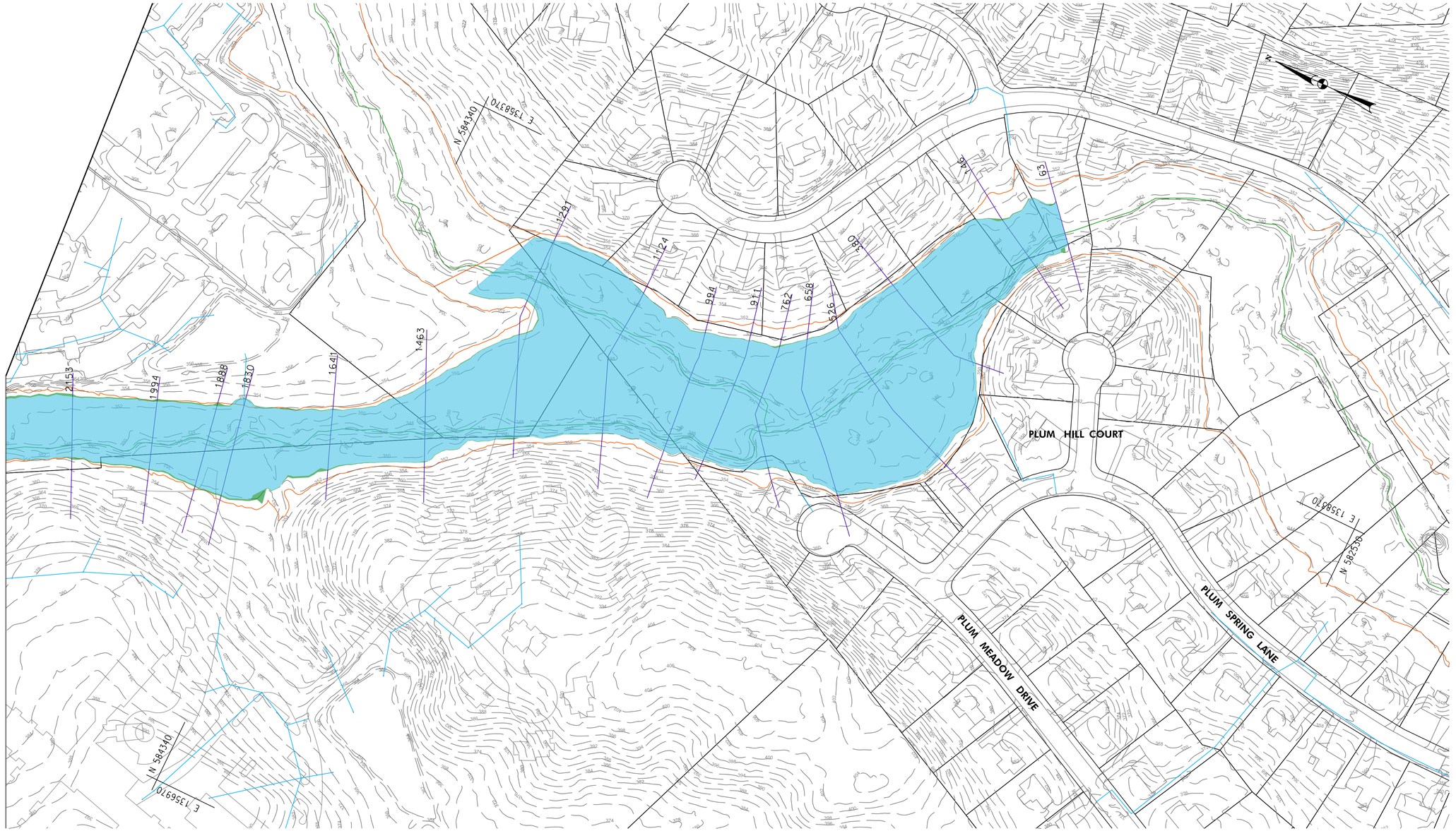
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-08

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option F



LEGEND

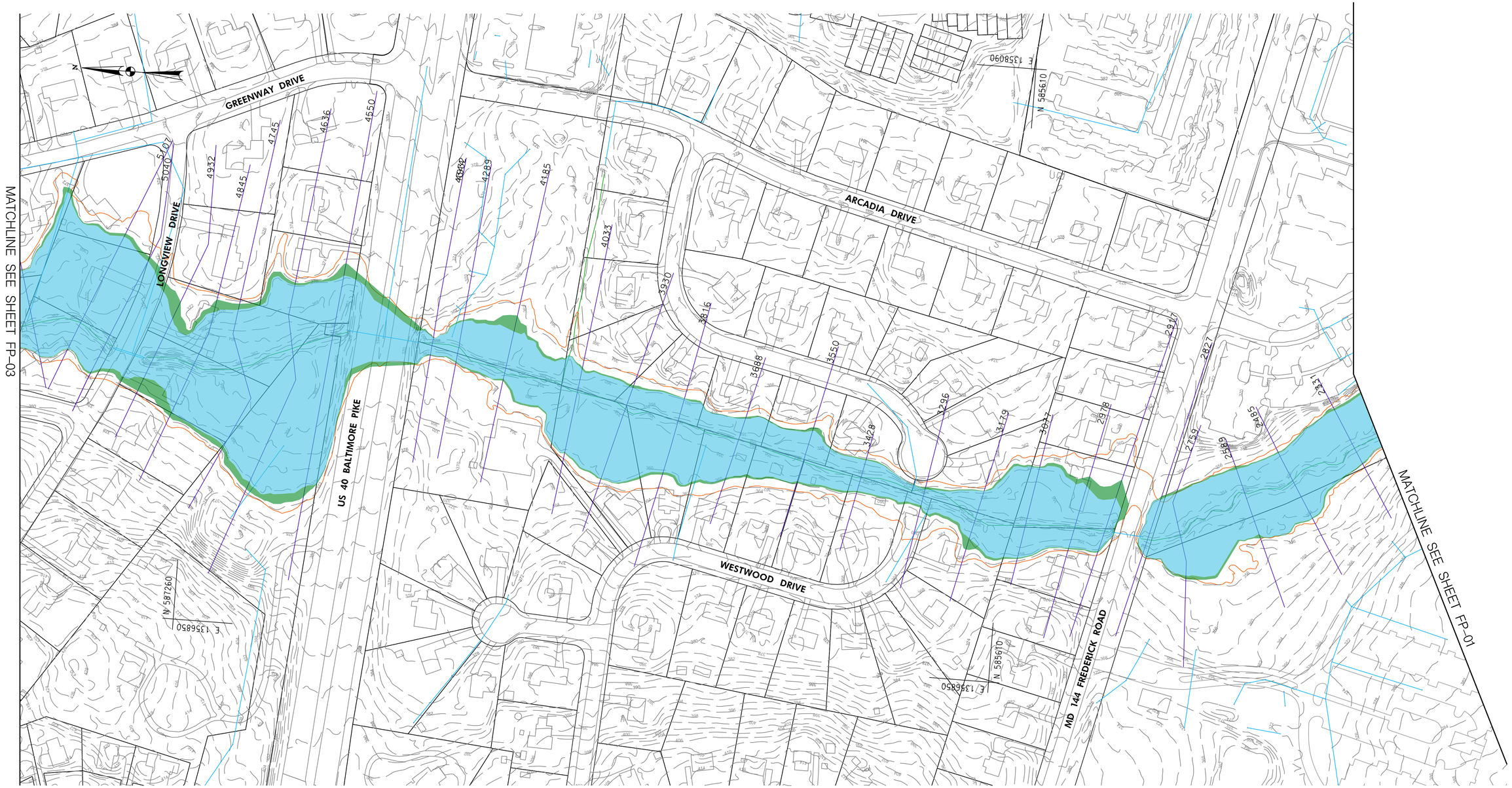
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-01

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option G



LEGEND

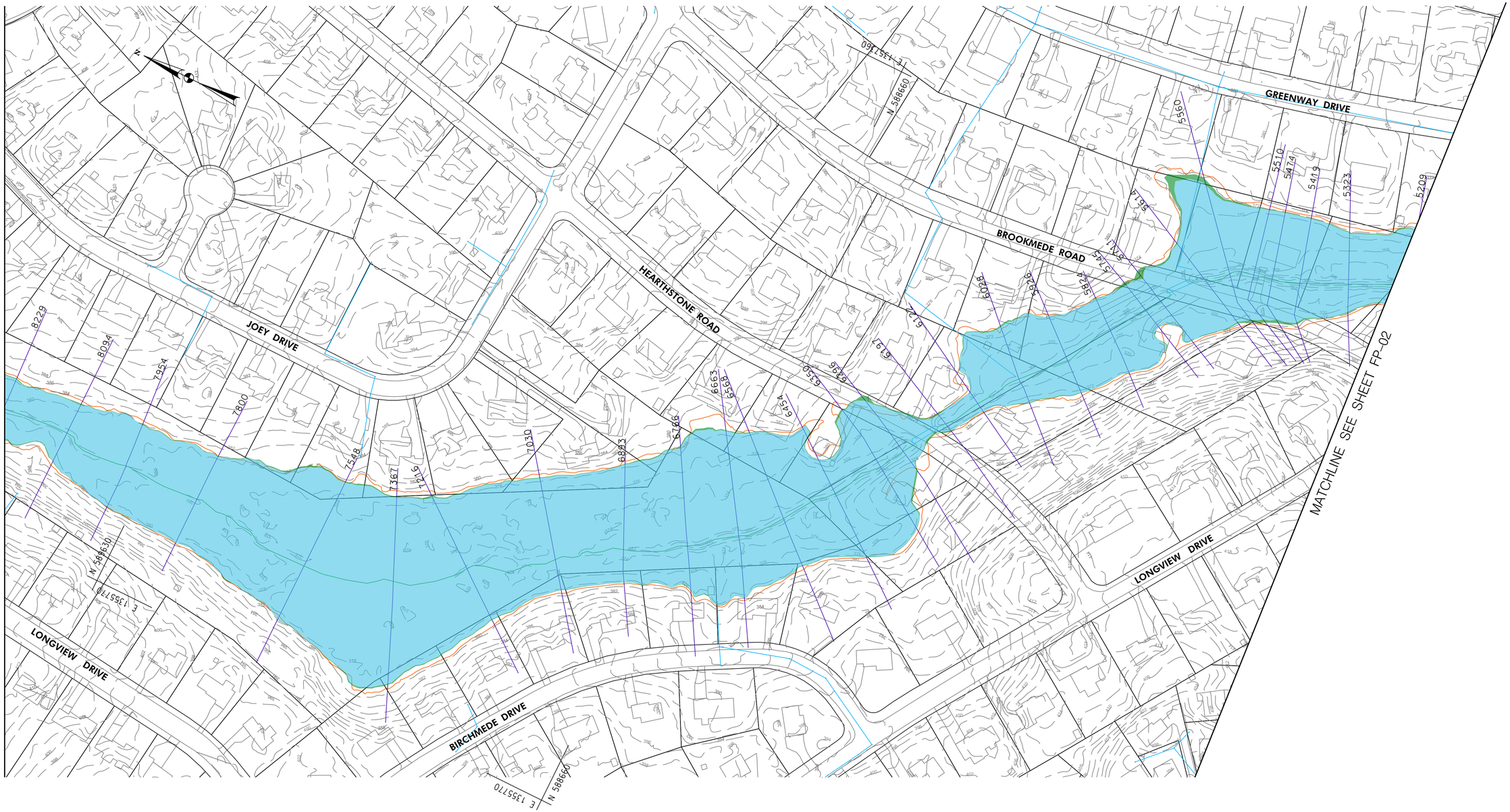
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-02

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option G



LEGEND

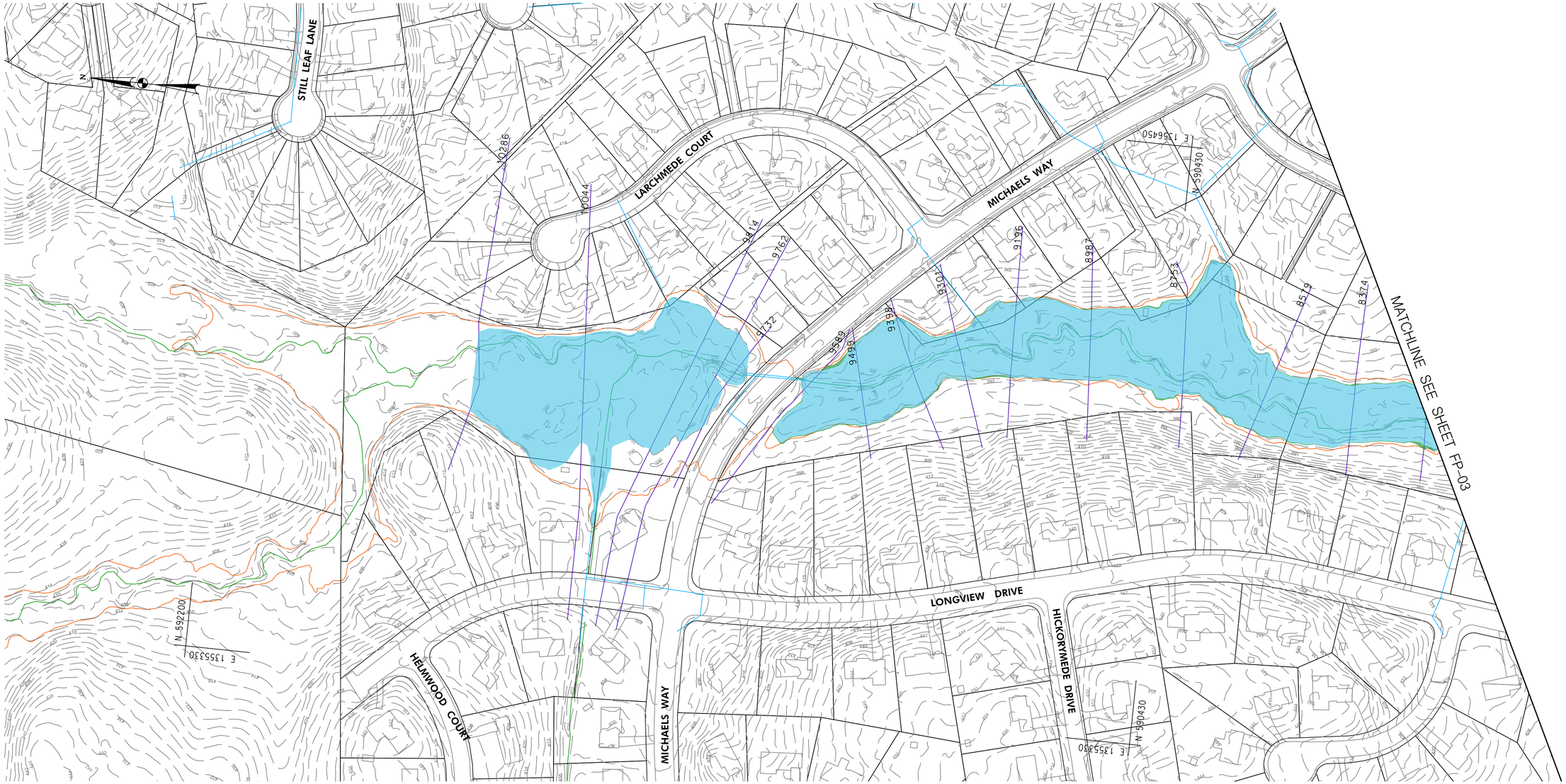
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-03

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option G



LEGEND

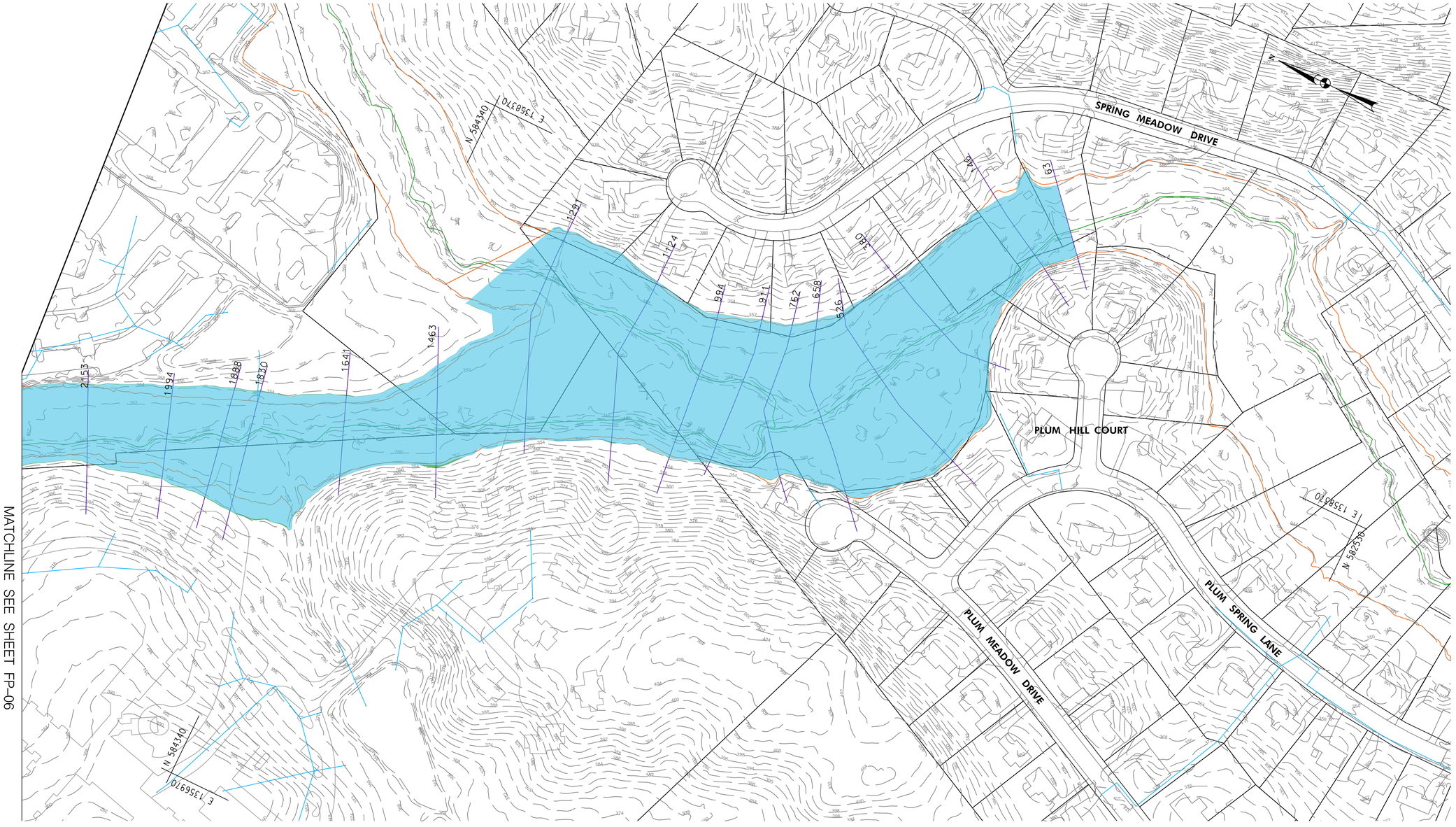
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–04

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option G



LEGEND

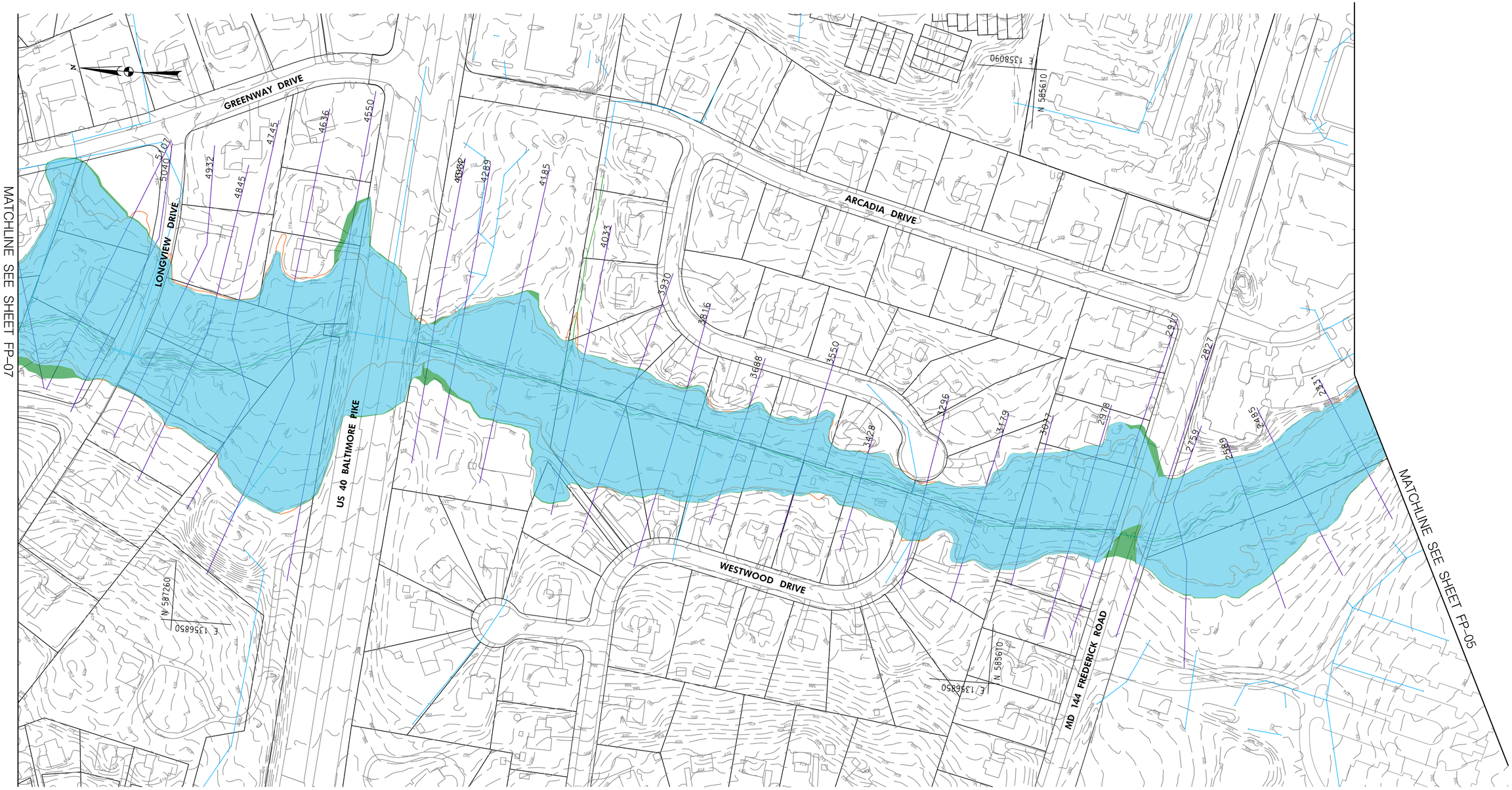
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-05

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option G



LEGEND

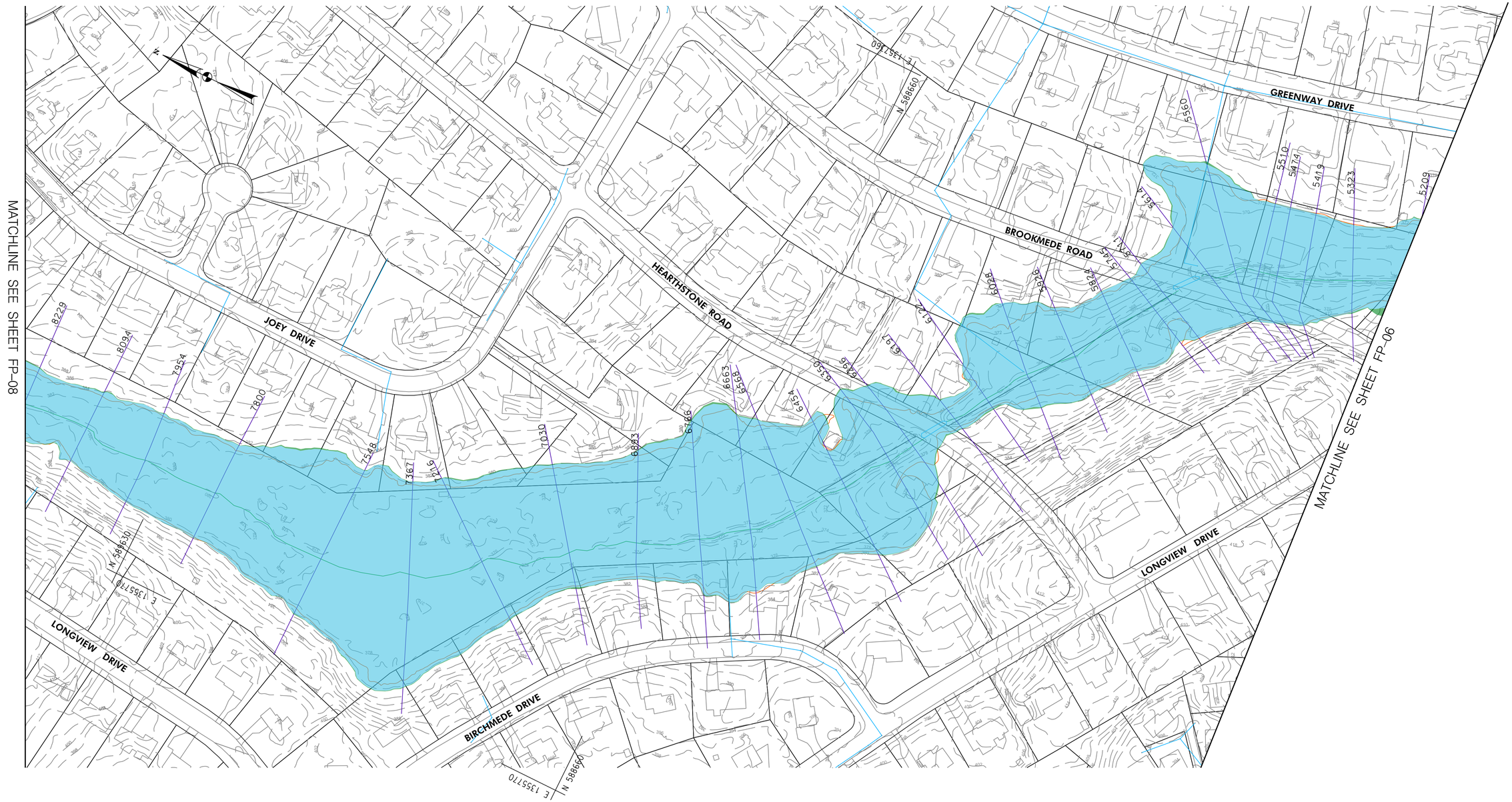
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-06

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option G



LEGEND

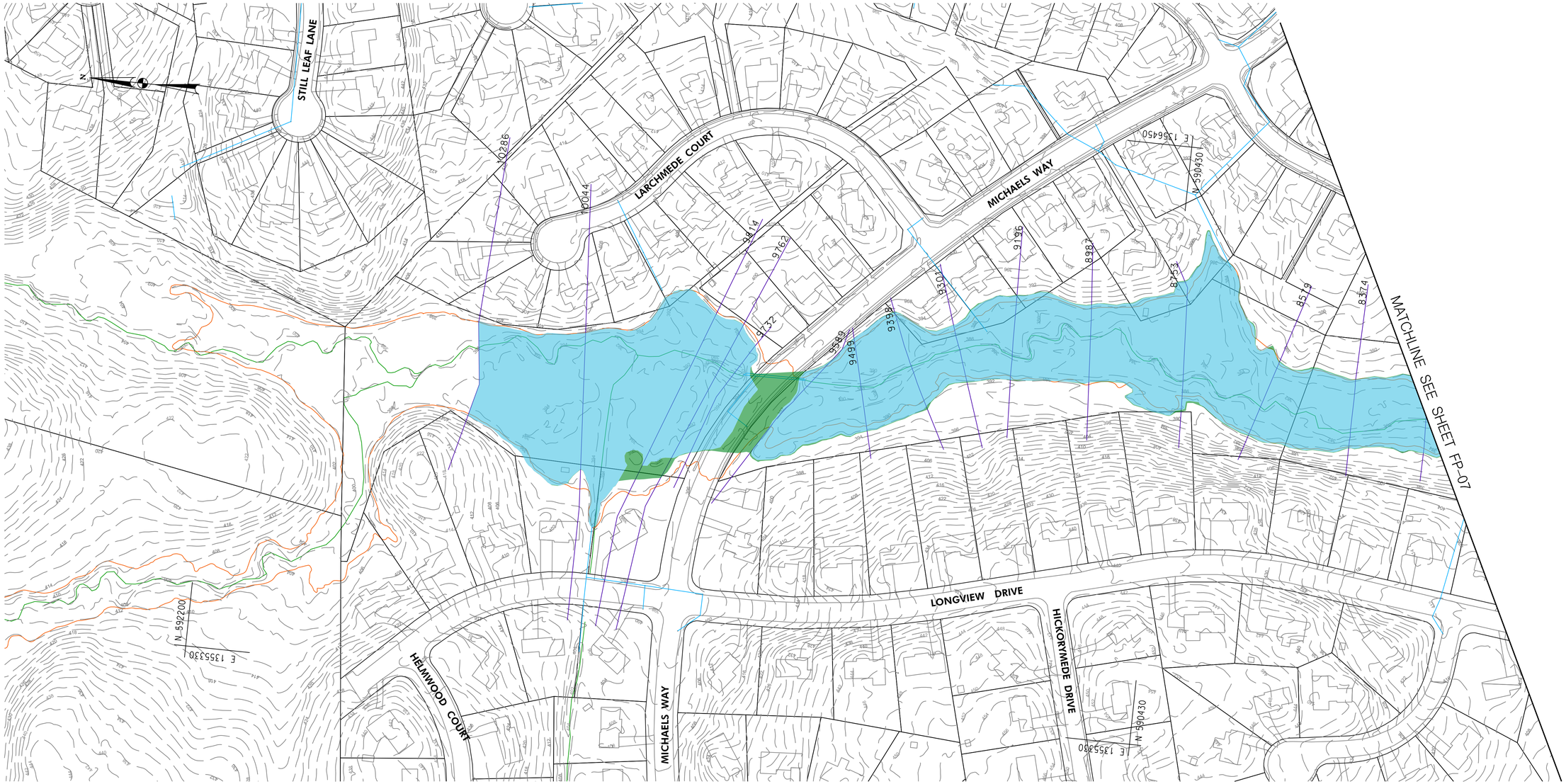
EXISTING AND PROPOSED FLOODPLAIN OVERLAP	CHANNEL CENTERLINE (GIS)
PROPOSED FLOODPLAIN DECREASE	EXISTING FEMA FLOODPLAIN
PROPOSED FLOODPLAIN INCREASE	STORM DRAIN
	HEC-RAS CROSS SECTION

FP-07

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option G



LEGEND

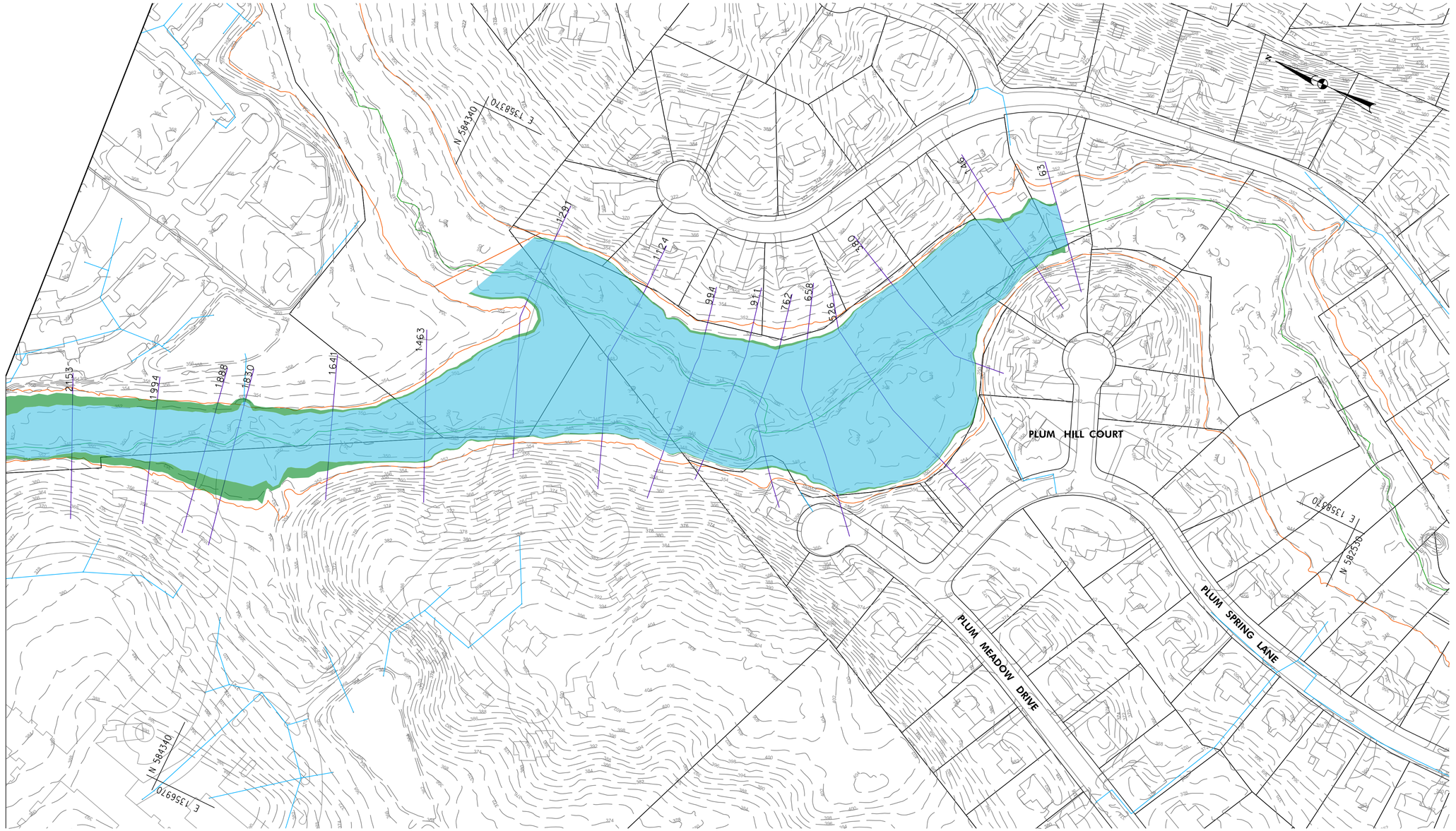
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-08

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option G



LEGEND

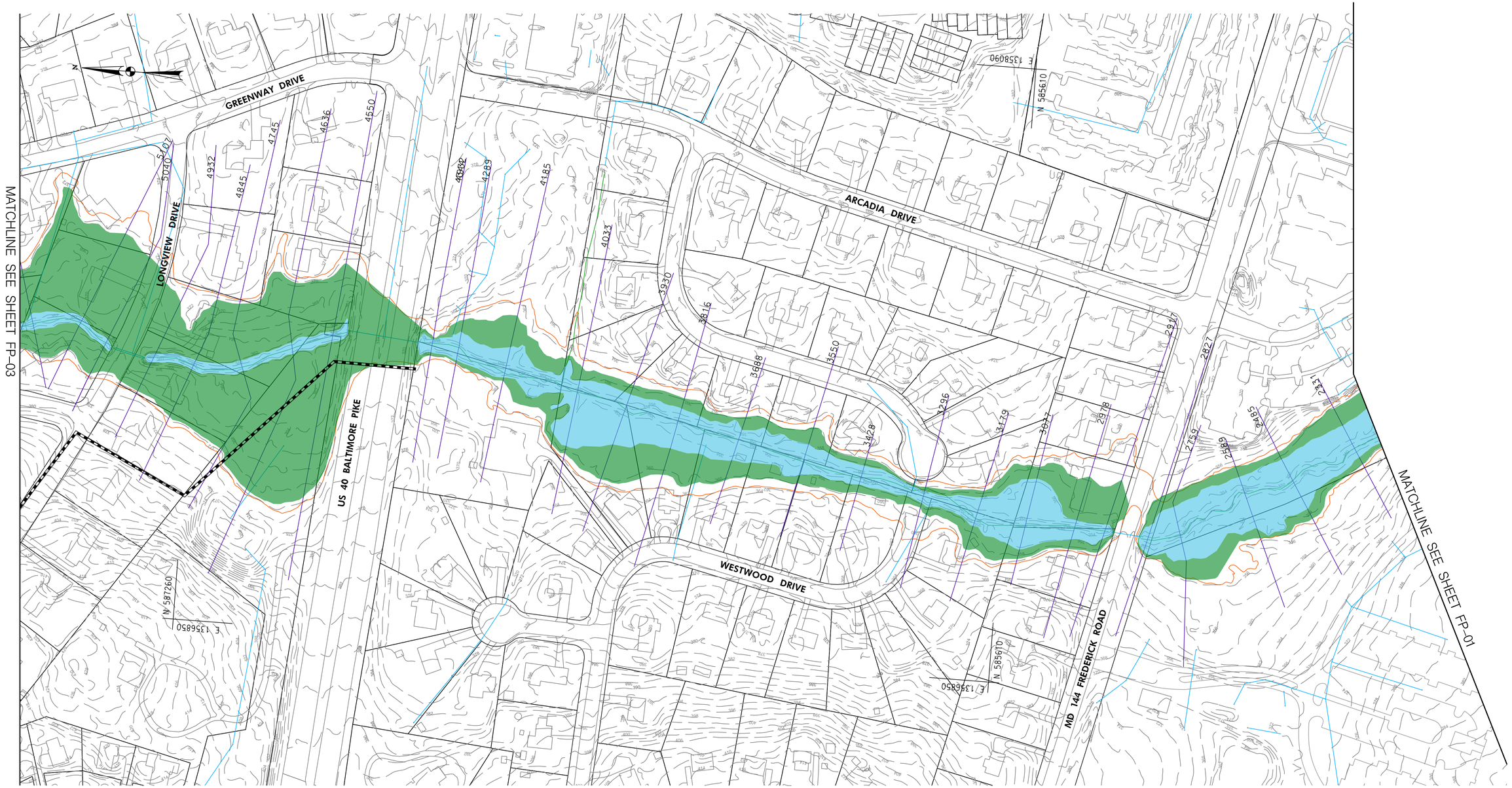
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-01

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option H



LEGEND

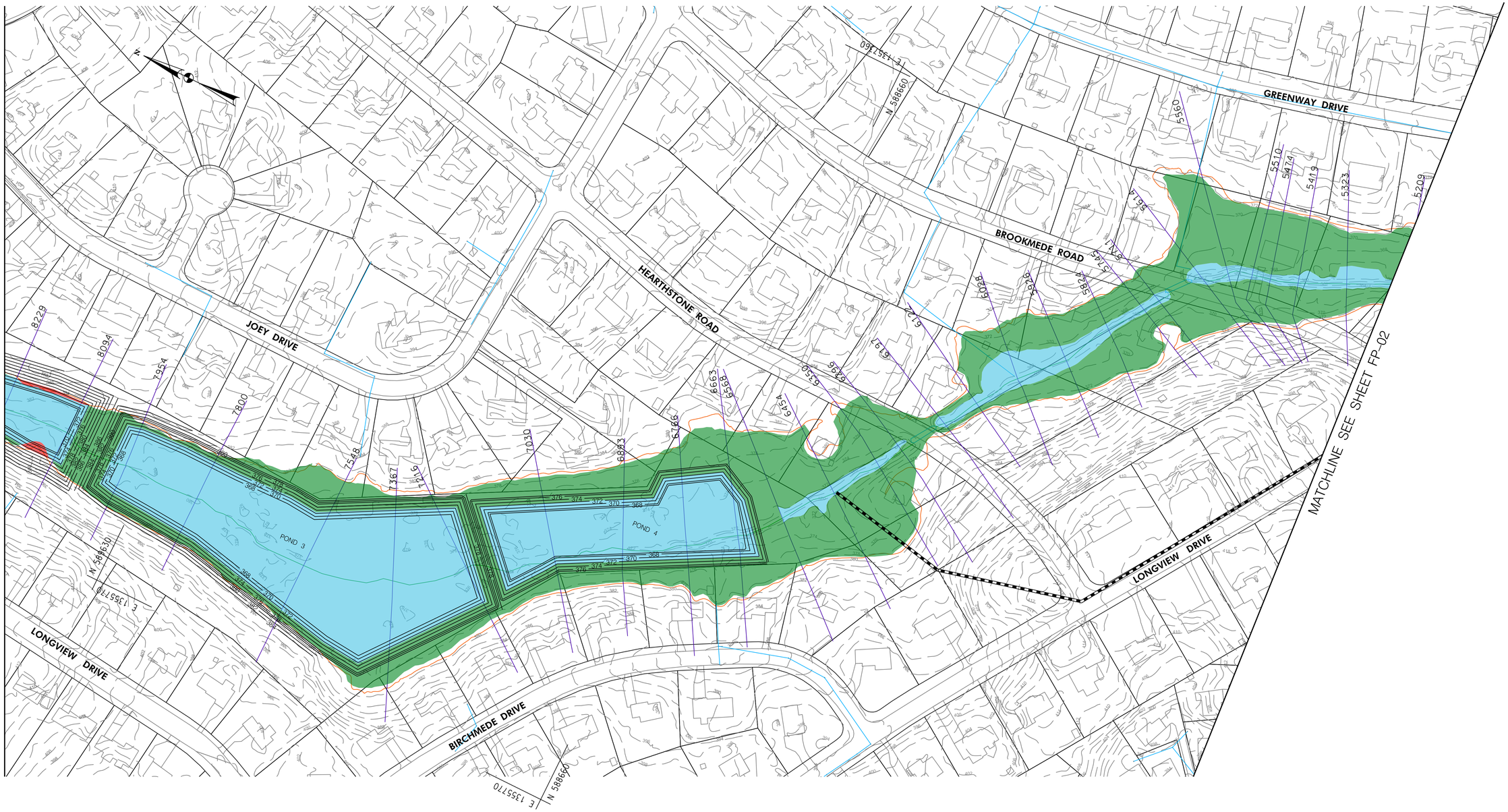
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-02

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option H



LEGEND

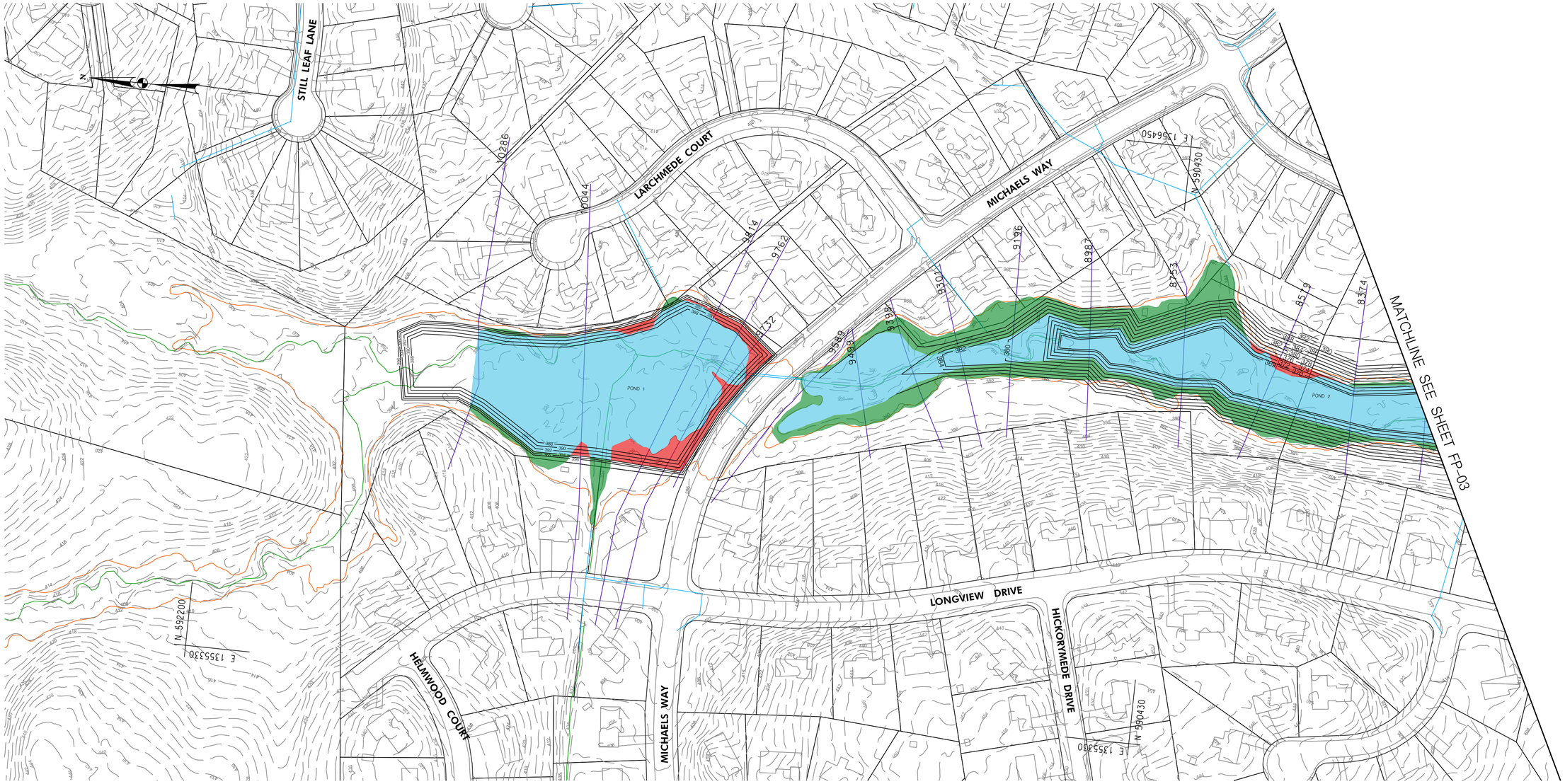
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-03

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option H



LEGEND

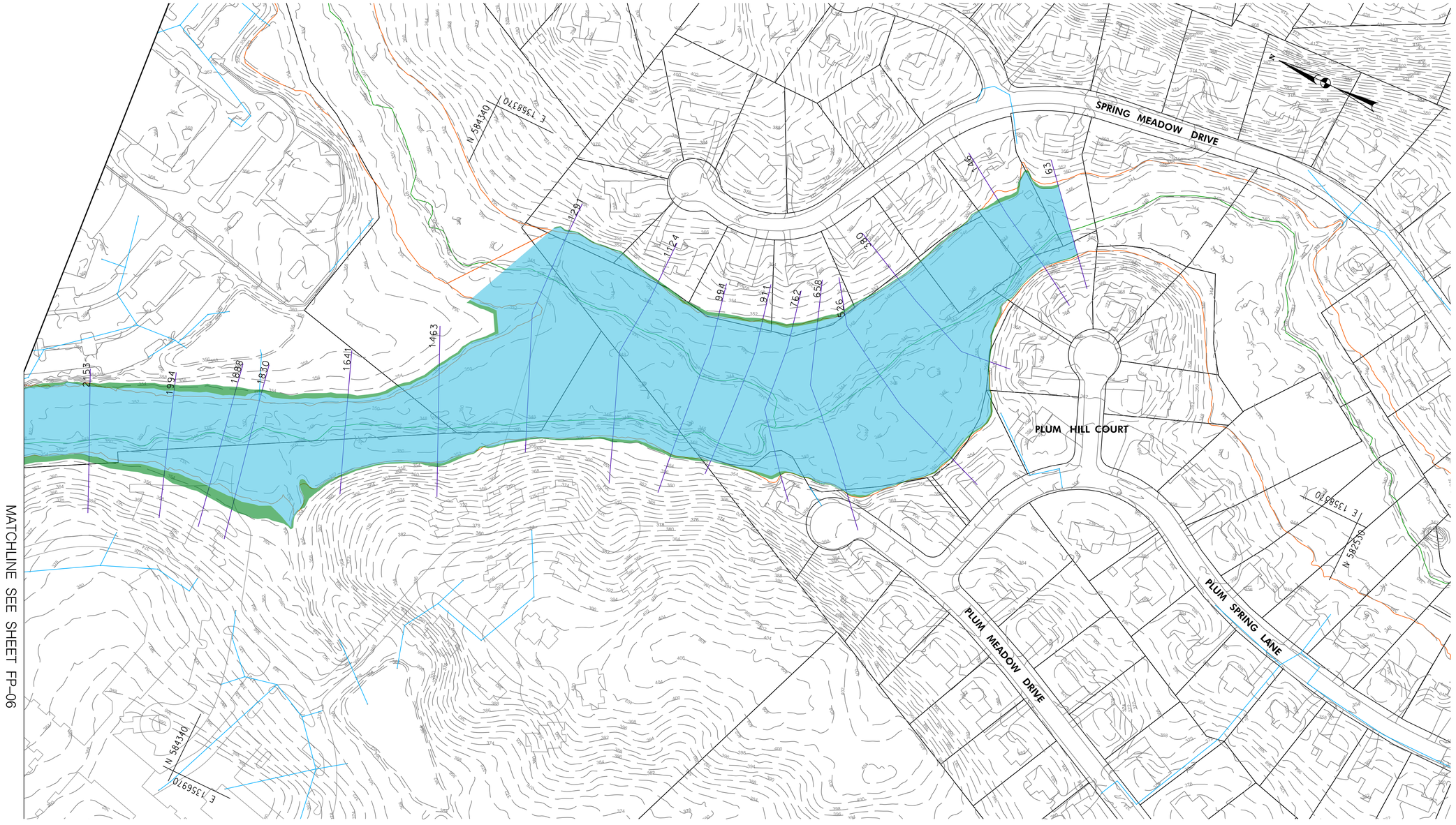
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–04

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option H



LEGEND

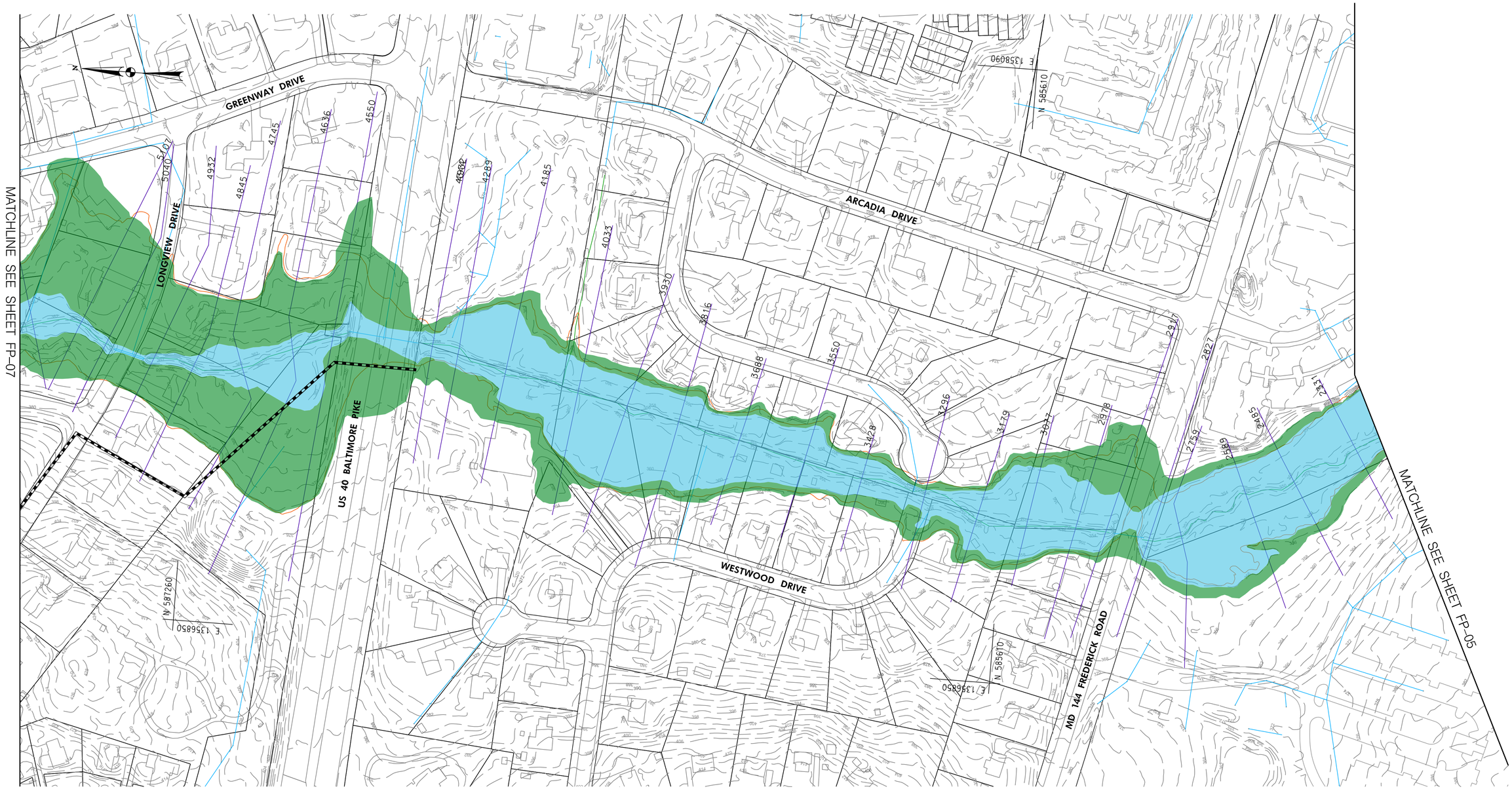
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-05

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option H



LEGEND

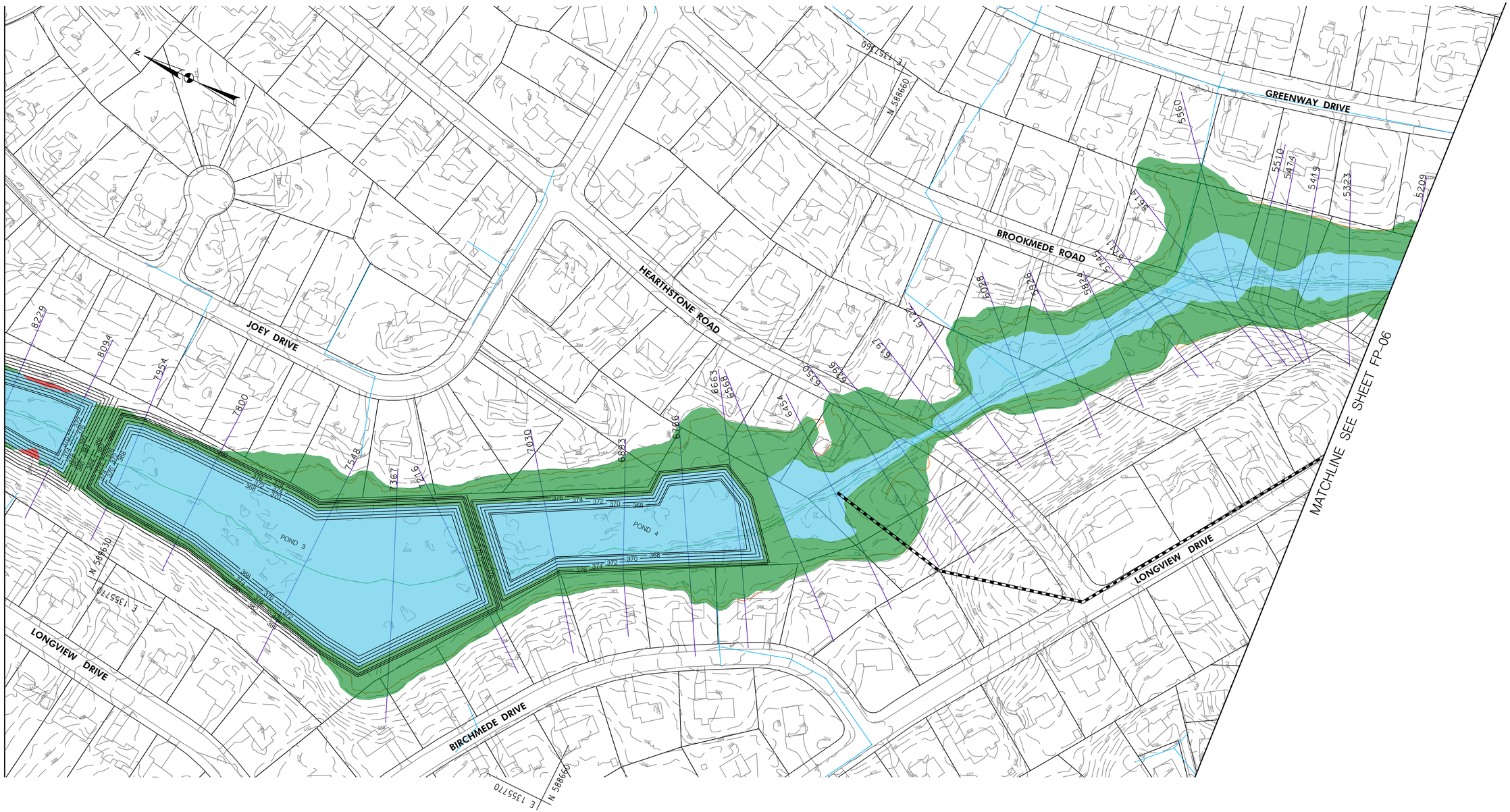
EXISTING AND PROPOSED FLOODPLAIN OVERLAP	CHANNEL CENTERLINE (GIS)
PROPOSED FLOODPLAIN DECREASE	EXISTING FEMA FLOODPLAIN
PROPOSED FLOODPLAIN INCREASE	STORM DRAIN
	HEC-RAS CROSS SECTION

FP-06

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option H



LEGEND

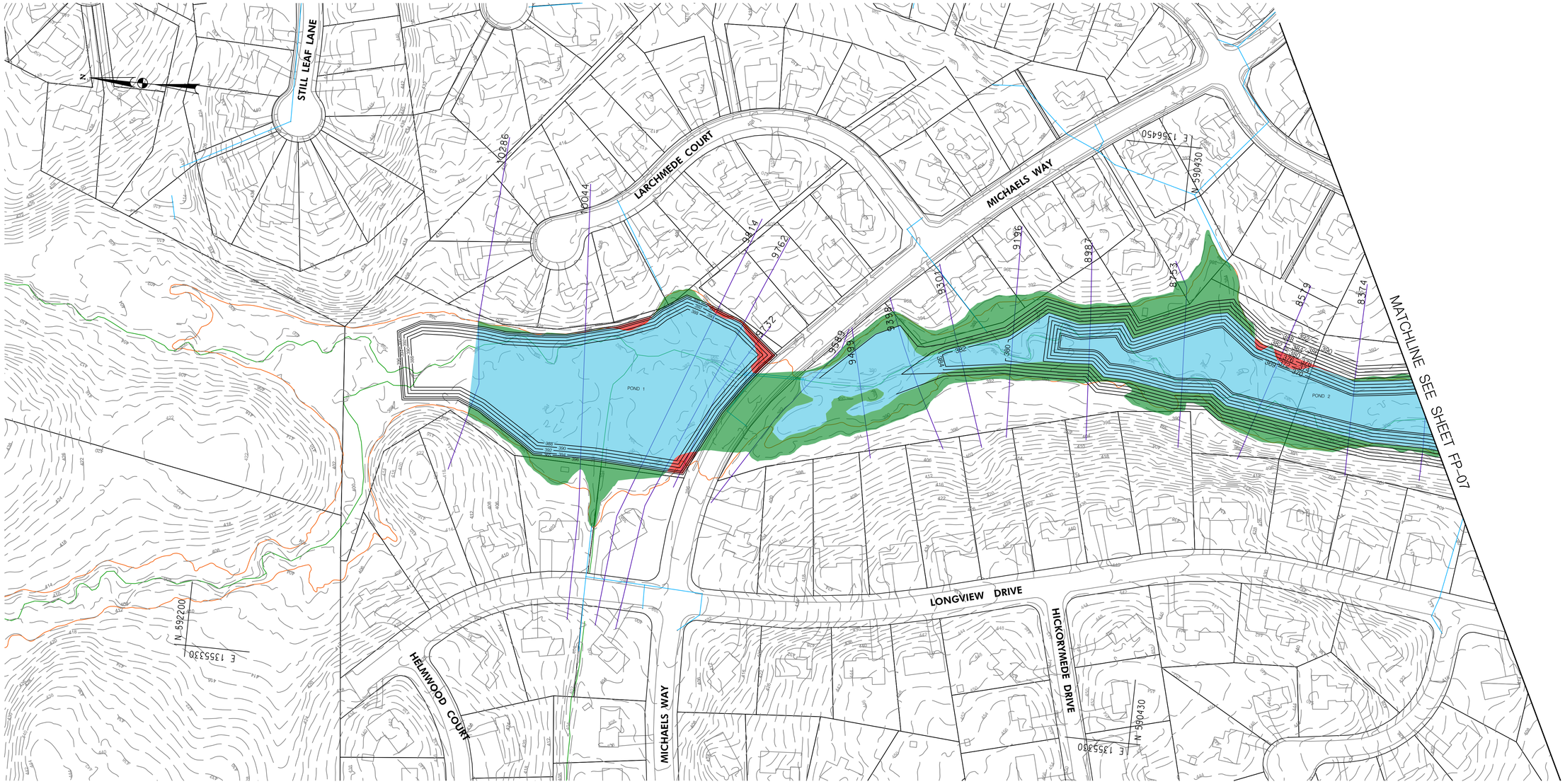
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–07

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option H



LEGEND

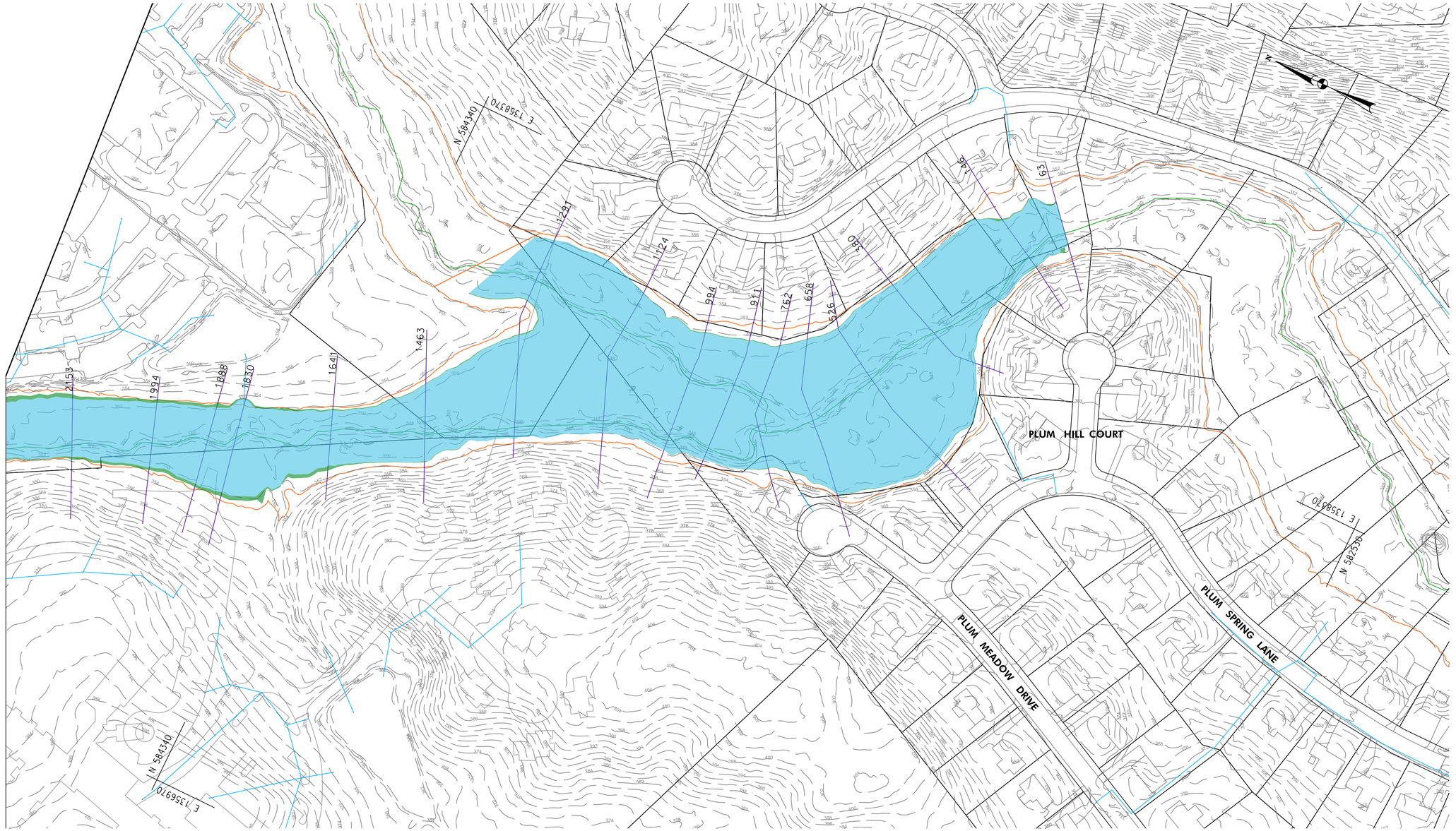
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-08

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option H



LEGEND

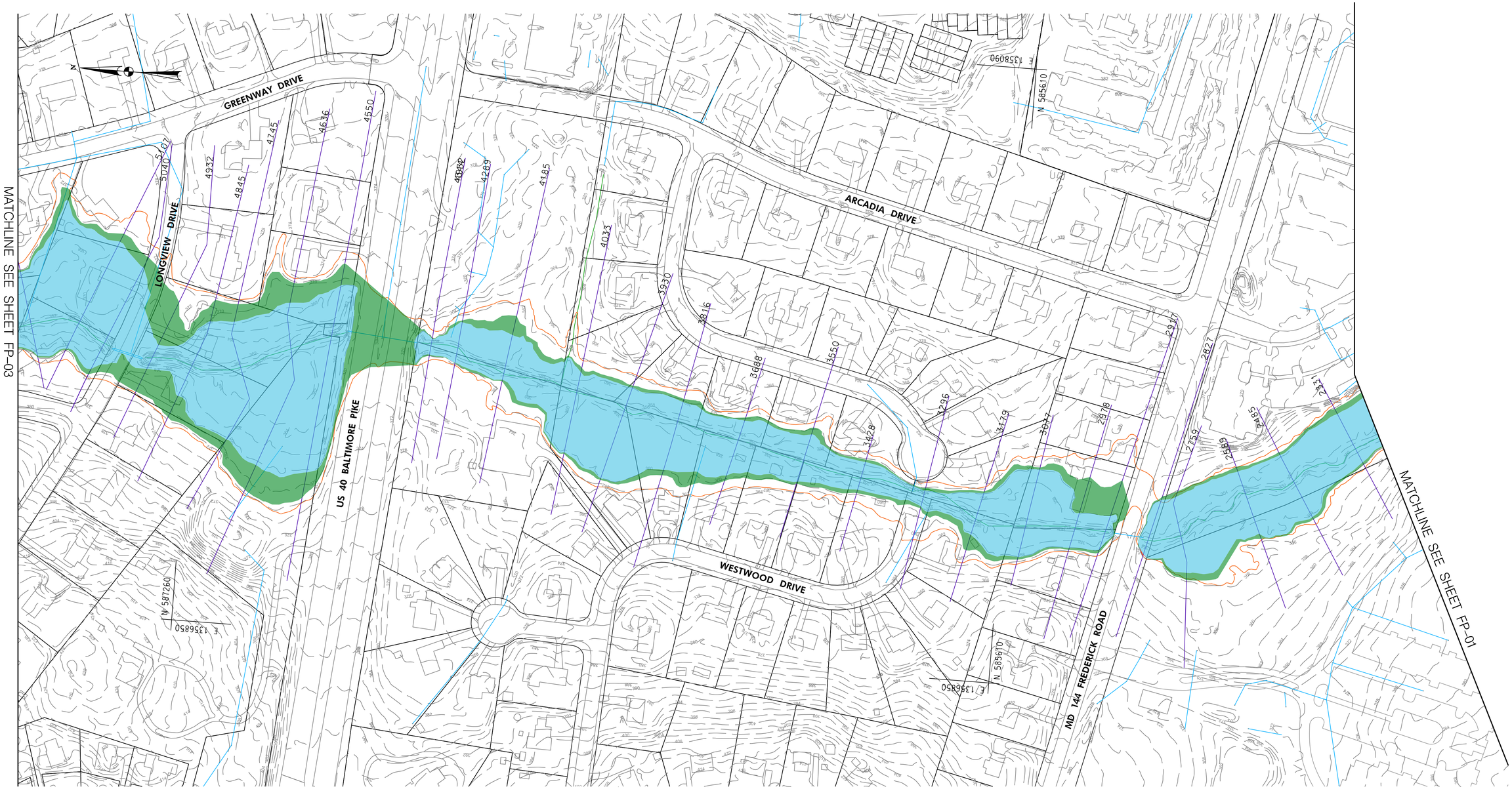
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-01

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option I



LEGEND

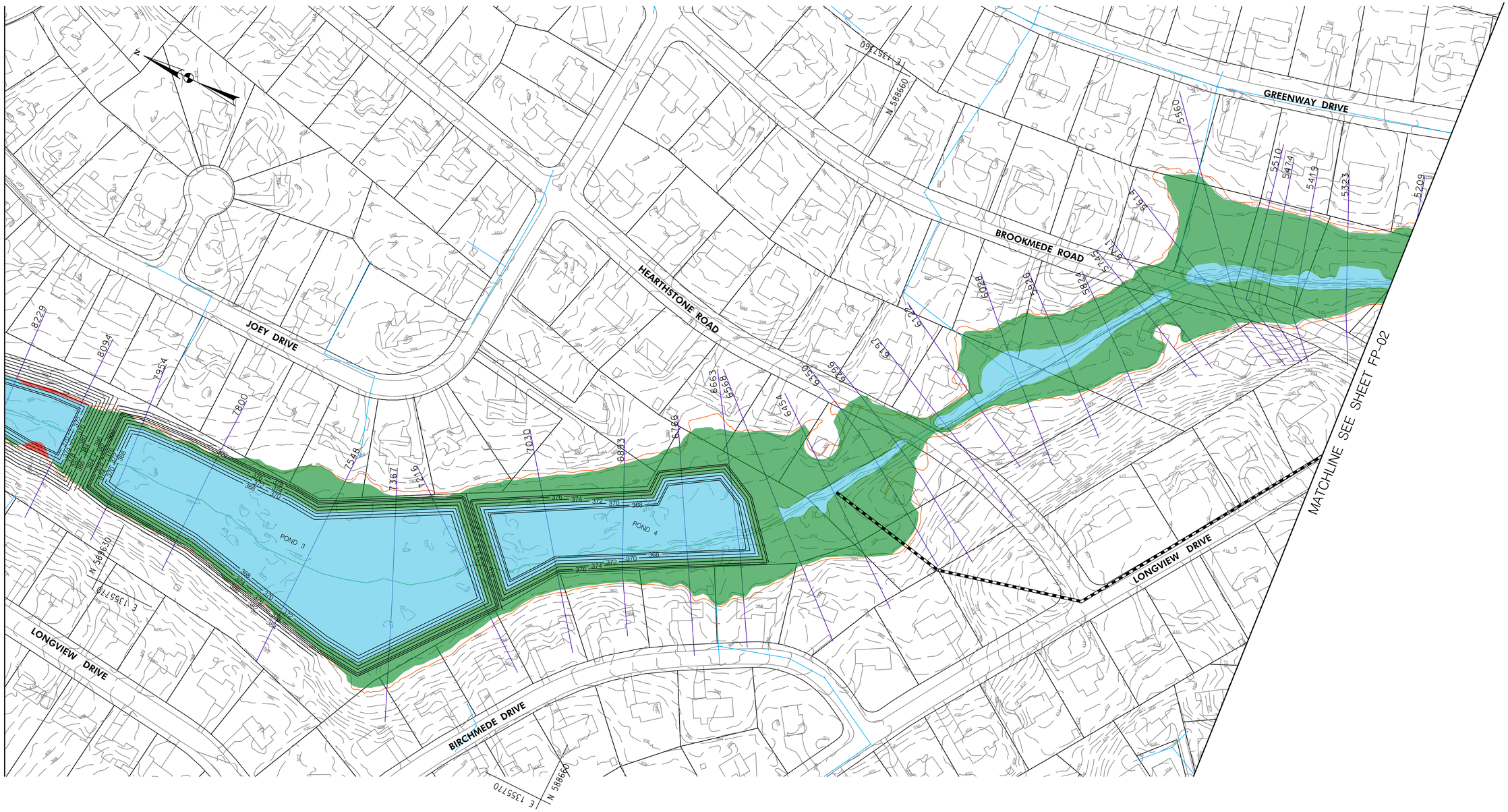
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-02

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option I



LEGEND

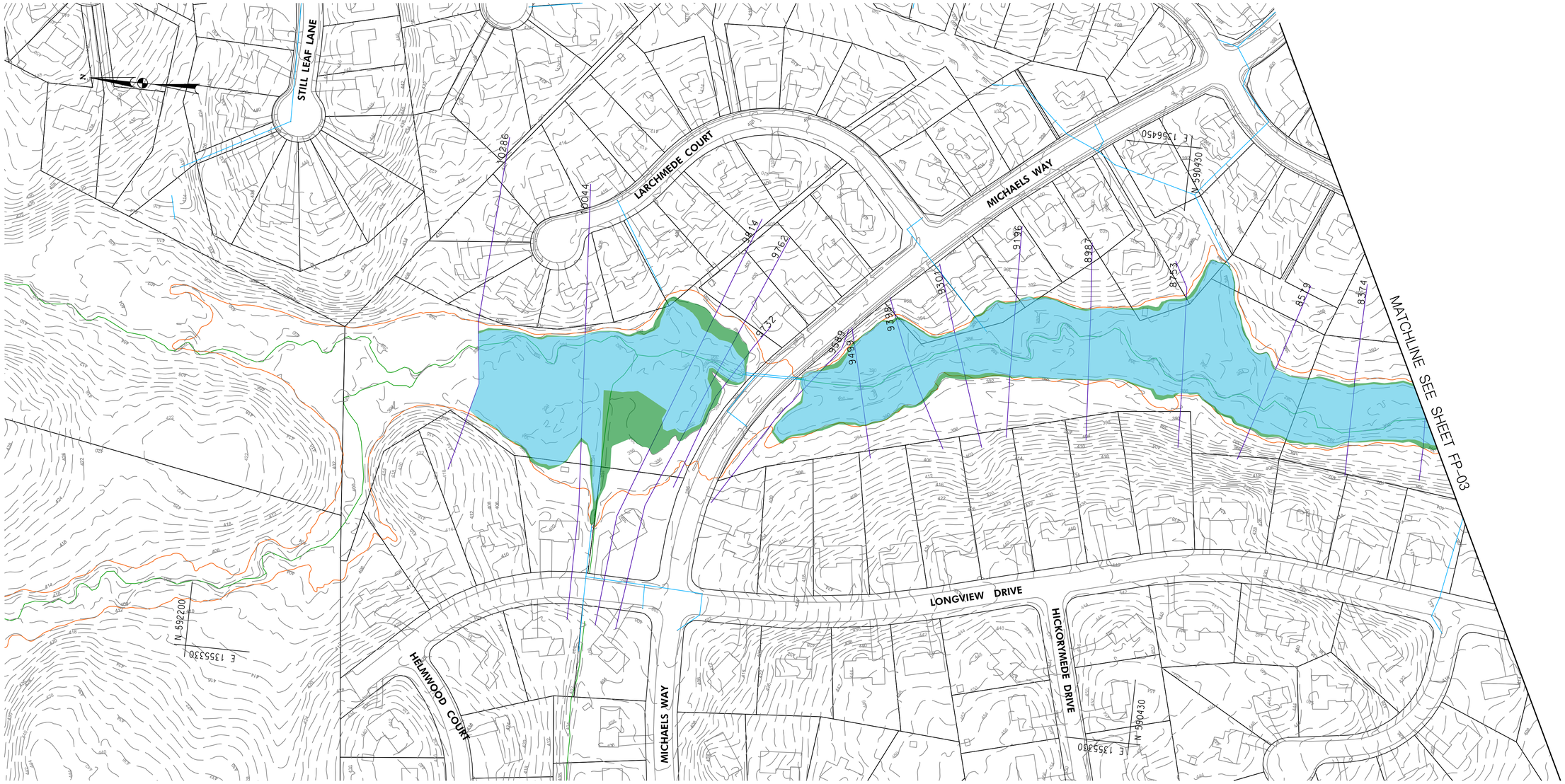
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-03

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option 1



LEGEND

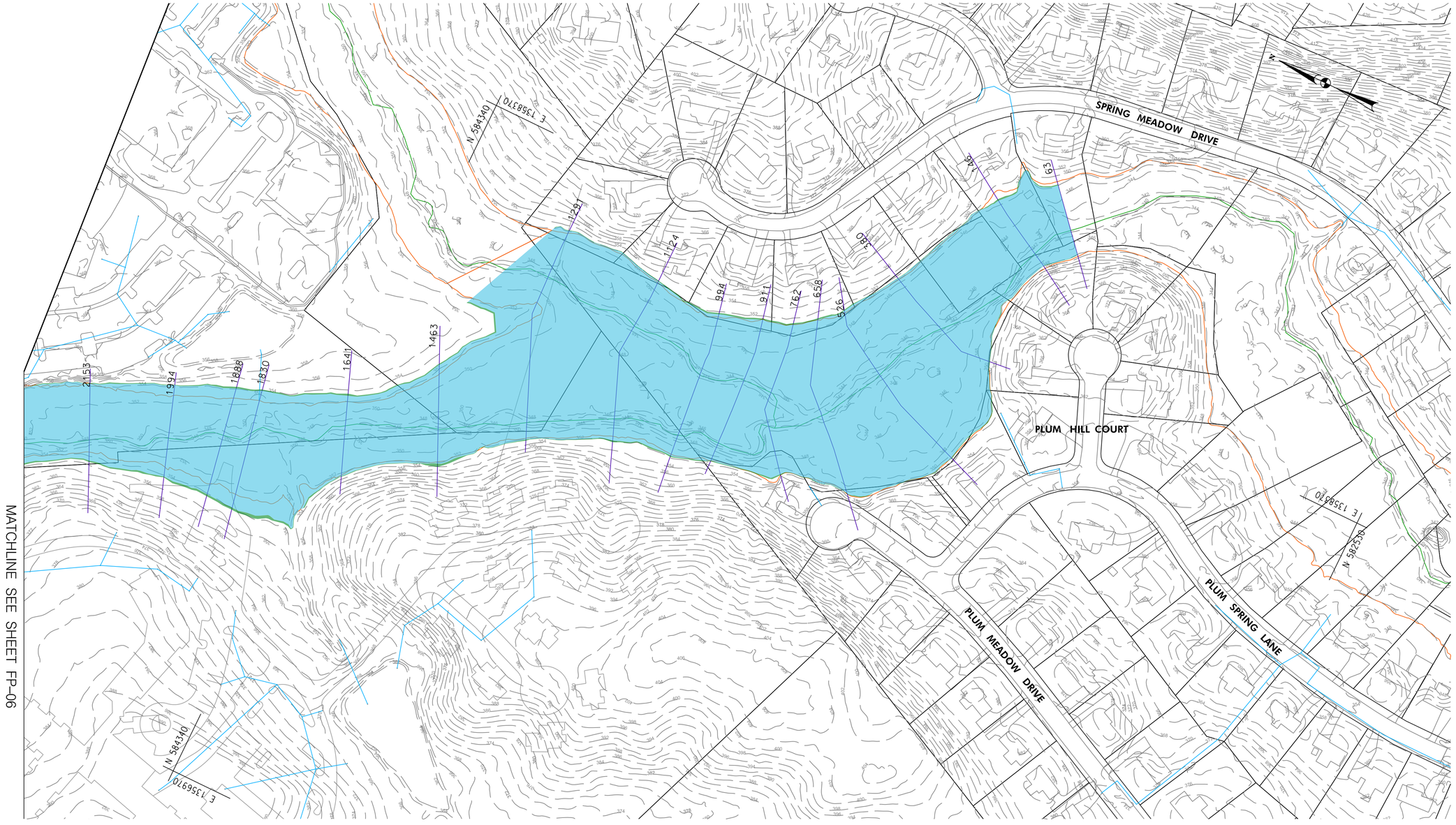
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–04

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Plumtree Branch
Option I



LEGEND

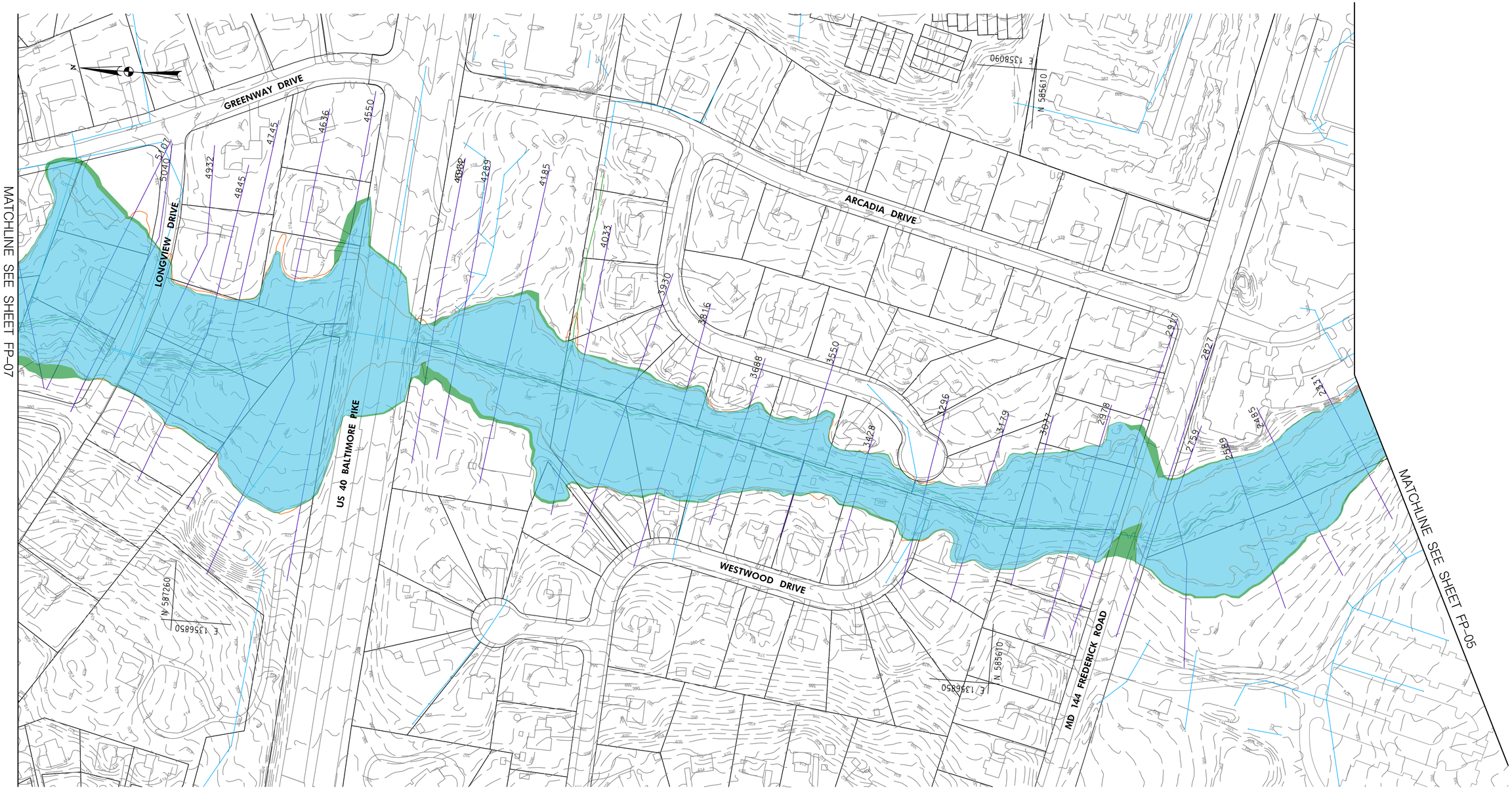
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-05

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option I



LEGEND

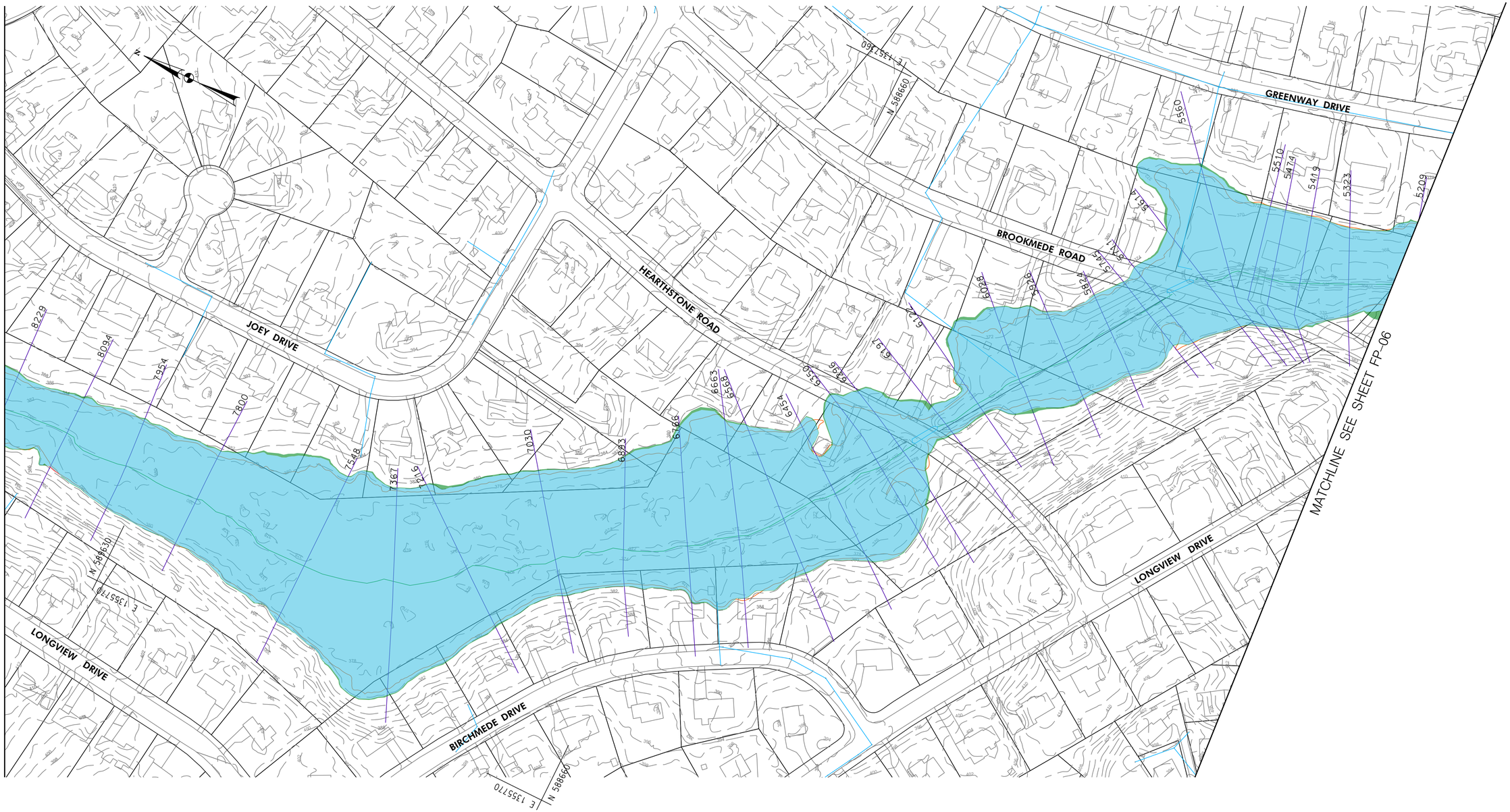
EXISTING AND PROPOSED FLOODPLAIN OVERLAP	CHANNEL CENTERLINE (GIS)
PROPOSED FLOODPLAIN DECREASE	EXISTING FEMA FLOODPLAIN
PROPOSED FLOODPLAIN INCREASE	STORM DRAIN
	HEC-RAS CROSS SECTION

FP-06

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option I



LEGEND

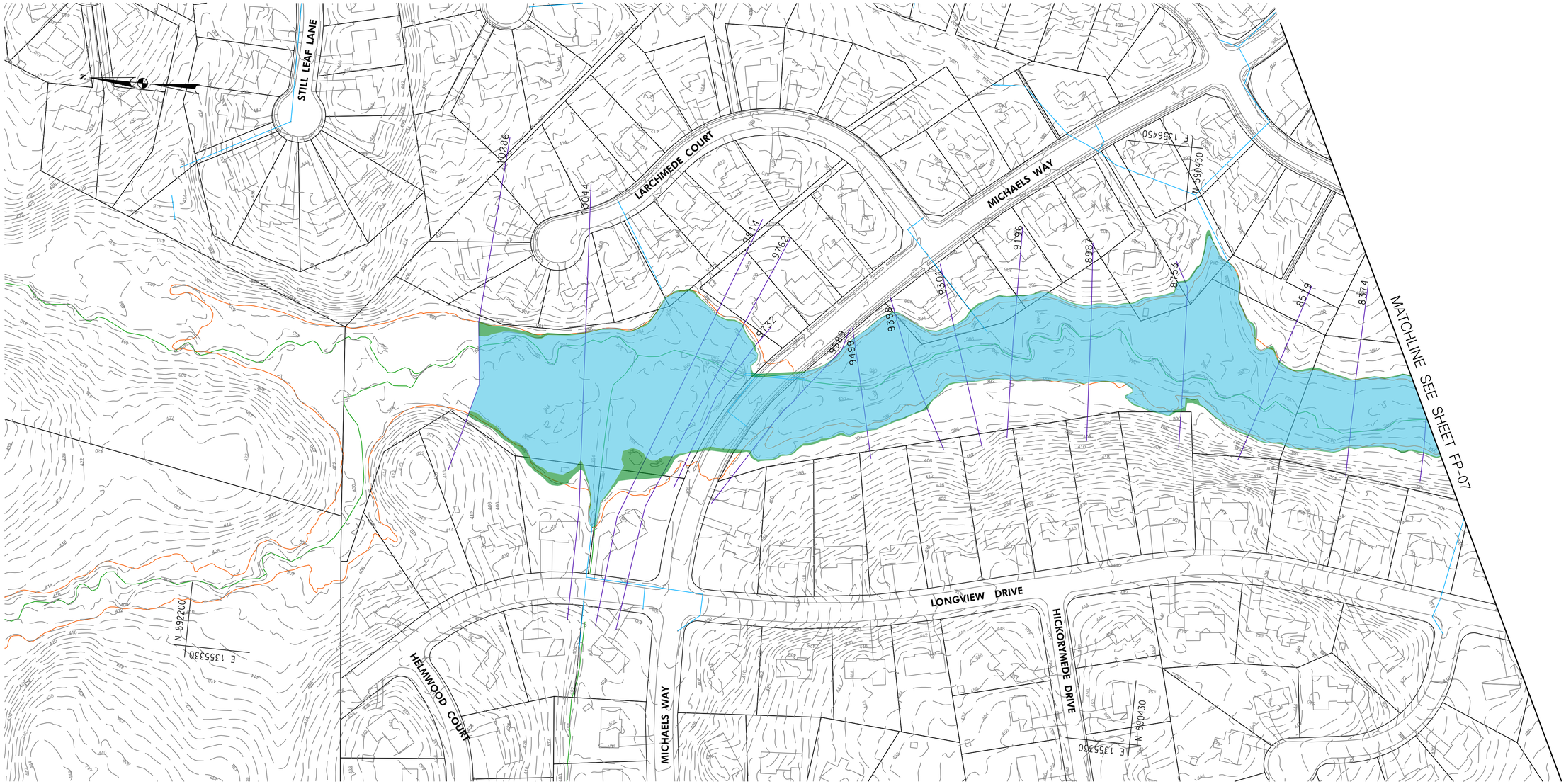
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–07

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option 1



LEGEND

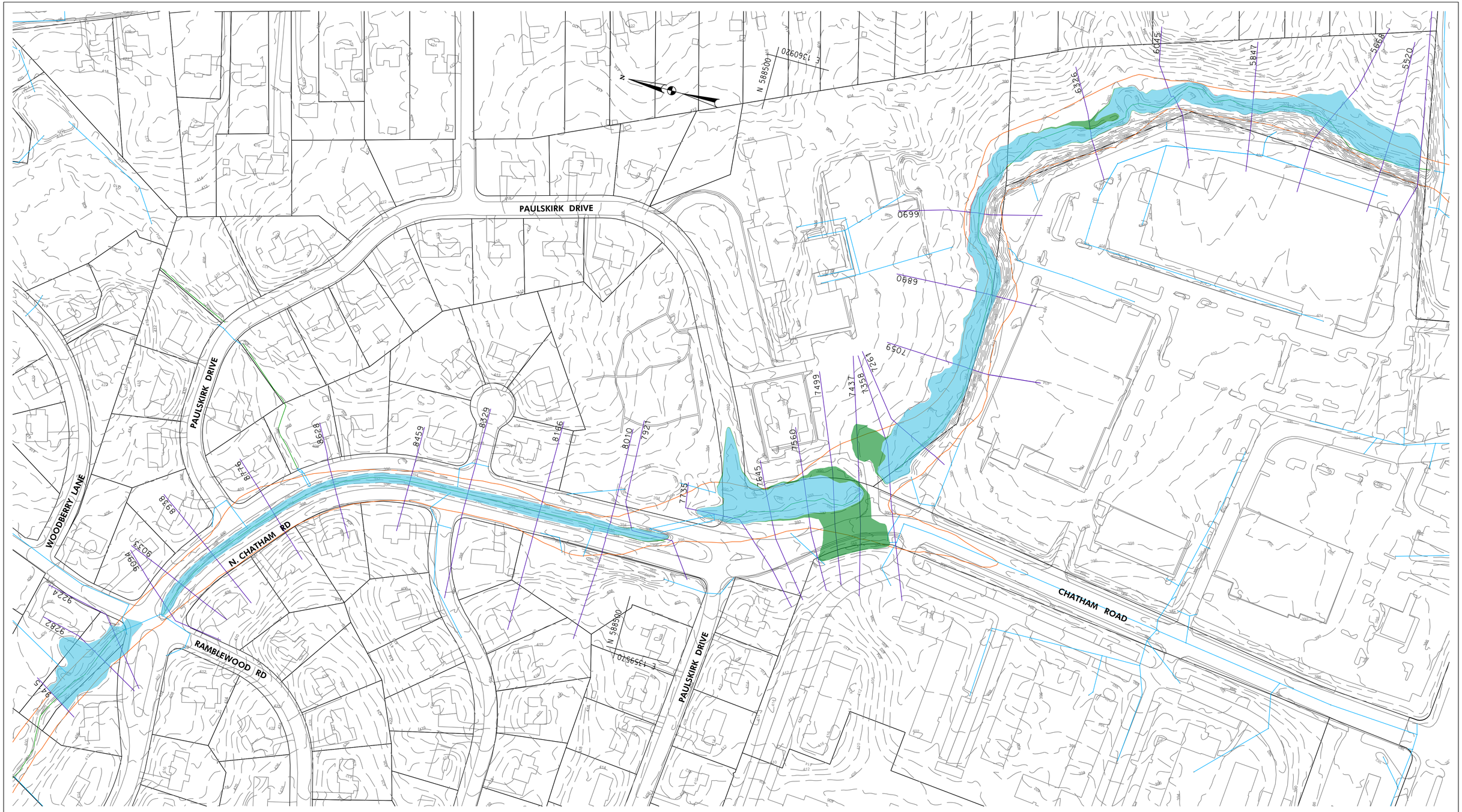
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-08

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Plumtree Branch
Option I



LEGEND

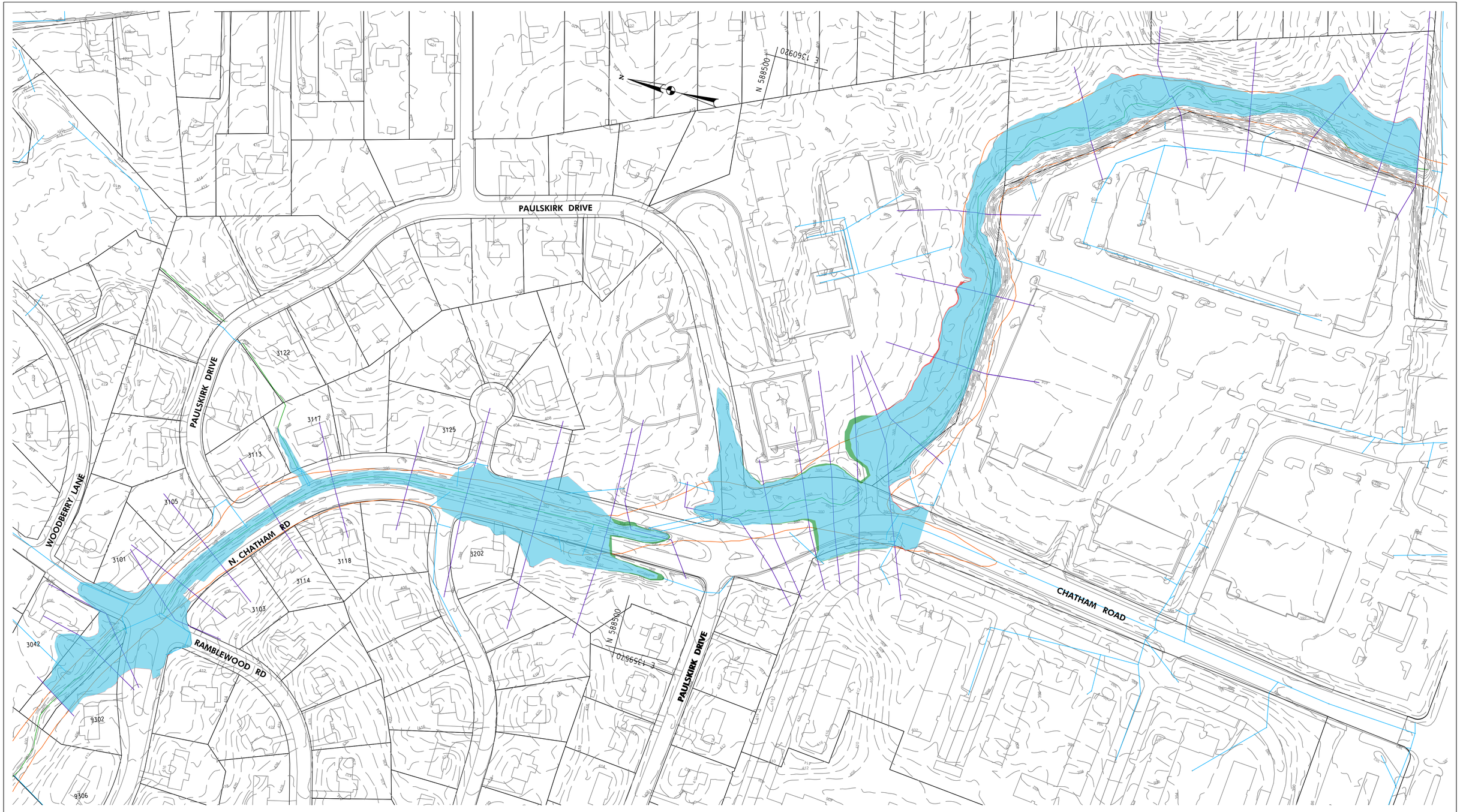
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–09

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Little Plumtree Branch
Option R



LEGEND

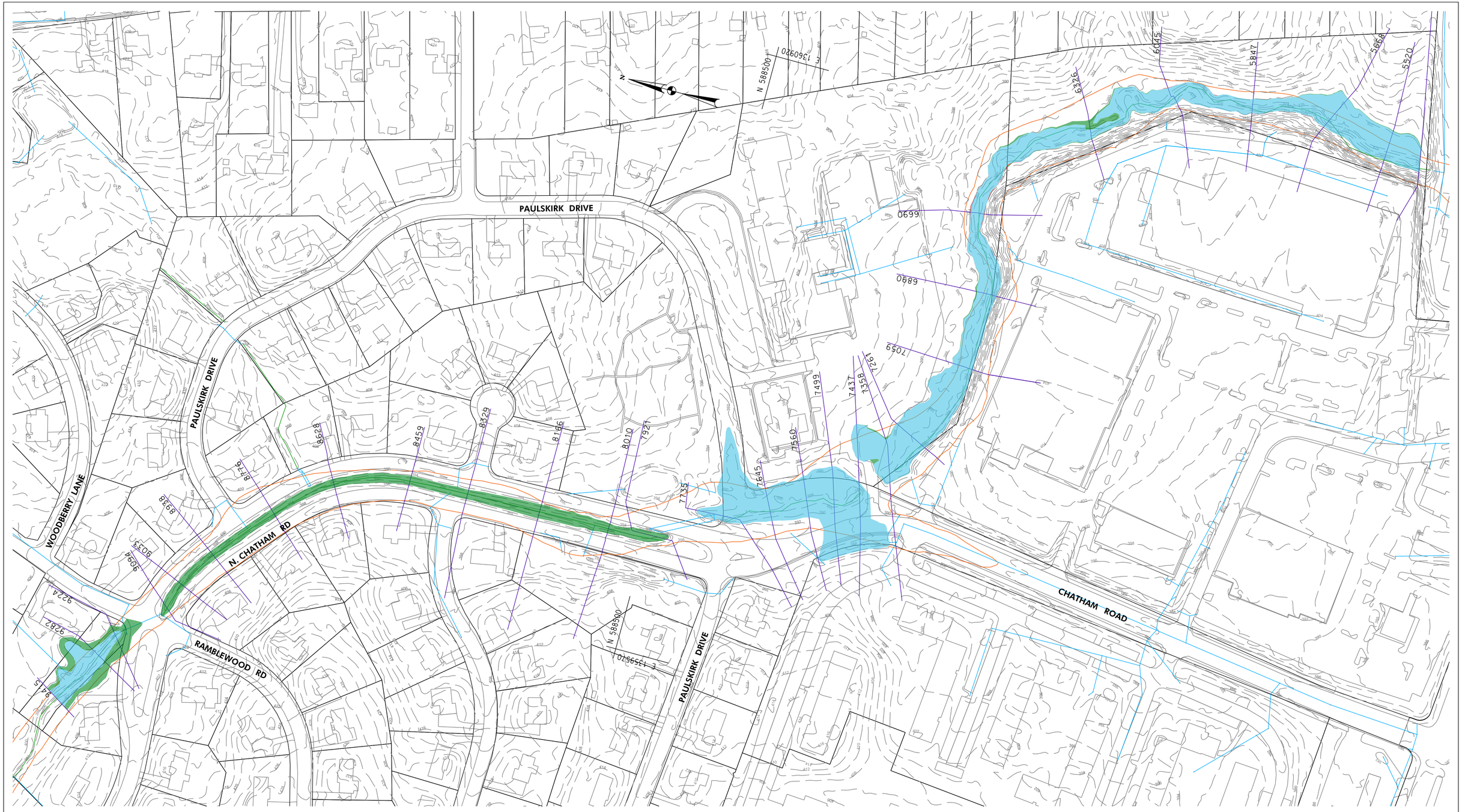
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–09

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Little Plumtree Branch
Option R



LEGEND

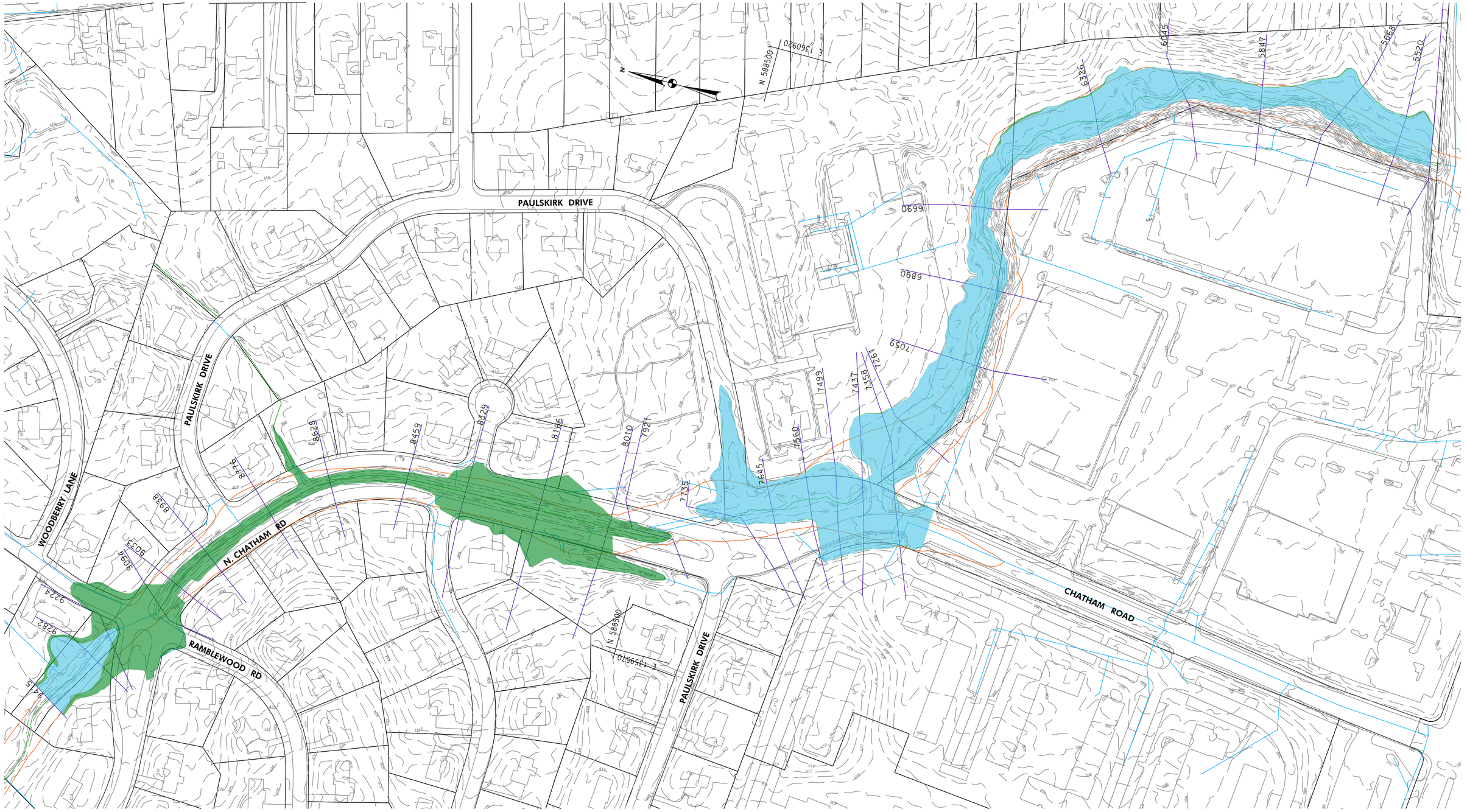
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–09

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Little Plumtree Branch
Option S



LEGEND

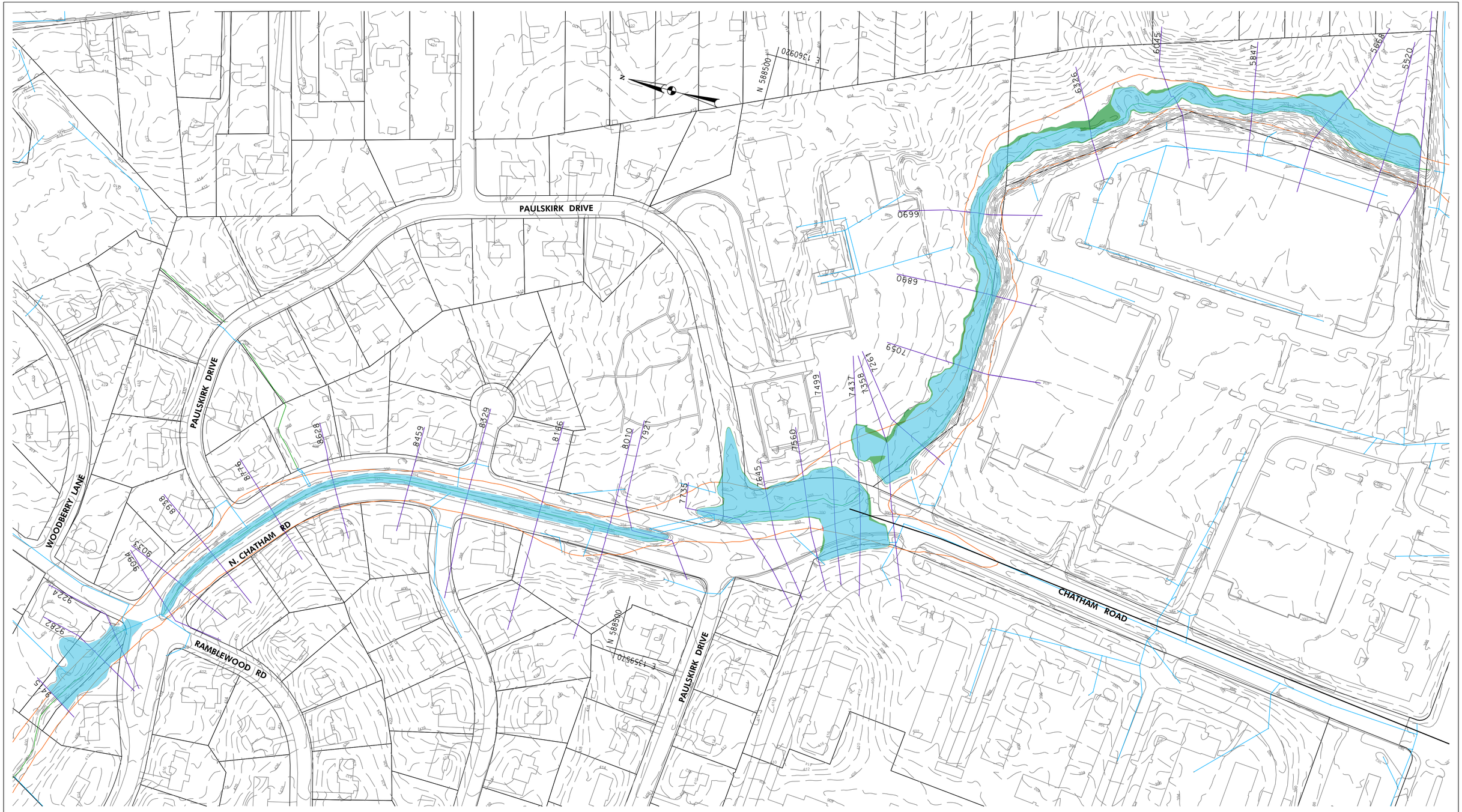
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–09

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Little Plumtree Branch
Option S



LEGEND

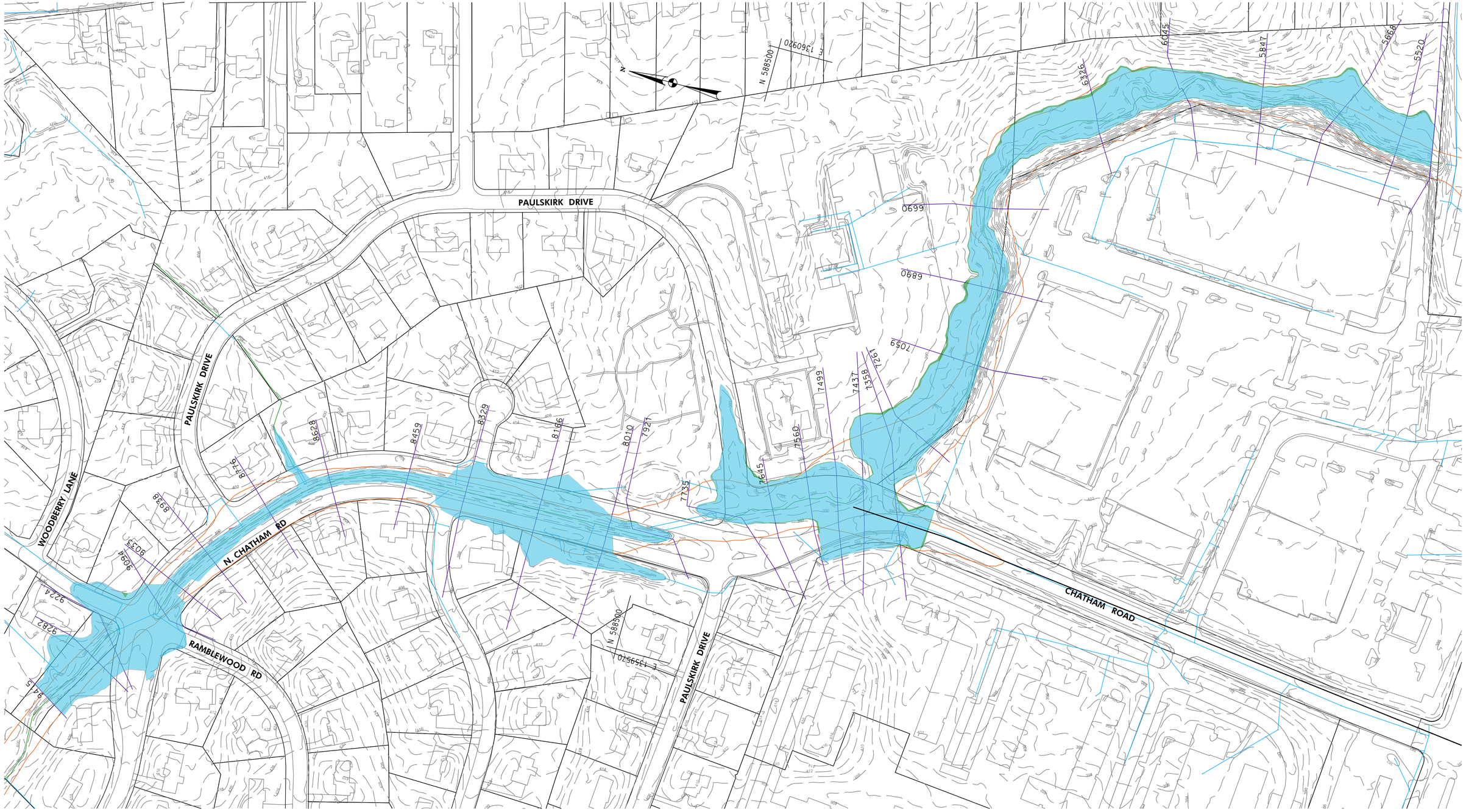
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–09

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Little Plumtree Branch
Option T



LEGEND

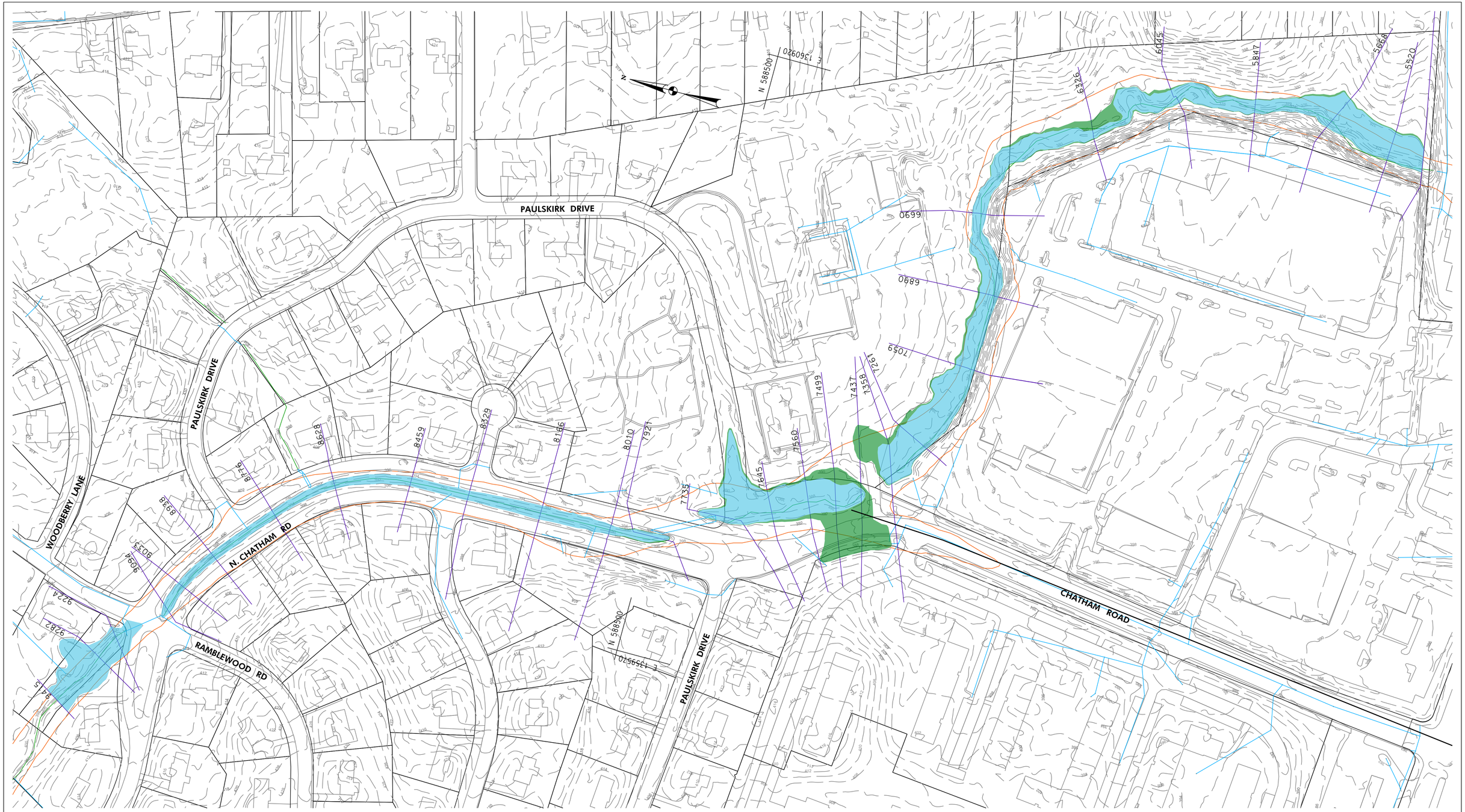
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC-RAS CROSS SECTION

FP-09

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Little Plumtree Branch
Option T



LEGEND

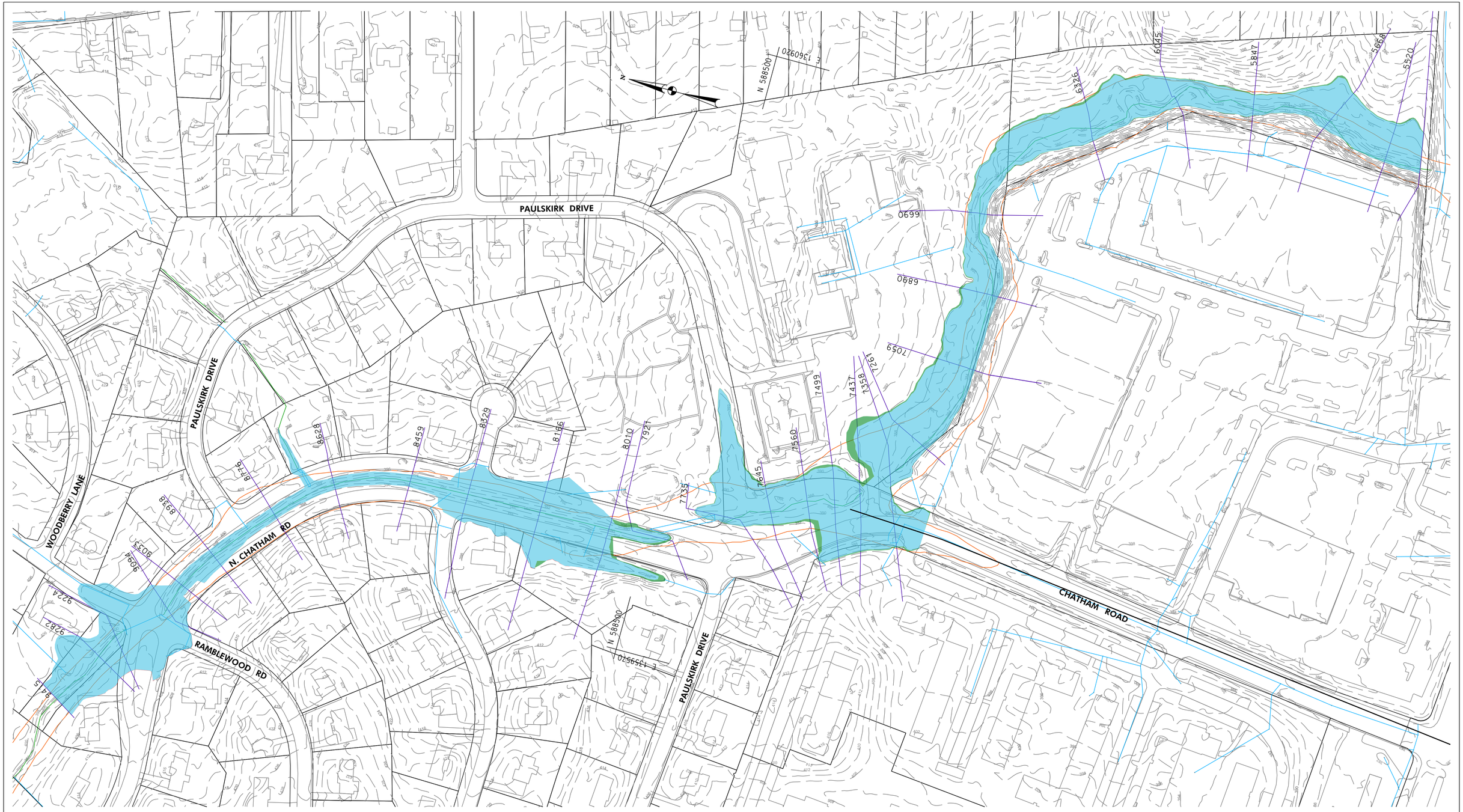
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–09

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Little Plumtree Branch
Option U



LEGEND

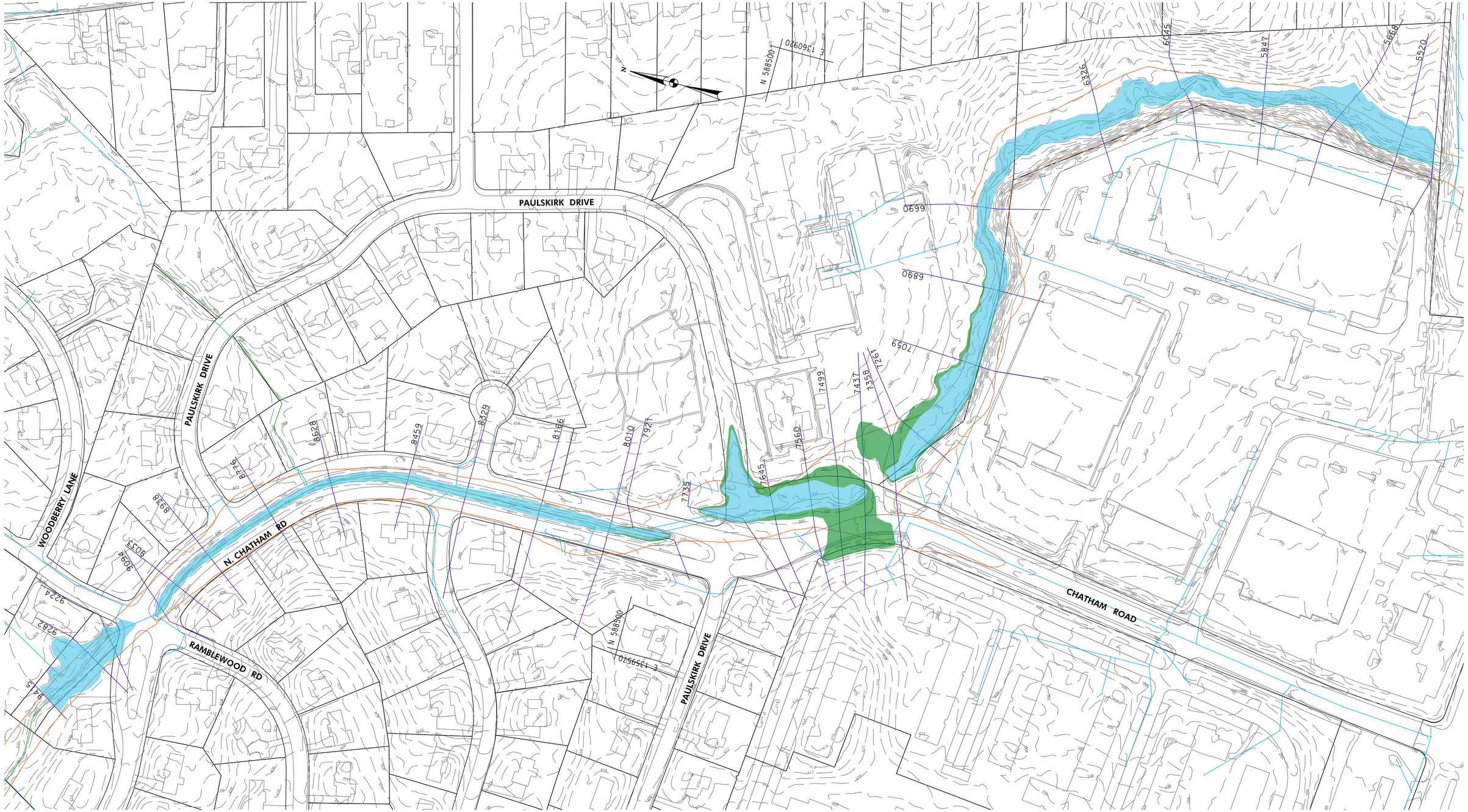
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–09

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Little Plumtree Branch
Option U



LEGEND

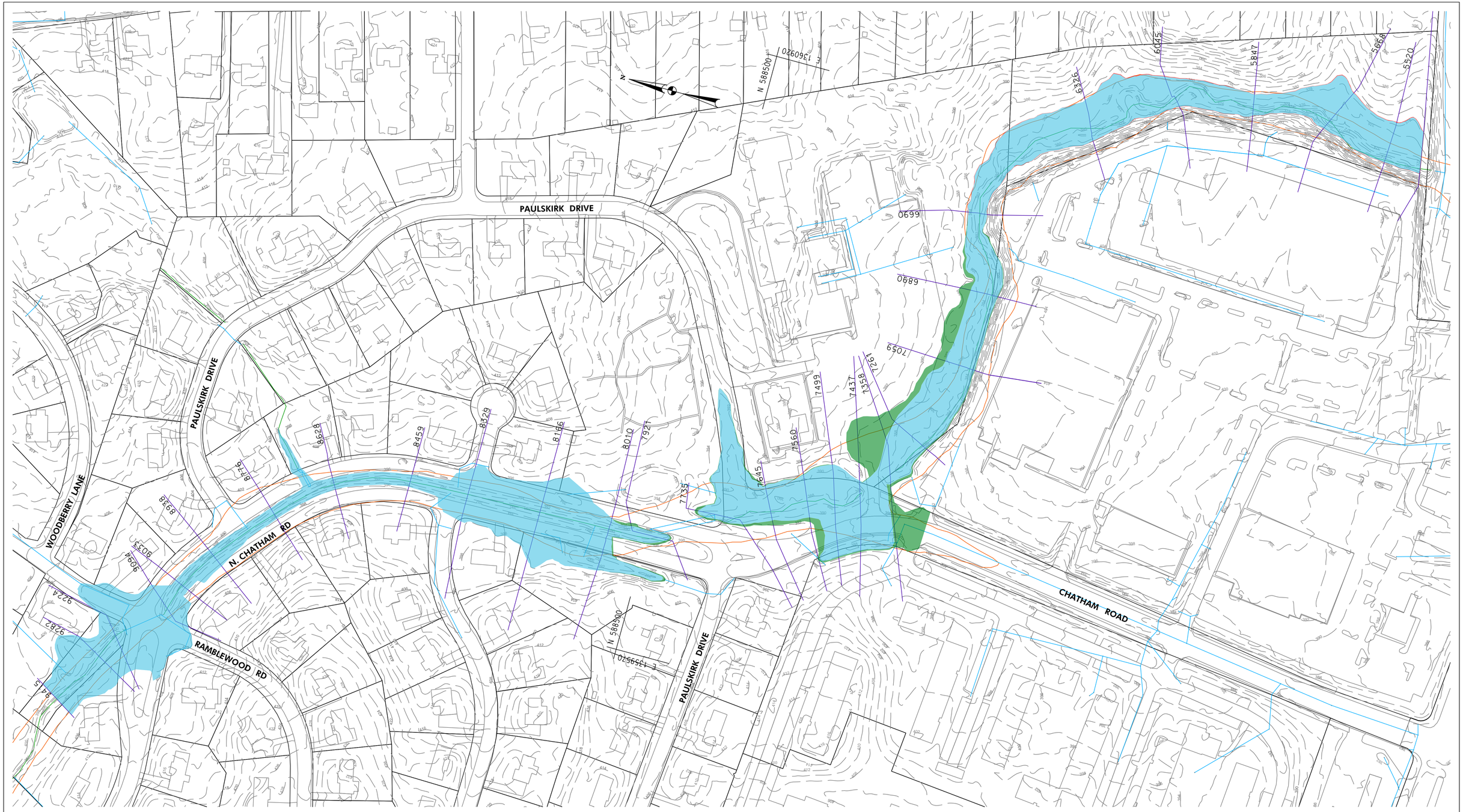
- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–09

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
10 Year Floodplain Little Plumtree Branch
Option V



LEGEND

- EXISTING AND PROPOSED FLOODPLAIN OVERLAP
- PROPOSED FLOODPLAIN DECREASE
- PROPOSED FLOODPLAIN INCREASE
- CHANNEL CENTERLINE (GIS)
- EXISTING FEMA FLOODPLAIN
- STORM DRAIN
- HEC–RAS CROSS SECTION

FP–09

100' 0 100' 200'

SCALE: 1" = 100'

Valley Mede Flood Study
100 Year Floodplain Little Plumtree Branch
Option V