

<ul style="list-style-type: none"> Forest Conservation Easement Overhead wire Ex. Chainlink Fence Ex. Wood Fence Ex. Gas line Ex. Sewer Easement Ex. Water Main Ex. Sewer line Wetland Boundary Wetland Buffer Boundary Property Line LOD Existing Contour Ex. 100 year Floodplain Ex. Stream Aerial Tree Canopy Gas valve Light pole Stormdrain manhole Sewer manhole Utility pole 	<ul style="list-style-type: none"> Water meter Water manhole Water valve Fire hydrant Ex. Trees < 24" (for informational purposes) Ex. Significant Tree (24" or Greater) Tree To Be Removed Ex. Specimen Tree (30" or Greater) Greater than or within 75% of State or County Champion trees Stabilized Construction Entrance Proposed Cross Vane Proposed J-Hook Proposed Log Boulder J-Hook 	<ul style="list-style-type: none"> Proposed Toe Wood Proposed Constructed Riffle Proposed ECM Proposed Step-pool Proposed Contours Proposed Stream Center Line Proposed Bankfull Proposed Top of Bank Utility / Public R.O.W. Sewer Easement
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PLAN VIEW LEGEND

Best Management Practices for Working in Nontidal Wetlands and Buffers, Waterways, and 100-year Floodplain

- No excess fill, construction or debris are to be stockpiled or stored in the wetlands or buffers.
- Place materials in a location and manner which does not adversely impact surface or subsurface water flow into or out of the nontidal wetland or buffer.
- Do not use the excavated material as backfill if it contains waste metal products, unsightly debris, toxic material or any other deleterious substance. If additional backfill is required, use clean material free of waste metal products, unsightly debris, toxic material or any other deleterious substance.
- Place heavy equipment on mats, or suitably operate the equipment to prevent damage to the nontidal wetland or buffer.
- Repair and maintain any serviceable structure or fill so there is no permanent loss of nontidal wetland and buffer in excess of nontidal wetland and buffer lost under the original structure or fill.
- Conduct the activity so as not to cause or contribute to a degradation of water quality as determined by the Maryland Department of the Environment.
- All stabilization in the wetland and buffer shall be of the following recommended species: Annual Rye grass (*Lolium multiflorum*), Millet (*Setaria italica*), Barley (*Hordeum sp.*) Rye (*Secale cereale*), Virginia Rye (native/wet soils), Bottlebrush grass, River Oats (*Chasmanthium latifolium*) and/or Oats (*Unniola sp.*). These species will allow for the stabilization of the site, while also allowing for the voluntary revegetation of natural wetland species. Other non-persistent vegetation may be acceptable, but must be approved by MDE Nontidal Wetlands and Waterways Division. Kentucky 31 shall not be utilized in the wetland or buffer areas. The area should be seeded and mulched to reduce erosion after construction activities have been completed.
- To protect important aquatic species, in-stream work is prohibited as determined by the classification of the stream as follows:
 - Class III Waters. In-stream work may not be conducted during the period October 1 through April 30, inclusive, during any year.

CV	CROSS VANE
G	GLIDE
LBHJ	LOG BOULDER J-HOOK
JH	BOULDER J-HOOK
LEW	LEFT EDGE OF WATER
P	POOL
R	RIFLE
REW	RIGHT EDGE OF WATER
RU	RUN
SC	STABILIZED CONSTRUCTION ENTRANCE
SCE	REFERS TO TRIBUTARY (TCV, TR, SP, TJH)



Prepared for:
Montgomery County Department of
Environmental Protection
255 Rockville Pike, Suite 120
Rockville, Maryland 20850
Phone: (240) 777-7713
Attn: Mr. Craig Carson

MONTGOMERY COUNTY, MD
Hollywood Branch
MNCPPC
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Hollywood Branch Stream Stabilization
60% PLAN VIEW

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STREAM RESTORATION • STORMWATER MANAGEMENT • INSPECTION
910 CLOPPER ROAD, STE 215N GAITHERSBURG MARYLAND 20878
Phone: (301) 208-9575 E-mail: env@cpja.com Fax: (301) 926-4551
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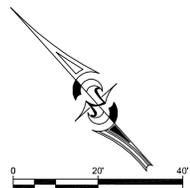
SCALE AS SHOWN
SHEET 2 OF 45 SHEETS
JOB NO. 38-507

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 Plot Name: P:\Projects\2009\2009-04-12\2009-04-12.dwg

PLAN VIEW LEGEND

- SCE — Forest Conservation Easement
- OW — Overhead wire
- X — Ex. Chainlink Fence
- W — Ex. Wood Fence
- G — Ex. Gas line
- S — Ex. Sewer Easement
- W — Ex. Water Main
- SS — Ex. Sewer line
- WL — Wetland Boundary
- WB — Wetland Buffer Boundary
- — Property Line
- LOD — LOD
- — Existing Contour
- FP — Ex. 100 year Floodplain
- — Ex. Stream
- — Aerial Tree Canopy
- Gas valve
- Light pole
- Stormdrain manhole
- Sewer manhole
- Utility pole
- Water meter
- Water manhole
- Water valve
- Fire hydrant
- Ex. Trees < 24" (for informational purposes)
- Ex. Significant Tree (24" or Greater)
- Tree To Be Removed
- Ex. Specimen Tree (30" or Greater)
- Greater than or within 75% of State or County Champion trees
- SCE → Stabilized Construction Entrance
- Proposed Cross Vane
- Proposed J-Hook
- Proposed Log Boulder J-Hook
- Proposed Toe Wood
- Proposed Constructed Riffle
- Proposed ECM
- Proposed Step-pool
- Proposed Contours
- Proposed Stream Center Line
- Proposed Bankfull
- Proposed Top of Bank
- Utility / Public R.O.W.
- Sewer Easement

LIST OF ABBREVIATIONS	
CV	CROSS VANE
G	GLIDE
LBHJ	LOG BOULDER J-HOOK
JH	BOULDER J-HOOK
LEW	LEFT EDGE OF WATER
P	POOL
R	RIFFLE
REW	RIGHT EDGE OF WATER
RU	RUN
SCE	STABILIZED CONSTRUCTION ENTRANCE
T	REFERS TO TRIBUTARY (TCV, TR, TSP, TJH)



MATCH LINE SEE SHEET 5

Prepared for:
Montgomery County Department of
Environmental Protection
255 Rockville Pike, Suite 120
Rockville, Maryland 20850
Phone: (240) 777-7713
Attn: Mr. Craig Carson

MONTGOMERY COUNTY, MD
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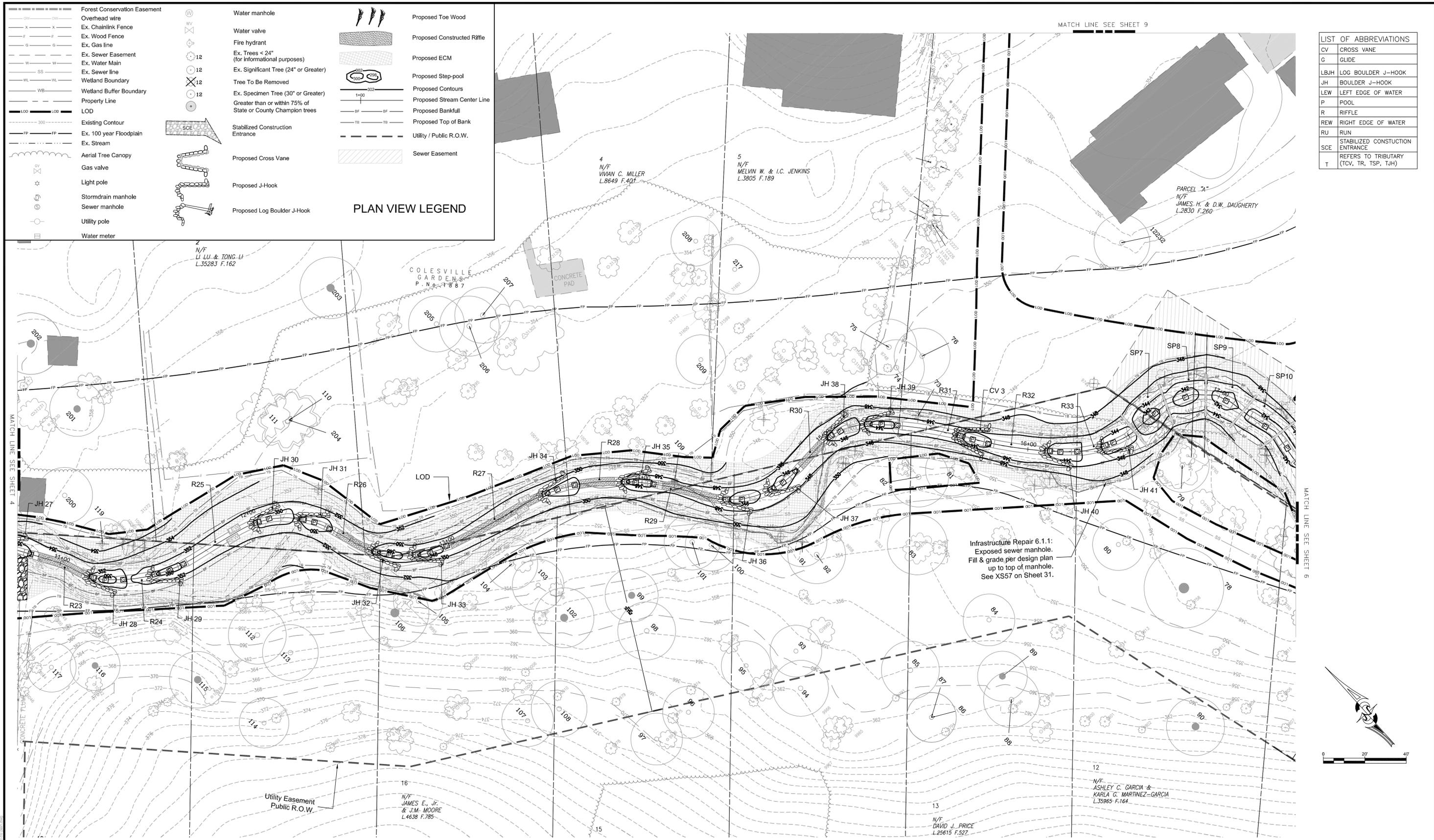
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STREAM RESTORATION • STORMWATER MANAGEMENT • INSPECTION
910 CLOPPER ROAD, STE 215N GAITHERSBURG MARYLAND 20878
Phone: (301) 208-9575 E-mail: env@cpja.com Fax: (301) 926-4551
SILVER SPRING, MD FREDERICK, MD FAIRFAX, VA

SCALE AS SHOWN
SHEET 4
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JOB NO. 38-507

—○—○—	Forest Conservation Easement	⊗	Water manhole		Proposed Toe Wood
—X—X—	Overhead wire	⊗	Water valve		Proposed Constructed Riffle
—#—#—	Ex. Chainlink Fence	⊗	Fire hydrant		Proposed ECM
—G—G—	Ex. Wood Fence	⊗	Ex. Trees < 24" (for informational purposes)		Proposed Step-pool
—W—W—	Ex. Gas line	⊗	Ex. Significant Tree (24" or Greater)		Proposed Contours
—SS—SS—	Ex. Sewer Easement	⊗	Tree To Be Removed		Proposed Stream Center Line
—W—W—	Ex. Water Main	⊗	Ex. Specimen Tree (30" or Greater)		Proposed Bankfull
—SS—SS—	Ex. Sewer line	⊗	Greater than or within 75% of State or County Champion trees		Proposed Top of Bank
—VL—VL—	Welland Boundary	⊗	Stabilized Construction Entrance	---	Utility / Public R.O.W.
—WB—WB—	Welland Buffer Boundary	⊗	Proposed Cross Vane	---	Sewer Easement
---	Property Line	⊗	Proposed J-Hook		
---	LOD	⊗	Proposed Log Boulder J-Hook		
---	Existing Contour	⊗			
---	Ex. 100 year Floodplain	⊗			
---	Ex. Stream	⊗			
	Aerial Tree Canopy	⊗			
	Gas valve	⊗			
	Light pole	⊗			
	Stormdrain manhole	⊗			
	Sewer manhole	⊗			
	Utility pole	⊗			
	Water meter	⊗			

PLAN VIEW LEGEND

LIST OF ABBREVIATIONS	
CV	CROSS VANE
G	GLIDE
LB/JH	LOG BOULDER J-HOOK
JH	BOULDER J-HOOK
LEW	LEFT EDGE OF WATER
P	POOL
R	RIFFLE
REW	RIGHT EDGE OF WATER
RUN	RUN
SCE	STABILIZED CONSTRUCTION ENTRANCE
T	REFERS TO TRIBUTARY (TCV, TR, TSP, TJH)



Prepared for:
 Montgomery County Department of
 Environmental Protection
 255 Rockville Pike, Suite 120
 Rockville, Maryland 20850
 Phone: (240) 777-7713
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Hollywood Branch Stream Stabilization
 60% PLAN VIEW

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 910 CLOPPER ROAD, STE 215N GAITHERSBURG MARYLAND 20878
 Phone: (301) 208-9575 E-mail: env@cpja.com Fax: (301) 926-4551
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SCALE	AS SHOWN
SHEET	5
OF 45 SHEETS	
JOB NO.	38-507

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 Project: Hollywood Branch Stream Stabilization

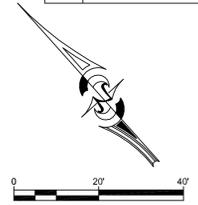


PLAN VIEW LEGEND

- Forest Conservation Easement
- Overhead wire
- x-x- Ex. Chainlink Fence
- #-#- Ex. Wood Fence
- G-G- Ex. Gas line
- W-W- Ex. Sewer Easement
- SS- Ex. Water Main
- WL-WL- Ex. Sewer line
- WB- Wetland Boundary
- WB- Wetland Buffer Boundary
- - - Property Line
- LOD
- Existing Contour
- FP-FP- Ex. 100 year Floodplain
- - - Ex. Stream
- Aerial Tree Canopy
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- ☆ Light pole
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- Proposed Bankfull
- Proposed Top of Bank
- Utility / Public R.O.W.
- Sewer Easement

LIST OF ABBREVIATIONS

CV	CROSS VANE
G	GLIDE
LB/JH	LOG BOULDER J-HOOK
JH	BOULDER J-HOOK
LEW	LEFT EDGE OF WATER
P	POOL
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Prepared for:
 Montgomery County Department of
 Environmental Protection
 255 Rockville Pike, Suite 120
 Rockville, Maryland 20850
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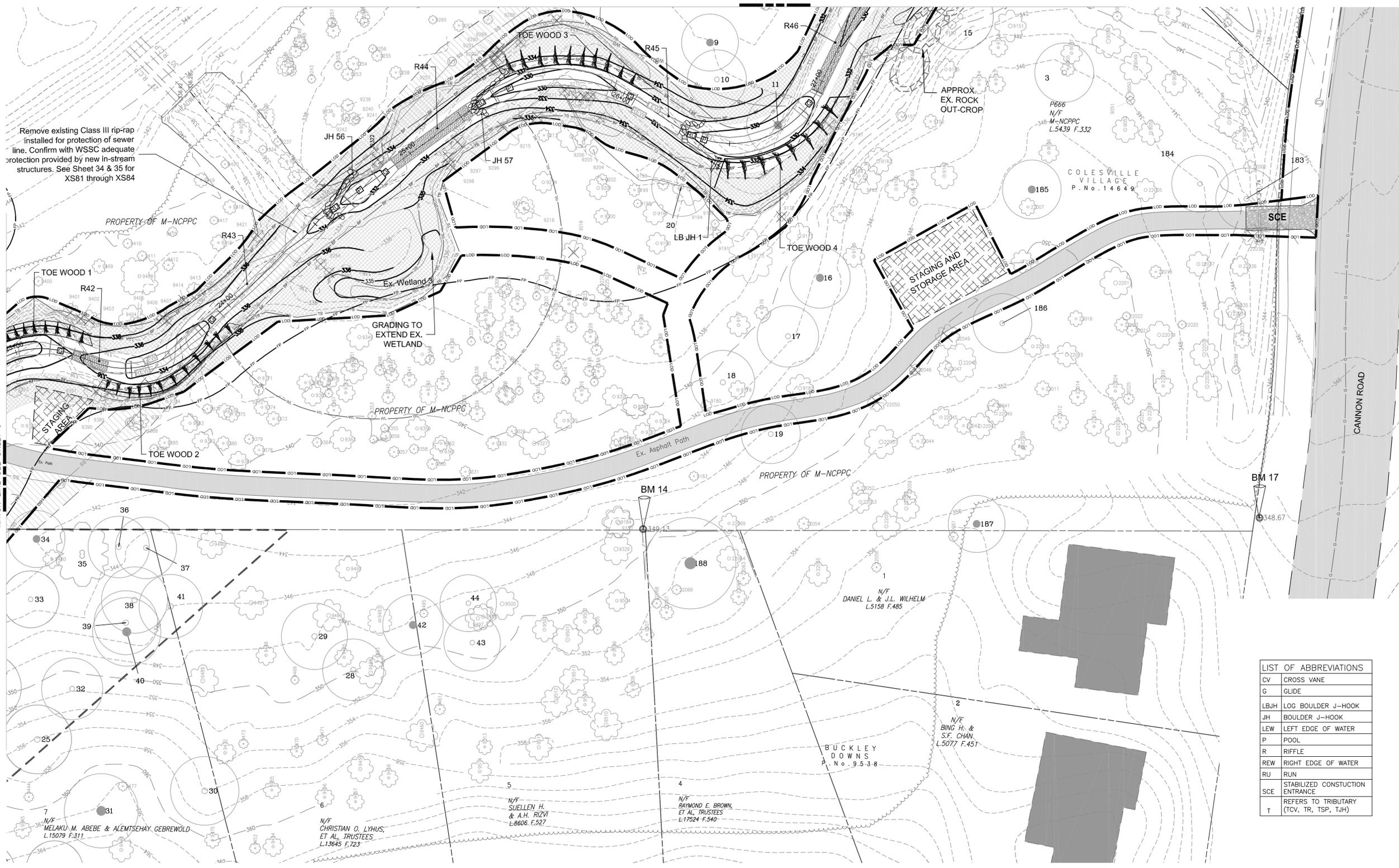
Hollywood Branch Stream Stabilization
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 910 CLOPPER ROAD, STE 215N GAITHERSBURG MARYLAND 20878
 Phone: (301) 208-9575 E-mail: env@cpja.com Fax: (301) 926-4551
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 JOB NO.
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MATCH LINE SEE SHEET 8

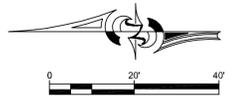


PLAN VIEW LEGEND

- Forest Conservation Easement
- Overhead wire
- Ex. Chainlink Fence
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- Ex. Gas line
- Ex. Sewer Easement
- Ex. Water Main
- Ex. Sewer line
- Wetland Boundary
- Wetland Buffer Boundary
- Property Line
- LOD
- Existing Contour
- Ex. 100 year Floodplain
- Ex. Stream
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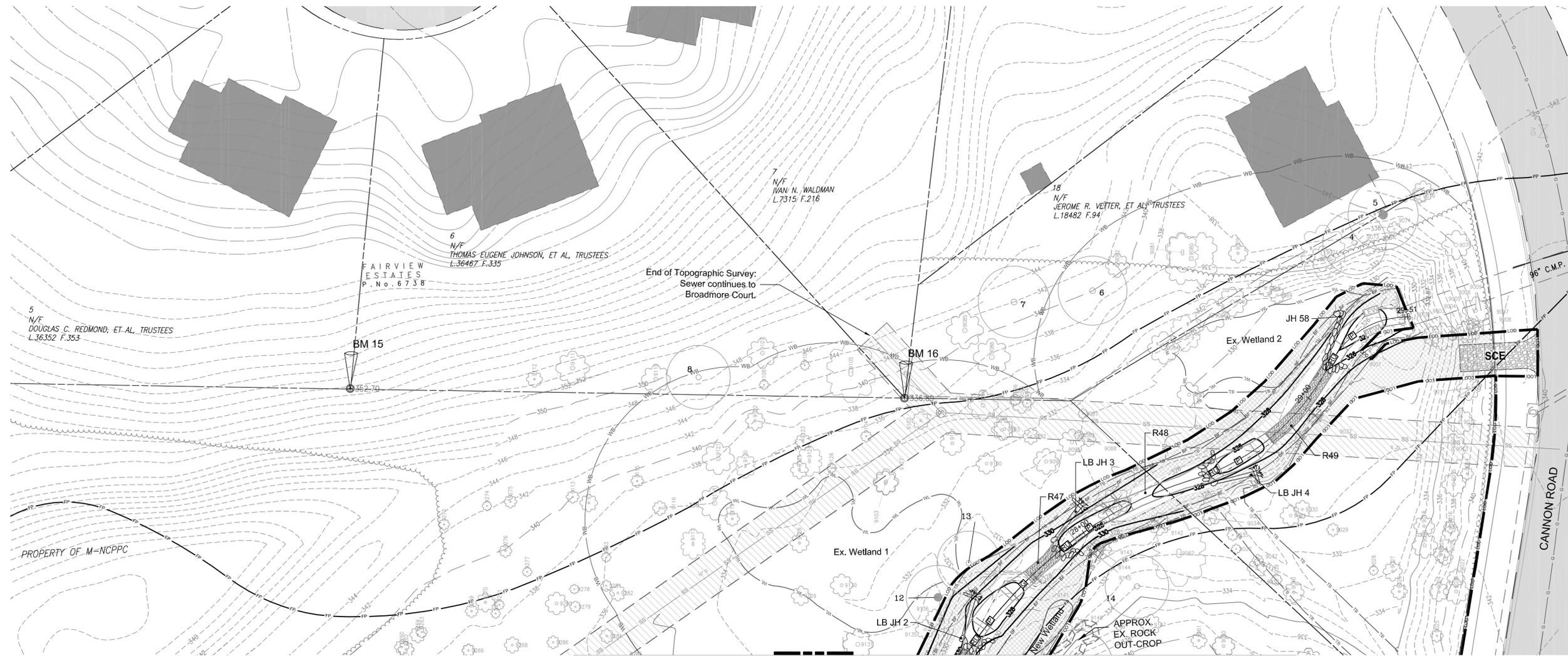
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SHEET
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JOB NO.
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PLAN VIEW LEGEND

LIST OF ABBREVIATIONS	
CV	CROSS VANE
G	GLIDE
LBJH	LOG BOULDER J-HOOK
JH	BOULDER J-HOOK
LEW	LEFT EDGE OF WATER
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- Proposed Top of Bank
- Utility / Public R.O.W.
- Sewer Easement



MATCH LINE SEE SHEET 7

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 Environmental Protection
 255 Rockville Pike, Suite 120
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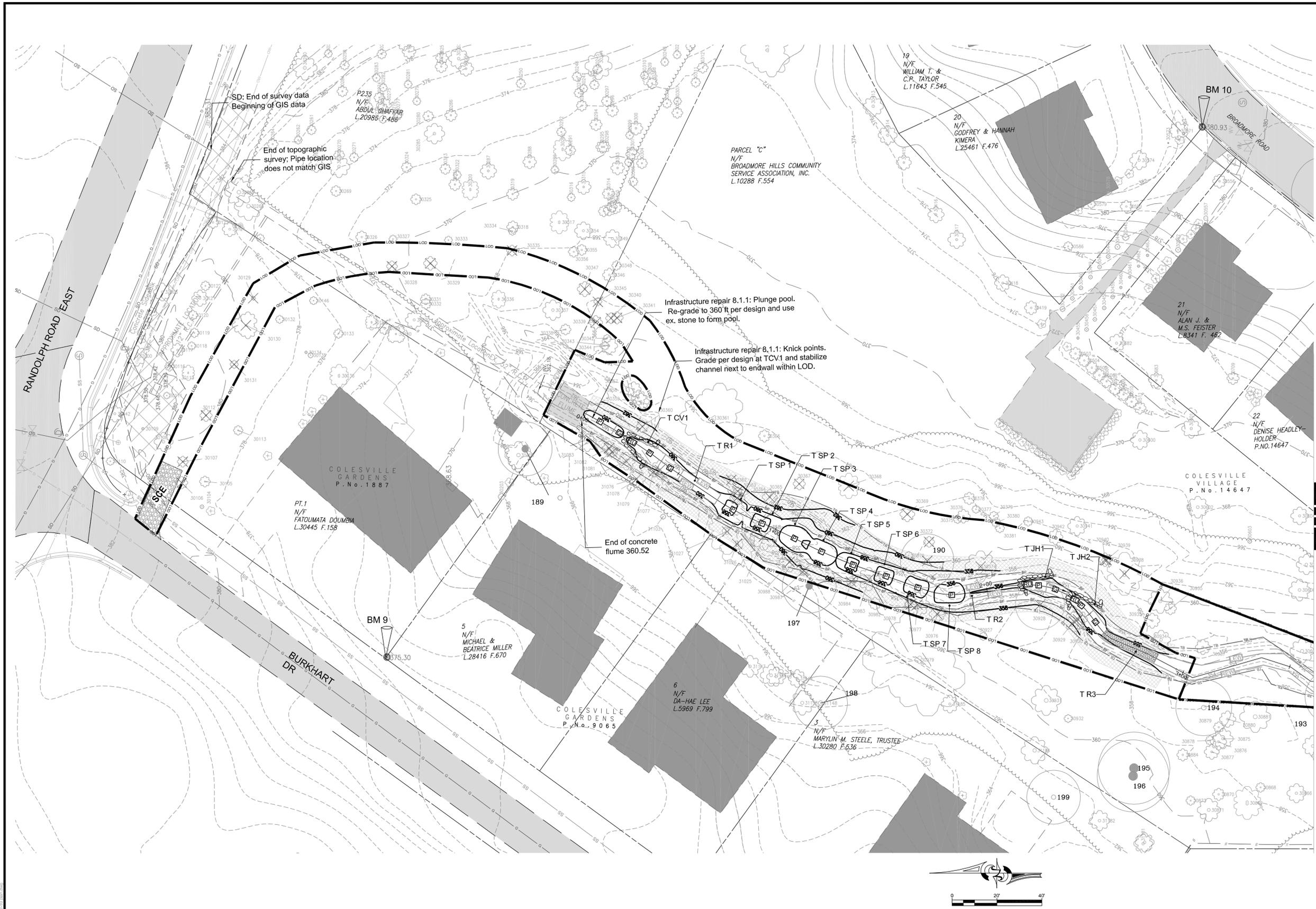
Hollywood Branch Stream Stabilization
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SCALE AS SHOWN
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April 05, 2012 1:10:42 PM
 Plotfile: F:\Projects\2012\Hollywood Branch Stream Stabilization\60% Plan View.dwg



PLAN VIEW LEGEND

	Forest Conservation Easement
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LIST OF ABBREVIATIONS

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SCALE
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