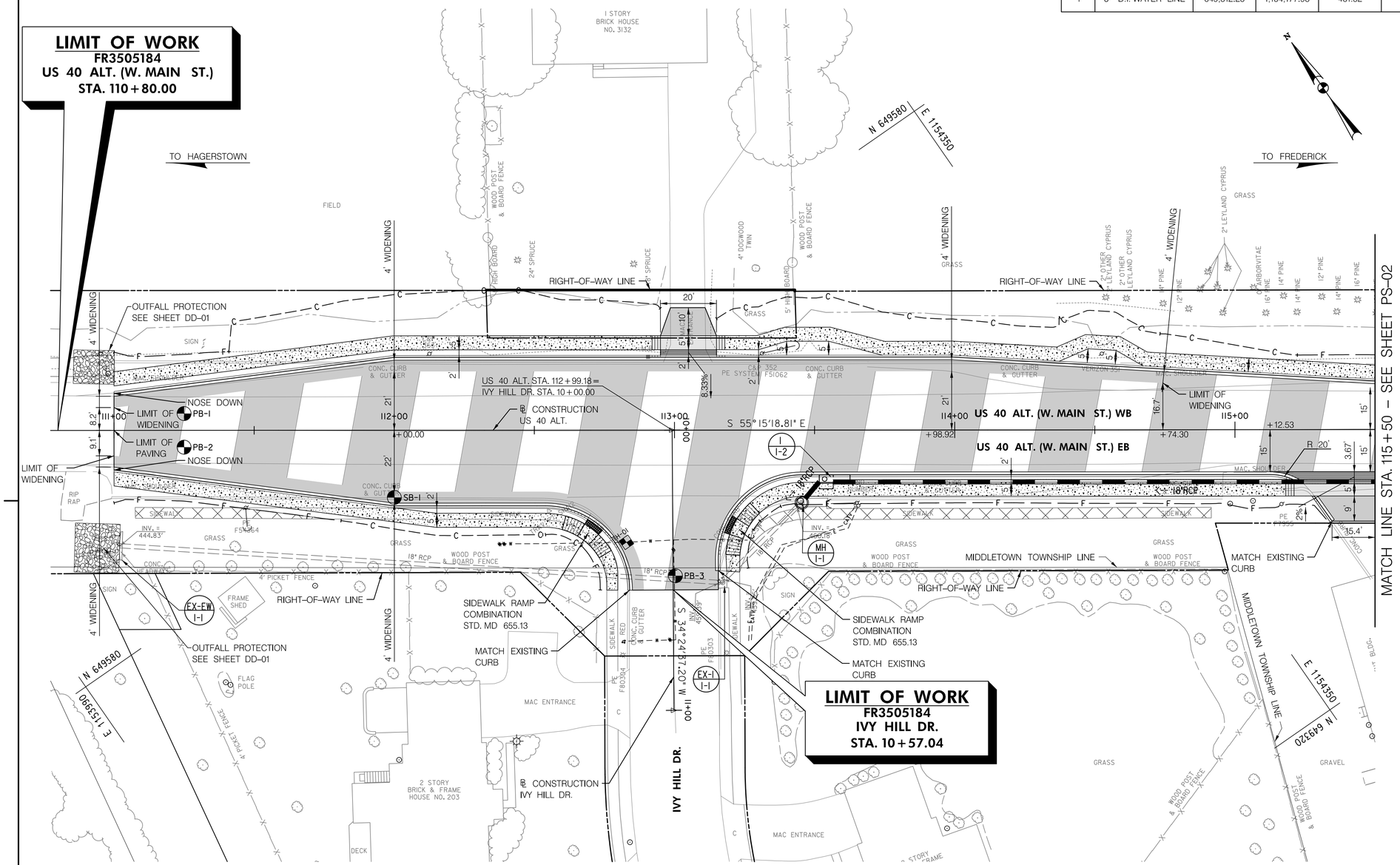
TEST HOLE DATA					
NO.	UTILITY	NORTHING	EASTING	TOP UTILITY ELEVATION	SURFACE ELEVATION
1	8" D.I. WATER LINE	649,512.25	1,154,177.93	461.52	465.06



SCALE: 1" = 20'

ROADWAY LEGEND

- PROFILE MODIFICATION (SEE GT-01 FOR DETAIL)
- BASE WIDENING/DRIVEWAY ENTRANCE - ASPHALT (SEE GT-01/02 FOR DETAILS)
- GRINDING & RESURFACING (SEE GT-01 FOR DETAIL)
- DRIVEWAY ENTRANCE - PORTLAND CEMENT CONCRETE (SEE GT-02 FOR DETAIL)
- EXISTING SIDEWALK/PAVEMENT REMOVAL
- CONCRETE SIDEWALK
- DETECTABLE WARNING SURFACE (STD. MD 655.40)

R / W PLAT NUMBER

CROSS REFERENCE

ITEM	SHEET NOs.
TYPICAL SECTIONS	4–8
PAVEMENT DETAILS SHEET	9–10
GEOMETRY SHEETS	13–17
INTERSECTION DETAIL SHEETS	18–36
ROADWAY PLAN SHEETS	37–62
ROADWAY PROFILE SHEETS	63–72
MAINTENANCE OF TRAFFIC PLANS	76–78
DRAINAGE PIPE PROFILES AND SCHEDULE	88–117
EROSION AND SEDIMENT CONTROL PLANS	118–145
LANDSCAPE ARCHITECTURE SHEETS	146–174
SIGNING AND PAVEMENT MARKING PLANS	195–223

REVISIONS

1 ADDENDUM NO. 1 4-28-2016

QUANTITY NOTES

GRINDING HOT MIX ASPHALT PAVEMENT 0 INCH TO 2 INCH	
1938 SY	US 40 ALT - STA. 111+00 TO STA. 115+50

REMOVAL OF EXISTING SIDEWALK	
3 CY	US 40 ALT - STA. 111+08 RT TO STA. 111+76 RT
10 CY	US 40 ALT - STA. 113+26 RT TO STA. 114+92 RT

STANDARD TYPE A COMBINATION CURB AND GUTTER 12 INCH GUTTER PAN 8 INCH MINIMUM DEPTH (STD. MD-620.02)	
452 LF	US 40 ALT - STA. 111+00 LT TO STA. 115+50 LT
202 LF	US 40 ALT - STA. 111+00 RT TO STA. 112+84 RT
241 LF	US 40 ALT - STA. 113+16 RT TO STA. 115+35 RT

5 INCH CONCRETE SIDEWALK	
2131 SF	US 40 ALT - STA. 111+00 LT TO STA. 115+50 LT
962 SF	US 40 ALT - STA. 111+00 RT TO STA. 112+80 RT
1079 SF	US 40 ALT - STA. 113+19 RT TO STA. 115+50 RT

DETECTABLE WARNING SURFACE FOR CURB RAMPS (STD. MD-655.40)	
13 SF	US 40 ALT - STA. 112+72 RT
13 SF	US 40 ALT - STA. 113+20 RT

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
COMMUNITY DESIGN DIVISION

US 40 ALT. (MAIN STREET)
IVY HILL DRIVE TO MIDDLETOWN PARKWAY
URBAN RECONSTRUCTION

ROADWAY PLAN SHEET

SCALE 1" = 20' ADVERTISED DATE 02/23/2016 CONTRACT NO. FR3505184

DESIGNED BY TCW
DRAWN BY TCW
CHECKED BY BDP
MDE / PRD 13-SF-0264

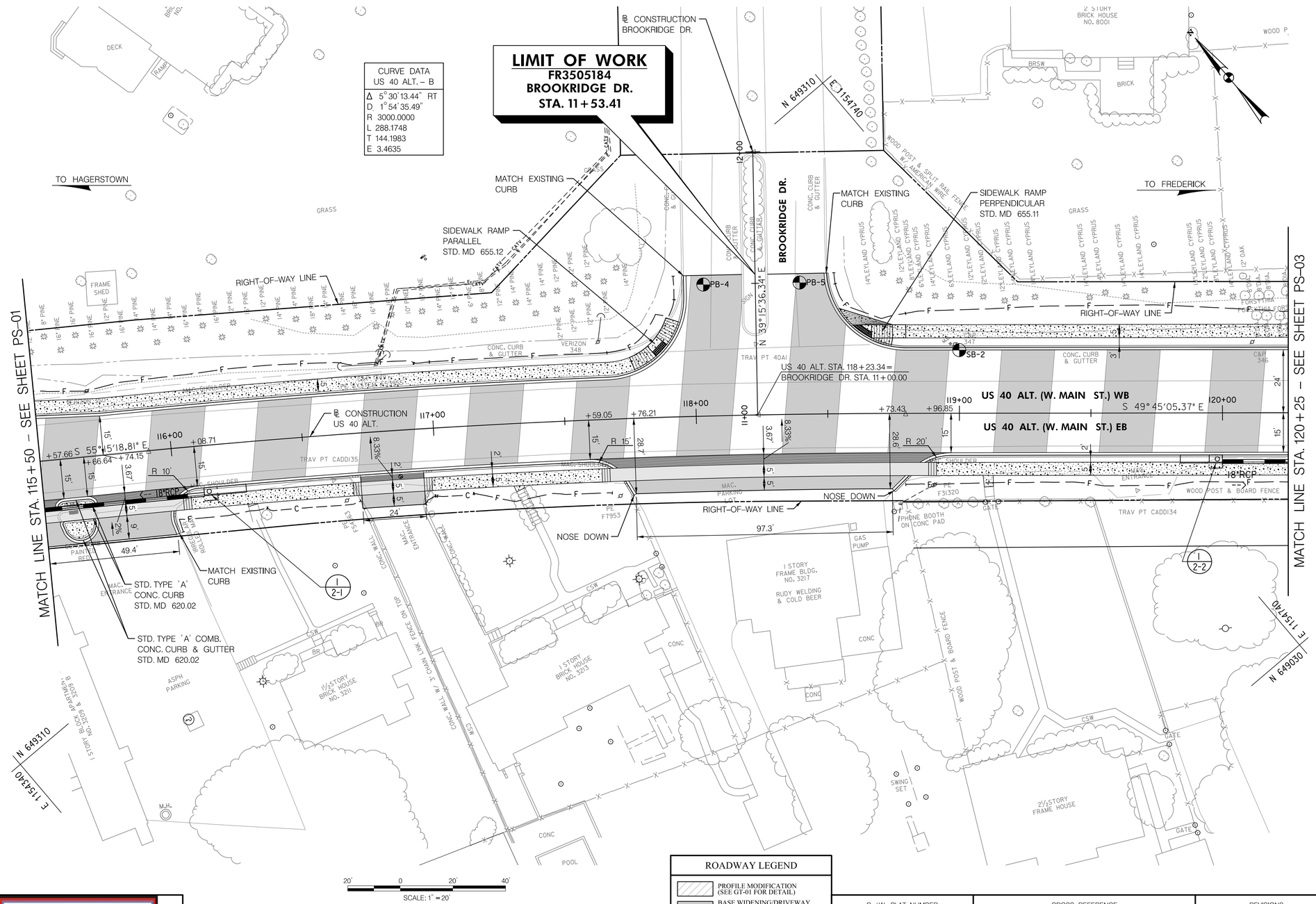
COUNTY FREDERICK
LOGMILE

DRAWING NO. PS-01 OF 26 SHEET NO. 37 OF 247

Gannett Fleming
KCI TECHNOLOGIES
In Joint Venture

BY: twilson

PLOTTED: Monday, April 25, 2016 AT 11:36 AM
FILE: c:\pwdata\gf-twilson\d0857394\prHD-P001_US40Alt.dgn



QUANTITY NOTES

GRINDING HOT MIX ASPHALT PAVEMENT 0 INCH TO 2 INCH	
2005 SY	US 40 ALT - STA. 115+50 TO STA. 120+25

STANDARD TYPE A COMBINATION CURB AND GUTTER 12 INCH GUTTER PAN 8 INCH MINIMUM DEPTH (STD. MD-620.02)	
272 LF	US 40 ALT - STA. 115+50 LT TO STA. 117+98 LT
42 LF	US 40 ALT - STA. 115+54 RT TO STA. 115+70 RT
182 LF	US 40 ALT - STA. 115+98 RT TO STA. 117+76 RT
191 LF	US 40 ALT - STA. 118+49 LT TO STA. 120+25 LT
147 LF	US 40 ALT - STA. 118+74 RT TO STA. 120+25 RT

STANDARD TYPE A CURB 8 INCH X 16 INCH MINIMUM (STD. MD-620.02)	
23 LF	US 40 ALT - STA. 115+56 RT TO STA. 115+68 RT

5 INCH CONCRETE SIDEWALK	
1254 SF	US 40 ALT - STA. 115+50 LT TO STA. 117+94 LT
1396 SF	US 40 ALT - STA. 115+50 RT TO STA. 120+25 RT
872 SF	US 40 ALT - STA. 180+54 LT TO STA. 120+25 LT

DETECTABLE WARNING SURFACE FOR CURB RAMPS (STD. MD-655.40)	
12 SF	US 40 ALT - STA. 117+87 LT
14 SF	US 40 ALT - STA. 118+64 LT

ROADWAY LEGEND

- PROFILE MODIFICATION (SEE GT-01 FOR DETAIL)
- BASE WIDENING/DRIVEWAY ENTRANCE - ASPHALT (SEE GT-01.02 FOR DETAILS)
- GRINDING & RESURFACING (SEE GT-01 FOR DETAIL)
- DRIVEWAY ENTRANCE - PORTLAND CEMENT CONCRETE (SEE GT-02 FOR DETAIL)
- EXISTING SIDEWALK/PAVEMENT REMOVAL
- CONCRETE SIDEWALK
- DETECTABLE WARNING SURFACE (STD. MD 655.40)

R / W PLAT NUMBER

CROSS REFERENCE

ITEM	SHEET NOs.
TYPICAL SECTIONS	4–8
PAVEMENT DETAILS SHEET	9–10
GEOMETRY SHEETS	13–17
INTERSECTION DETAIL SHEETS	18–36
ROADWAY PLAN SHEETS	37–62
ROADWAY PROFILE SHEETS	63–72
MAINTENANCE OF TRAFFIC PLANS	76–78
DRAINAGE PIPE PROFILES AND SCHEDULE	88–117
EROSION AND SEDIMENT CONTROL PLANS	118–145
LANDSCAPE ARCHITECTURE SHEETS	146–174
SIGNING AND PAVEMENT MARKING PLANS	195–223

REVISIONS

1 ADDENDUM NO. 1 4-28-2016

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
COMMUNITY DESIGN DIVISION

US 40 ALT. (MAIN STREET)
IVY HILL DRIVE TO MIDDLETOWN PARKWAY
URBAN RECONSTRUCTION

ROADWAY PLAN SHEET

SCALE 1" = 20' ADVERTISED DATE 02/23/2016 CONTRACT NO. FR3505184

DESIGNED BY TCW
DRAWN BY TCW
CHECKED BY BDP
MDE / PRD 13-SF-0264

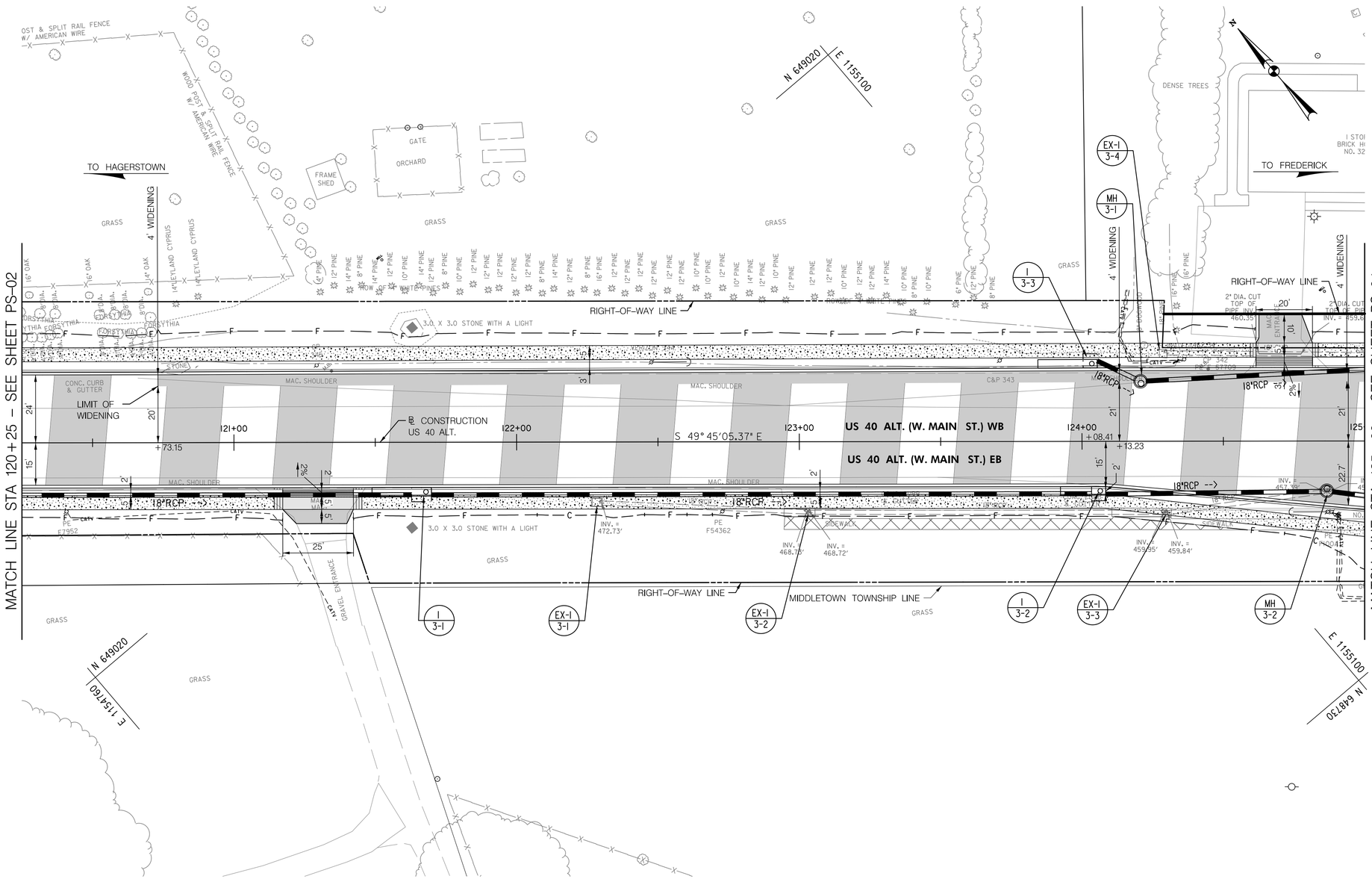
COUNTY FREDERICK
LOGMILE

DRAWING NO. PS – 02 OF 26 SHEET NO. 38 OF 247

Gannett Fleming
KCI TECHNOLOGIES
In Joint Venture

PLOTTED: Monday, April 25, 2016 AT 01:11 PM
FILE: c:\pwdata\gf-twilson\d0857394\pHD-P002_US40Alt.dgn

BY: twilson –



20' 0 20' 40'
SCALE: 1" = 20'

ROADWAY LEGEND

- PROFILE MODIFICATION (SEE GT-01 FOR DETAIL)
- BASE WIDENING/DRIVEWAY ENTRANCE - ASPHALT (SEE GT-01/02 FOR DETAILS)
- GRINDING & RESURFACING (SEE GT-01 FOR DETAIL)
- DRIVEWAY ENTRANCE - PORTLAND CEMENT CONCRETE (SEE GT-02 FOR DETAIL)
- EXISTING SIDEWALK/PAVEMENT REMOVAL
- CONCRETE SIDEWALK
- DETECTABLE WARNING SURFACE (STD. MD 655.40)

QUANTITY NOTES

GRINDING HOT MIX ASPHALT PAVEMENT 0 INCH TO 2 INCH

1939 SY	US 40 ALT - STA. 120+25 TO STA. 125+00

REMOVAL OF EXISTING SIDEWALK

9 CY	US 40 ALT - STA. 122+95 RT TO STA. 124+59 RT

STANDARD TYPE A COMBINATION CURB AND GUTTER 12 INCH GUTTER PAN 8 INCH MINIMUM DEPTH (STD. MD-620.02)

475 LF	US 40 ALT - STA. 120+25 RT TO STA. 125+00 RT
475 LF	US 40 ALT - STA. 120+25 LT TO STA. 125+00 LT

5 INCH CONCRETE SIDEWALK

2255 SF	US 40 ALT - STA. 120+25 LT TO STA. 125+00 LT
2223 SF	US 40 ALT - STA. 120+25 RT TO STA. 125+00 RT

FLOWABLE BACKFILL FOR PIPE ABANDONMENT

5 CY	US 40 ALT - STA. 122+30, 22 RT TO STA. 123+03, 25 RT (18" RCP)
8 CY	US 40 ALT - STA. 123+04, 25 RT TO STA. 124+29, 25 RT (18" RCP)
5 CY	US 40 ALT - STA. 124+31, 25 LT TO STA. 125+00, 30 LT (18" CMP)

BRICK MASONRY FOR MISCELLANEOUS STRUCTURES

0.1 CY	US 40 ALT - STA. 122+30, 22 RT (BULKHEAD 18" RCP)
0.1 CY	US 40 ALT - STA. 123+03, 25 RT (BULKHEAD 18" RCP)
0.1 CY	US 40 ALT - STA. 123+04, 25 RT (BULKHEAD 18" RCP)
0.1 CY	US 40 ALT - STA. 124+29, 25 RT (BULKHEAD 18" RCP)
0.1 CY	US 40 ALT - STA. 124+31, 25 LT (BULKHEAD 18" CMP)*

*SEE PS-04 FOR OTHER BULKHEAD END.

REMOVAL OF EXISTING MASONRY

2 CY	US 40 ALT - STA. 122+28, 21 RT	EX-1 3-1
2 CY	US 40 ALT - STA. 123+03, 25 RT	EX-1 3-2
2 CY	US 40 ALT - STA. 124+30, 25 RT	EX-1 3-3
2 CY	US 40 ALT - STA. 124+29, 31 LT	EX-1 3-4

REMOVAL OF EXISTING PIPE

56 LF	US 40 ALT - STA. 124+30, 25 RT TO STA. 124+86, 18 RT (18" RCP)

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
COMMUNITY DESIGN DIVISION

US 40 ALT. (MAIN STREET)
IVY HILL DRIVE TO MIDDLETOWN PARKWAY
URBAN RECONSTRUCTION

Gannett Fleming
KCI TECHNOLOGIES
In Joint Venture

R / W PLAT NUMBER

CROSS REFERENCE

ITEM	SHEET NOs.
TYPICAL SECTIONS	4–8
PAVEMENT DETAILS SHEET	9–10
GEOMETRY SHEETS	13–17
INTERSECTION DETAIL SHEETS	18–36
ROADWAY PLAN SHEETS	37–62
ROADWAY PROFILE SHEETS	63–72
MAINTENANCE OF TRAFFIC PLANS	76–78
DRAINAGE PIPE PROFILES AND SCHEDULE	88–117
EROSION AND SEDIMENT CONTROL PLANS	118–145
LANDSCAPE ARCHITECTURE SHEETS	146–174
SIGNING AND PAVEMENT MARKING PLANS	195–223

REVISIONS

1 ADDENDUM NO. 1 4-28-2016

ROADWAY PLAN SHEET

SCALE 1" = 20' ADVERTISED DATE 02/23/2016 CONTRACT NO. FR3505184

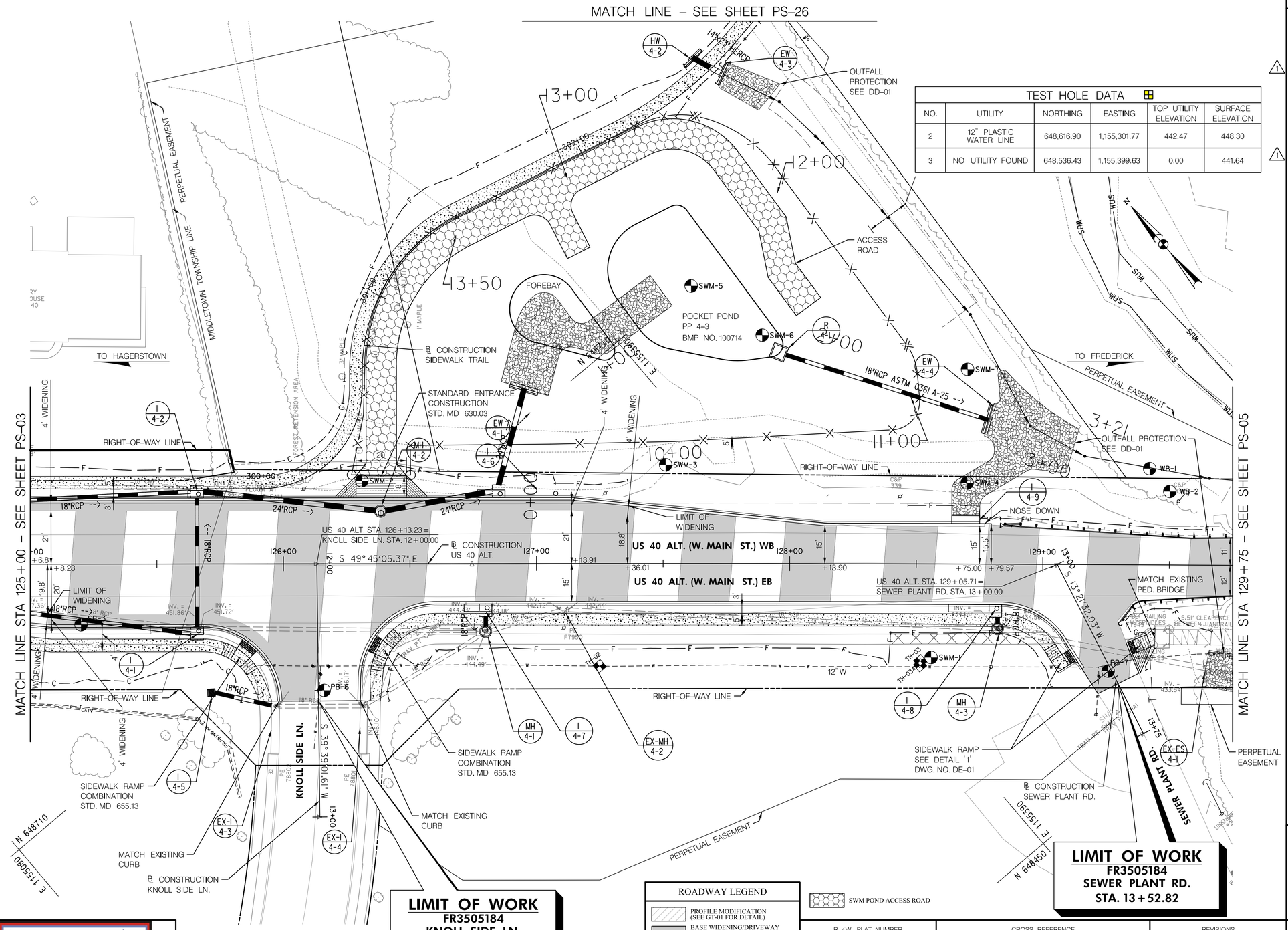
DESIGNED BY TCW
DRAWN BY TCW
CHECKED BY BDP
MDE / PRD 13-SF-0264

COUNTY FREDERICK
LOGMILE

DRAWING NO. PS-03 OF 26 SHEET NO. 39 OF 247

PLOTTED: Monday, April 25, 2016 AT 01:12 PM
FILE: c:\pwdata\gf-twilson\d0857394\pHD-P003_US40Alt.dgn

BY: twilson –



TEST HOLE DATA					
NO.	UTILITY	NORTHING	EASTING	TOP UTILITY ELEVATION	SURFACE ELEVATION
2	12" PLASTIC WATER LINE	648,616.90	1,155,301.77	442.47	448.30
3	NO UTILITY FOUND	648,536.43	1,155,399.63	0.00	441.64

LIMIT OF WORK
FR3505184
KNOLL SIDE LN.
STA. 12+54.24

LIMIT OF WORK
FR3505184
SEWER PLANT RD.
STA. 13+52.82

CLASS I-A EXCAVATION	
4 CY	US 40 ALT - STA. 127+04, 30 LT TO STA. 127+02, 60 LT (24" RCP)
8 CY	US 40 ALT - STA. 127+98, 83 LT TO STA. 128+78, 57 LT (18" RCP)

ROADWAY LEGEND

- PROFILE MODIFICATION (SEE GT-01 FOR DETAIL)
- BASE WIDENING/DRIVEWAY ENTRANCE - ASPHALT (SEE GT-01/02 FOR DETAILS)
- GRINDING & RESURFACING (SEE GT-01 FOR DETAIL)
- DRIVEWAY ENTRANCE - PORTLAND CEMENT CONCRETE (SEE GT-02 FOR DETAIL)
- EXISTING SIDEWALK/PAVEMENT REMOVAL
- CONCRETE SIDEWALK
- DETECTABLE WARNING SURFACE (STD. MD 655.40)
- SWM POND ACCESS ROAD

QUANTITY NOTES

GRINDING HOT MIX ASPHALT PAVEMENT 0 INCH TO 2 INCH	
2071 SY	US 40 ALT - STA. 125+00 TO STA. 129+75

STANDARD TYPE A COMBINATION CURB AND GUTTER 12 INCH GUTTER PAN 8 INCH MINIMUM DEPTH (STD. MD-620.02)	
115 LF	US 40 ALT - STA. 125+00 RT TO STA. 125+98 RT
376 LF	US 40 ALT - STA. 125+00 LT TO STA. 128+75 LT
321 LF	US 40 ALT - STA. 126+30 RT TO STA. 129+16 RT

STANDARD TYPE A CURB 8 INCH X 16 INCH MINIMUM (STD. MD-620.02)	
10 LF	US 40 ALT - STA. 129+06 RT TO STA. 129+15 RT
21 LF	US 40 ALT - STA. 129+33 RT TO STA. 129+41 RT

5 INCH CONCRETE SIDEWALK	
531 SF	US 40 ALT - STA. 125+00 RT TO STA. 125+91 RT
1710 SF	US 40 ALT - STA. 125+00 LT TO SIDEWALK TRAIL - STA. 302+05 LT
1513 SF	US 40 ALT - STA. 126+34 RT TO STA. 129+10 RT
77 SF	US 40 ALT - STA. 129+33 RT TO STA. 129+45 RT

DETECTABLE WARNING SURFACE FOR CURB RAMPS (STD. MD-655.40)	
14 SF	US 40 ALT - STA. 125+91 RT
13 SF	US 40 ALT - STA. 126+34 RT
10 SF	US 40 ALT - STA. 129+11 RT
10 SF	US 40 ALT - STA. 129+36 RT

TRAFFIC BARRIER W BEAM USING 6 FOOT POST	
40 LF	US 40 ALT - STA. 129+35 LT TO STA. 129+75 LT

TRAFFIC BARRIER W BEAM USING 8 FOOT POST	
41 LF	US 40 ALT - STA. 129+34 RT TO STA. 129+75 RT

TYPE C TRAFFIC BARRIER END TREATMENT (STD. MD-605.03)	
1 EA	US 40 ALT - STA. 128+83 LT TO STA. 129+35 LT

TYPE L TRAFFIC BARRIER ANCHORAGE USING OPTION 2 OR 3 (STD. MD-605.13)	
1 EA	US 40 ALT - STA. 129+30 RT

REMOVAL AND DISPOSAL OF EXISTING TRAFFIC BARRIER W BEAM	
89 LF	US 40 ALT - STA. 128+86 LT TO STA. 129+75 LT
44 LF	US 40 ALT - STA. 129+32 RT TO STA. 129+75 RT

FLOWABLE BACKFILL FOR PIPE ABANDONMENT	
5 CY	US 40 ALT - STA. 125+00, 30 LT TO STA. 125+80, 30 LT (18" CMP)
7 CY	US 40 ALT - STA. 125+67, 25 RT TO STA. 126+76, 27 RT (18" RCP)

BRICK MASONRY FOR MISCELLANEOUS STRUCTURES	
0.1 CY	US 40 ALT - STA. 125+80, 30 LT (BULKHEAD 18" CMP)* *SEE PS-03 FOR OTHER BULKHEAD END.
0.1 CY	US 40 ALT - STA. 125+67, 25 RT (BULKHEAD 18" RCP)
0.1 CY	US 40 ALT - STA. 126+76, 27 RT (BULKHEAD 18" RCP)

Gannett Fleming
KCI TECHNOLOGIES
In Joint Venture

R / W PLAT NUMBER

CROSS REFERENCE

ITEM	SHEET NOs.
TYPICAL SECTIONS	4-8
PAVEMENT DETAILS SHEET	9-10
GEOMETRY SHEETS	13-17
INTERSECTION DETAIL SHEETS	18-36
ROADWAY PLAN SHEETS	37-62
ROADWAY PROFILE SHEETS	63-72
MAINTENANCE OF TRAFFIC PLANS	76-78
DRAINAGE PIPE PROFILES AND SCHEDULE	88-117
EROSION AND SEDIMENT CONTROL PLANS	118-145
LANDSCAPE ARCHITECTURE SHEETS	146-174
SIGNING AND PAVEMENT MARKING PLANS	195-223

REVISIONS

1 ADDENDUM NO. 1 4-28-2016

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
COMMUNITY DESIGN DIVISION

US 40 ALT. (MAIN STREET)
IVY HILL DRIVE TO MIDDLETOWN PARKWAY
URBAN RECONSTRUCTION

ROADWAY PLAN SHEET

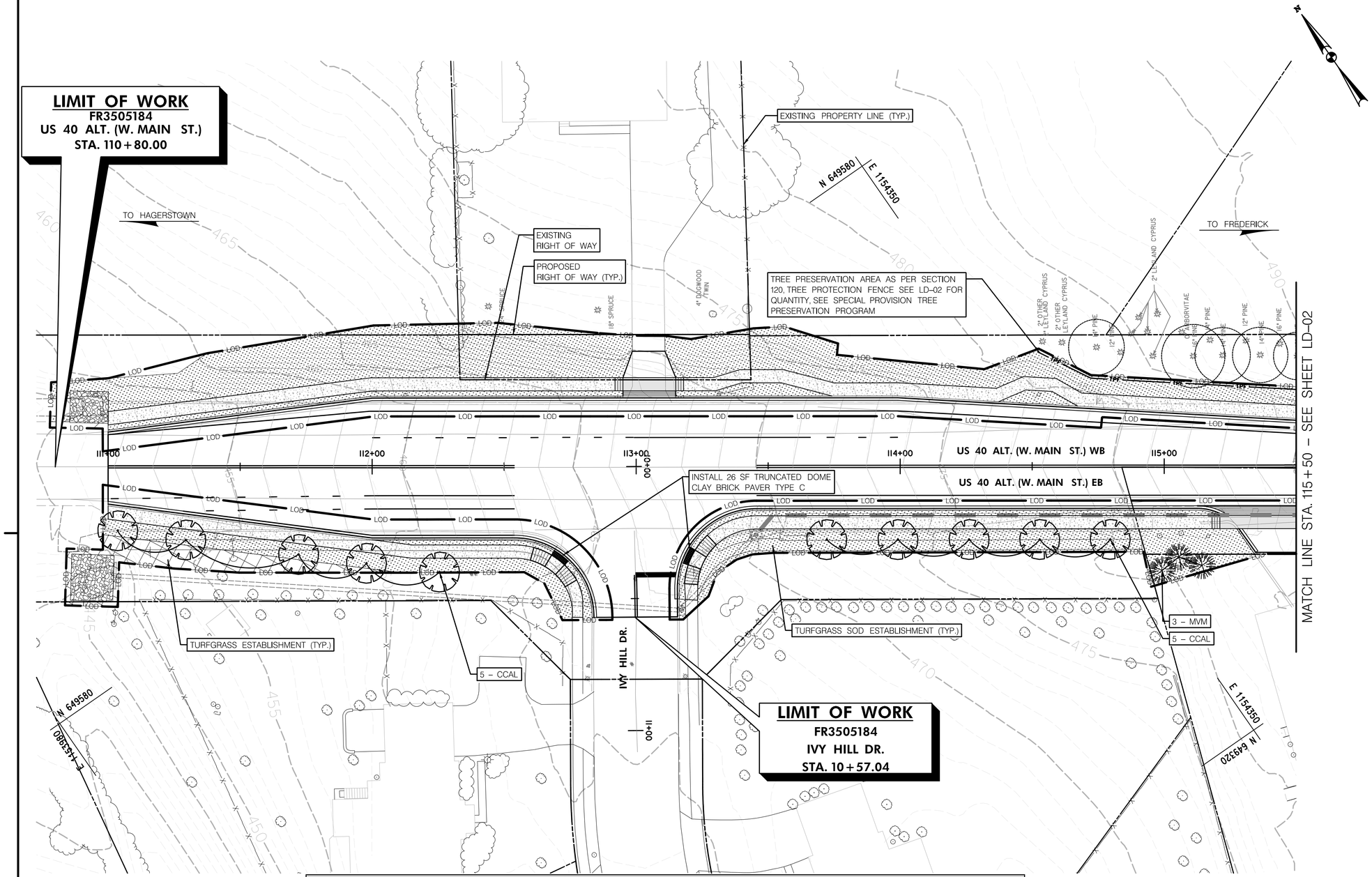
SCALE 1" = 20' ADVERTISED DATE 02/23/2016 CONTRACT NO. FR3505184

DESIGNED BY TCW
DRAWN BY TCW
CHECKED BY BDP
MDE / PRD 13-SF-0264
COUNTY FREDERICK
LOGMILE

DRAWING NO. PS-04 OF 26 SHEET NO. 40 OF 247

PLOTTED: Monday, April 25, 2016 AT 01:13 PM
FILE: c:\pwdata\gf-twilson\d0857394\pHD-P004_US40Alt.dgn

BY: twilson



20' 0 20' 40'
SCALE: 1" = 20'

PLANT SCHEDULE FOR LD-01 (THIS SHEET ONLY)					
Ornamental Tree					
Symbol	Quantity	Botanical Name	Common Name	Size	Note
CCAL	10	Cercis canadensis 'Alba'	Royal White Eastern Redbud	2" Cal.	Single-stem, B&B
MVM	3	Magnolia virginiana 'Moonglow'	Moonglow Sweetbay	8' Ht.	Multi-stem, B&B
MISC. ITEMS					
	1,168	Turfgrass Sod Establishment (SY)			
	122	Turfgrass Establishment (SY)			

1 PLANT SCHEDULE AND QUANTITIES

LANDSCAPE LEGEND

- EXISTING TREE
- CRITICAL ROOT ZONE
- PROPOSED SHRUB
- PROPOSED SHADE TREE
- PROPOSED EVERGREEN TREE
- PROPOSED ORNAMENTAL TREE
- LOWLAND MEADOW ESTABLISHMENT
- UPLAND MEADOW ESTABLISHMENT
- TURFGRASS ESTABLISHMENT
- TURFGRASS SOD ESTABLISHMENT
- EXISTING TRASH CAN TO BE RELOCATED AS NEEDED
- EXISTING / PROPOSED BENCH
- PROPOSED LOCATION FOR HANGING BASKET ON LIGHT POLE
- PROPOSED DECORATIVE CROSSWALK, SYNTHETIC HOT APPLIED STAMPED SURFACE
- PROPOSED BRICK PAVERS
- PROPOSED DECORATIVE INTERSECTION INFILL, SYNTHETIC HOT APPLIED STAMPED SURFACE
- PROPOSED CONCRETE SIDEWALK
- TPF — TEMPORARY ORANGE CONSTRUCTION FENCE (TOCF)
- EXISTING TREE TO BE REMOVED
- OLD NATIONAL PIKE MILESTONE
- LOD — LIMIT OF DISTURBANCE (LOD)
- PROPOSED PAVING

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
LANDSCAPE ARCHITECTURE DIVISION

US 40 ALT. (MAIN STREET)
IVY HILL DRIVE TO MIDDLETOWN PARKWAY
URBAN RECONSTRUCTION

REVISIONS

LANDSCAPE PLAN

SCALE 1" = 20' ADVERTISED DATE 02/23/2016 CONTRACT NO. FR3505184

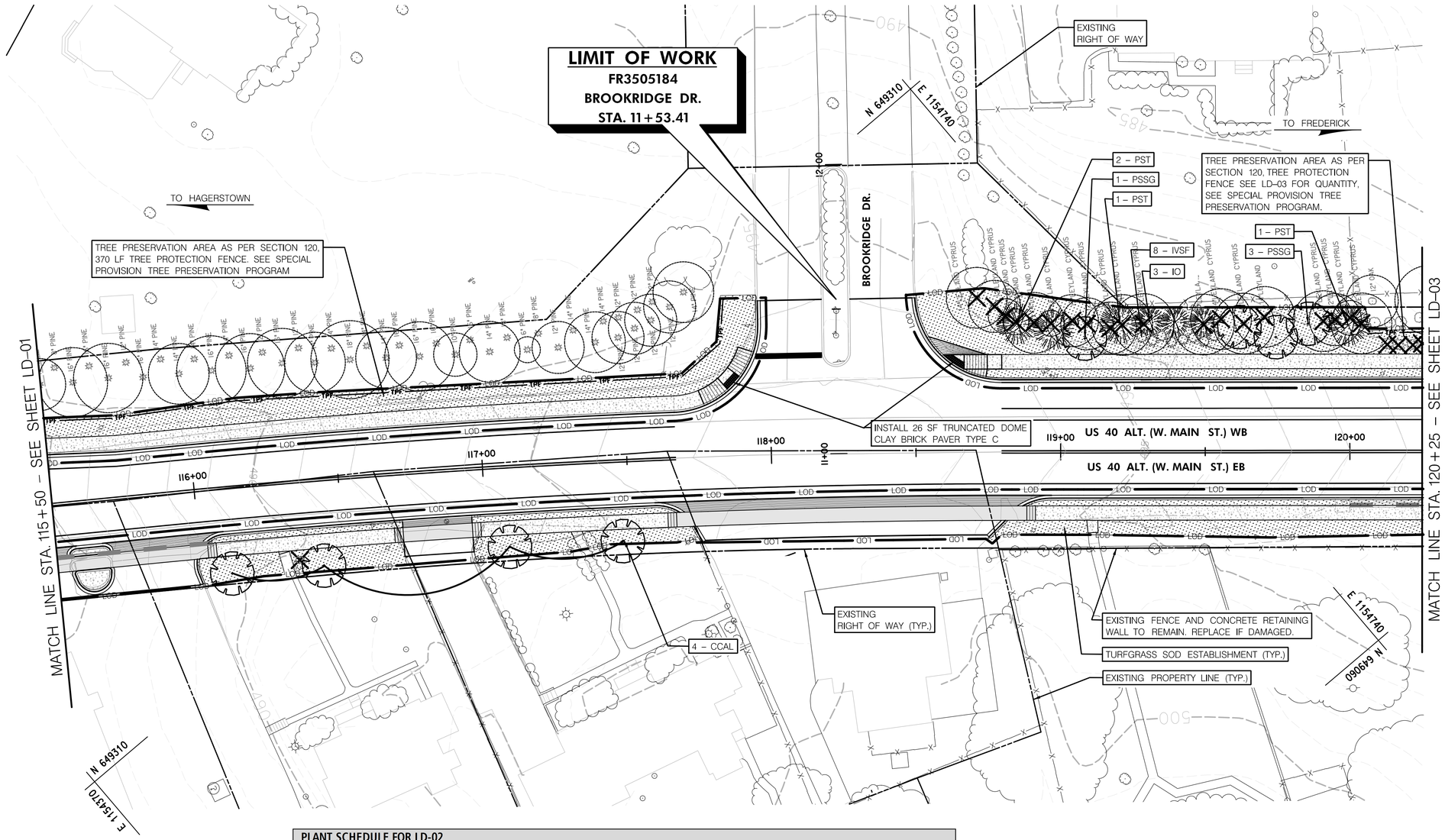
DESIGNED BY MVM
DRAWN BY MVM
CHECKED BY JAF
F.A.P. NO. 13-SF-0264
COUNTY FREDERICK
LOGMILE

DRAWING NO. LD-01 OF 29 SHEET NO. 146 OF 247

FLOURA TEETER
landscape architects
800 North Charles St. Ste. 300
Baltimore, Maryland 21201
Phone: 410.528.8395
Fax: 410.528.8425

BY: mmaffeo -

PLOTTED: Monday, February 08, 2016 AT 05:17 PM
FILE: c:\pwdata\fila-mmaffeo\d0591777\pLD-P001_US40Alt.dgn



PLANT SCHEDULE FOR LD-02					
Ornamental Tree					
Symbol	Quantity	Botanical Name	Common Name	Size	Note
CCAL	4	Cercis canadensis 'Alba'	Royal White Eastern Redbud	2" Cal.	Single-stem, B&B
PSSG	4	Prunus serrulata 'Snow Goose'	Snow Goose Flowering Cherry	2" Cal.	Single-stem, B&B
Evergreen Tree					
Symbol	Quantity	Botanical Name	Common Name	Size	Note
IO	3	Ilex opaca	American Holly	6' Ht.	B&B, Full to Base
PST	4	Pinus strobus	Eastern White Pine	6' Ht.	B&B, Full to Base
Shrubs					
Symbol	Quantity	Botanical Name	Common Name	Size	Note
IVSF	8	Ilex verticillata 'Sparkleberry'	Sparkleberry Winterberry	36" Ht.	#3 Cont.
MISC. ITEMS					
	868	Turfgrass Sod Establishment (SY)			

1 **PLANT SCHEDULE AND QUANTITIES**

20' 0 20' 40'
SCALE: 1" = 20'

LANDSCAPE LEGEND

EXISTING TREE
CRITICAL ROOT ZONE
PROPOSED SHRUB
PROPOSED SHADE TREE
PROPOSED EVERGREEN TREE
PROPOSED ORNAMENTAL TREE
LOWLAND MEADOW ESTABLISHMENT
UPLAND MEADOW ESTABLISHMENT
TURFGRASS ESTABLISHMENT
TURFGRASS SOD ESTABLISHMENT
EXISTING TRASH CAN TO BE RELOCATED AS NEEDED
EXISTING / PROPOSED BENCH
PROPOSED LOCATION FOR HANGING BASKET ON LIGHT POLE
PROPOSED DECORATIVE CROSSWALK, SYNTHETIC HOT APPLIED STAMPED SURFACE
PROPOSED BRICK PAVERS
PROPOSED DECORATIVE INTERSECTION INFILL, SYNTHETIC HOT APPLIED STAMPED SURFACE
PROPOSED CONCRETE SIDEWALK
TPF — TEMPORARY ORANGE CONSTRUCTION FENCE (TOCF)
EXISTING TREE TO BE REMOVED
OLD NATIONAL PIKE MILESTONE
LOD — LIMIT OF DISTURBANCE (LOD)
PROPOSED PAVING

FLOURA TEETER
landscape architects
800 North Charles St. Ste. 300
Baltimore, Maryland 21201
Phone: 410.528.8395
Fax: 410.528.8425

BY: mmaffeo –

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
LANDSCAPE ARCHITECTURE DIVISION

US 40 ALT. (MAIN STREET)
IVY HILL DRIVE TO MIDDLETOWN PARKWAY
URBAN RECONSTRUCTION

REVISIONS

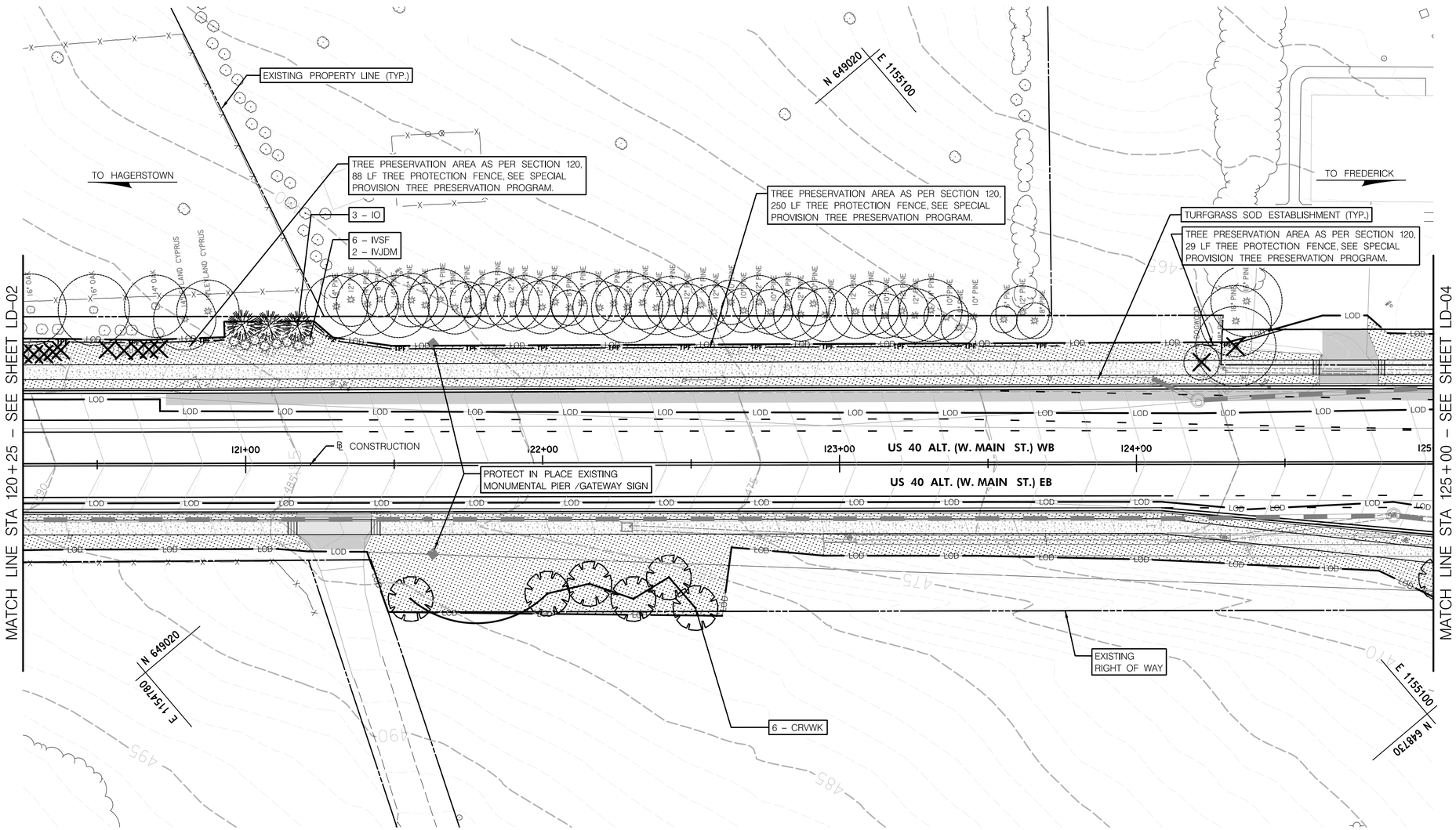
LANDSCAPE PLAN

SCALE 1" = 20' ADVERTISED DATE 02/23/2016 CONTRACT NO. FR3505184

DESIGNED BY MVM
DRAWN BY MVM
CHECKED BY JAF
F.A.P. NO. 13–SF–0264
COUNTY FREDERICK
LOGMILE

DRAWING NO. LD–02 OF 29 SHEET NO. 147 OF 247

PLOTTED: Tuesday, February 09, 2016 AT 08:05 AM
FILE: c:\pwdata\tfla-mmaffeo\d0691777\plLD-P002_US40Alt.dgn



20' 0 20' 40'
SCALE: 1" = 20'

PLANT SCHEDULE FOR LD-03					
Ornamental Tree					
Symbol	**Quantity**	**Botanical Name**	**Common Name**	**Size**	**Note**
CRVWK	6	Crataegus viridis 'Winter King'	Winter King Hawthorn	2" Cal.	B&B
Evergreen Tree					
Symbol	**Quantity**	**Botanical Name**	**Common Name**	**Size**	**Note**
IO	3	Ilex opaca	American Holly	6' Ht.	B&B
Shrubs					
Symbol	**Quantity**	**Botanical Name**	**Common Name**	**Size**	**Note**
IVSF	6	Ilex verticillata 'Sparkleberry'	Sparkleberry Winterberry	36" Ht.	#3 Cont.
IVJDM	2	Ilex verticillata ' Jim Dandy'	Jim Dandy Winterberry	36" Ht.	#3 Cont.
MISC. ITEMS					
	1,220	Turfgrass Sod Establishment (SY)			

1 **PLANT SCHEDULE AND QUANTITIES**

LANDSCAPE LEGEND

EXISTING TREE
CRITICAL ROOT ZONE
PROPOSED SHRUB
PROPOSED SHADE TREE
PROPOSED EVERGREEN TREE
PROPOSED ORNAMENTAL TREE
LOWLAND MEADOW ESTABLISHMENT
UPLAND MEADOW ESTABLISHMENT
TURFGRASS ESTABLISHMENT
TURFGRASS SOD ESTABLISHMENT
EXISTING TRASH CAN TO BE RELOCATED AS NEEDED
EXISTING / PROPOSED BENCH
PROPOSED LOCATION FOR HANGING BASKET ON LIGHT POLE
PROPOSED DECORATIVE CROSSWALK, SYNTHETIC HOT APPLIED STAMPED SURFACE
PROPOSED BRICK PAVERS
PROPOSED DECORATIVE INTERSECTION INFILL SYNTHETIC HOT APPLIED STAMPED SURFACE
PROPOSED CONCRETE SIDEWALK
TPF — TEMPORARY ORANGE CONSTRUCTION FENCE (TOCF)
EXISTING TREE TO BE REMOVED
OLD NATIONAL PIKE MILESTONE
LOD — LIMIT OF DISTURBANCE (LOD)
PROPOSED PAVING

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
LANDSCAPE ARCHITECTURE DIVISION

US 40 ALT. (MAIN STREET)
IVY HILL DRIVE TO MIDDLETOWN PARKWAY
URBAN RECONSTRUCTION

REVISIONS

LANDSCAPE PLAN

SCALE 1" = 20' ADVERTISED DATE 02/23/2016 CONTRACT NO. FR3505184

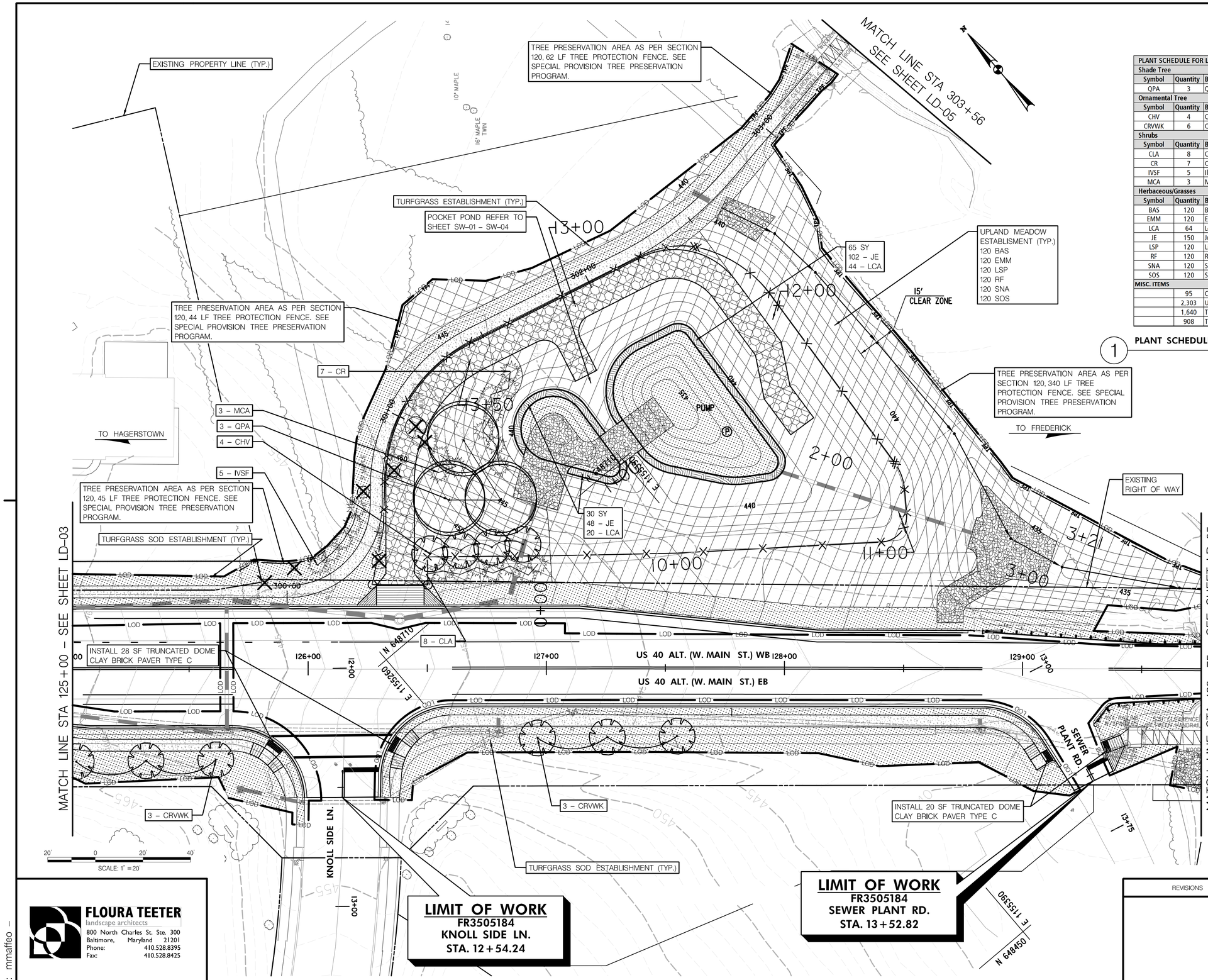
DESIGNED BY MVM
DRAWN BY MVM
CHECKED BY JAF
F.A.P. NO. 13–SF–0264
COUNTY FREDERICK
LOGMILE

DRAWING NO. LD–03 OF 29 SHEET NO. 148 OF 247

FLOURA TEETER
landscape architects
800 North Charles St. Ste. 300
Baltimore, Maryland 21201
Phone: 410.528.8395
Fax: 410.528.8425

BY: mmaffeo –

PLOTTED: Wednesday, November 11, 2015 AT 01:38 PM
FILE: c:\pwdata\fltla-mmaffeo\d0591777\pLD-P003_US40Alt.dgn



PLANT SCHEDULE FOR LD-04					
Shade Tree					
Symbol	**Quantity**	**Botanical Name**	**Common Name**	**Size**	**Note**
QPA	3	Quercus palustris	Pin Oak	2" Cal.	B&B
Ornamental Tree					
Symbol	**Quantity**	**Botanical Name**	**Common Name**	**Size**	**Note**
CHV	4	Chioanthus virginicus	White Fringetree	2" Cal.	B&B
CRVWK	6	Crataegus viridis 'Winter King'	Winter King Hawthorn	2" Cal.	B&B
Shrubs					
Symbol	**Quantity**	**Botanical Name**	**Common Name**	**Size**	**Note**
CLA	8	Clethera alnifolia	Coastal Sweetpepperbush	30" Ht.	#3 Cont.
CR	7	Cornus racemosa	Gray Dogwood	24" Ht.	#3 Cont.
IVSF	5	Ilex verticillata 'Sparkleberry'	Sparkleberry Winterberry	36" Ht.	#3 Cont.
MCA	3	Morella caroliniensis	Southern Bayberry	36" Ht.	#3 Cont.
Herbaceous/Grasses					
Symbol	**Quantity**	**Botanical Name**	**Common Name**	**Size**	**Note**
BAS	120	Boltonia asteroides	White Doll's Daisy	12" Ht.	Quart, 24" O.C.
EMM	120	Eupatoriadelphus maculatus var. maculatus	Spotted Trumpetweed	12" Ht.	Quart, 24" O.C.
LCA	64	Lobelia cardinalis	Cardinal Flower	12" Ht.	Quart, 24" O.C.
JE	150	Juncus effusus var. conglomeratus	Common Rush	12" Ht.	Quart, 24" O.C.
LSP	120	Liatris spicata Willd.	Dense Blazing Star	12" Ht.	Quart, 24" O.C.
RF	120	Rudbeckia fulgida	Orange Coneflower	12" Ht.	Quart, 24" O.C.
SNA	120	Symphyotrichum novae-angliae	New England Aster	12" Ht.	Quart, 24" O.C.
SOS	120	Solidago x 'Strahlenkrone'	Strahlenkrone Goldenrod	12" Ht.	Quart, 24" O.C.
MISC. ITEMS					
	95	Construction Planting Bed (SY)			
	2,303	Upland Meadow Establishment (SY)			
	1,640	Turfgrass Sod Establishment (SY)			
	908	Turfgrass Establishment (SY)			

1 **PLANT SCHEDULE AND QUANTITIES**

NOTES:
THE UPLAND MEADOW ESTABLISHMENT SHALL BE PLANTED WITH SUPPLEMENTAL QUART PLANTINGS AS SPECIFIED ON THE PLAN. SUPPLEMENTAL MEADOW PLANTINGS SHALL BE EVENLY DISPURSED IN GROUPINGS OF 7–10 THROUGHOUT THE AREA DESIGNATED FOR UPLAND MEADOW ESTABLISHMENT.

LANDSCAPE LEGEND

- EXISTING TREE
- CRITICAL ROOT ZONE
- PROPOSED SHRUB
- PROPOSED SHADE TREE
- PROPOSED EVERGREEN TREE
- PROPOSED ORNAMENTAL TREE
- LOWLAND MEADOW ESTABLISHMENT
- UPLAND MEADOW ESTABLISHMENT
- TURFGRASS ESTABLISHMENT
- TURFGRASS SOD ESTABLISHMENT
- EXISTING TRASH CAN TO BE RELOCATED AS NEEDED
- EXISTING / PROPOSED BENCH
- PROPOSED LOCATION FOR HANGING BASKET ON LIGHT POLE
- PROPOSED DECORATIVE CROSSWALK, SYNTHETIC HOT APPLIED STAMPED SURFACE
- PROPOSED BRICK PAVERS
- PROPOSED DECORATIVE INTERSECTION INFILL, SYNTHETIC HOT APPLIED STAMPED SURFACE
- PROPOSED CONCRETE SIDEWALK
- TPF — TEMPORARY ORANGE CONSTRUCTION FENCE (TOCF)
- EXISTING TREE TO BE REMOVED
- OLD NATIONAL PIKE MILESTONE
- LOD — LIMIT OF DISTURBANCE (LOD)
- PROPOSED PAVING

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
LANDSCAPE ARCHITECTURE DIVISION

US 40 ALT. (MAIN STREET)
IVY HILL DRIVE TO MIDDLETOWN PARKWAY
URBAN RECONSTRUCTION

FLOURA TEETER
landscape architects
800 North Charles St. Ste. 300
Baltimore, Maryland 21201
Phone: 410.528.8395
Fax: 410.528.8425

REVISIONS

LANDSCAPE PLAN

SCALE 1" = 20' ADVERTISED DATE 02/23/2016 CONTRACT NO. FR3505184

DESIGNED BY MVM
DRAWN BY MVM
CHECKED BY JAF
F.A.P. NO. 13-SF-0264
COUNTY FREDERICK
LOGMILE

DRAWING NO. LD-04 OF 29 SHEET NO. 149 OF 247

PLOTTED: Thursday, February 04, 2016 AT 01:29 PM
FILE: c:\pwdata\tfla-mmaffeo\d0591777\plLD-P004_US40Alt.dgn
BY: mmaffeo –