MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION

FACILITIES ENGINEERING, ADA & SUSTAINABILITY DIVISION

PURPLE LINE LIGHT RAIL TRANSIT SYSTEM

PRELIMINARY ENGINEERING

VOLUME 4 - RIGHT OF WAY, DRAINAGE AND SWM

CONTRACT NO. T-1042-0220

ADA DESIGN CERTIFICATION

"I HEREBY CERTIFY THAT THIS PLAN HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA).

DATE

DESIGNER'S SIGNATURE

MD. REGISTRATION NO. _____
P.E. R.L.S. OR R.L.A. (CIRCLE)

PRINTED NAME

DESIGN CERTIFICATION

"I HEREBY CERTIFY THAT THIS PLAN HAS BEEN DESIGNED IN ACCORDANCE WITH THE MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, THE 2000 MARYLAND STORMWATER DESIGN MANUAL, VOLUMES I AND II INCLUDING SUPPLEMENTS, THE ENVIRONMENT ARTICLE SECTIONS 4-101 THROUGH 116 AND SECTIONS 4-201 AND 215, AND THE CODE OF MARYLAND REGULATIONS (COMAR) 26.17.01 AND 26.17.02 FOR EROSION AND SEDIMENT CONTROL AND STORMWATER MANAGEMENT, RESPECTIVELY"

DATE

DESIGNER'S SIGNATURE

MD. REGISTRATION NO. _____
P.E. R.L.S. OR R.L.A. (CIRCLE)

PRINTED NAME

OWNERS / DEVELOPER CERTIFICATION

"I/WE HEREBY CERTIFY THAT ALL CLEARING, CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I HEREBY AUTHORIZE THE RIGHT OF ENTRY FOR PERIODIC ON-SITE EVALUATION BY STATE OF MARYLAND, DEPARTMENT OF THE ENVIRONMENT, COMPLIANCE INSPECTORS."

ROBERT L. BURRIS, ASSISTANT MANAGER,
Facilities Engineering, ADA & Sustainability

DATE

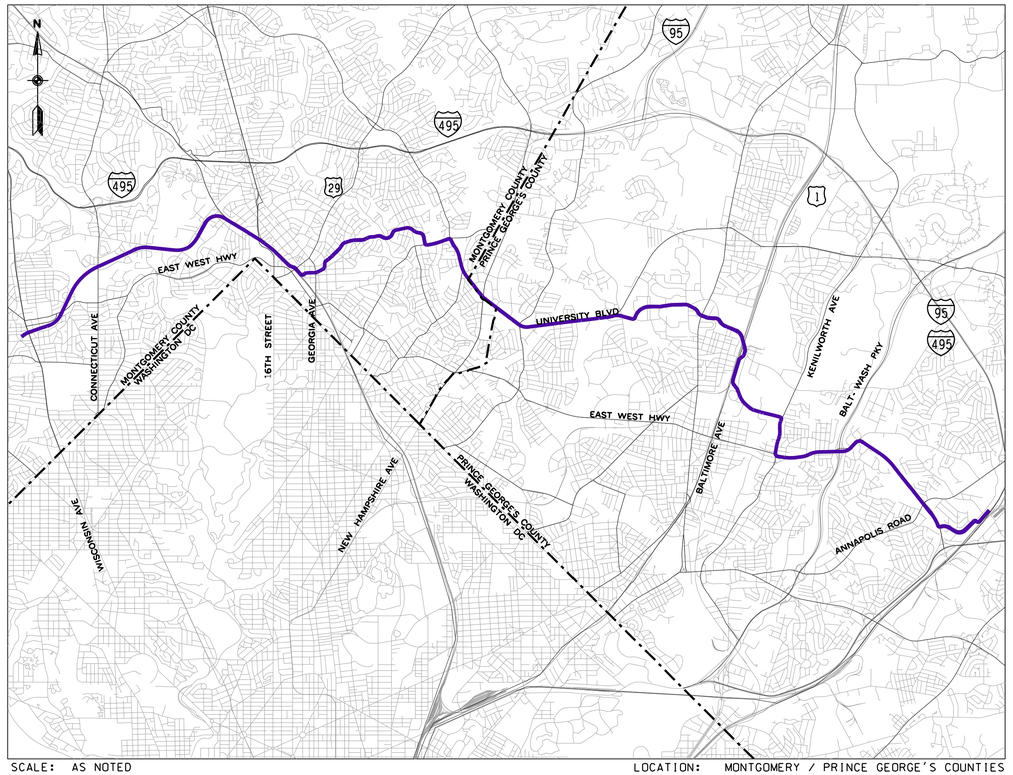
OWNER/DEVELOPER SIGNATURES

43667

CERT. NO.

PRINTED NAME AND TITLE

DCN: 2013.12.20.PE.01.P3 Draft RFP Reference Drawings-Vol. 4-00



SCALE: AS NOTED

LOCATION: MONTGOMERY / PRINCE GEORGE'S COUNTIES

VICINITY MAP

5000' 2500' 0 5000' 10000'

GRAPHIC SCALE

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

PRELIMINARY ENGINEERING SUBMISSION

DECEMBER 2013

MARYLAND TRANSIT ADMINISTRATION

DATE: _____ APPROVED: _____

Purple Line

General Engineering Consultant Team

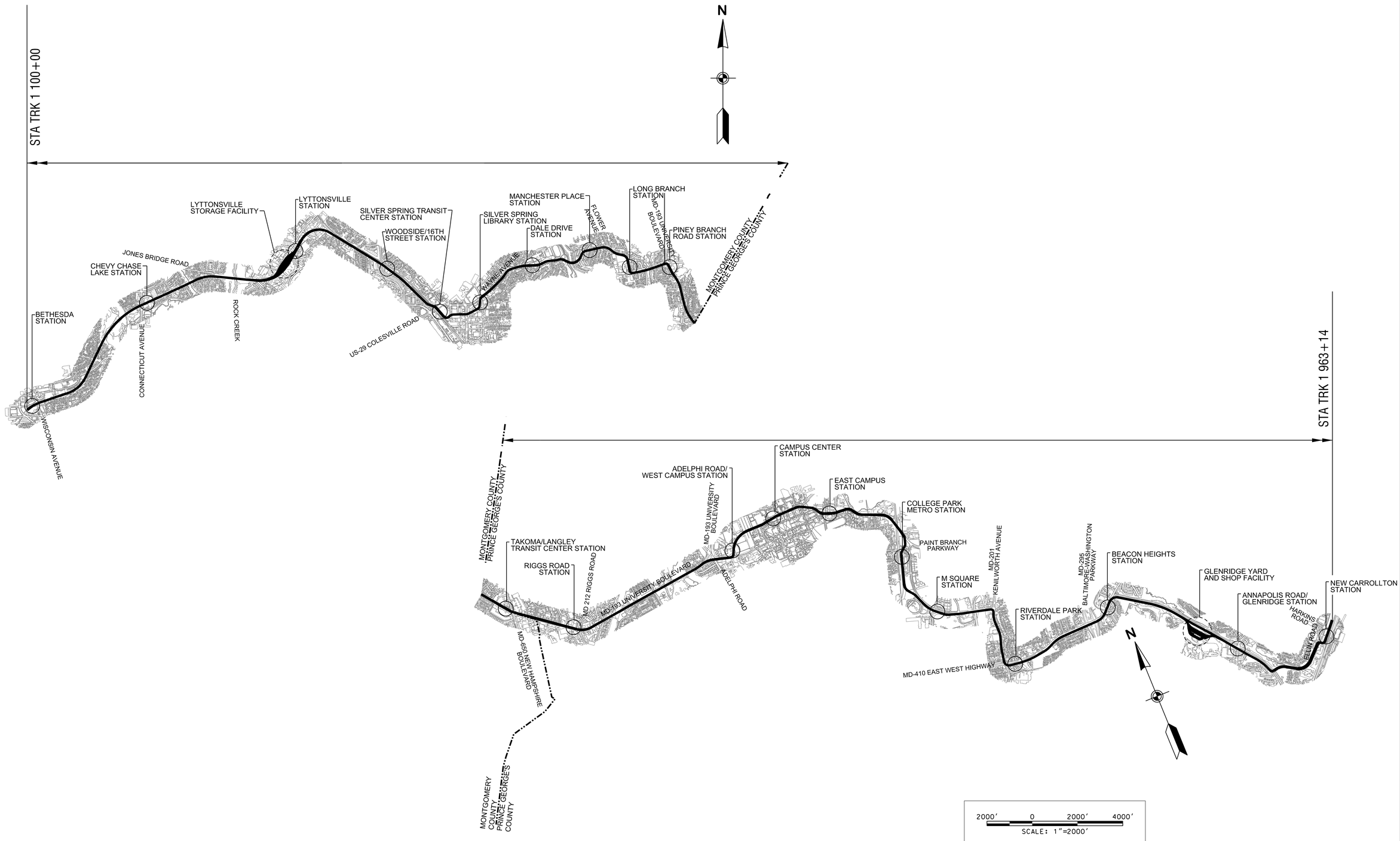
100 North Charles Street, 8th Floor ■ Baltimore, MD 21202
P: 410-244-6046

CONTRACT NO. T-1042-0220

DRAWING NO. TI-4001

SHEET NO. 1 OF 189

c:\pwworking\mtapw\gf-barbara henry\d0131992\1042pTI4001.DGN
12/12/2013



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	-
DRAWN	-
CHECK	-
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

KEY MAP

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. GN-4001
SHEET NO. 2 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\131 GEC Master CADD Files\Submittals\002 - Preliminary Engineering\Volume 04\1042pGN4001.dgn
11/13/2013

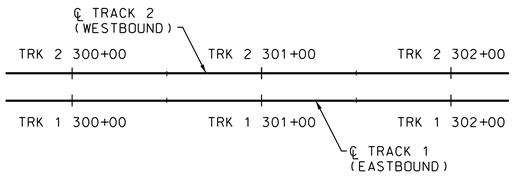
GENERAL NOTES

1. HORIZONTAL CONTROL: THIS PROJECT IS ORIENTATED TO THE MARYLAND STATE PLANE COORDINATE SYSTEM NAD 83/91.
2. VERTICAL CONTROL: THE LOCATION AND ELEVATION OF BENCH MARKS ARE SHOWN ON THE PLANS. ALL ELEVATIONS ARE IN FEET AND ARE BASED ON NAVD 1988 DATUM.
3. BASE TOPOGRAPHIC SURVEY INFORMATION FOR THIS CONTRACT WAS ESTABLISHED FROM AERIAL PHOTOGRAMMETRIC MAPPING IN MARCH OF 2007. SUPPLEMENTAL FIELD SURVEYS WERE PERFORMED AND PLOTTED BY PINNACLE MAPPING TECHNOLOGIES IN MARCH OF 2007.
4. ALL INVERT ELEVATIONS ARE APPROXIMATE. INVERT ELEVATIONS OF DRAINAGE INLETS AND PIPES MAY BE MODIFIED AS DIRECTED BY THE ENGINEER TO MEET CONDITIONS ENCOUNTERED DURING INSTALLATION OF DRAINAGE STRUCTURES.
5. ALL DRAINAGE PIPES AND DITCHES SHALL BE CONSTRUCTED ON A UNIFORM GRADE BETWEEN INVERT ELEVATIONS NOTED ON THE PLANS. UNLESS INDICATED OTHERWISE ON THE PLANS OR DETAILS.
6. THE LOCATION AND LENGTH OF DRAINAGE PIPE SHALL BE VERIFIED BY THE CONTRACTOR BEFORE ORDERING.
7. TYPE AND INVERT OF DITCHES ARE NOTED ON THE PLANS. DITCHES WILL BE IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS.
8. THE CONTRACTOR SHALL BE RESPONSIBLE TO GRADE FOR POSITIVE DRAINAGE WITHIN THE PARKING LOT, AT ALL ENTRANCES, AND ALONG ALL CURB LINES IN ACCORDANCE WITH THE PROPOSED DRAINAGE PATTERNS AS SHOWN ON THE PLANS, AND THOSE EXISTING WHERE APPLICABLE. IN NO CASE SHALL THIS REQUIREMENT RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITY TO CONSTRUCT ALL FACILITIES WITHIN ADA REGULATIONS.
9. ALL EXISTING STORM DRAIN STRUCTURES, SEWER MANHOLES, UTILITY MANHOLES, INLETS, VALVE BOXES, VAULTS, ETC. SHALL BE ADJUSTED BY THE CONTRACTOR TO MEET THE FINISHED GRADE ELEVATION AS NOTED ON THE PLANS, UNLESS THESE APPURTENANCES ARE ABANDONED UNDER THIS CONTRACT.
10. THE EXISTING UTILITIES AND OBSTRUCTIONS SHOWN ON THESE PLANS ARE FROM THE BEST AVAILABLE RECORDS AND SHALL BE VERIFIED BY THE CONTRACTOR TO HIS OWN SATISFACTION PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY ALL CONCERNED UTILITY OWNERS PRIOR TO GRADING OPERATIONS.
11. REPAIRS TO UTILITIES OR PROPERTY DAMAGE AS A RESULT OF CONTRACTOR'S NEGLIGENCE OR METHOD OF OPERATION SHALL BE MADE AT THE CONTRACTOR'S EXPENSE BEFORE PROCEEDING WITH CONSTRUCTION.
12. ANY DISTURBED AREAS NOT PAVED OR LANDSCAPED SHALL RECEIVE 4" TOPSOIL, SEEDING AND MULCH, UNLESS OTHERWISE NOTED ON THE PLANS.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR STAGING CONSTRUCTION SUCH THAT A SOIL STOCKPILE SUITABLE FOR FILL MATERIAL AND TOPSOIL CAN BE MAINTAINED ON-SITE.
14. MATERIAL REMOVED DURING CONSTRUCTION INCLUDING ASPHALT, SIGNS, LIGHT POLES, ETC. SHALL BECOME THE CONTRACTOR'S PROPERTY UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIAL PROVISIONS.
15. THE CONTRACTOR SHALL BE RESPONSIBLE TO RESET ANY SIGN POST OR OTHER APPURTENANCES REMOVED DURING THE CONSTRUCTION TO FACILITATE HIS WORK, EXCEPT WHERE SPECIFIED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
16. THE CONTRACTOR SHALL PERFORM ALL WORK IN A MANNER THAT WILL INSURE THE SAFETY OF THE GENERAL PUBLIC, COMMUTERS, AND EMPLOYEES OF THE CONTRACTOR, MTA, ETC.
17. ANY DAMAGE TO EXISTING CURBING ADJACENT TO NEW PAVING SHALL BE REPAIRED OR REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
18. UNLESS OTHERWISE NOTED, ALL SAW CUTTING SHALL BE FULL DEPTH.
19. PRIOR TO PERFORMING EXCAVATION OR GRADING AT ANY LOCATION, CONTACT "MISS UTILITY", 1-800-257-7777 AT LEAST 48 HOURS IN ADVANCE OF THE PROPOSED WORK.
20. THE CONTRACTOR SHALL NOTE THE HISTORIC NATURE OF THE SURROUNDING COMMUNITY. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE NOISE FROM CONSTRUCTION ACTIVITY ON-SITE.
21. A COPY OF THE CONTRACTOR'S SITE SPECIFIC PROJECT SAFETY PLAN SHOULD BE SUBMITTED TO THE OFFICE OF SAFETY & RISK MANAGEMENT (OSRM) FOR REVIEW AND COMMENT. A COPY SHOULD BE FORWARDED TO DENNIS RAFFERTY/DAVID AUCHU IN THE OFFICE OF SAFETY & RISK MANAGEMENT. THE CONTRACTOR SHALL NOT BEGIN ANY WORK ACTIVITIES ON SITE UNTIL THE PROJECT SAFETY PLAN HAS BEEN REVIEWED AND FOUND TO BE ACCEPTABLE BY REPRESENTATIVES FROM THE OSRM.
22. OCS SUPPORT LOCATIONS ARE PRESENTED ON THE CIVIL PLANS FOR GRAPHICAL REPRESENTATION ONLY. AS-DESIGNED SUPPORT LAYOUTS AND CONFIGURATIONS TO BE DEVELOPED IN THE NEXT PHASE OF DESIGN.

ADA SUMMARY

REFER TO ADA GENERAL NOTES SHEET

STATIONING KEY



LEGEND - EXISTING

- EXISTING BUILDING
- EXISTING SIDEWALK
- EXISTING RIGHT OF WAY
- EXISTING WETLAND BOUNDARY
- EXISTING TRAFFIC SIGNAL TO REMAIN
- EXISTING TRAFFIC SIGNAL TO BE REMOVED
- EXISTING ACTIVE RECOVERY WELL IN LOWER ZONE
- EXISTING ACTIVE RECOVERY WELL IN UPPER ZONE
- EXISTING LEFT TURN ELIMINATED WITH PROPOSED IMPROVEMENTS
- EXISTING TRAFFIC PATTERN

LEGEND - PROPOSED

- PROPOSED BUILDING DISPLACEMENT
- BY-OTHERS — PROPOSED IMPROVEMENTS BY OTHERS
- PROPOSED CONCRETE
- PAVEMENT REMOVAL
- PERMEABLE PAVEMENT
- PROPOSED FULL DEPTH ASPHALT PAVEMENT
- PROPOSED WEDGE/LEVEL OR MILL AND OVERLAY
- PROPOSED CATENARY POLE
- PROPOSED TRAFFIC SIGNAL
- PROPOSED TRAFFIC PATTERN
- PROPOSED BUMPING POST

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN -
DRAWN -
CHECK -
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

GENERAL NOTES AND LEGEND

DATE: DECEMBER 2013 SCALE: NONE

CONTRACT NO. T-1042-0220
DRAWING NO. GN-4002
SHEET NO. 3 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\131 GEC Master CADD Files\Submittals\002 - Preliminary Engineering\Volume 04\1042pGN4002.dgn
11/13/2013

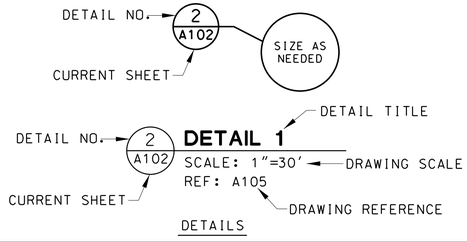
ABBREVIATIONS

△	TOTAL CENTRAL ANGLE OF SPIRAL AND CIRCULAR CURVES
△c	CENTRAL ANGLE OF CIRCULAR CURVE
AASHTO	AMERICAN SOCIETY OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AC	ASPHALT CONCRETE
ABAN	ABANDONED
ABUT	ABUTMENT
ADAAG	ADA ACCESSIBILITY GUIDELINES
AGIP	AT GRADE INLET PROTECTION
AGG	AGGREGATE
AH, AHD	AHEAD
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
APPROX	APPROXIMATE
ASPH	ASPHALT
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
@	AT
BIT	BITUMINOUS
BCCMP	BITUMINOUS COATED CORRUGATED METAL PIPE
BK	BACK
BLDG	BUILDING
℄	BASELINE
BLVD	BOULEVARD
BM	BENCHMARK
BOT	BOTTOM
BRG	BEARING
BSMT	BASEMENT
CB	CATCH BASIN
CCT	CAPITAL CRESCENT TRAIL
C/C	CENTER TO CENTER
CD	STONE CHECK DAM
CEM	CEMENT
CG	CONCRETE GUTTER
C&G	CURB AND GUTTER
CGSP	CORR. GALVANIZED STEEL PIPE
CIP	CAST IRON PIPE
℄	CENTERLINE
CL	CLASS
CMP	CORRUGATED METAL PIPE
CLR	CLEAR
CO	CLEAN OUT
COL	COLUMN
COMB	COMBINED SEWER
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CRB	CURB LINE
CSXT	CSX TRANSPORTATION INCORPORATED
C/T	CROSSOVER TRACK
CTB	CEMENT TREATED BASE
D_C	DEGREE OF CIRCULAR CURVE
DEFL	DEFLECTION
DEG. °	DEGREES
D/I	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DN	DOWNSPOUT
DRWY	DRIVEWAY
DWG	DRAWING
DWLG	DWELLING
E	EAST
EA	EACH
EB	EASTBOUND
EL	ELEVATION
ELCP	ELLIPTICAL CONCRETE PIPE
ELEC	ELECTRIC
EM	ELECTRIC METER
EMB	EMBANKMENT
E/P	EDGE OF PAVEMENT
EQ	EQUAL
EQL	EQUILATERAL
EQN	EQUATION
E/R	EDGE OF ROAD
E/S	EDGE OF STREAM
ESMT	EASEMENT
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FC	FIELD CONNECTION
FF	FAR FACE
FG	FINISH GRADE
FH	FIRE HYDRANT
FL	FLOOR, FLOWLINE
FR	FRAME
FT, ′	FOOT, FEET
F/T	FUTURE TRACK
FUT	FUTURE
GALV	GALVANIZED
GM	GAS METER
GND	GROUND
GR	GRADE
GV	GAS VALVE
GW	GUY WIRE
H	HEIGHT
HBX	HAND BOX
HDPE	HIGH DENSITY POLYETHYLENE
HMA	HOT MIX ASPHALT
HORIZ	HORIZONTAL
HP	HIGH POINT
H/W	HEAD WALL
I	INLET
ID	INSIDE DIAMETER
IN, ″	INCH
INT	INTERIOR
INV	INVERT
JB	JUNCTION BOX
LB	POUND
Lc	TOTAL LENGTH OF CIRCULAR CURVE, IN FEET
LF	LINEAR FEET
LOD	LIMIT OF DISTURBANCE
LP	LOW POINT
LPLG	LEAD PLUG (SURVEY MONUMENT)
LR	LONG RADIUS
LRT	LIGHT RAIL TRANSIT
LRV	LIGHT RAIL VEHICLE
LT	LEFT
MARC	MARYLAND RAIL COMMUTER
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MIN, ′	MINUTE
MISC	MISCELLANEOUS
MON	MONUMENT
MPH	MILES PER HOUR
MSL	MEAN SEA LEVEL
MTA	MARYLAND TRANSIT ADMINISTRATION
N	NORTH
N/A	NOT APPLICABLE
NB	NORTHBOUND
N/E	NORTH LINE - EAST TRACK
NF	NEAR FACE
N/F	NOW OR FORMERLY
NIC	NOT IN CONTRACT
NO, #	NUMBER
NTS	NOT TO SCALE
N/W	NORTH LINE-WEST TRACK
OD	OUTSIDE DIAMETER
OPP	OPPOSITE
PAVT	PAVEMENT
PC	POINT OF CHANGE FROM TANGENT TO CIRCULAR CURVE
PCC	POINT OF COMPOUND CIRCULAR CURVES
PED	PEDESTRIAN
PERF	PERFORATED
PERM	PERMANENT
PGE	PROFILE GRADE ELEVATION
PGL	PROFILE GRADE LINE
PI	POINT OF INTERSECTION OF TWO TANGENTS
PK	PARKER-KALON NAIL (SURVEY MARKER)
PKG	PARKING
ℙ	PROPERTY LINE
PLAT	PLATFORM
POB	POINT OF BEGINNING
POC	POINT ON CURVE
POE	POINT OF ENDING
POL	POINT ON LINE
POT	POINT ON TANGENT
PRC	POINT OF REVERSE CURVES
PROP	PROPOSED
PST	PORTABLE SEDIMENT TANK
PT	POINT OF CHANGE FROM CIRCULAR CURVE TO TANGENT
PV	PETROLEUM VALVE
PVC	POLYVINYL CHLORIDE
R	RADIUS
RCEP	REINFORCED CONCRETE ELLIPTICAL PIPE
RCP	REINFORCED CONCRETE PIPE
REF	REFERENCE
REINF	REINFORCED
REQD	REQUIRED
RET	RETAINING
RP	RAMP
RR	RAILROAD
RT	RIGHT
R/W	RIGHT OF WAY
S	SOUTH
SAN	SANITARY
SB	SOUTHBOUND
SCE	STABILIZED CONSTRUCTION ENTRANCE
SCH	SCHEDULE
SD	STORM DRAIN
S/E	SOUTH LINE - EAST TRACK
SEC, ″	SECOND
SECT	SECTION
SF	SILT FENCE
S.F.	SQUARE FOOT
SG	SUBGRADE
SHA	STATE HIGHWAY ADMINISTRATION
SHLD	SHOULDER
SHT	SHEET
SIG	SIGNAL
SLP	SLOPE
SP	SPACING
STA	STATION
STD	STANDARD
STL	STEEL
STR	STRUCTURE
SURF	SURFACE
SW	SIDE WALK
S/W	SOUTH LINE - WEST TRACK
SWM	STORMWATER MANAGEMENT
TB	TEST BORING
Tc	TANGENT LENGTH OF CIRCULAR CURVE
T/C	TOP OF CURB
TEL	TELEPHONE
TEMP	TEMPORARY
T/G	TOP OF GROUND
T.G.	TOP OF GRATE
TOPO	TOPOGRAPHY
TP	TEST PIT
T/P	TOP OF PAVEMENT
T/R	TOP OF RAIL
TRK	TRACK
TR SIG	TRAFFIC SIGNAL
T.S.	TOP OF STRUCTURE
TYP	TYPICAL
UD	UNDERDRAIN
UNO	UNLESS NOTED OTHERWISE
V	VELOCITY
VAR	VARIES
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
W	WEST
W/	WITH
W/O	WITHOUT
WAT	WATER
WB	WESTBOUND
WHSE	WAREHOUSE
WM	WATER METER
WMATA	WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
WP	WORK POINT
WS	WATER SURFACE
WV	WATER VALVE
X-ING	CROSSING
X-OVER	CROSSOVER

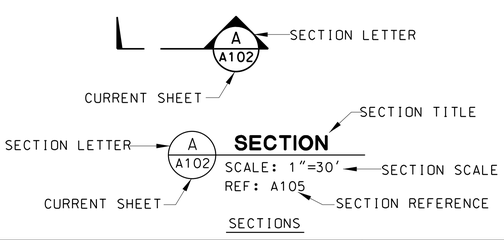
SYMBOLS

EXISTING		PROPOSED
	RIGHT-OF-WAY	
ℙ	PROPERTY LINE	ℙ
	PARCEL NUMBER	#500
	MATCHLINE AND SECTION LINE	
	TRACK CENTER LINE	℄ TRACK 1
℄	CENTER LINE	℄
ℬ	BASE LINE	ℬ
	POINT OF INTERSECTION OF TANGENTS	
	STATION EQUATION	STA AH = / STA BK
TRAV PT. 10	PRIMARY HORIZONTAL CONTROL - TRAVERSE POINT	
BM	BENCH MARK	
TB 18	TEST BORING 18	
TP 22	TEST PIT	
	STRUCTURE OUTLINE	
	METAL FENCE (CHAIN LINK)	
	ORNAMENTAL METAL FENCE	
	WOOD FENCE	
	RAILROAD TRACKS	
CC	CONCRETE CURB	
C&G	CONCRETE CURB AND GUTTER	
	DETECTABLE WARNING SURFACE	
WALL	WALLS	WALL
	TRAFFIC BARRIER	
	BILLBOARD OR LARGE SIGN	
OR	SIGNS - NON-TRAFFIC	
	SIGNS - TRAFFIC	OR
	CUT SLOPE - TOP	C
	FILL SLOPE - TOE	F

EXISTING		PROPOSED
140	MAJOR CONTOUR LINE	140
141	MINOR CONTOUR LINE	141
103.1 ×	SPOT ELEVATION	103.1
EL.	HIGH WATER	EL.
	DITCH	
	SWALE	
	SURFACE FLOW DIRECTION	
27″ RCP	STORM DRAIN LINE	27″ RCP
UD	UNDERDRAIN LINE	UD
DI	DROP INLET, CATCH BASIN OR DRAIN	I-1
	CULVERT WITH HEADWALLS	
E G 50 55 T W	MANHOLE (TYPE AS NOTED)	M-1
SAN CO SAN	CLEANOUT	CO SAN
WM 8″ W WV	WATER LINE	12″ W
12″ G GV	GAS LINE	6″ G
8″ SAN 55	SANITARY LINE	12″ SAN
T	UNDERGROUND TELEPHONE LINE	2″ T
T	OVERHEAD TELEPHONE LINE	T
E	UNDERGROUND ELECTRIC LINE	E
E	OVERHEAD ELECTRIC LINE	E
JB	ELECTRICAL JUNCTION BOX	
E	ELECTRIC METER	
FO	UNDERGROUND FIBER OPTIC LINE	FO
FO	OVERHEAD FIBER OPTIC LINE	FO
POLE NO.	UTILITY POLE	
	LIGHT POLE	
WV FH	FIRE HYDRANT	WM FH
	ITEM TO BE REMOVED	R



DETAILS



SECTIONS

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	-
DRAWN	-
CHECK	-
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

CIVIL ABBREVIATIONS AND SYMBOLS

DATE: DECEMBER 2013 SCALE: NONE

CONTRACT NO. T-1042-0220
DRAWING NO. GN-4003
SHEET NO. 4 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\131 GEC Master CADD Files\Submittals\002 - Preliminary Engineering\Volume 04\1042pGN4003.dgn
11/13/2013

ABBREVIATIONS

MISCELLANEOUS

CPP-S	CORRUGATED PLASTIC PIPE, SMOOTH INTERIOR
CPP-SP	CORRUGATED PLASTIC PIPE, SMOOTH INTERIOR, PERFORATED
PVC	POLYVINYL CHLORIDE PIPE, PERFORATED AND/OR SOLID
CSP	CORRUGATED STEEL PIPE
RCB	REINFORCED CONCRETE BOX

ESD	ENVIRONMENTAL SITE DESIGN DEVICE
BS	BIOSWALE
GS	GRASS SWALE
GR	GREEN ROOF
GT	GREEN TRACK
MBR	MICROBIORETENTION
PP	PERMEABLE PAVEMENT
PB	PLANTER BOX
RG	RAIN GARDEN
SGW	SUBMERGED GRAVEL WETLAND
WS	WET SWALE
BR	BIORETENTION
WP	WET POND
SF	UNDERGROUND SAND FILTER
STF	STORM FILTER SYSTEM
DP	DRY DETENTION POND
UGD	UNDERGROUND DETENTION
DPI	DETENTION PIPE

SYMBOLS

PROPOSED

EXISTING STORM DRAIN TO BE REMOVED

EXISTING STORM DRAIN TO BE ABANDONED

PROPOSED END SECTIONS AND HEAD WALLS

PROPOSED COS AND COG INLETS

PROPOSED BRIDGE SCUPPER

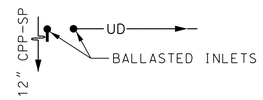
PROPOSED JUNCTION BOX/
CONC. BALLAST INLET

PROPOSED TRENCH DRAIN

PROPOSED SWM RISER

PROPOSED INLETS, VAR.

PROPOSED MANHOLES, VAR.



FULL DEPTH PAVEMENT

RESURFACING OR WEDGE & LEVEL

CONCRETE

EXISTING

PROPOSED

LIMIT OF DISTURBANCE — LOD —

EXISTING WETLAND BOUNDARY/AREA

EXISTING FOREST STAND

EXISTING 100/500-YEAR FLOODPLAINS

EXISTING PARKLAND BOUNDARY — P —

SWM MICROBIORETENTION

SWM PLANTER BOX, VARIABLE

SWM GREEN TRACK

SWM RAIN GARDEN

SWM BIOSWALE/WET SWALE

SWM SAND FILTER

SWM PERMEABLE PAVEMENT

SWM UNDERGROUND DETENTION FACILITY

SWM UNDERGROUND BOX CULVERT
(E.G. STORMFILTER)

SWM GREEN ROOF

EMBEDDED TRACK - DRAINAGE TROUGH

POTENTIAL BUILDING DISPLACEMENT

TRACTION POWER
SUBSTATION (TPSS)

CENTRAL INSTRUMENT HOUSE
/COMMUNICATIONS ROOM CIH CM

ACCESS ROAD AND SITE
PAD FOR TPSS

NOTES
1. LONGITUDINAL UNDERDRAINS ARE ASSUMED TO BE 8-INCH PERFORATED PVC PIPE UNLESS OTHERWISE LABELED OR NOTED.
2. UNDERDRAIN CROSSINGS BENEATH TRACKS ARE ASSUMED TO BE 8-INCH DUCTILE IRON PIPE UNLESS OTHERWISE LABELED OR NOTED.
3. UNDERDRAIN OUTFALLS ARE ASSUMED TO BE 8-INCH SOLID PVC PIPE UNLESS OTHERWISE LABELED OR NOTED.
4. BETWEEN STA. TRK 1 100+00 TO STA. TRK 1 255+00 ALL TRANSVERSE CROSS-CULVERT PIPES ARE ASSUMED TO BE CLASS V RCP, SIZES NOTED.

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	DBR
DRAWN	DBR
CHECK	JDC
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

SWM & DRAINAGE
ABBREVIATIONS AND SYMBOLS

DATE: DECEMBER 2013 SCALE: NONE

CONTRACT NO. T-1042-0220
DRAWING NO. GN-4004
SHEET NO. 5 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\131 GEC Master CADD Files\Submittals\002 - Preliminary Engineering\Volume 04\1042pGN4004.dgn
11/13/2013

INDEX OF DRAWINGS - VOLUME 4

SHEET NO.	DWG. NO.	DESCRIPTION
GENERAL		
1	TI-4001	TITLE SHEET - VOLUME 4
2	GN-4001	KEY MAP
3	GN-4002	GENERAL NOTES AND LEGEND
4	GN-4003	CIVIL ABBREVIATIONS AND SYMBOLS
5	GN-4004	SWM & DRAINAGE ABBREVIATIONS AND SYMBOLS
6	GI-4101	INDEX OF SHEETS - VOLUME 4 SHEET 1
RIGHT-OF-WAY		
7	RW-01	RIGHT OF WAY PLAN STA TRK 1 100+00 TO STA TRK 1 111+00
8	RW-02	RIGHT OF WAY PLAN STA TRK 1 111+00 TO STA TRK 1 123+00
9	RW-03	RIGHT OF WAY PLAN STA TRK 1 123+00 TO STA TRK 1 135+00
10	RW-04	RIGHT OF WAY PLAN STA TRK 1 135+00 TO STA TRK 1 147+00
11	RW-05	RIGHT OF WAY PLAN STA TRK 1 147+00 TO STA TRK 1 159+00
12	RW-06	RIGHT OF WAY PLAN STA TRK 1 159+00 TO STA TRK 1 171+00
13	RW-07	RIGHT OF WAY PLAN STA TRK 1 171+00 TO STA TRK 1 183+00
14	RW-08	RIGHT OF WAY PLAN STA TRK 1 183+00 TO STA TRK 1 195+00
15	RW-09	RIGHT OF WAY PLAN STA TRK 1 195+00 TO STA TRK 1 207+00
16	RW-10	RIGHT OF WAY PLAN STA TRK 1 207+00 TO STA TRK 1 219+00
17	RW-11	RIGHT OF WAY PLAN STA TRK 1 219+00 TO STA TRK 1 231+00
18	RW-12	RIGHT OF WAY PLAN STA TRK 1 231+00 TO STA TRK 1 243+00
19	RW-13	RIGHT OF WAY PLAN STA TRK 1 243+00 TO STA TRK 1 255+00
20	RW-14	RIGHT OF WAY PLAN STA TRK 1 255+00 TO STA TRK 1 267+00
21	RW-15	RIGHT OF WAY PLAN STA TRK 1 267+00 TO STA TRK 1 279+00
22	RW-16	RIGHT OF WAY PLAN STA TRK 1 279+00 TO STA TRK 1 291+00
23	RW-17	RIGHT OF WAY PLAN STA TRK 1 291+00 TO STA TRK 1 303+00
24	RW-18	RIGHT OF WAY PLAN STA TRK 1 303+00 TO STA TRK 1 315+00
25	RW-19	RIGHT OF WAY PLAN STA TRK 1 315+00 TO STA TRK 1 327+00
26	RW-20	RIGHT OF WAY PLAN STA TRK 1 327+00 TO STA TRK 1 336+00
27	RW-21	RIGHT OF WAY PLAN STA TRK 1 336+00 TO STA TRK 1 344+43
28	RW-22	RIGHT OF WAY PLAN LYT PL - STA 1050+00 TO STA 1054+00
29	RW-23	RIGHT OF WAY PLAN SPRING ST
30	RW-24	RIGHT OF WAY PLAN STA TRK 1 344+43 TO STA TRK 1 354+00
31	RW-25	RIGHT OF WAY PLAN STA TRK 1 354+00 TO STA TRK 1 364+00
32	RW-26	RIGHT OF WAY PLAN STA TRK 1 364+00 TO STA TRK 1 372+00
33	RW-27	RIGHT OF WAY PLAN STA TRK 1 372+00 TO STA TRK 1 383+00
34	RW-28	RIGHT OF WAY PLAN STA TRK 1 383+00 TO STA TRK 1 392+00
35	RW-29	RIGHT OF WAY PLAN STA TRK 1 392+00 TO STA TRK 1 402+00
36	RW-30	RIGHT OF WAY PLAN STA TRK 1 402+00 TO STA TRK 1 408+50
37	RW-31	RIGHT OF WAY PLAN STA TRK 1 408+50 TO STA TRK 1 417+00
38	RW-32	RIGHT OF WAY PLAN STA TRK 1 417+00 TO STA TRK 1 428+00
39	RW-33	RIGHT OF WAY PLAN STA TRK 1 428+00 TO STA TRK 1 436+00
40	RW-34	RIGHT OF WAY PLAN STA TRK 1 436+00 TO STA TRK 1 444+00
41	RW-35	RIGHT OF WAY PLAN STA TRK 1 444+00 TO STA TRK 1 449+00
42	RW-36	RIGHT OF WAY PLAN STA TRK 1 449+00 TO STA TRK 1 461+00
43	RW-37	RIGHT OF WAY PLAN STA TRK 1 461+00 TO STA TRK 1 472+50
44	RW-38	RIGHT OF WAY PLAN STA TRK 1 472+50 TO STA TRK 1 483+50
45	RW-39	RIGHT OF WAY PLAN STA TRK 1 483+50 TO STA TRK 1 494+50
46	RW-40	RIGHT OF WAY PLAN STA TRK 1 494+50 TO STA TRK 1 505+50
47	RW-41	RIGHT OF WAY PLAN STA TRK 1 505+50 TO STA TRK 1 516+50
48	RW-42	RIGHT OF WAY PLAN STA TRK 1 516+50 TO STA TRK 1 528+00
49	RW-43	RIGHT OF WAY PLAN STA TRK 1 528+00 TO STA TRK 1 539+50
50	RW-44	RIGHT OF WAY PLAN STA TRK 1 539+50 TO STA TRK 1 551+50
51	RW-45	RIGHT OF WAY PLAN STA TRK 1 551+50 TO STA TRK 1 563+50
52	RW-46	RIGHT OF WAY PLAN STA TRK 1 563+50 TO STA TRK 1 575+00
53	RW-47	RIGHT OF WAY PLAN STA TRK 1 575+00 TO STA TRK 1 586+50
54	RW-48	RIGHT OF WAY PLAN STA TRK 1 586+50 TO STA TRK 1 598+00
55	RW-49	RIGHT OF WAY PLAN STA TRK 1 598+00 TO STA TRK 1 604+00
56	RW-50	RIGHT OF WAY PLAN RIGGS ROAD - STA 6507+50 TO STA 6511+97
57	RW-51	RIGHT OF WAY PLAN STA TRK 1 604+00 TO STA TRK 1 611+50
58	RW-52	RIGHT OF WAY PLAN STA TRK 1 611+50 TO STA TRK 1 622+50
59	RW-53	RIGHT OF WAY PLAN STA TRK 1 622+50 TO STA TRK 1 634+00
60	RW-54	RIGHT OF WAY PLAN STA TRK 1 634+00 TO STA TRK 1 643+00
61	RW-55	RIGHT OF WAY PLAN STA TRK 1 643+00 TO STA TRK 1 653+50
62	RW-56	RIGHT OF WAY PLAN STA TRK 1 653+50 TO STA TRK 1 664+50
63	RW-57	RIGHT OF WAY PLAN STA TRK 1 664+50 TO STA TRK 1 676+00
64	RW-58	RIGHT OF WAY PLAN STA TRK 1 676+00 TO STA TRK 1 687+00
65	RW-59	RIGHT OF WAY PLAN STA TRK 1 687+00 TO STA TRK 1 696+00
66	RW-60	RIGHT OF WAY PLAN STA TRK 1 696+00 TO STA TRK 1 705+00
67	RW-61	RIGHT OF WAY PLAN CAMPUS DR - STA 7104+50 TO STA 7108+54
68	RW-62	RIGHT OF WAY PLAN PB PKWY - STA 7200+00 TO STA 7203+00
69	RW-63	RIGHT OF WAY PLAN STA TRK 1 705+00 TO STA TRK 1 715+50
RIGHT-OF-WAY (CONTINUED)		
70	RW-64	RIGHT OF WAY PLAN STA TRK 1 715+50 TO STA TRK 1 726+50
71	RW-65	RIGHT OF WAY PLAN STA TRK 1 726+50 TO STA TRK 1 737+50
72	RW-66	RIGHT OF WAY PLAN STA TRK 1 737+50 TO STA TRK 1 747+50
73	RW-67	RIGHT OF WAY PLAN STA TRK 1 747+50 TO STA TRK 1 758+00
74	RW-68	RIGHT OF WAY PLAN STA TRK 1 758+00 TO STA TRK 1 769+00
75	RW-69	RIGHT OF WAY PLAN STA TRK 1 769+00 TO STA TRK 1 779+00
76	RW-70	RIGHT OF WAY PLAN STA TRK 1 779+00 TO STA TRK 1 788+00
77	RW-71	RIGHT OF WAY PLAN STA TRK 1 788+00 TO STA TRK 1 797+00
78	RW-72	RIGHT OF WAY PLAN STA TRK 1 797+00 TO STA TRK 1 807+00
79	RW-73	RIGHT OF WAY PLAN STA TRK 1 807+00 TO STA TRK 1 818+00
80	RW-74	RIGHT OF WAY PLAN STA TRK 1 818+00 TO STA TRK 1 828+00
81	RW-75	RIGHT OF WAY PLAN STA TRK 1 828+00 TO STA TRK 1 837+00
82	RW-76	RIGHT OF WAY PLAN STA TRK 1 837+00 TO STA TRK 1 846+50
83	RW-77	RIGHT OF WAY PLAN QUESADA RD - STA 8503+00 TO STA 8510+75
84	RW-78	RIGHT OF WAY PLAN BALT-WASH PKWY STA 249+00 TO STA 258+40
85	RW-79	RIGHT OF WAY PLAN BALT-WASH PKWY STA 262+30 TO STA 271+00
86	RW-80	RIGHT OF WAY PLAN 67TH COURT STA 8311+00 TO STA 8315+74
87	RW-81	RIGHT OF WAY PLAN STA TRK 1 846+50 TO STA TRK 1 857+00
88	RW-82	RIGHT OF WAY PLAN STA TRK 1 857+00 TO STA TRK 1 867+00
89	RW-83	RIGHT OF WAY PLAN STA TRK 1 867+00 TO STA TRK 1 877+00
90	RW-84	RIGHT OF WAY PLAN STA TRK 1 877+00 TO STA TRK 1 888+00
91	RW-85	RIGHT OF WAY PLAN STA TRK 1 888+00 TO STA TRK 1 898+00
92	RW-86	RIGHT OF WAY PLAN STA TRK 1 898+00 TO STA TRK 1 909+00
93	RW-87	RIGHT OF WAY PLAN STA TRK 1 909+00 TO STA TRK 1 919+00
94	RW-88	RIGHT OF WAY PLAN STA TRK 1 919+00 TO STA TRK 1 930+00
95	RW-89	RIGHT OF WAY PLAN STA TRK 1 930+00 TO STA TRK 1 939+50
96	RW-90	RIGHT OF WAY PLAN STA TRK 1 939+50 TO STA TRK 1 949+50
97	RW-91	RIGHT OF WAY PLAN STA TRK 1 949+50 TO STA TRK 1 957+50
98	RW-92	RIGHT OF WAY PLAN STA TRK 1 957+50 TO STA TRK 1 963+14
99	RW-93	RIGHT OF WAY PLAN - GLENRIDGE YD STA TRK 9 907+50 TO STA TRK 9 914+00
SWM & DRAINAGE		
100	DR-01	SWM & DRAINAGE PLAN STA TRK 1 100+00 TO STA TRK 1 111+00
101	DR-02	SWM & DRAINAGE PLAN STA TRK 1 111+00 TO STA TRK 1 123+00
102	DR-03	SWM & DRAINAGE PLAN STA TRK 1 123+00 TO STA TRK 1 135+00
103	DR-04	SWM & DRAINAGE PLAN STA TRK 1 135+00 TO STA TRK 1 147+00
104	DR-05	SWM & DRAINAGE PLAN STA TRK 1 147+00 TO STA TRK 1 159+00
105	DR-06	SWM & DRAINAGE PLAN STA TRK 1 159+00 TO STA TRK 1 171+00
106	DR-07	SWM & DRAINAGE PLAN STA TRK 1 171+00 TO STA TRK 1 183+00
107	DR-08	SWM & DRAINAGE PLAN STA TRK 1 183+00 TO STA TRK 1 195+00
108	DR-09	SWM & DRAINAGE PLAN STA TRK 1 195+00 TO STA TRK 1 207+00
109	DR-10	SWM & DRAINAGE PLAN STA TRK 1 207+00 TO STA TRK 1 219+00
110	DR-11	SWM & DRAINAGE PLAN STA TRK 1 219+00 TO STA TRK 1 231+00
111	DR-12	SWM & DRAINAGE PLAN STA TRK 1 231+00 TO STA TRK 1 243+00
112	DR-13	SWM & DRAINAGE PLAN STA TRK 1 243+00 TO STA TRK 1 255+00
113	DR-14	SWM & DRAINAGE PLAN STA TRK 1 255+00 TO STA TRK 1 267+00
114	DR-15	SWM & DRAINAGE PLAN STA TRK 1 267+00 TO STA TRK 1 279+00
115	DR-16	SWM & DRAINAGE PLAN STA TRK 1 279+00 TO STA TRK 1 291+00
116	DR-17	SWM & DRAINAGE PLAN STA TRK 1 291+00 TO STA TRK 1 303+00
117	DR-18	SWM & DRAINAGE PLAN STA TRK 1 303+00 TO STA TRK 1 315+00
118	DR-19	SWM & DRAINAGE PLAN STA TRK 1 315+00 TO STA TRK 1 327+00
119	DR-20	SWM & DRAINAGE PLAN STA TRK 1 327+00 TO STA TRK 1 336+00
120	DR-21	SWM & DRAINAGE PLAN STA TRK 1 336+00 TO STA TRK 1 344+43
121	DR-22	SWM & DRAINAGE PLAN STA TRK 1 344+43 TO STA TRK 1 354+00
122	DR-23	SWM & DRAINAGE PLAN STA TRK 1 354+00 TO STA TRK 1 364+00
123	DR-24	SWM & DRAINAGE PLAN STA TRK 1 364+00 TO STA TRK 1 372+00
124	DR-25	SWM & DRAINAGE PLAN STA TRK 1 372+00 TO STA TRK 1 383+00
125	DR-26	SWM & DRAINAGE PLAN STA TRK 1 383+00 TO STA TRK 1 392+00
126	DR-27	SWM & DRAINAGE PLAN STA TRK 1 392+00 TO STA TRK 1 402+00
127	DR-28	SWM & DRAINAGE PLAN STA TRK 1 402+00 TO STA TRK 1 408+50
128	DR-29	SWM & DRAINAGE PLAN STA TRK 1 408+50 TO STA TRK 1 417+00
129	DR-30	SWM & DRAINAGE PLAN STA TRK 1 417+00 TO STA TRK 1 428+00
130	DR-31	SWM & DRAINAGE PLAN STA TRK 1 428+00 TO STA TRK 1 436+00
131	DR-32	SWM & DRAINAGE PLAN STA TRK 1 436+00 TO STA TRK 1 444+00
132	DR-33	SWM & DRAINAGE PLAN STA TRK 1 444+00 TO STA TRK 1 449+00
133	DR-34	SWM & DRAINAGE PLAN - MD 193 (UNIVERSITY BLVD) STA 6111+70 to STA 6116+00
134	DR-35	SWM & DRAINAGE PLAN STA TRK 1 449+00 TO STA TRK 1 461+00
135	DR-36	SWM & DRAINAGE PLAN STA TRK 1 461+00 TO STA TRK 1 472+50
136	DR-37	SWM & DRAINAGE PLAN STA TRK 1 472+50 TO STA TRK 1 483+50
137	DR-38	SWM & DRAINAGE PLAN STA TRK 1 483+50 TO STA TRK 1 494+50
138	DR-39	SWM & DRAINAGE PLAN STA TRK 1 494+50 TO STA TRK 1 505+50
SWM & DRAINAGE (CONTINUED)		
139	DR-40	SWM & DRAINAGE PLAN STA TRK 1 505+50 TO STA TRK 1 516+50
140	DR-41	SWM & DRAINAGE PLAN STA TRK 1 516+50 TO STA TRK 1 528+00
141	DR-42	SWM & DRAINAGE PLAN STA TRK 1 528+00 TO STA TRK 1 539+50
142	DR-43	SWM & DRAINAGE PLAN STA TRK 1 539+50 TO STA TRK 1 551+50
143	DR-44	SWM & DRAINAGE PLAN STA TRK 1 551+50 TO STA TRK 1 563+50
144	DR-45	SWM & DRAINAGE PLAN STA TRK 1 563+50 TO STA TRK 1 575+00
145	DR-46	SWM & DRAINAGE PLAN STA TRK 1 575+00 TO STA TRK 1 586+50
146	DR-47	SWM & DRAINAGE PLAN STA TRK 1 586+50 TO STA TRK 1 598+00
147	DR-48	SWM & DRAINAGE PLAN STA TRK 1 598+00 TO STA TRK 1 604+00
148	DR-49	SWM & DRAINAGE PLAN STA TRK 1 604+00 TO STA TRK 1 611+50
149	DR-50	SWM & DRAINAGE PLAN STA TRK 1 611+50 TO STA TRK 1 622+50
150	DR-51	SWM & DRAINAGE PLAN STA TRK 1 622+50 TO STA TRK 1 634+00
151	DR-52	SWM & DRAINAGE PLAN STA TRK 1 634+00 TO STA TRK 1 643+00
152	DR-53	SWM & DRAINAGE PLAN STA TRK 1 643+00 TO STA TRK 1 653+50
153	DR-54	SWM & DRAINAGE PLAN CAMPUS DR - STA 7104+50 TO STA 7108+54
154	DR-55	SWM & DRAINAGE PLAN STA TRK 1 653+50 TO STA TRK 1 664+50
155	DR-56	SWM & DRAINAGE PLAN STA TRK 1 664+50 TO STA TRK 1 676+00
156	DR-57	SWM & DRAINAGE PLAN STA TRK 1 676+00 TO STA TRK 1 687+00
157	DR-58	SWM & DRAINAGE PLAN STA TRK 1 687+00 TO STA TRK 1 696+00
158	DR-59	SWM & DRAINAGE PLAN STA TRK 1 696+00 TO STA TRK 1 705+00
159	DR-60	SWM & DRAINAGE PLAN STA TRK 1 705+00 TO STA TRK 1 715+50
160	DR-61	SWM & DRAINAGE PLAN STA TRK 1 715+50 TO STA TRK 1 726+50
161	DR-62	SWM & DRAINAGE PLAN STA TRK 1 726+50 TO STA TRK 1 737+50
162	DR-63	SWM & DRAINAGE PLAN STA TRK 1 737+50 TO STA TRK 1 747+50
163	DR-64	SWM & DRAINAGE PLAN STA TRK 1 747+50 TO STA TRK 1 758+00
164	DR-65	SWM & DRAINAGE PLAN STA TRK 1 758+00 TO STA TRK 1 769+00
165	DR-66	SWM & DRAINAGE PLAN STA TRK 1 769+00 TO STA TRK 1 779+00
166	DR-67	SWM & DRAINAGE PLAN STA TRK 1 779+00 TO STA TRK 1 788+00
167	DR-68	SWM & DRAINAGE PLAN STA TRK 1 788+00 TO STA TRK 1 797+00
168	DR-69	SWM & DRAINAGE PLAN STA TRK 1 797+00 (PR. SD OUTFALL)
169	DR-70	SWM & DRAINAGE PLAN STA TRK 1 797+00 TO STA TRK 1 807+00
170	DR-71	SWM & DRAINAGE PLAN STA TRK 1 807+00 TO STA TRK 1 818+00
171	DR-72	SWM & DRAINAGE PLAN STA TRK 1 818+00 TO STA TRK 1 828+00
172	DR-73	SWM & DRAINAGE PLAN STA TRK 1 828+00 TO STA TRK 1 837+00
173	DR-74	SWM & DRAINAGE PLAN BALT-WASH PKWY STA 249+00 TO STA 258+40
174	DR-75	SWM & DRAINAGE PLAN BALT-WASH PKWY STA 262+30 TO STA 271+00
175	DR-76	SWM & DRAINAGE PLAN MD NATIONAL CAPITAL PARK POLICE BUILDING
176	DR-77	SWM & DRAINAGE PLAN QUESADA RD - STA 8503+00 TO STA 8510+75
177	DR-78	SWM & DRAINAGE PLAN STA TRK 1 837+00 TO STA TRK 1 846+50
178	DR-79	SWM & DRAINAGE PLAN STA TRK 1 847+00 TO STA TRK 1 857+00
179	DR-80	SWM & DRAINAGE PLAN STA TRK 1 857+00 TO STA TRK 1 867+00
180	DR-81	SWM & DRAINAGE PLAN STA TRK 1 867+00 TO STA TRK 1 877+00
181	DR-82	SWM & DRAINAGE PLAN STA TRK 1 877+00 TO STA TRK 1 888+00
182	DR-83	SWM & DRAINAGE PLAN STA TRK 1 888+00 TO STA TRK 1 898+00
183	DR-84	SWM & DRAINAGE PLAN STA TRK 1 898+00 TO STA TRK 1 909+00
184	DR-85	SWM & DRAINAGE PLAN STA TRK 1 909+00 TO STA TRK 1 919+00
185	DR-86	SWM & DRAINAGE PLAN STA TRK 1 919+00 TO STA TRK 1 930+00
186	DR-87	SWM & DRAINAGE PLAN STA TRK 1 930+00 TO STA TRK 1 939+50
187	DR-88	SWM & DRAINAGE PLAN STA TRK 1 939+50 TO STA TRK 1 949+50
188	DR-89	SWM & DRAINAGE PLAN STA TRK 1 949+50 TO STA TRK 1 957+50
189	DR-90	SWM & DRAINAGE PLAN STA TRK 1 957+50 TO STA TRK 1 963+14

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	DBR
DRAWN	DBR
CHECK	JDC
APPR	

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

INDEX OF SHEETS – VOLUME 4
SHEET 1

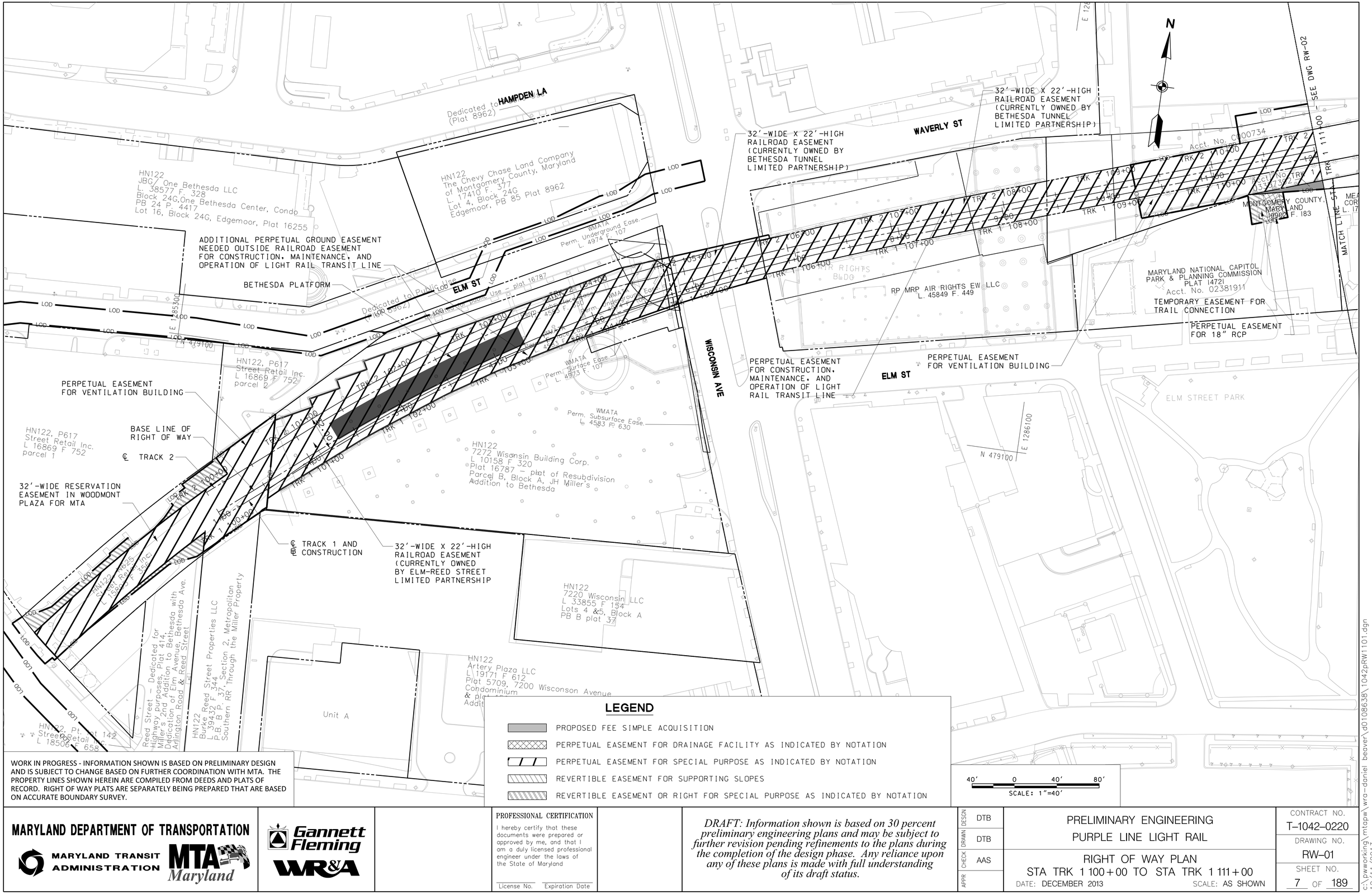
DATE: DECEMBER 2013 SCALE: NONE

CONTRACT NO. T-1042-0220

DRAWING NO. GI-4101

SHEET NO. 6 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\131 GEC Master CADD Files\Submittals\002 - Preliminary Engineering\Volume 04\1042p04101.dgn
11/13/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	DTB
DRAWN	DTB
CHECK	AAS
APPR	

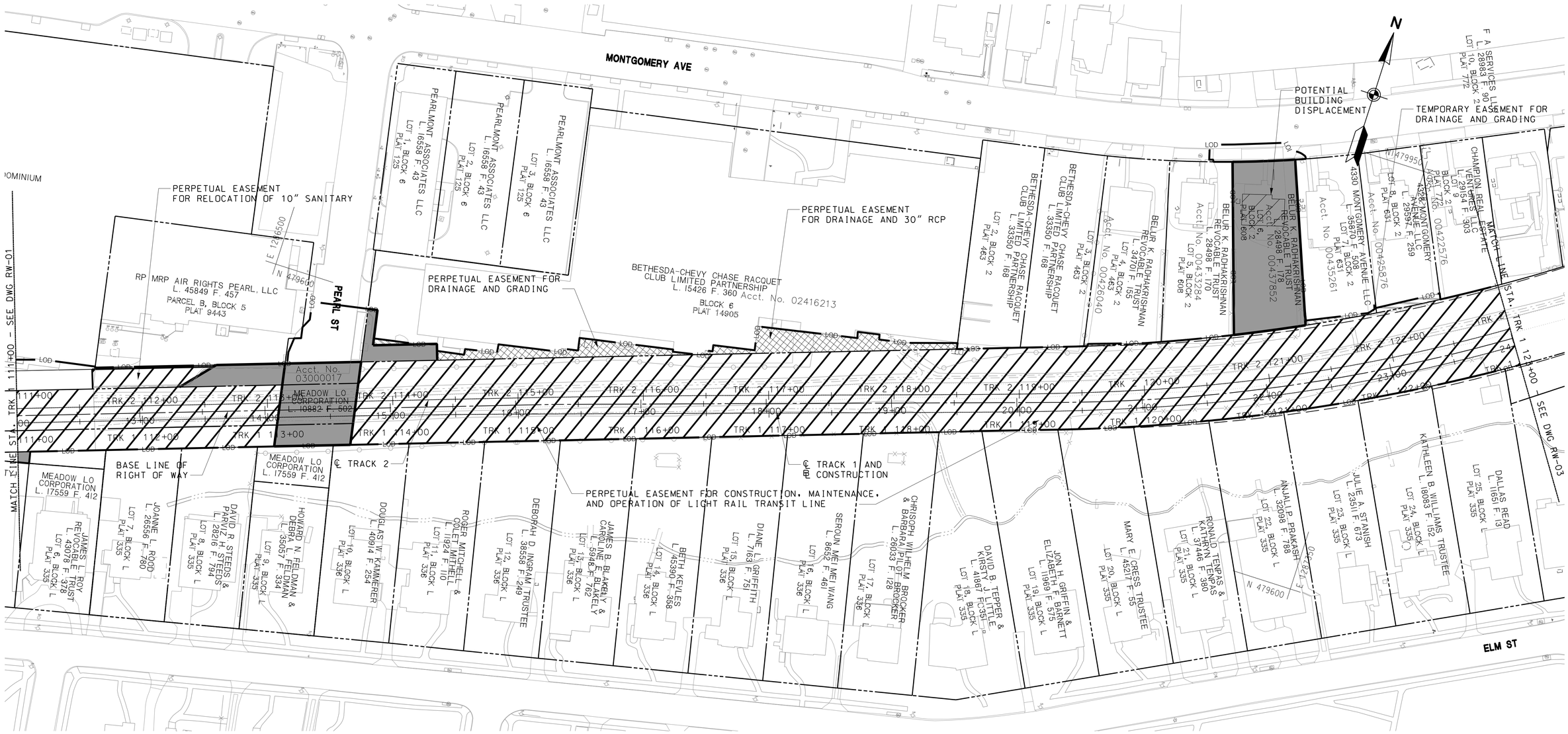
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 100+00 TO STA TRK 1 111+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. RW-01
SHEET NO. 7 OF 189

c:\pwworking\mtapw\wra-daniel beaver\d0108638\1042pRW1101.dgn
12/11/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland
License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

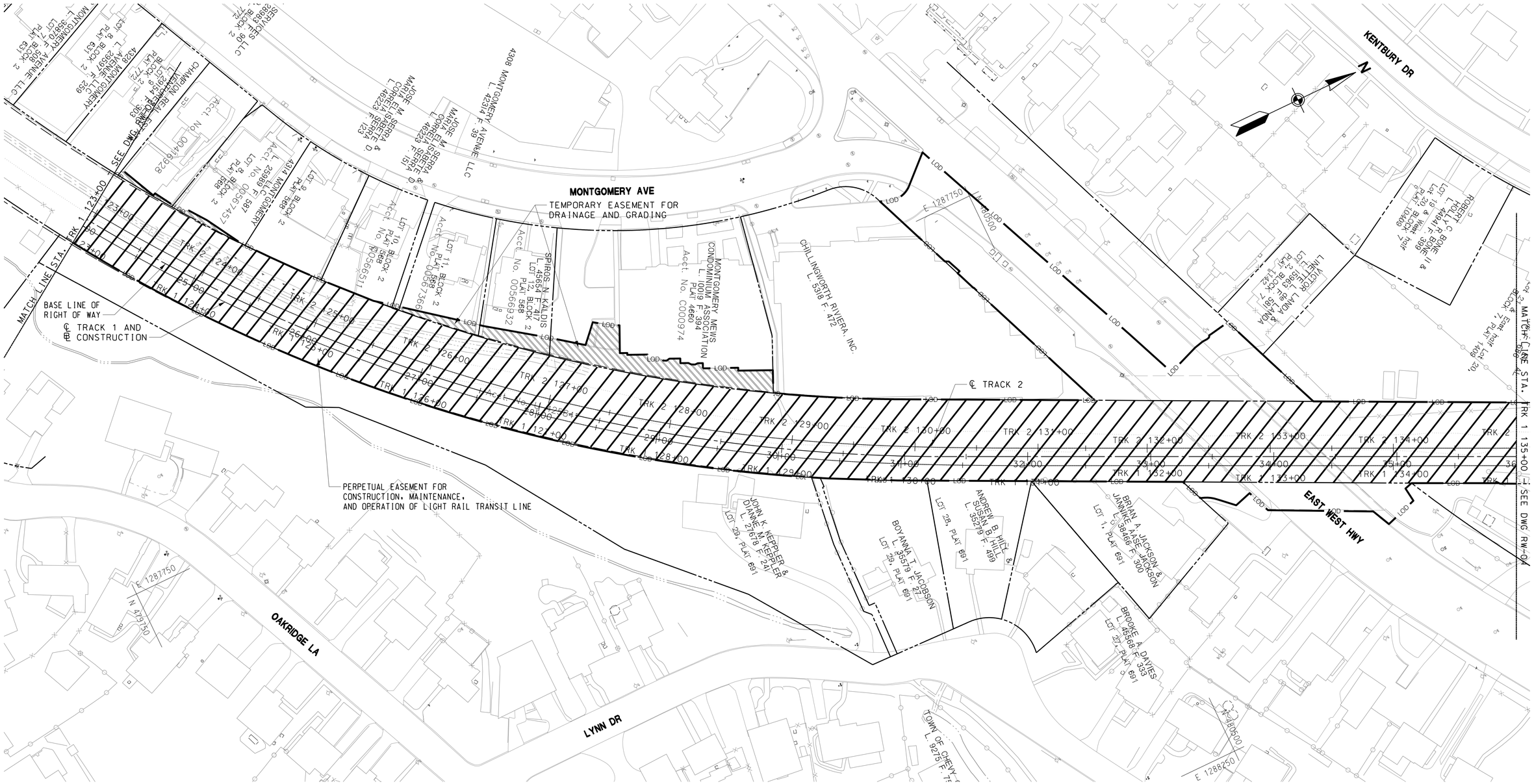
DESIGN	DTB
DRAWN	DTB
CHECK	AAS
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 111+00 TO STA TRK 1 123+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. RW-02
SHEET NO. 8 OF 189

c:\pwworking\mtapw\wra-daniel beaver\d0108638\1042pRW1101.dgn
12/11/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	DTB
DRAWN	DTB
CHECK	AAS
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 123+00 TO STA TRK 1 135+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. RW-03
SHEET NO. 9 OF 189

c:\pwworking\mtapw\wra-daniel beaver\d0108638\1042pRW1101.dgn
12/11/2013

PERPETUAL EASEMENT FOR CONSTRUCTION, MAINTENANCE, AND OPERATION OF LIGHT RAIL LINE

KENTBURY DR

TEMPORARY EASEMENT FOR DRAINAGE AND GRADING

PERPETUAL EASEMENT FOR STORM DRAIN CONNECTION

EDGEVALE CT

EDGEVA

EAST WEST HWY

MATCH LINE STA. TRK 1 135+00 – SEE DWG RW-03

MATCH LINE STA. TRK 1 147+00 – SEE DWG RW-05

BASE LINE OF RIGHT OF WAY

℄ TRACK 1 AND ℄ CONSTRUCTION

℄ TRACK 2

PL09 N 481245.2200 E 1286990.5200 ELEV 273.5620

PL12 N 481637.9140 E 1286884.1300 ELEV 264.7750

JAN DEARDORFF ET AL Lot 23, BLOCK 7 PLAT 1445 Liber 6196 Folio 32

ALEXANDER L. PERERA L. 36896 F. 708 Lot 22, BLOCK 7 PLAT 1445

CHARLES L. RICHARD L. 8217 F. 682 Lot 23, BLOCK 7 PLAT 1445

WIRT LAING BOWLES & JOANNE M. BOWLES L. 4898 F. 790 Lot 24, BLOCK 7 PLAT 1445

LEE EIDEN & MARGARET EIDEN L. 7980 F. 369 Lot 25, BLOCK 7 PLAT 1360

D'HAROLD LANDIS & ESTHER N. LANDIS L. 3093 F. 165 Lot 26, BLOCK 7 PLAT 1360

KAREN B. DIETRICH & KEITH S. DONIFACE L. 23964 F. 247 Lot 10, BLOCK 12 PLAT 1445

MARY A. KOTONIAS, TRUSTEE L. 18732 F. 271 Lot 9, BLOCK 12 PLAT 1445

JAMES DEVANEY & MAYURI GUNTUPALLI L. 42390 F. 232 Lot 8, BLOCK 12 PLAT 1445

IAN KELLY & FRANCESCA KELLY L. 34802 F. 611 Lot 7, BLOCK 12 PLAT 1445

SCOTT N. HARMON & MICHELLE C. HARMON L. 27070 F. 298 Lot 6, BLOCK 12 PLAT 1445

DOUGLAS CONSTRUCTION GROUP LLC L. 45223 F. 383 Lot 5, BLOCK 12 PLAT 1445

ROBERT SCHWARTZ & CAROL A. SCHWARTZ L. 35701 F. 764 Lot 4, BLOCK 12 PLAT 1445

FRANK A SLAZER L. 41802 F. 392 Lot 3, BLOCK 12 PLAT 1445

THOMAS LARYEA L. 43018 F. 62 Lot 2, BLOCK 12 PLAT 1445

GEOFF SHARPE & LAUREL HATT L. 40000 F. 259 Acct. No. 0035910036 Lot 1, BLOCK 12 PLAT 1445

PATRICK OLIVER KANOLD & JUDY YUNG TSO LIVING TRUST L. 37326 F. 193 Lot 10, BLOCK 7 PLAT 1445

WILLIAM G. DANSIE & ANN H. DANSIE L. 1262 F. 349 Lot 9, BLOCK 7 PLAT 1445

VICTOR LINDA & NANETTE LINDA L. 4057 F. 69 Lot 1, BLOCK D PLAT 2006

TERRY M. OWENS & CINDY A. OWENS L. 23503 F. 445 Lot 2, BLOCK D PLAT 2006

TOHAMI MOAD GHOLAF & HODA F. MAHIM L. 42609 F. 322 Lot 3, BLOCK D PLAT 2006

BLANCA M. WILDOMO L. 20425 F. 252 Lot 4, BLOCK D PLAT 2006

SILVA ANANTHAM & CYNTHIA WEISS L. 42818 F. 146 Lot 5, BLOCK D PLAT 2006

SUHAIL S. HISHMEH & MARY J. HISHMEH L. 9781 F. 258 Lot 11, BLOCK C PLAT 2006

S. TATYANA RINGLAND L. 16360 F. 140 Lot 12, BLOCK C PLAT 2006

ELARD R. MANIQUE & ROAS MARIA ESQUERRE L. 19680 F. 98 Lot 14, BLOCK C PLAT 2006

PEGGY ANN MCKELPIN L. 4922 F. 837 Lot 15, BLOCK C PLAT 2006

JUDITH ANASH EBON. TRUSTEE L. 34555 F. 446 Lot 16, BLOCK C PLAT 2006

LOUIS O. SMITH 3RD & ADRIENNE L. POTTS L. 36666 F. 135 Lot 17, BLOCK C PLAT 2006

RAUL H FELDMAN & LYNDA D. WILLIAMS L. 4359 F. 56 Acct. No. 0004253118 Lot 19 Block C PLAT 2006

WILLIAM H. CLAMPITT JR & MARY J. CLAMPITT L. 2137 F. 49 Lot 20, BLOCK C PLAT 2006

SHEREEF K. SAYYAD & VERA LEE SAYYAD L. 4288 F. 855 Lot 18, BLOCK C PLAT 2006

JOHN S. ANDERSON & CAROL J. ANDERSON L. 33108 F. 425 Lot 13, BLOCK C PLAT 2006

LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

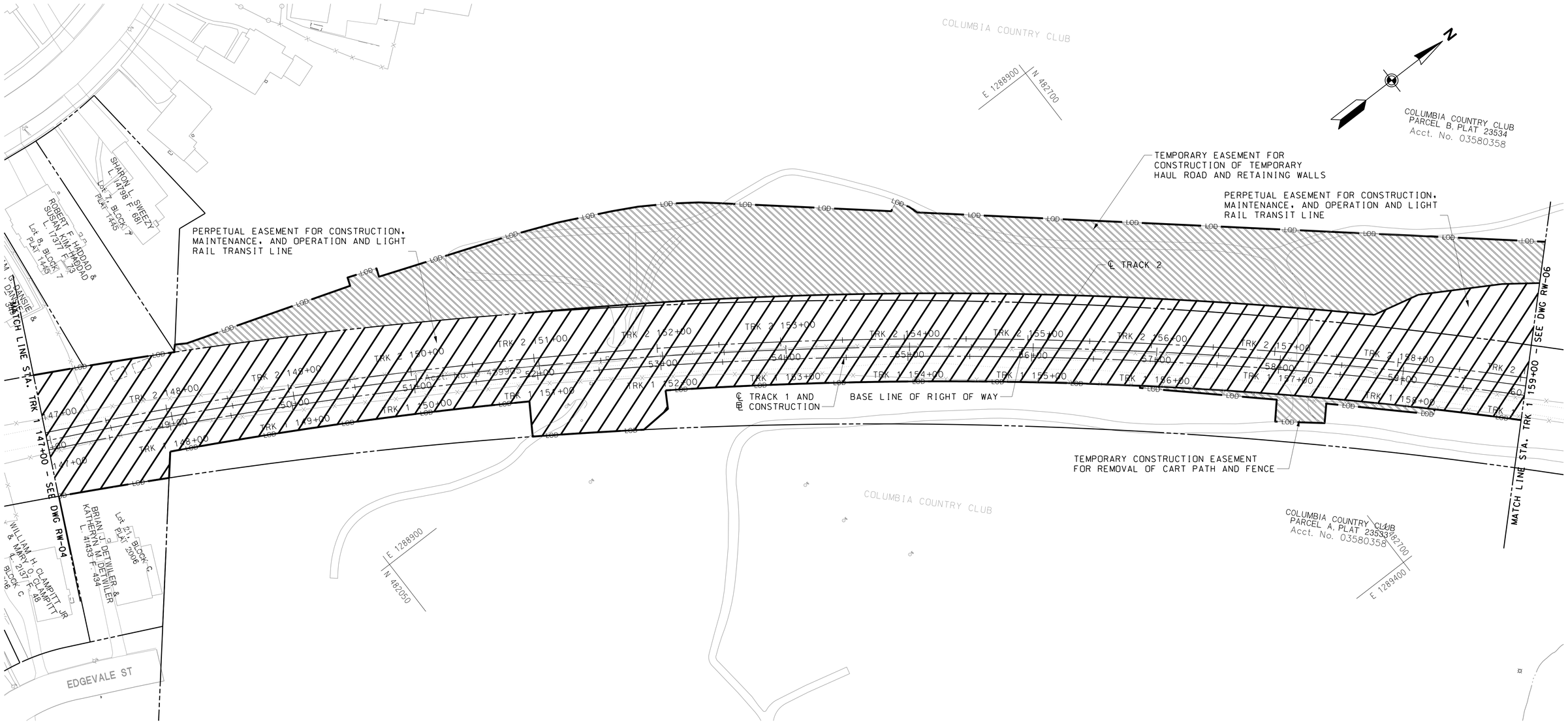
DESIGN	DTB
DRAWN	DTB
CHECK	AAS
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 135+00 TO STA TRK 1 147+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220
DRAWING NO. RW–04
SHEET NO. 10 OF 189

c:\pwworking\mtapw\wra-daniel beaver\d0108638\1042pRW1101.dgn
12/11/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	DTB
DRAWN	DTB
CHECK	AAS
APPR	

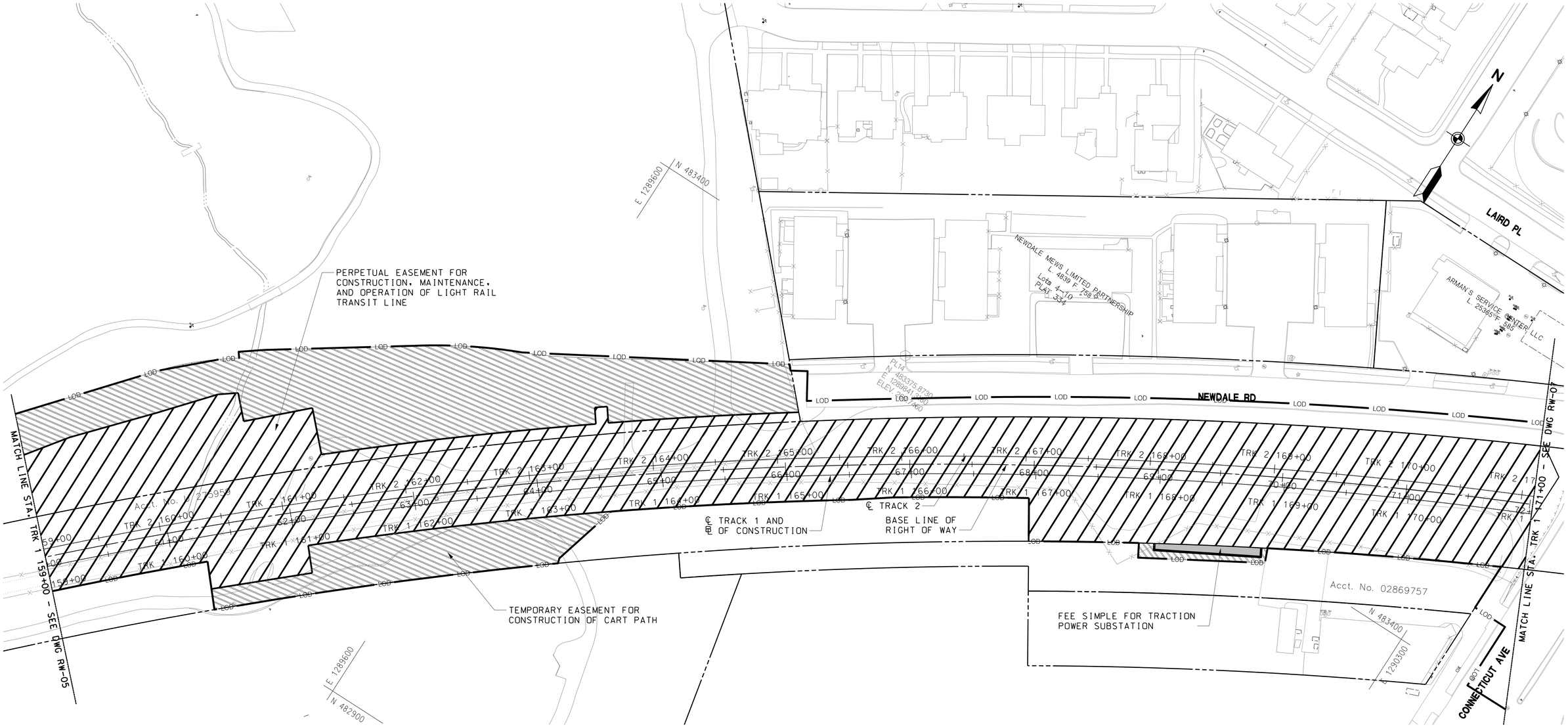
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 147+00 TO STA TRK 1 159+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. RW-05
SHEET NO. 11 OF 189

c:\pwworking\mtapw\wra-daniel beaver\d0108638\1042pRW1101.dgn
12/11/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

40' 0 40' 80'
SCALE: 1"=40'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland
License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	DTB
DRAWN	DTB
CHECK	AAS
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 159+00 TO STA TRK 1 171+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. RW-06
SHEET NO. 12 OF 189

c:\pwworking\mtapw\wra-daniel beaver\d0108638\1042pRW1101.dgn
12/11/2013

CONNECTICUT AVE

HN43, P417
CHEVY CHASE LAND COMPANY OF MONTGOMERY COUNTY, MARYLAND
L. 18300 F. 510

HN43, P448
CHEVY CHASE LAND COMPANY OF MONTGOMERY COUNTY, MARYLAND
L. 24554 F. 613
Acct. No. 00438264

N 483850
E 1290550

TEMPORARY CONSTRUCTION EASEMENT FOR BRIDGE ABUTMENT FOOTER

POTENTIAL BUILDING DISPLACEMENT

HN43, P396
CHEVY CHASE LAND COMPANY OF MONTGOMERY COUNTY, MARYLAND
L. 18300 F. 510
Acct. No. 00431888

℄ TRACK 2

CHEVY CHASE LAND COMPANY
L. 1158 F. 240
BLOCK 2, PARCEL A, PLAT 2171

PERPETUAL EASEMENT FOR CONSTRUCTION, MAINTENANCE, AND OPERATION OF LIGHT RAIL TRANSIT LINE

CHEVY CHASE LAKE APARTMENTS #5
L. 1158 F. 240
BLOCK 2, LOT 3, PLAT 2171

CHEVY CHASE LAKE APARTMENTS #6
L. 1158 F. 243
BLOCK 2, LOT 3, PLAT 2171

CHEVY CHASE LAK
APARTMENTS #7
L. 1158 F. 246
BLOCK 2, LOT 3, PLAT

N

MATCHLINE STA TRK 1 171+00 – SEE DWG RW-06

MATCHLINE STA TRK 1 183+00 – SEE DWG RW-08

TRK 2 171+00 | TRK 2 172+00 | TRK 2 173+00 | TRK 2 174+00 | TRK 2 175+00 | TRK 2 176+00 | TRK 2 177+00 | TRK 2 178+00 | TRK 2 179+00 | TRK 2 180+00 | TRK 2 181+00 | TRK 2 182+00 | TRK 2

TRK 1 171+00 | TRK 1 172+00 | TRK 1 173+00 | TRK 1 174+00 | TRK 1 175+00 | TRK 1 176+00 | TRK 1 177+00 | TRK 1 178+00 | TRK 1 179+00 | TRK 1 180+00 | TRK 1 181+00 | TRK 1 182+00 | TRK 1

71+00 | 73+00 | 74+00 | 75+00 | 76+00 | 77+00 | 78+00 | 79+00 | 80+00 | 81+00 | 82+00 | 83+00 | 84+

Acct. No. U 275963

LOD

CHEVY CHASE LAKE PLATFORMS

CHEVY CHASE LAND CO.
PARCEL A, PLAT 2171

℄ TRACK 1 AND ℄ CONSTRUCTION

BASE LINE OF RIGHT OF WAY

CHEVY CHASE LAKE
DEVELOPMENT CORPORATION
L. 29414 F. 333
BLOCK 1, LOT 1, PLAT 2171

CHEVY CHASE LAKE
DEVELOPMENT CORPORATION
L. 29414 F. 333
BLOCK 1, LOT 2, PLAT 2171

CHEVY CHASE LAKE
DEVELOPMENT CORPORATION
L. 29414 F. 333
BLOCK 1, LOT 3, PLAT 2171

MATCHLINE STA

N 483850
E 1291450

1290550
N 483400

CHEVY CHASE LAKE DR

LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	DTB
DRAWN	DTB
CHECK	AAS
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 171+00 TO STA TRK 1 183+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. RW-07
SHEET NO. 13 OF 189

c:\pwworking\mtapw\wra-daniel beaver\d0108638\1042pRW1101.dgn
12/11/2013

CHEVY CHASE LAKE APARTMENTS #7
L. 1158 F. 246
CK 2, LOT 3, PLAT 2171

CHEVY CHASE LAKE APARTMENTS #8
L. 1158 F. 249
BLOCK 2, LOT 4, PLAT 2171

CHEVY CHASE VILLAS, LLC
L. 15412 F. 278
BLOCK 2, LOT 5
PLAT 8928
Acct. No. C000047

E 1291700
N 484400

PRESTON PL

N

PERPETUAL EASEMENT FOR STREAM RELOCATION AND CONSTRUCTION OF CULVERT

CHASE MANOR, INC.
L. 2444 F. 129
BLOCK 2, PART PARCEL 2
PLAT 2171

℄ TRACK 2

PERPETUAL EASEMENT FOR CONSTRUCTION, MAINTENANCE, AND OPERATION OF LIGHT RAIL TRANSIT LINE

MATCH LINE STA. TRK 1 183+00 – SEE DWG RW-07

MATCH LINE STA. TRK 1 195+00 – SEE DWG RW-09

LOD

TRK 2 183+00 / TRK 1 183+00
TRK 2 184+00 / TRK 1 184+00
TRK 2 185+00 / TRK 1 185+00
TRK 2 186+00 / TRK 1 186+00
TRK 2 187+00 / TRK 1 187+00
TRK 2 188+00 / TRK 1 188+00
TRK 2 189+00 / TRK 1 189+00
TRK 2 190+00 / TRK 1 190+00
TRK 2 191+00 / TRK 1 191+00
TRK 2 192+00 / TRK 1 192+00
TRK 2 193+00 / TRK 1 193+00
TRK 2 194+00 / TRK 1 194+00
TRK 2 / TRK 1

CHASE LAKE
NT CORPORATION
414 F. 333
OT 3, PLAT 2171

CHEVY CHASE LAKE DEVELOPMENT CORPORATION
L. 29414 F. 333
BLOCK 1, LOT 4, PLAT 2171

E 1291700
N 484000

BASE LINE OF RIGHT OF WAY

℄ TRACK 1 AND ℄ CONSTRUCTION

RICHARD O. HAASE, NANCY B. HAASE, WILLIAM J. KIRCHIRO & SALLY B. KIRCHIRO
L. 4250 F. 29
BLOCK 1, LOT 5 PLAT 6858
Acct. No. C000234

PERPETUAL EASEMENT FOR STREAM RELOCATION AND CONSTRUCTION OF CULVERT

HAMLET PLACE OWNERS, INC.
L. 4116 F. 744
BLOCK 1, LOT 6, PLAT 6858

CHEVY CHASE LAND COMPANY OF MONTGOMERY COUNTY, MARYLAND
JA 40 F. 430
BLOCK 1, PART OF LOT 6, PLAT 6858

N 484400
E 1292500

LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland
License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	DTB
DRAWN	DTB
CHECK	AAS
APPR	

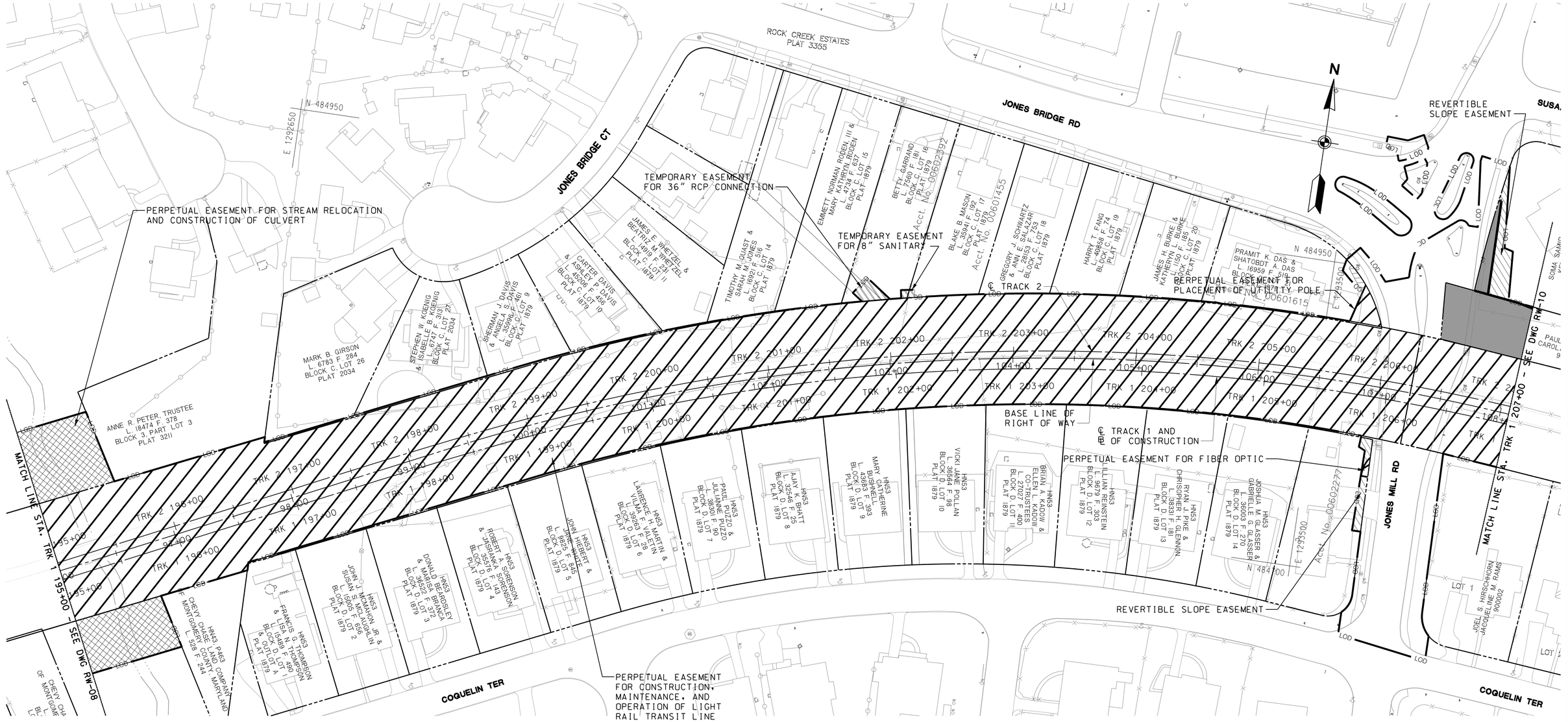
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 183+00 TO STA TRK 1 195+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220
DRAWING NO. RW–08
SHEET NO. 14 OF 189

c:\pwworking\mtapw\wra-daniel beaver\d0108638\1042pRW1101.dgn
12/11/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	DTB
DRAWN	DTB
CHECK	AAS
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 195+00 TO STA TRK 1 207+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. RW-09
SHEET NO. 15 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\130 GEC CADD Files\Zone 01-West\Civil\Sheet Files\Right Of Way Sheets\1042pRW1109.dgn
12/18/2013

SUSANNA LA

ROCK CREEK ESTATES
PLAT 3355

SOMA SAMIR CHAKRAVARTY
KENNETH W. HARRISON
900000
Acct. No. C

LOT 2

N/F
FELIX FRIEDBERG
& GLADYS FRIEDBERG

LOT 3

N/F
PAUL A. CARROLL &
CAROLINE M. DUPONT

LOT 4

N/F
JULIE ANNE UTANO,
TRUSTEE

LOT 5

N 485000

E 1294000

N/F
HOPE PEEK &
ERIC S. PEEK

TEMP CONSTRUCTION
EASEMENT

PERPETUAL EASEMENT FOR
CONSTRUCTION, MAINTENANCE,
AND OPERATION OF LIGHT RAIL LINE

ROCK CREEK

N/F
MARYLAND NATIONAL CAPITOL
PARK AND PLANNING COMMISSION
L. 534 F. 469

N

N 485000

E 1294800

ROCK CREEK PARK

PAUL CARROLL
CAROLINE DUPONT
900001
Acct. No. 00418005

LOD

N/F
MONTGOMERY COUNTY,
MARYLAND

MATCH LINE STA. TRK 1 207+00 – SEE DWG RW-09

MATCH LINE STA. TRK 1 219+00 – SEE DWG RW-11

TRK 2 208+00 | TRK 2 209+00 | TRK 2 210+00 | TRK 2 211+00 | TRK 2 212+00 | TRK 2 213+00 | TRK 2 214+00 | TRK 2 215+00 | TRK 2 216+00 | TRK 2 217+00 | TRK 2 218+00

109+00 | 110+00 | 111+00 | 112+00 | 113+00 | 114+00 | 115+00 | 116+00 | 117+00 | 118+00 | 119+00 | 120+00

TRK 1 208+00 | TRK 1 209+00 | TRK 1 210+00 | TRK 1 211+00 | TRK 1 212+00 | TRK 1 213+00 | TRK 1 214+00 | TRK 1 215+00 | TRK 1 216+00 | TRK 1 217+00 | TRK 1 218+00

℄ TRACK 2

℄ TRACK 1 AND ℄ CONSTRUCTION

BASE LINE OF
RIGHT OF WAY

Acct. No. 00029342

ROCK CREEK PARK

JOEL S. HIRSCHHORN
JACQUELINE M. RAMS
900002
1601945

LOT 1

N/F
WARD W. McCARRAGHER
& MARIE V. McCARRAGHER

LOT 2

N/F
JOSEPH A. DURA &
JANET A. NOVOTNY-DURA

LOT 3

N/F
THOMAS N. IRVINE
& LORNA IRVINE

LOT 4

N/F
THERESA HELFMAN TAYLOR
& JERRY S. TAYLOR

LOT 5

N/F
NANCY LEE MATTHEWS,
TRUSTEE

LOT 6

N 484700

E 1294000

COQUELIN TER

ROCK CREEK KNOLL
PLAT 1658

N/F
MARYLAND NATIONAL CAPITOL
PARK AND PLANNING COMMISSION
L. 558 F. 332

LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	DTB
DRAWN	DTB
CHECK	AAS
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 207+00 TO STA TRK 1 219+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. RW-10
SHEET NO. 16 OF 189

c:\pwworking\mtapw\wra-daniel beaver\d0108638\1042pRW1101.dgn
12/11/2013

MATCH LINE STA. TRK 1 219+00 - SEE DWG RW-10

MATCH LINE STA. TRK 1 231+00 - SEE DWG RW-12

STORAGE

N 484900

E 1295100

REVERTIBLE SLOPE EASEMENT FOR TPSS

N 63 P116
MONTGOMERY CO
NO MONUMENTS INSTALLED FOR

AREA UC

BROOKVILLE RD

PERPETUAL EASEMENT FOR ELECTRICAL DUCTBANK

MONTGOMERY COUNTY, MARYLAND
900004
Acct. No. 0097104

TEMPORARY CONSTRUCTION EASEMENT

℄ TRACK 2

TRK 2 220+00
TRK 2 221+00
TRK 2 222+00
TRK 2 223+00
TRK 2 224+00
TRK 2 225+00
TRK 2 226+00
TRK 2 227+00
TRK 2 228+00
TRK 2 229+00
TRK 2 230+00
TRK 1 220+00
TRK 1 221+00
TRK 1 222+00
TRK 1 223+00
TRK 1 224+00
TRK 1 225+00
TRK 1 226+00
TRK 1 227+00
TRK 1 228+00
TRK 1 229+00
TRK 1 230+00

BASE LINE OF RIGHT OF WAY

℄ TRACK 1 AND ℄ CONSTRUCTION

PERPETUAL EASEMENT FOR 16" WATER LINE

TEMPORARY CONSTRUCTION EASEMENT

ROUND HILL APARTMENTS LLC
900005
Acct. No. 00977060

PARCEL A
PARK VISTA APARTMENTS
PLAT 5460

HN63 N266
ROUND HILL APARTMENTS LLC
NO DEED
PLAT 5460 PARK VISTA APAARTMENTS
ONE MONUMENT FROM PLAT

PERPETUAL EASEMENT FOR CONSTRUCTION, MAINTENANCE, AND OPERATION OF LIGHT RAIL LINE

E 1295100
N 484500

E 1295900
N 484500

GRUBB RD

N

40′ 0 40′ 80′
SCALE: 1"=40′

LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	DTB
DRAWN	DTB
CHECK	AAS
APPR	

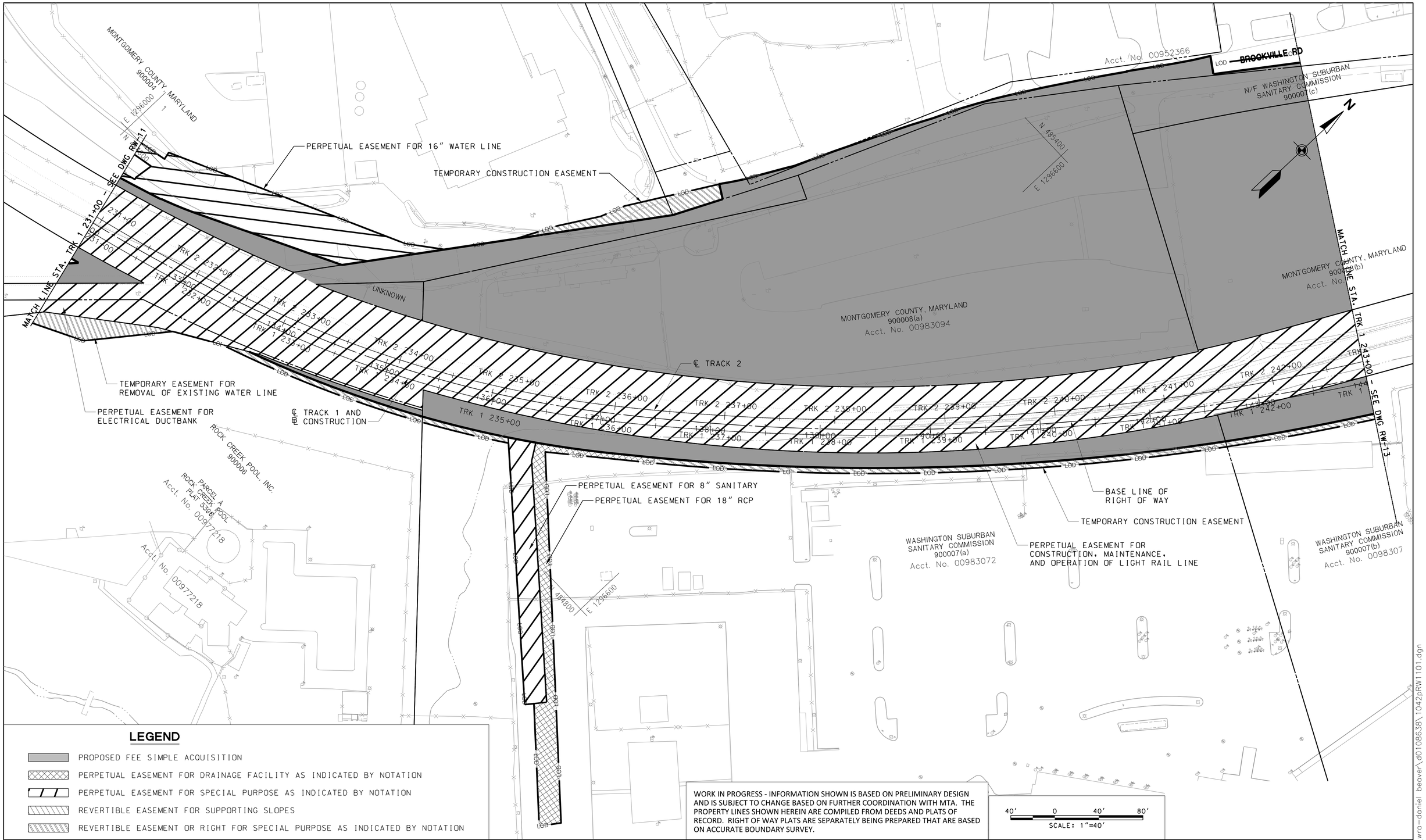
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 219+00 TO STA TRK 1 231+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. RW-11
SHEET NO. 17 OF 189

c:\pwworking\mtapw\wra-daniel.beaver\d0108638\1042pRW1101.dgn
12/11/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	DTB
DRAWN	DTB
CHECK	AAS
APPR	

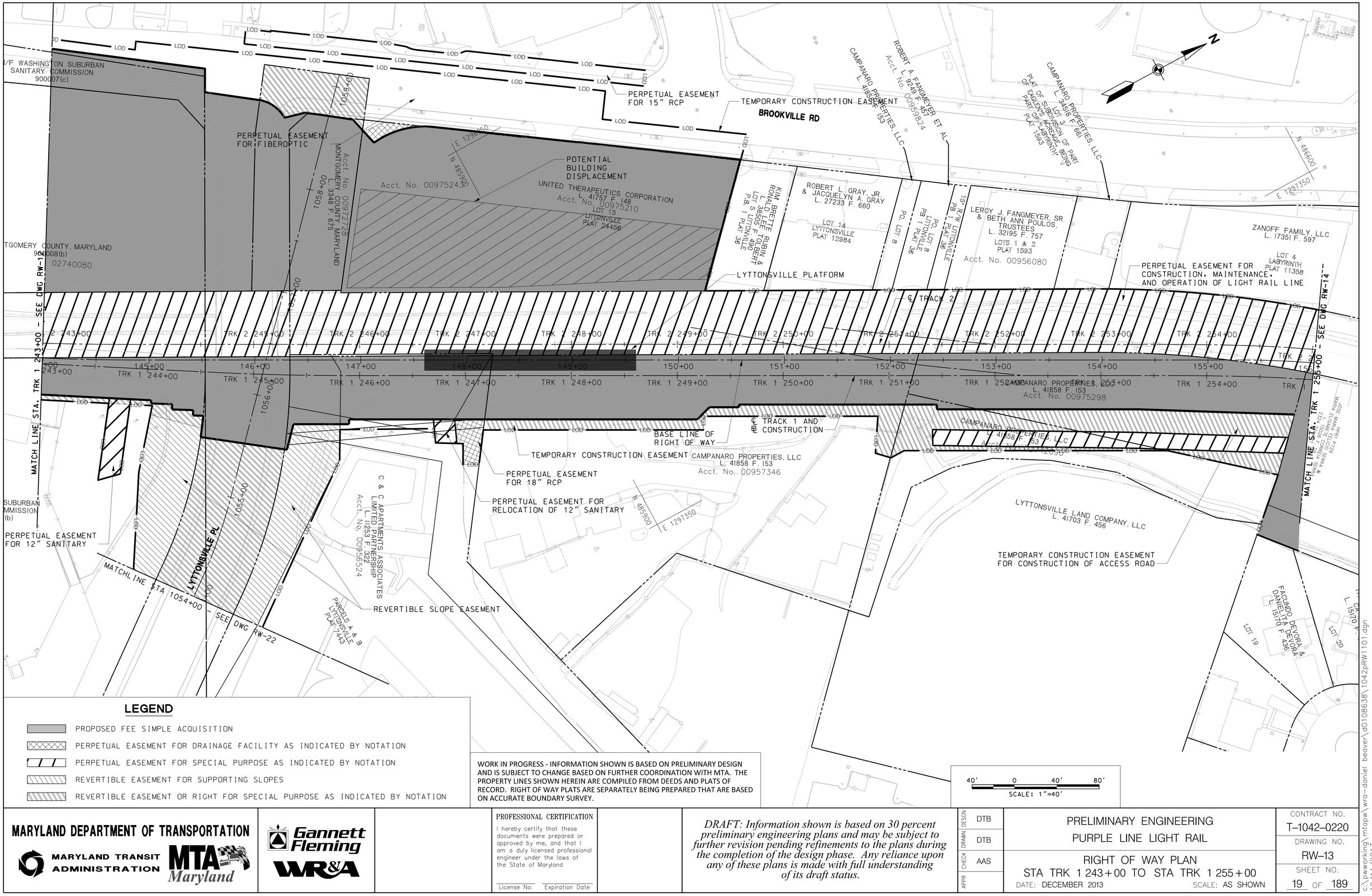
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 231+00 TO STA TRK 1 243+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. RW-12
SHEET NO. 18 OF 189

c:\pwworking\mtapw\wro-daniel beaver\d0108638\1042pRW1101.dgn
12/11/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	DTB
DRAWN	DTB
CHECK	AAS
APPR	

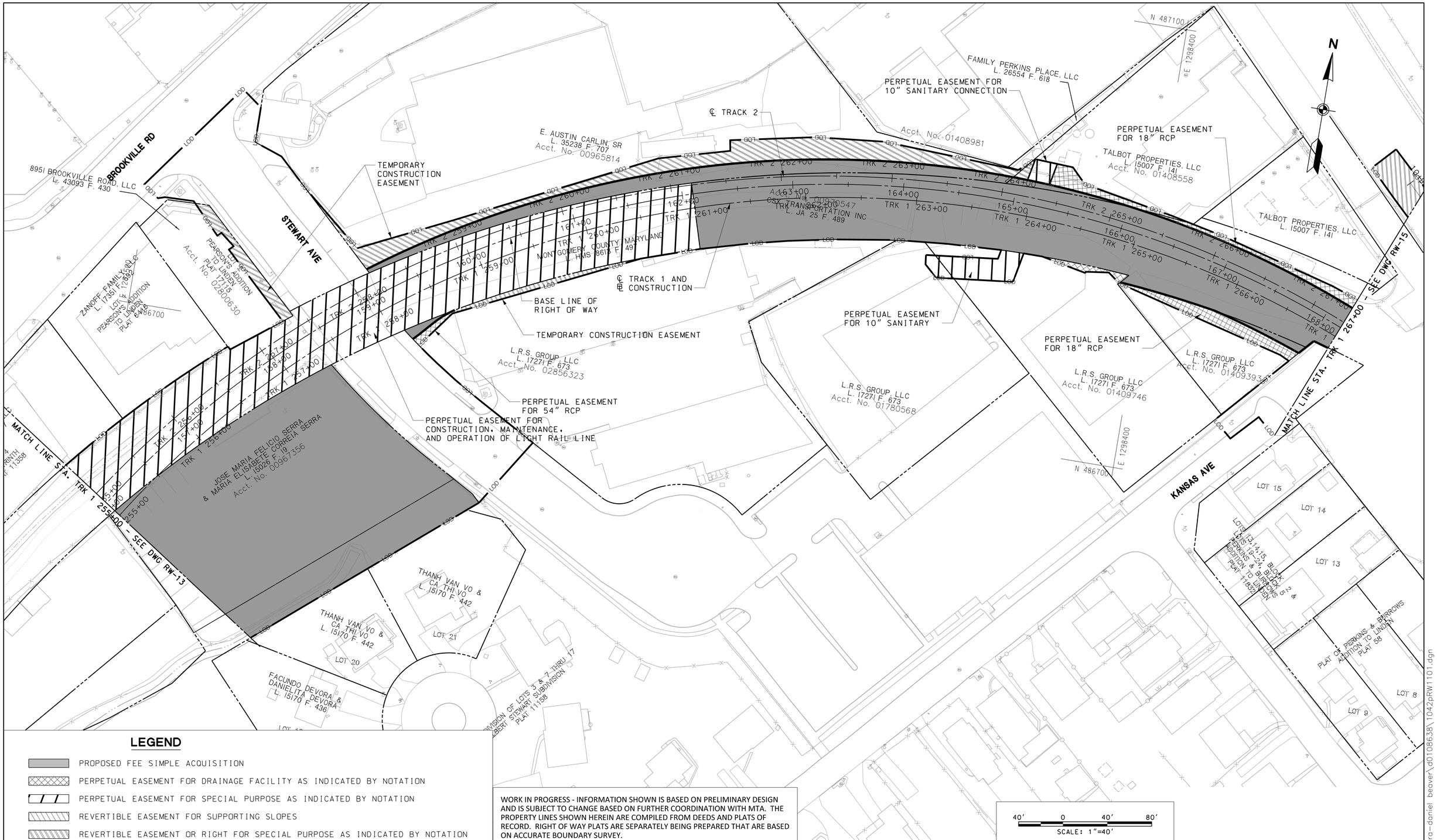
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 243+00 TO STA TRK 1 255+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. RW-13
SHEET NO. 19 OF 189

c:\pwworking\mtapw\wra-daniel beaver\d0108638\1042pRW1101.dgn
12/11/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION

MTA Maryland

Gannett Fleming

WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	DTB
DRAWN	DTB
CHECK	AAS
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 255+00 TO STA TRK 1 267+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. RW-14

SHEET NO. 20 OF 186

c:\pwworking\mtapw\wra-daniel beaver\d0108638\1042pRW1101.dgn
12/11/2013

LUZERNE AVE

LANIER DR

HANOVER ST

4TH AVE
TEMPORARY CONSTRUCTION EASEMENT

TCE FOR CONSTRUCTION OF RELOCATED CSX SIDING TRACK

PERPETUAL EASEMENT FOR ACCESS TO OVERHEAD UTILITIES (PEPCO)

TEMP EASEMENT FOR CONSTRUCTION OF RELOCATED CSX SIDING TRACK

PERPETUAL EASEMENT FOR CSX TO MAINTAIN DRAINAGE DITCH

TEMP EASEMENT FOR CONSTRUCTION OF DRAINAGE DITCH

AERIAL EASEMENT FOR TALBOT AVE BRIDGE - BOTTOM ELEVATION 346.00'

℄ TRACK 2

℄ TRACK 1 AND ℄ CONSTRUCTION

BASE LINE OF RIGHT OF WAY

TALBOT AVE WEST

TALBOT AVE EAST

TEMPORARY CONSTRUCTION EASEMENT

MATCH LINE STA. TRK 1 267+00 – SEE DWG RW-14

MATCH LINE STA. TRK 1 279+00 – SEE DWG RW-16

MICHIGAN AVE

Acct. No. 01409096
CSX TRANSPORTATION INC
L. JA 25 F. 489

Lot 8, Block D
PB 37 P. 259
TM JP121, Zoning R60

Gail P. Stetler
L 13552 F 652
Lot 9, Block D
PB 37 P. 259
TM JP121, Zoning R60

John P. Lowry et al
L 5570 F 218
Lot 10, Block D
PB 37 P. 259
TM JP121, Zoning R60

Laura L. Distelcamp et al
L 38516 F 249
Lot 11, Block D
PB 37 P. 259
TM JP121, Zoning R60

Joe L. Cates et ux
L 6140 F 461
Lot 12, Block D
PB 37 P. 259
TM JP121, Zoning R60

Ann P. Sheridan
L 8409 F 535
Lot 13, Block D
PB 37 P. 259
TM JP121, Zoning R60

Sara R. Bartz et al
L 8977 F 641
Lot 14, Block D
PB 37 P. 259
TM JP121, Zoning R60

Ronald A. Newmyer
L 14170 F 322
Lot 15, Block D
PB 37 P. 259
TM JP121, Zoning R60

Ramon O. Ruiz
et ux L 4570 F 806
Lot 16, Block D
PB 37 P. 259
TM JP121, Zoning R60

PAUL G. MIREL
L. 14328 F. 588
LOT 17

JOSE G. ALZATE &
ADA L. ALZATE
L 17200 F. 506

Acct. No. 01147553

LOT 18

LEWIS G. & GRACE M. JOHNSON
L. 629 F. 121
Acct. No. 01147850

LOT 19

JARIO H. AGREDA &
MARLENE F. ON
L 33822 F. 100
Acct. No. 01148898

LOT 20

4TH AVENUE RESIDUE
Acct. No. U 36142

Heather Calvert Kratz et vir
L 26532 F 761
Lot 12, Block 26
PB A 60
TM JP121, Zoning R60

N 486700

Rosemary J. Kelly
L 30625 F. 758
Lot 11, Block 26
PB A 60
TM JP121, Zoning R60

RICHARD M. GALLOWAY &
ANN JESSICA COHEN
L 7379 F 619
Acct. No. 01984221

LOT 13 BLOCK 26
B.F. LEIGHTON'S ADDITION TO
WOODSIDE
PLAT 12913

Acct. No. 01080393
KATHLEEN MCSKEANE
MARY JOAN DUFFY &
MICHAEL B. DUFFY
L. 39984 F. 18

LOT 14
BLOCK 25

Acct. No. 01090778
TIEMOKO COULIBALY &
FATOU GAYE COULIBALY
L. 35251 F. 249

Acct. No. 01408833

LOTS 13,14,15 BLOCK
LOTS 18-21 BLOCK
PERKINS & BURROWS
ADDITION TO LINDEN
PLAT 11832

LOT 15
LOT 14
LOT 13

PLAT OF PERKINS & BURROWS ADDITION TO LINDEN
PLAT 58

LOT 7
LOT 8
LOT 9

REINA BONILLA &
DOUGLAS M. BOLANOS-BATRES
L. 25822 F. 66
LOT 24

Acct. No. 01409929
JOSE I. JUAREZ &
MARIA DE LA CRUZ JUAREZ
L. 29740 F. 498
LOT 25

ROGER D. RAFLER
L. 5191 F. 517
LOT 26

Acct. No. 01409336

HAILU SHEWAYE
L. 44401 F. 512

Acct. No. 01409757

LOT 27

VERNON A. STEWART &
DOROTHY L. STEWART
L. 4858 F. 534

PART OF LOT 5

Acct. No. 01792841

LOT 17

IVOR L. HODGSON &
JUDITH E. HODGSON
TRUSTEES
L 43002 F. 398
Acct. No. 01792794

LOT 16

HELEN A. AYOUB
L. 36686 F. 311

PERKINS & BURROWS
ADDITION TO LINDEN
LOTS 16-19 BLOCK 3
LOTS 36-39 BLOCK 4
PLAT 11672

BOARD OF EDUCATION
OF MONTGOMERY COUNTY
L. 2066 F. 534

Acct. No. 00954236
BOARD OF EDUCATION
OF MONTGOMERY COUNTY
L. 2066 F. 534

LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	DTB
DRAWN	DTB
CHECK	AAS
APPR	

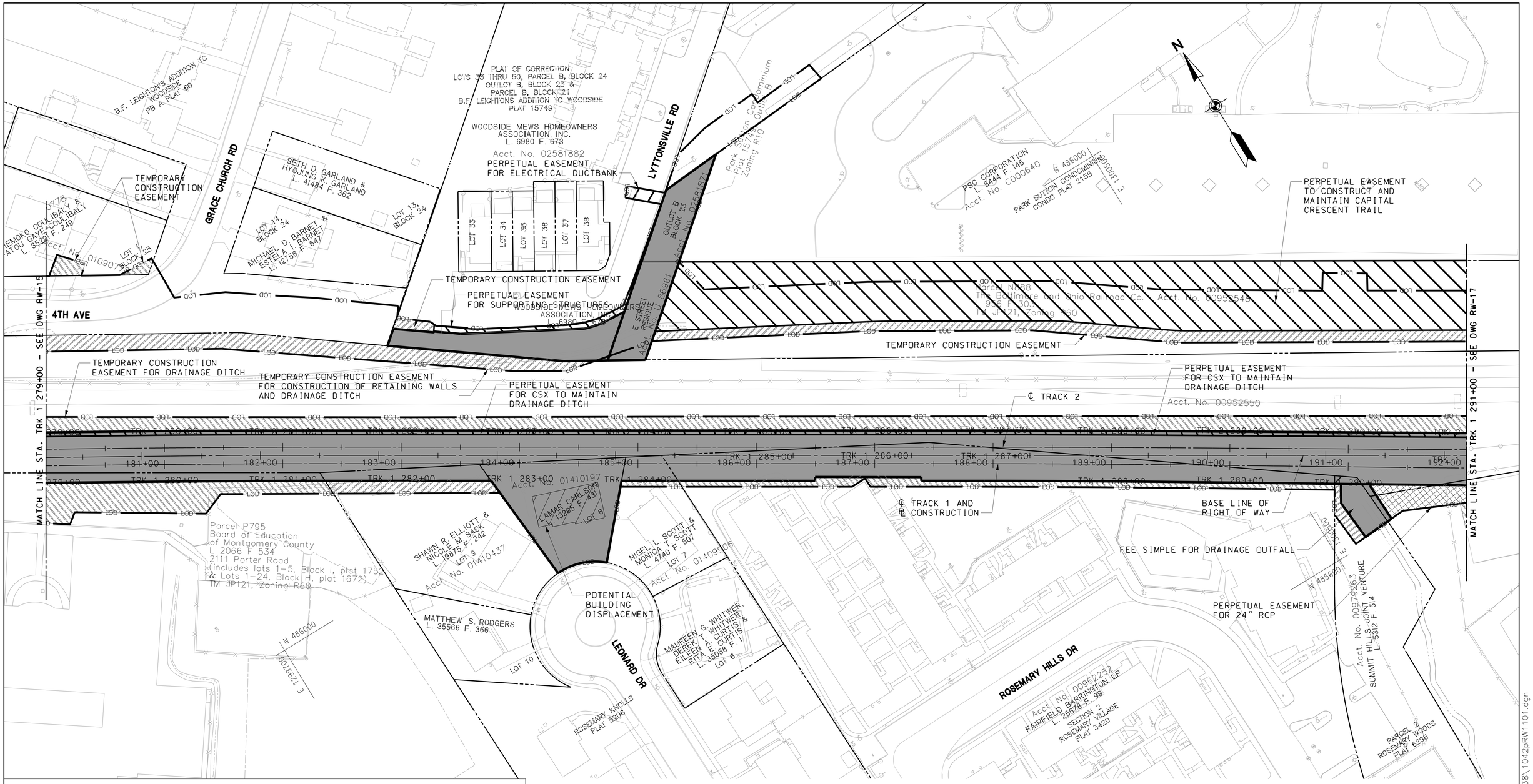
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 267+00 TO STA TRK 1 279+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220
DRAWING NO. RW–15
SHEET NO. 21 OF 189

c:\pwworking\mtapw\wra-daniel beaver\d0108638\1042pRW1101.dgn
12/11/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland
License No. Expiration Date

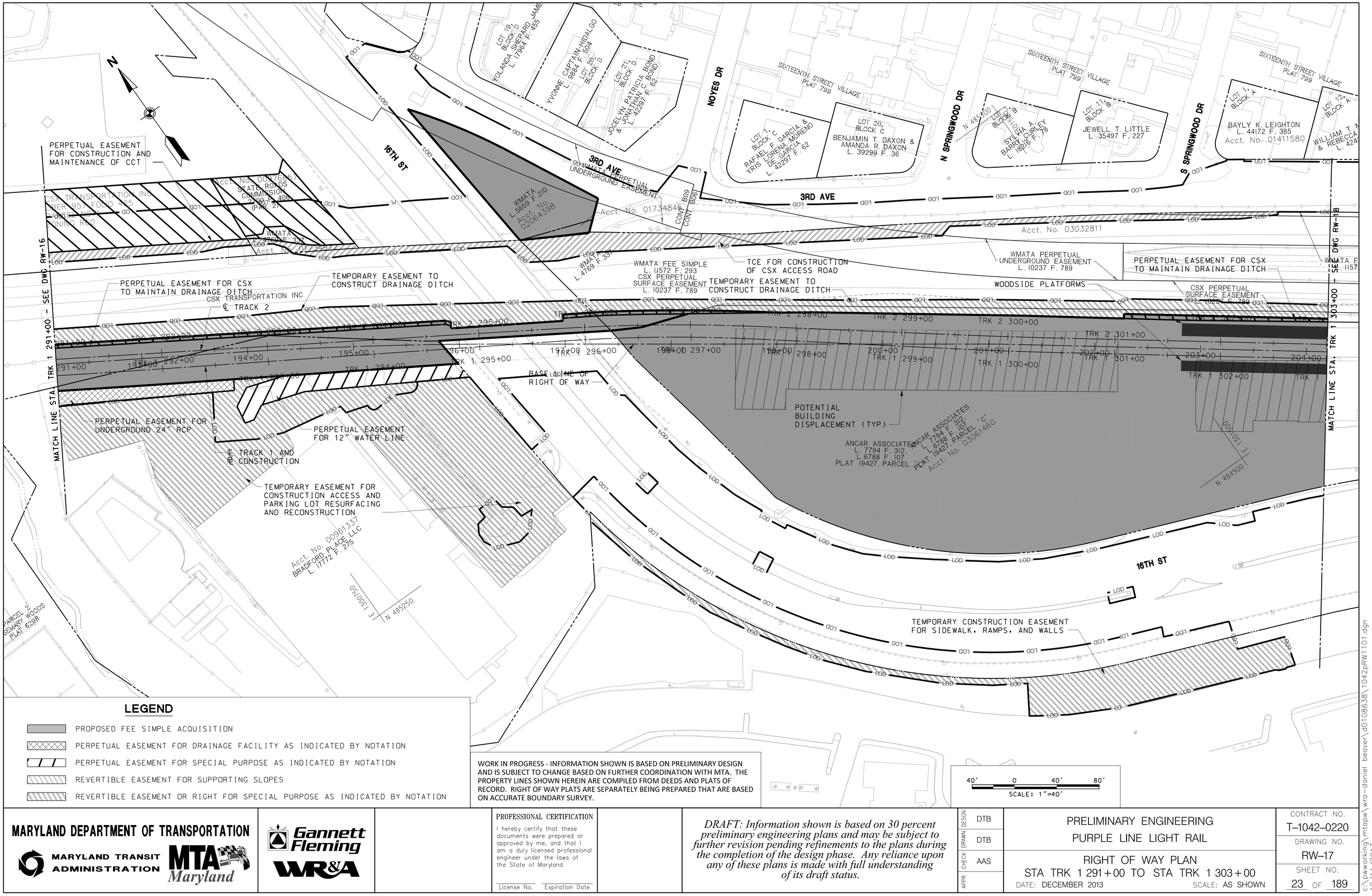
DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	DTB
DRAWN	DTB
CHECK	AAS
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL
RIGHT OF WAY PLAN
STA TRK 1 279+00 TO STA TRK 1 291+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. RW-16
SHEET NO. 22 OF 189

c:\pwworking\mtapw\wra-daniel beaver\d0108638\1042RW1101.dgn
12/11/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	DTB
DRAWN	DTB
CHECK	AAS
APPR	

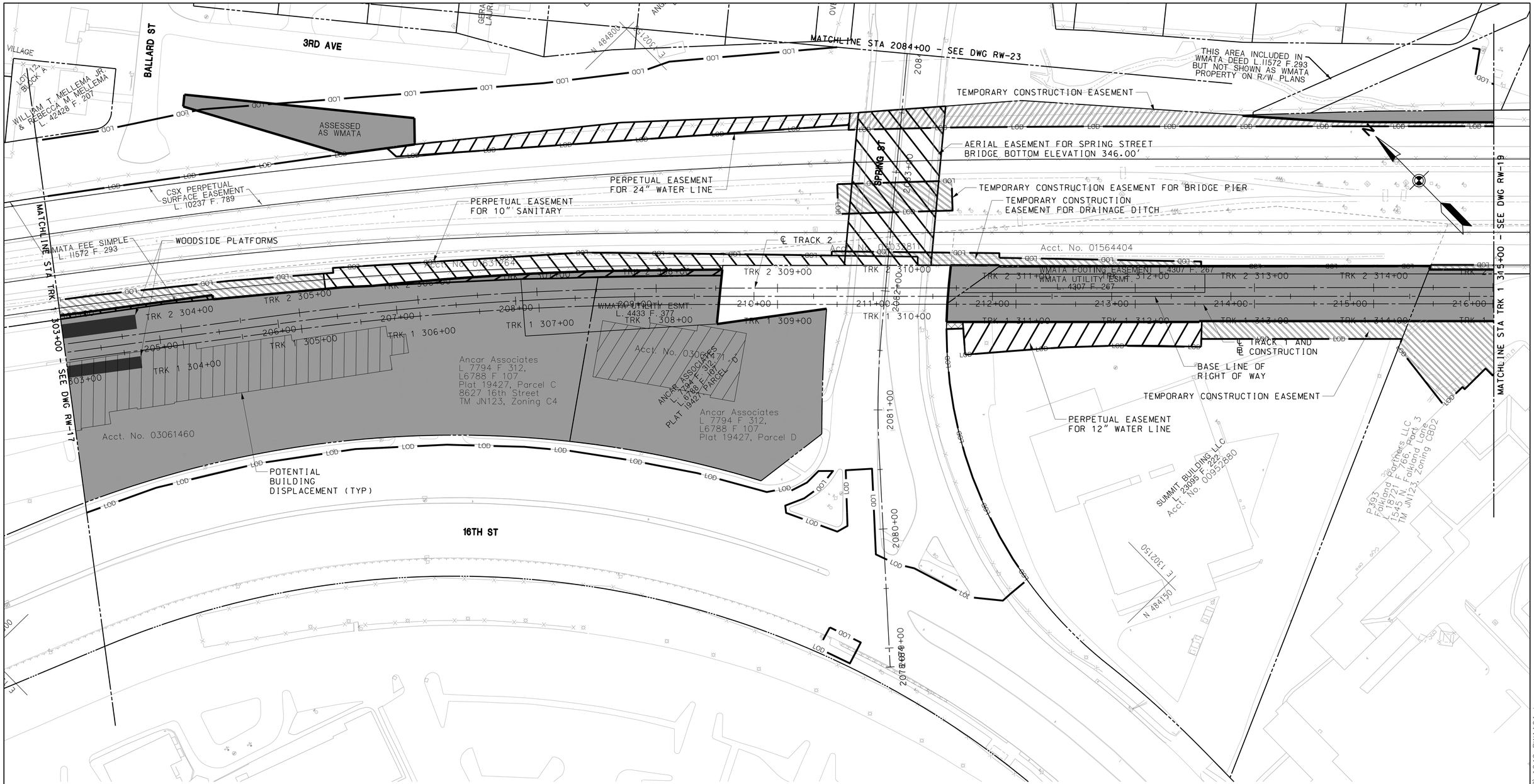
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 291+00 TO STA TRK 1 303+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. RW-17
SHEET NO. 23 OF 189

c:\pwworking\mtapw\wro-daniel beaver\d0108638\1042pRW1101.dgn
12/11/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	DTB
DRAWN	DTB
CHECK	AAS
APPR	

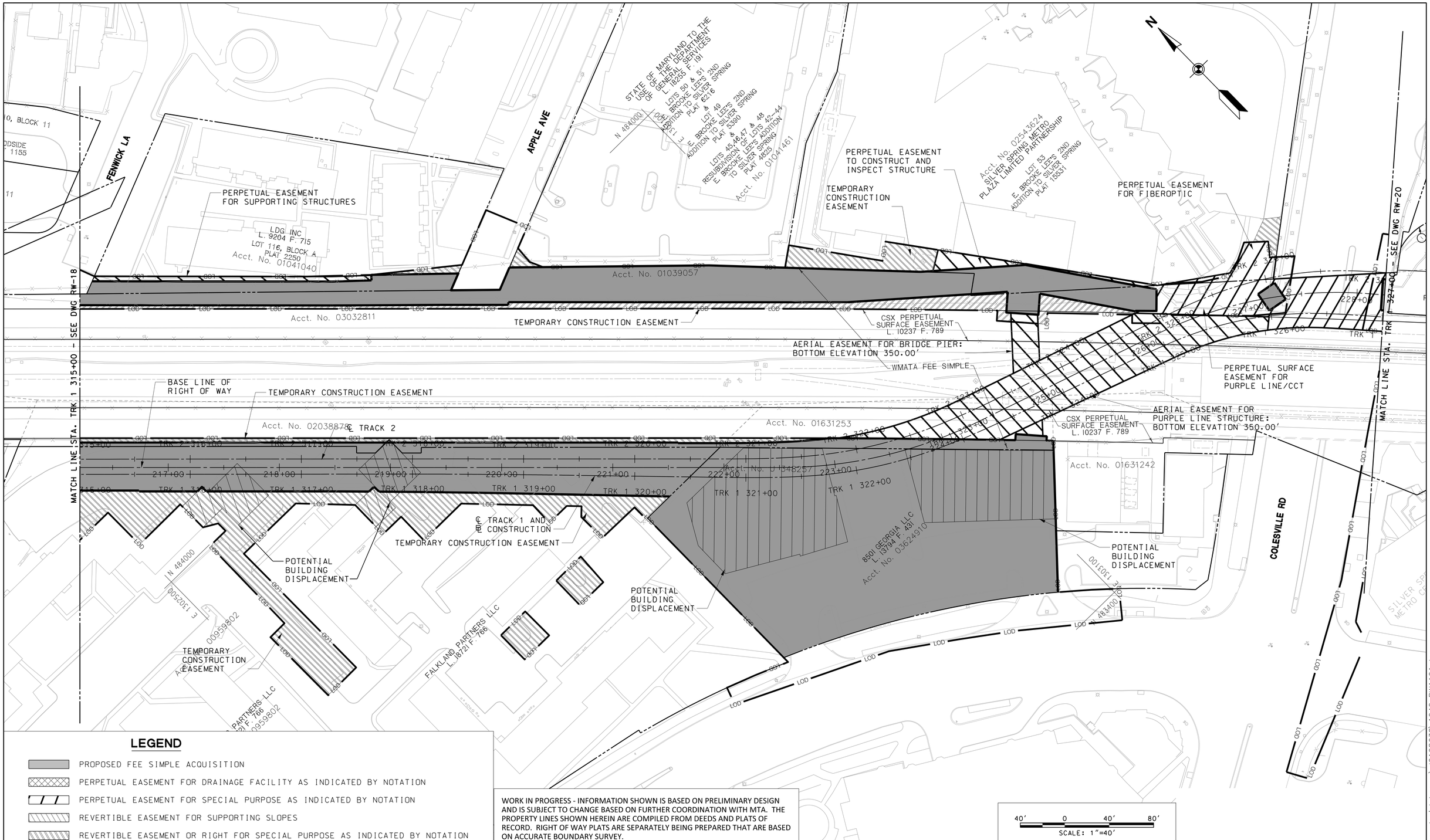
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 303+00 TO STA TRK 1 315+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220
DRAWING NO. RW–18
SHEET NO. 24 OF 189

c:\pwworking\mtapw\wra-daniel beaver\d0108638\1042pRW1101.dgn
12/11/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION

MTA Maryland

Gannett Fleming

WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	DTB
DRAWN	DTB
CHECK	AAS
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 315+00 TO STA TRK 1 327+00

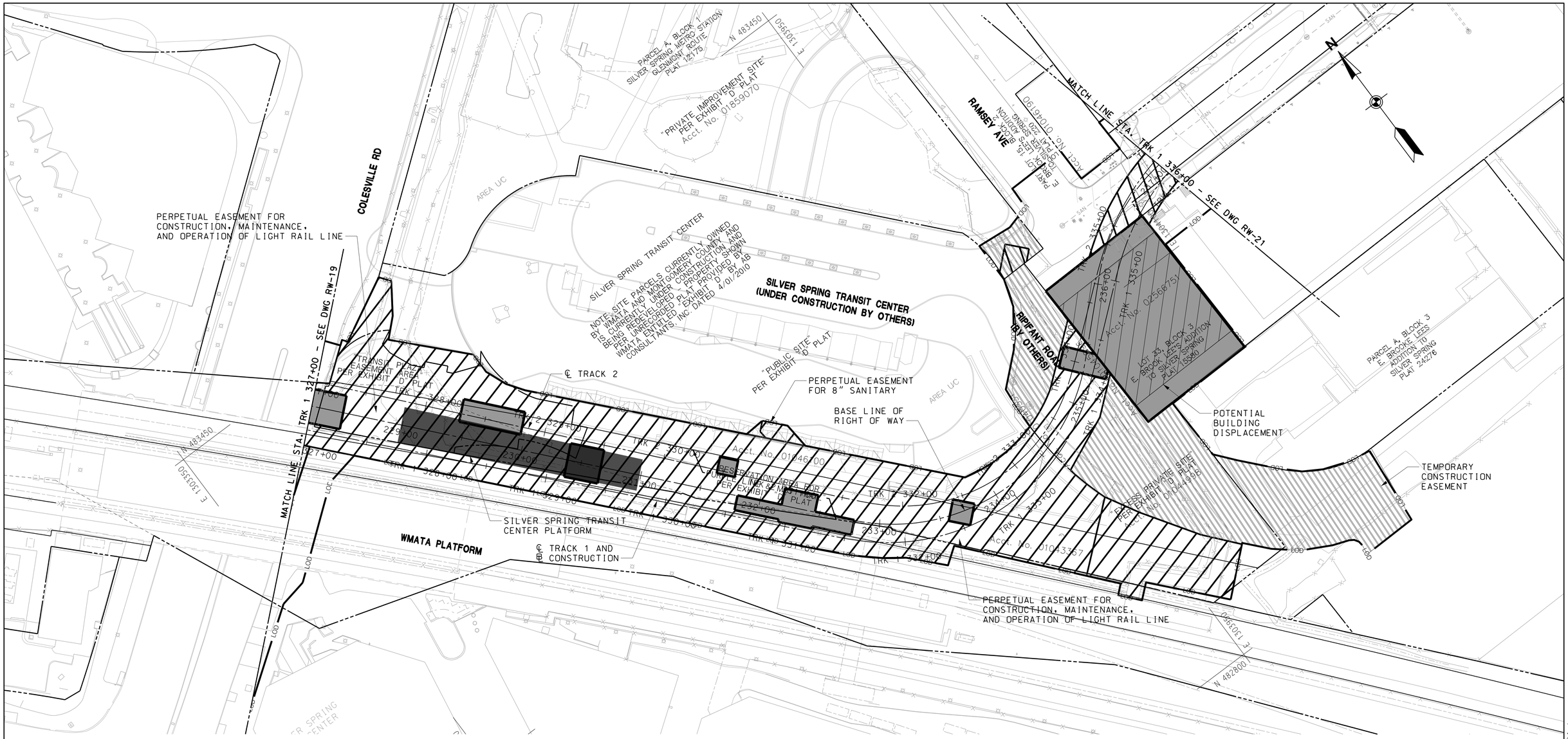
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. RW-19

SHEET NO. 25 OF 189

c:\pwworking\mtapw\wra-daniel beaver\d0108638\1042pRW1101.dgn
12/11/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland
Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland
License No. Expiration Date

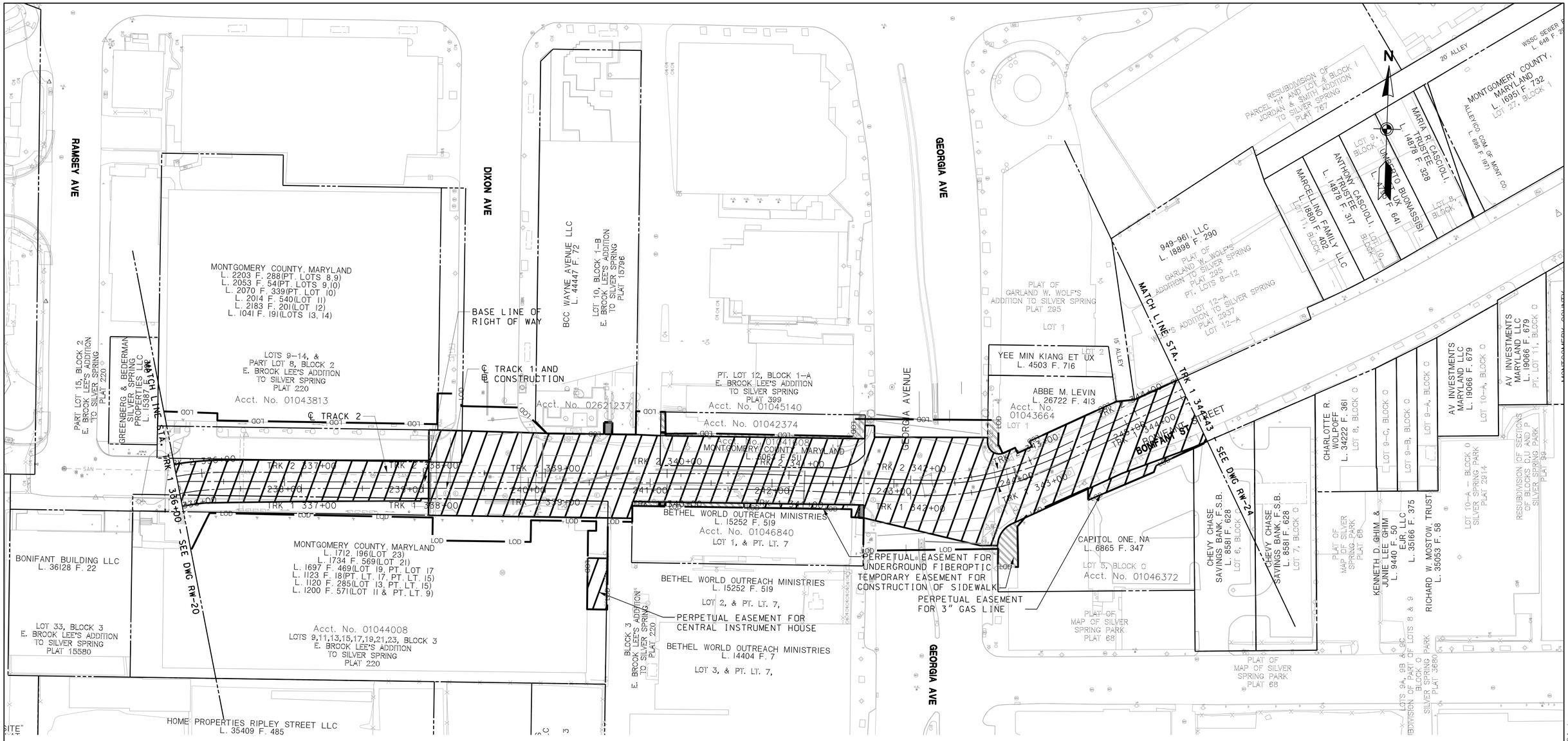
DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN DTB
DRAWN DTB
CHECK AAS
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL
RIGHT OF WAY PLAN
STA TRK 1 327+00 TO STA TRK 1 336+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220
DRAWING NO. RW–20
SHEET NO. 26 OF 189

c:\pwworking\mtapw\wra-daniel beaver\d0108638\1042pRW1101.dgn
12/11/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland
License No. Expiration Date

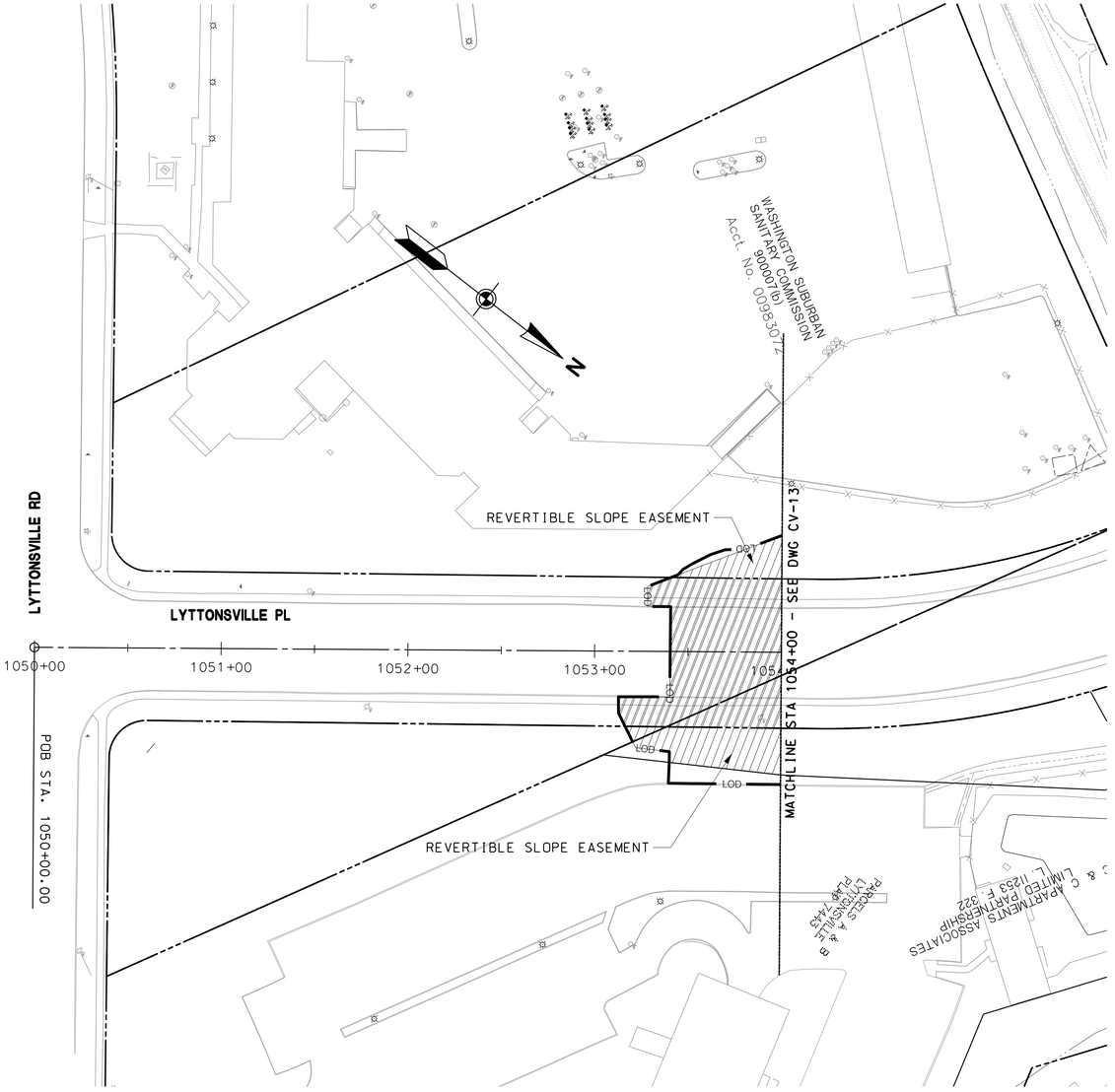
DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	DTB
DRAWN	DTB
CHECK	AAS
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL
RIGHT OF WAY PLAN
STA TRK 1 336+00 TO STA TRK 1 344+43
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220
DRAWING NO. RW–21
SHEET NO. 27 OF 189

c:\pwworking\mtapw\wra-daniel beaver\d0108638\1042pRW1101.dgn
12/11/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

40′ 0 40′ 80′
SCALE: 1″=40′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland
License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	DTB
DRAWN	DTB
CHECK	AAS
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL
RIGHT OF WAY PLAN
LYT PL – STA 1050+00 TO STA 1054+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220
DRAWING NO. RW–22
SHEET NO. 28 OF 189

c:\pwworking\mtapw\wra-daniel beaver\d0108638\1042pRW1101.dgn
12/11/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	DTB
DRAWN	DTB
CHECK	AAS
APPR	

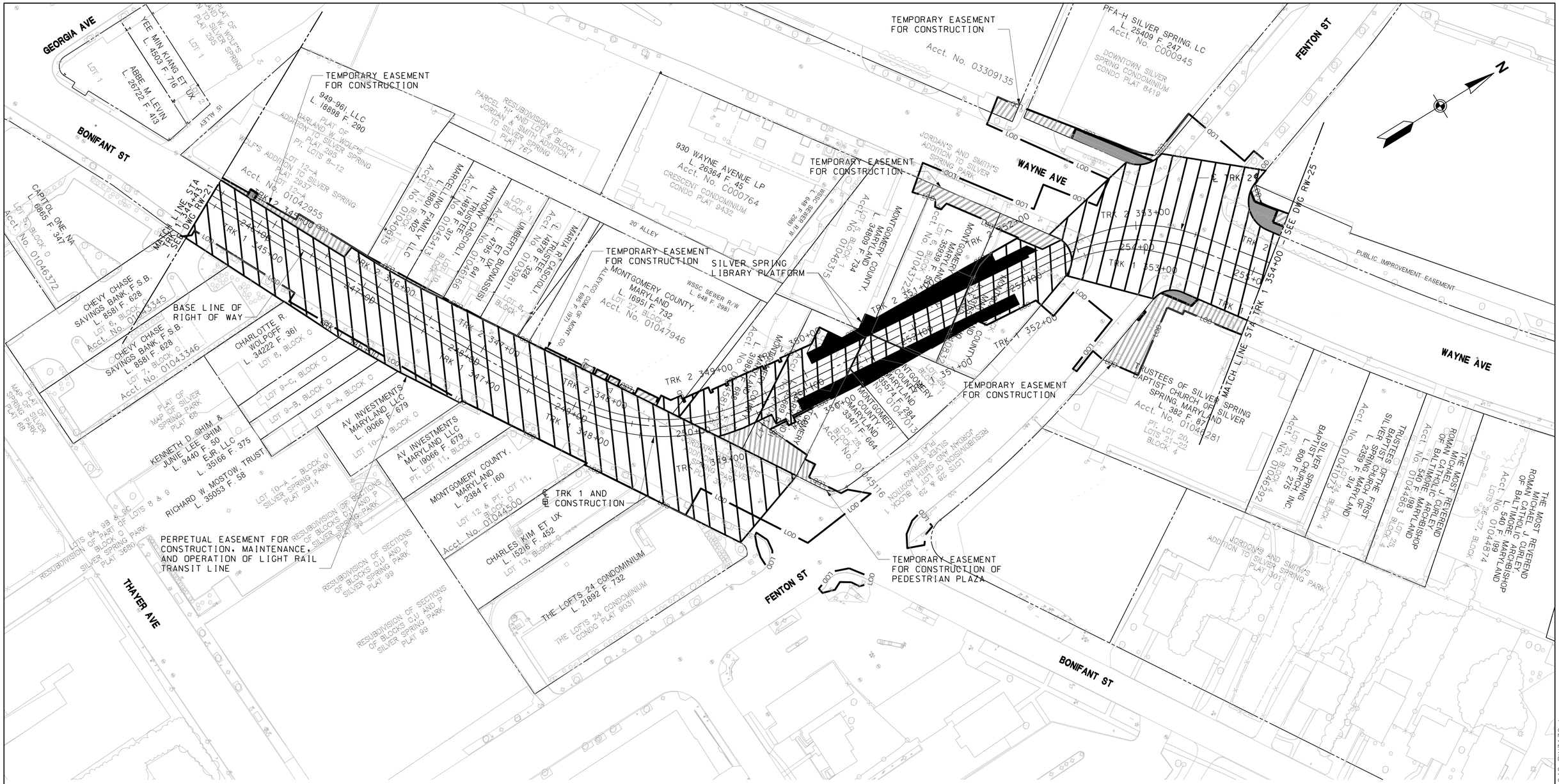
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
SPRING ST

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. RW-23
SHEET NO. 29 OF 189

c:\pwworking\mtapw\wra-daniel beaver\d0108638\1042pRW1101.dgn
12/11/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

JACOBS

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	BAF
DRAWN	BAF
CHECK	AAS
APPR	

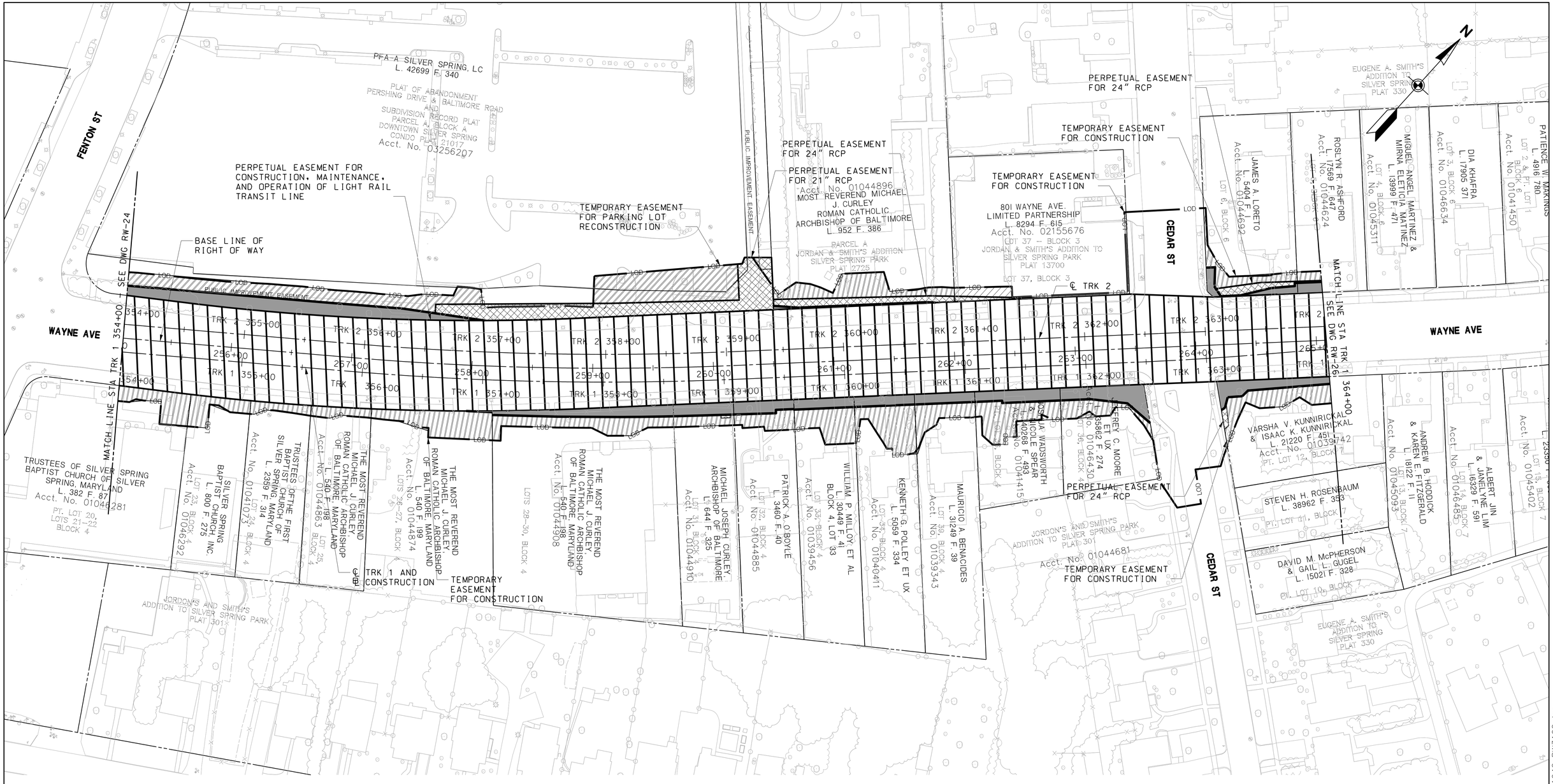
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 344+43 TO STA TRK 1 354+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. RW-24
SHEET NO. 30 OF 189

c:\pwworking\mtapw\jeffrey.benjamin.foltz\dms55112\1042RW3130.dgn
12/18/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

JACOBS

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	BAF
DRAWN	BAF
CHECK	AAS
APPR	

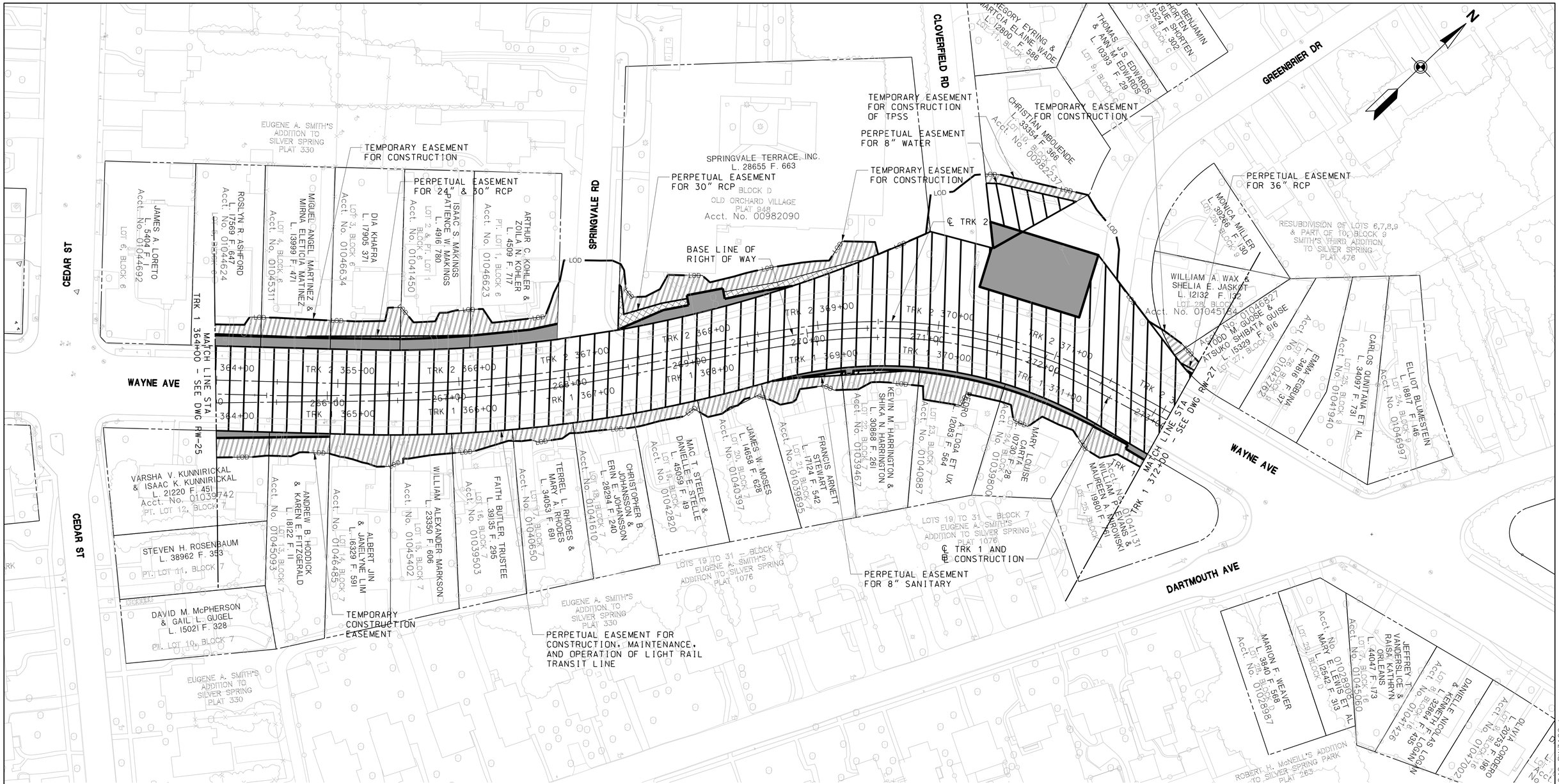
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

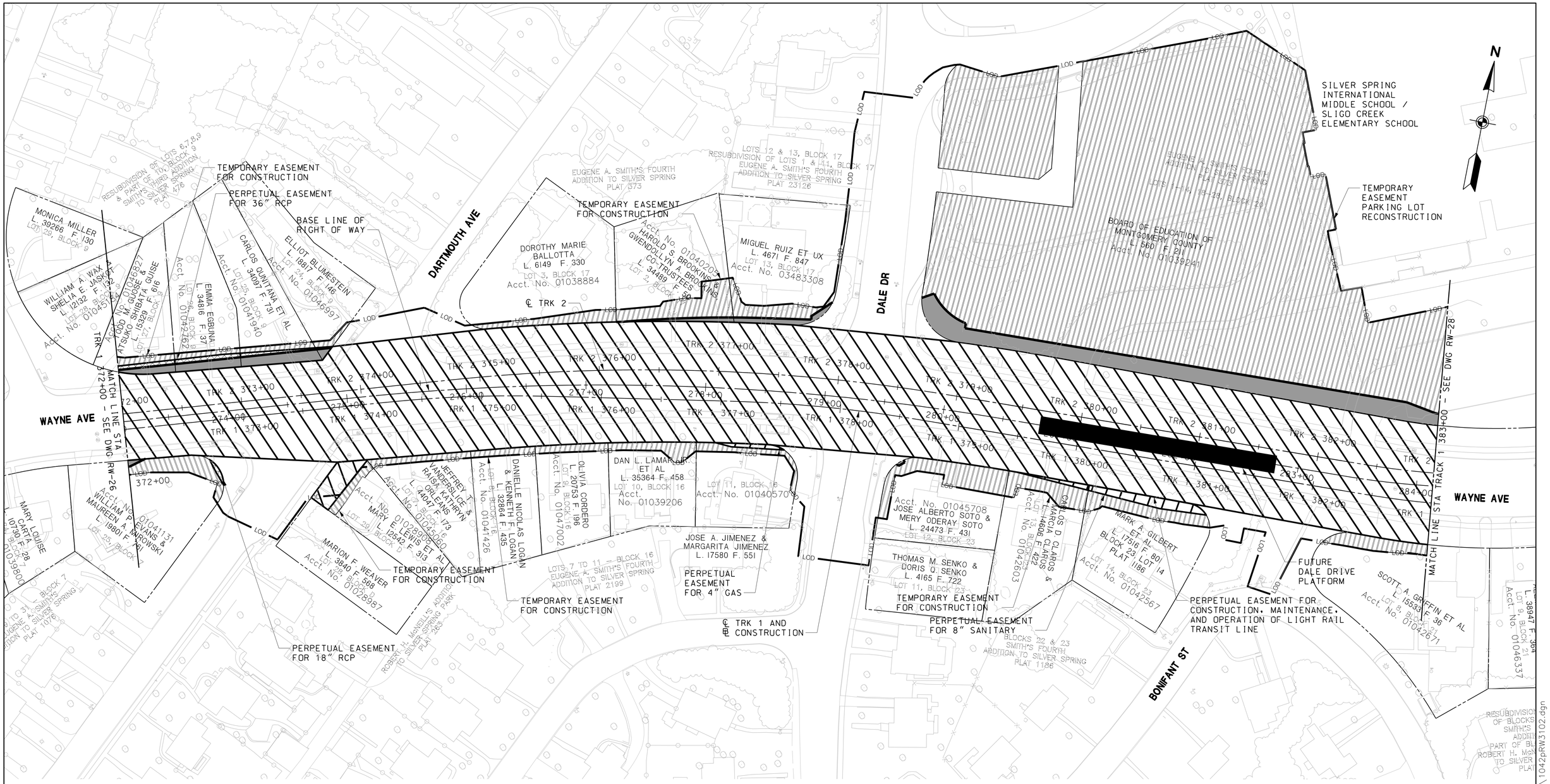
RIGHT OF WAY PLAN
STA TRK 1 354+00 TO STA TRK 1 364+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. RW-25
SHEET NO. 31 OF 189

c:\pwworking\mtapw\je-benjamin.foltz\dms55112\1042pRW3102.dgn
12/17/2013


CEDAR ST
WAYNE AVE
SPRINGVALE RD
CLOVERFIELD RD
GREENBRIER DR
DARTMOUTH AVE
N
TEMPORARY EASEMENT FOR CONSTRUCTION
PERPETUAL EASEMENT FOR 24" & 30" RCP
PERPETUAL EASEMENT FOR 30" RCP
TEMPORARY EASEMENT FOR CONSTRUCTION OF TPSS
PERPETUAL EASEMENT FOR 8" WATER
TEMPORARY EASEMENT FOR CONSTRUCTION
TEMPORARY EASEMENT FOR CONSTRUCTION
PERPETUAL EASEMENT FOR 36" RCP
BASE LINE OF RIGHT OF WAY
℄ TRK 2
℄ TRK 1 AND ℄ CONSTRUCTION
MATCH LINE STA TRK 1 364+00 - SEE DWG RW-25
MATCH LINE STA TRK 1 372+00 - SEE DWG RW-27
TEMPORARY CONSTRUCTION EASEMENT
PERPETUAL EASEMENT FOR CONSTRUCTION, MAINTENANCE, AND OPERATION OF LIGHT RAIL TRANSIT LINE
PERPETUAL EASEMENT FOR 8" SANITARY
EUGENE A. SMITH'S ADDITION TO SILVER SPRING PLAT 330
SPRINGVALE TERRACE, INC. L. 28655 F. 663
BLOCK D OLD ORCHARD VILLAGE PLAT 948 Acct. No. 00982090
LOTS 19 TO 31 - BLOCK 7 EUGENE A. SMITH'S ADDITION TO SILVER SPRING PLAT 1076
RESUBDIVISION OF LOTS 6,7,8,9 & PART OF 10, BLOCK 9 SMITH'S THIRD ADDITION TO SILVER SPRING PLAT 476
ROBERT H. McNEILL'S ADDITION TO SILVER SPRING PARK PLAT 263
JAMES A. LORETO L. 5404 F. Acct. No. 01044692
ROSLYN R. ASHFORD L. 17569 F. 647 Acct. No. 01044624
MIGUEL ANGEL MARTINEZ & MIRNA ELETICIA MATINEZ L. 13999 F. 471 Acct. No. 01045311
DIA KHAFRA L. 17905 371 Acct. No. 01046634
ISAAC S MAKINGS PATIENCE W. MAKINGS L. 4916 780 Acct. No. 01041450
ARTHUR C. KOHLER & ZOILA N. KOHLER L. 4509 F. 717 Acct. No. 01046623
CHRISTIAN MBOUENDE L. 33354 F. 366 Acct. No. 00982237
THOMAS J.S. EDWARDS & ANN M. EDWARDS L. 10393 F. 29
GREGORY EYRING & MARCIA ELAINE WADE L. 12800 F. 586
MONICA MILLER L. 39266 F. 130
WILLIAM A. WAX & SHELIA E. JASKOT L. 12132 F. 132 Acct. No. 01045134
TODD M. GUISE & ATSUKO SHIBATA GUISE L. 15329 F. 616 Acct. No. 01046827
EMMA EGBUNA L. 39816 F. 37 Acct. No. 01052762
CARLOS QUINTANA ET AL L. 34097 F. 731 Acct. No. 01041940
ELLIOT BLUMESTEIN L. 1887 F. 146 Acct. No. 01046997
KEVIN M. HARRINGTON & SHIKA N. HARRINGTON L. 30868 F. 261 Acct. No. 01039467
PEDRO A. LOGA ET UX L. 12083 F. 564 Acct. No. 01040887
MARY LOUISE CARTA L. 10730 F. 28 Acct. No. 01039800
WILLIAM A. EVANS & MAUREEN A. MARKOWSKI L. 19801 F. 161 Acct. No. 01041131
JAMES W. MOSES L. 14658 F. 628 Acct. No. 01040397
FRANCIS ARNETT STEWART L. 7124 F. 542 Acct. No. 01039695
MAC T. STEELE & DANIELLE L. STELLE 45059 F. 49 Acct. No. 01042820
CHRISTOPHER B. JOHANSSON & ERIN E. JOHANSSON L. 28294 F. 240 Acct. No. 01041610
TERREL L. RHODES & MARY A. RHODES L. 34053 F. 691 Acct. No. 01040650
FAITH BUTLER, TRUSTEE L. 39135 F. 295 Acct. No. 01039503
WILLIAM ALEXANDER MARKSON L. 23350 F. 606 Acct. No. 01045402
ALBERT JIN & JANELYNE LIM L. 16329 F. 591 Acct. No. 01046455
ANDREW B. HODDICK & KAREN E. FITZGERALD L. 18122 F. 11 Acct. No. 01045093
VARSHA V. KUNNIRICKAL & ISAAC K. KUNNIRICKAL L. 21220 F. 451 Acct. No. 01039742
STEVEN H. ROSENBAUM L. 38962 F. 353
DAVID M. McPHERSON & GAIL L. GUGEL L. 15021 F. 328
MARION F. WEAVER L. 3840 F. 668 Acct. No. 01026987
MARY E. LEWIS ET AL L. 12542 F. 313 Acct. No. 01028907
JEFFREY T. VANDERSLICE & KATHRYN RAISA EANS ORLI L. 44047 F. 173 Acct. No. 01045060
DANIELLE KENNETH NICHOLAS LOGAN L. 32882 F. 435 Acct. No. 01047476
OLIVIA CORDERO L. 28753 F. 196 Acct. No. 01047002
PT. LOT 1, BLOCK 6
PT. LOT 2 & PT. LOT 1, BLOCK 6
LOTS 19 TO 31 - BLOCK 7 EUGENE A. SMITH'S ADDITION TO SILVER SPRING PLAT 1076
PT. LOT 11, BLOCK 7
PT. LOT 10, BLOCK 7
LOT 28, BLOCK 9
LOT 27, BLOCK 9
LOT 25, BLOCK 9
LOT 24, BLOCK 9
LOT 23, BLOCK 7
LOT 22, BLOCK 7
LOT 21, BLOCK 7
LOT 20, BLOCK 7
LOT 19, BLOCK 7
LOT 18, BLOCK 7
LOT 17, BLOCK 7
LOT 16, BLOCK 7
LOT 15, BLOCK 7
LOT 14, BLOCK 7
LOT 13, BLOCK 7
LOT 4, BLOCK 6
LOT 3, BLOCK 6
LOT 6, BLOCK 6
LOT 25, BLOCK 16
LOT 29, BLOCK 16
LOT 28, BLOCK 16
LOT 27, BLOCK 16
LOT 26, BLOCK 16
LOT 25, BLOCK 16
LOT 24, BLOCK 16
LOT 23, BLOCK 16
LOT 22, BLOCK 16
LOT 21, BLOCK 16
LOT 20, BLOCK 16
LOT



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

40' 0 40' 80'
SCALE: 1"=40'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming
WR&A

JACOBS

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

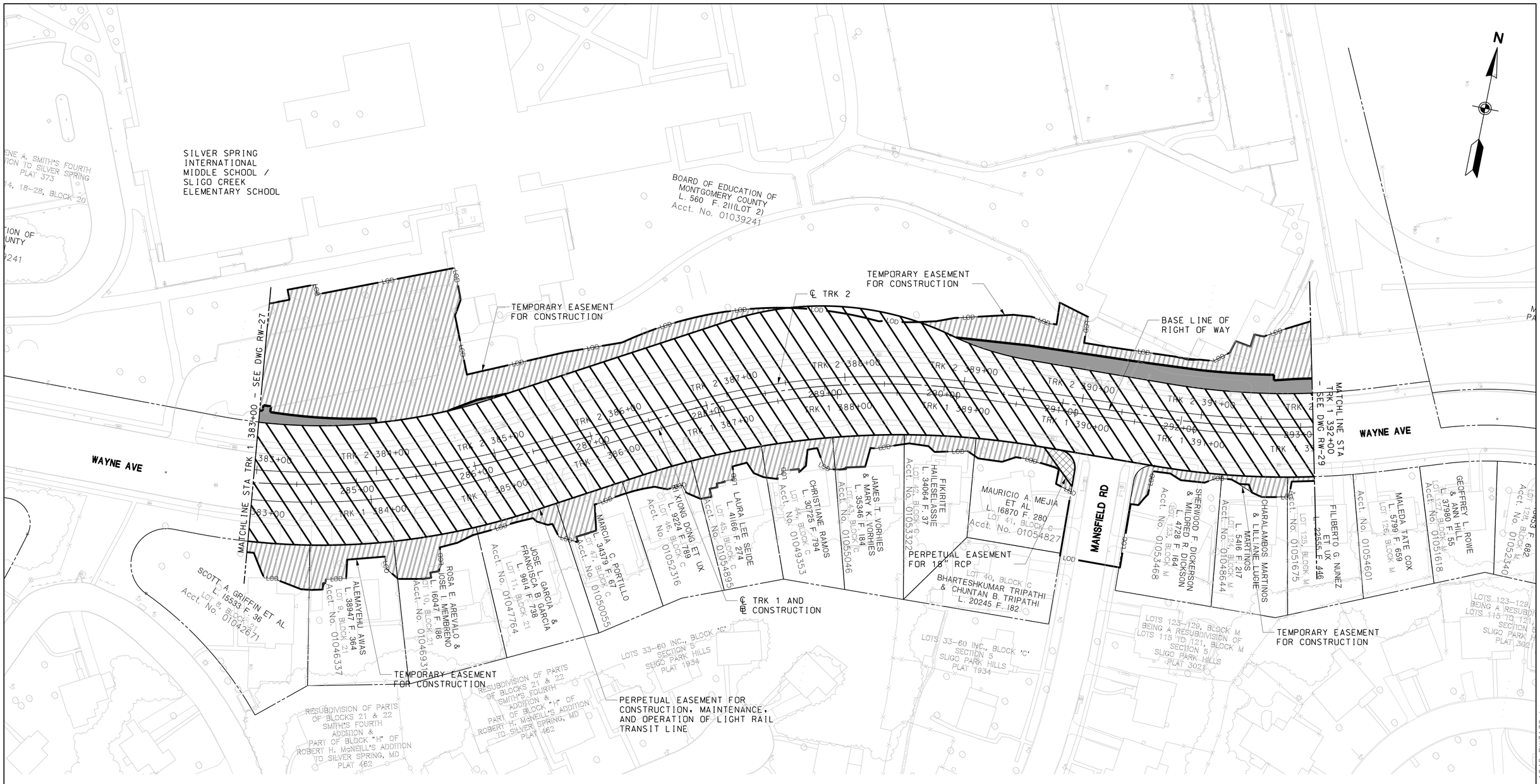
DESIGN	BAF
DRAWN	BAF
CHECK	AAS
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 372+00 TO STA TRK 1 383+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. RW-27
SHEET NO. 33 OF 189



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

JACOBS

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	BAF
DRAWN	BAF
CHECK	AAS
APPR	

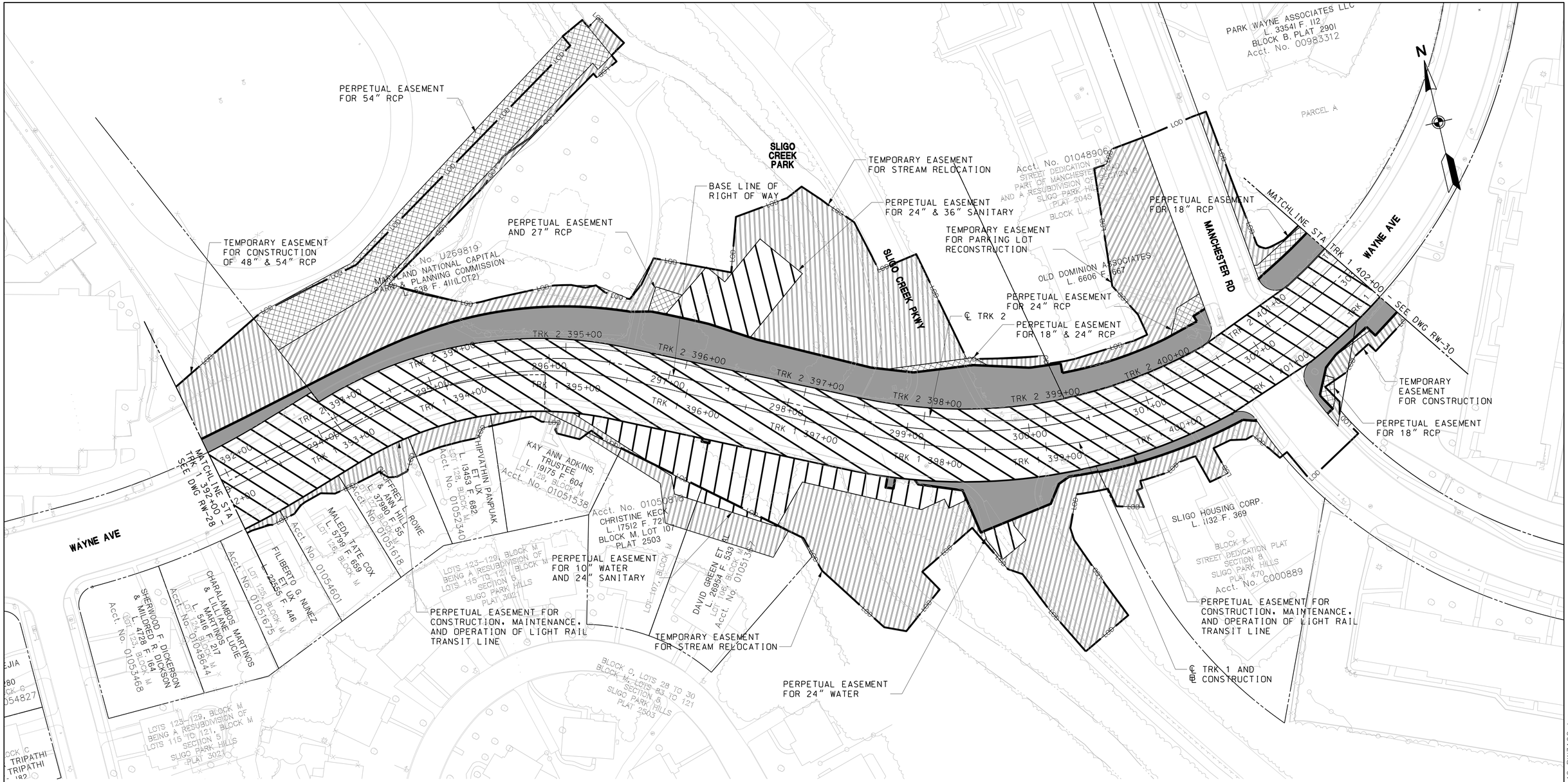
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 383+00 TO STA TRK 1 392+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. RW-28
SHEET NO. 34 OF 189

c:\pwworking\mtapw\je-benjamin foltz\dms55112\1042pRW3130.dgn
12/12/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

40' 0 40' 80'
SCALE: 1"=40'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

JACOBS

PROFESSIONAL CERTIFICATION
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland
License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

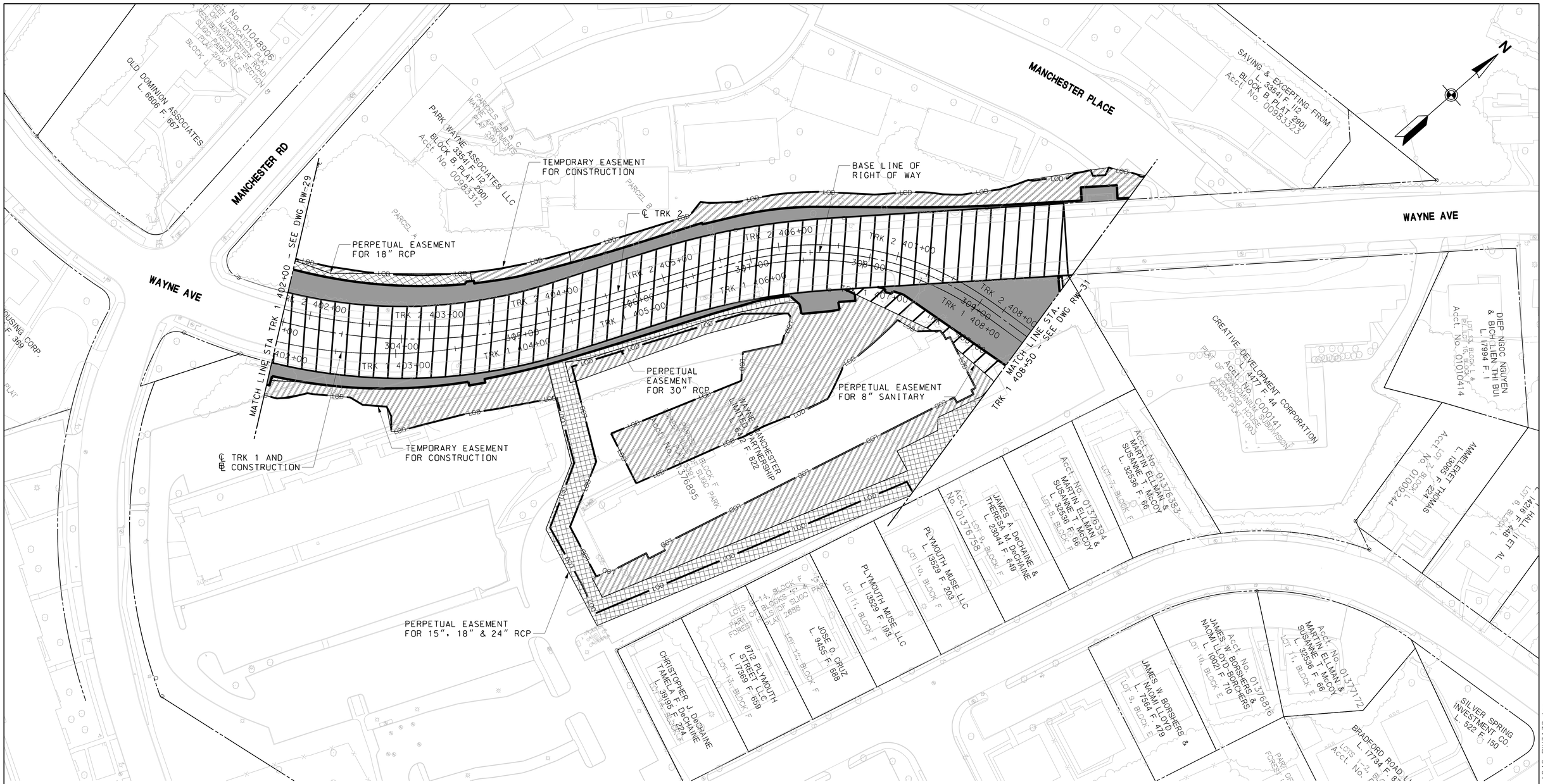
DESGN	BAF
DRAWN	BAF
CHECK	AAS
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 392+00 TO STA TRK 1 402+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. RW-29
SHEET NO. 35 OF 189

c:\pwworking\mtapw\je-benjamin foltz\dms55112\1042pRW3102.dgn
12/17/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

JACOBS

PROFESSIONAL CERTIFICATION
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland
License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

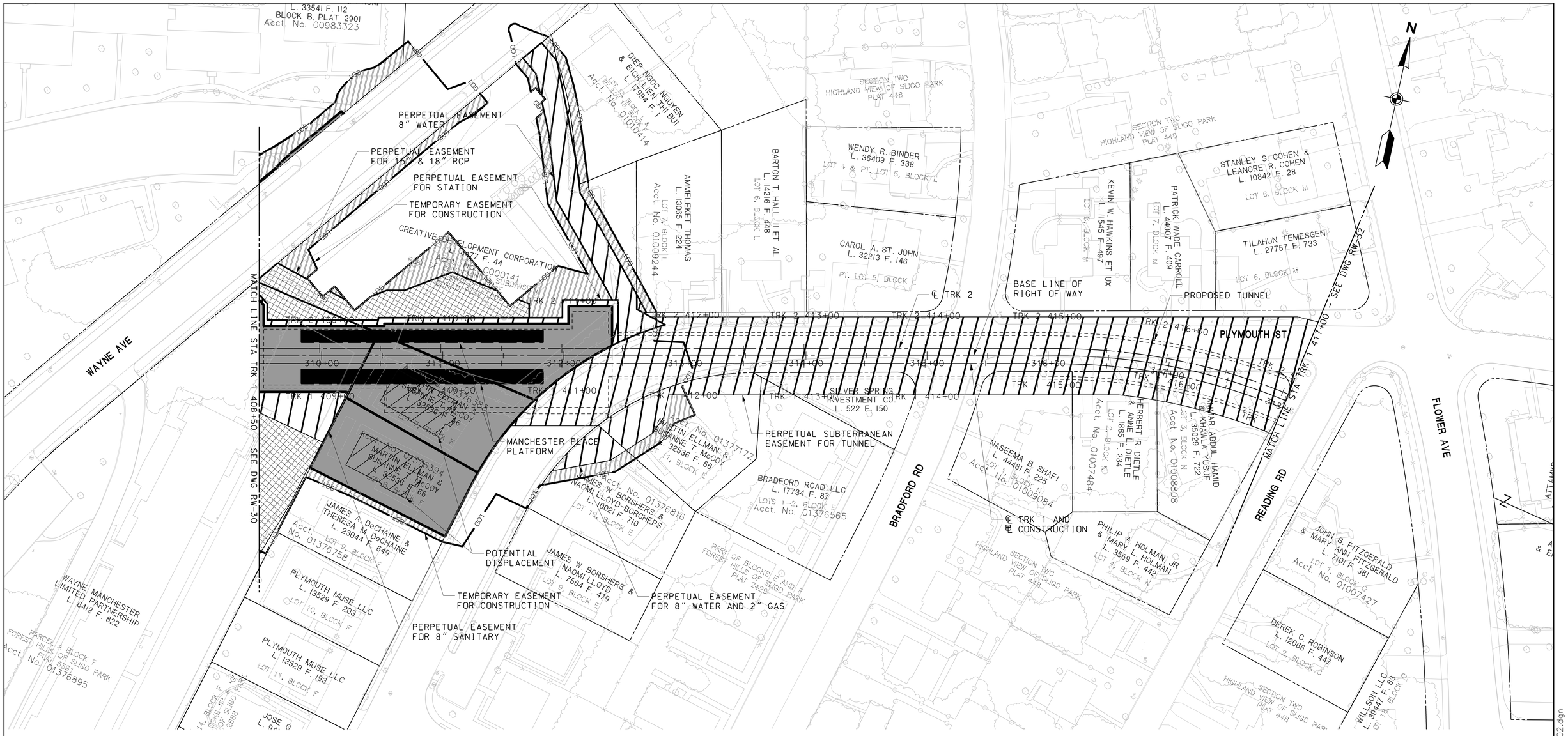
DESGN	BAF
DRAWN	BAF
CHECK	AAS
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 402+00 TO STA TRK 1 408+50
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220
DRAWING NO. RW–30
SHEET NO. 36 OF 189

c:\pwworking\mtapw\je-benjamin.foltz\drm55112\1042pRW3130.dgn
12/12/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

JACOBS

PROFESSIONAL CERTIFICATION
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland
License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	BAF
DRAWN	BAF
CHECK	AAS
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 408+50 TO STA TRK 1 417+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. RW-31
SHEET NO. 37 OF 189

c:\pwworking\mtapw\je-benjamin.foltz\dms55112\1042pRW3102.dgn
12/17/2013

N

WALDEN RD

GARLAND AVE

ARLISS ST

PLYMOUTH ST

FLOWER AVE

MATCH LINE STA TRK 1 417+00 – SEE DWG RW-31

MATCH LINE STA TRK 1 428+00 – SEE DWG RW-33

TEMPORARY EASEMENT FOR CONSTRUCTION

PERPETUAL EASEMENT FOR 24" RCP

TEMPORARY EASEMENT FOR CONSTRUCTION

PERPETUAL EASEMENT FOR CONSTRUCTION, MAINTENANCE AND OPERATION OF LIGHT RAIL TRANSIT LINE

PERPETUAL SUBTERRANEAN EASEMENT FOR TUNNEL

PERPETUAL EASEMENT FOR 8" WATER

PERPETUAL SUBTERRANEAN EASEMENT FOR TUNNEL

BASE LINE OF RIGHT OF WAY

PROPOSED TUNNEL

POTENTIAL DISPLACEMENT

℄ TRK 2

℄ TRK 1 AND ℄ CONSTRUCTION

TEMPORARY EASEMENT FOR TUNNEL STAGING AREA & CONSTRUCTION

TRK 2 417+00 TRK 2 418+00 TRK 2 419+00 TRK 2 420+00 TRK 2 421+00 TRK 2 422+00 TRK 2 423+00 TRK 2 424+00 TRK 2 425+00 TRK 2 426+00 TRK 2 427+00 TRK 2 428+00

TRK 1 419+00 TRK 1 420+00 TRK 1 421+00 TRK 1 422+00 TRK 1 423+00 TRK 1 424+00 TRK 1 425+00 TRK 1 426+00 TRK 1 427+00 TRK 1 428+00

321+00 322+00 323+00 324+00 325+00 326+00 327+00 328+00

ENRIQUE DIAZ, HILDA DIAZ & LEYLA DIAZ L. 10246 F. 1 LOT 8, BLOCK 4 Acct. No. 01732084

WILLY R. CALDERON & WANDERLY CALDERON L. 4796 F. 41 LOT 9, BLOCK 4 Acct. No. 00992456

OAKVIEW KNOLLS TOWNHOUSE ASSOCIATION INC. L. 4710 F. 764 LOT 10, BLOCK 4 Acct. No. C000641

THOMAS L. YUTH & SARNA R. YUTH L. 17373 F. 636 LOT 11, BLOCK 4 Acct. No. 01726301

GARY HART L. 13826 F. 229 LOT 12, BLOCK 4 Acct. No. 01725000

CORA K. EDWARDS L. 11377 6 F. 235 LOT 13, BLOCK 4 Acct. No. 01722440

ADAM MILTON JONES & XIAOHANG ZHANG L. 39153 F. 346 LOT 15, BLOCK 4 Acct. No. 01722571

JOHN STEPHEN DUNN & SALLY WALKER DUNN L. 27038 F. 216 LOT 16, BLOCK 4 Acct. No. 01724084

MOTICHAND DYAL & DOLORES P. DYAL L. 10347 F. 319 LOT 17, BLOCK 4 Acct. No. 01734711

ASSEFA G. FELEKE L. 13931 F. 293 LOT 18, BLOCK 4 Acct. No. 01731934

TSEGAYE S. LEGESSE L. 32365 F. 521 LOT 2, BLOCK 4 Acct. No. 01738658

SA-ARD GESUWAN ET UX L. 4774 F. 361 LOT 3, BLOCK 4 Acct. No. 01735910

TSIGEWOIN W. BERHE L. 8764 F. 215 LOT 4, BLOCK 4 Acct. No. 01734516

TRAN ON ET AL L. 34806 F. 486 LOT 5, BLOCK 4 Acct. No. 01728492

LUIGI G. SAGLIMBENI L. 5898 F. 747 LOT 6, BLOCK 4 Acct. No. 01722360

LUIS A. NOBOA & MERCEDES E. TENENANA L. 11366 F. 678 LOT 7, BLOCK 4 Acct. No. 01722382

MONTGOMERY COUNTY L. 4626 F.

MONTGOMERY COUNTY, MARYLAND L. 457 F. 43 PARCEL A, BLOCK 2 Acct. No. 00960721

PARCEL A BLOCK 2 MONTGOMERY COUNTY LIBRARY LONG BRANCH PLAT 11032

ATTAMYR de ALMEIDA & ENGA INEZ de ALMEIDA L. 4791 F. 295

Acct. No. 01397614 ATTAMYR de ALMEIDA & ENGA INEZ de ALMEIDA L. 6105 F. 006

LOTS 1 & 2, BLOCK 1 PLAT 2 LOT 20' PLAT 2 LOT 2, BLOCK 1 PLAT 2 LOT 1

LOTS 2 THRU 18, BLOCK A NELLIE ARLISS TRACT PLAT 7635

RICHARD A GOULUB & RUTH A CLARK GOULUB L. 1497 F. 22

VICTORIA MARAVARIV & IRMA MARAVARIV L. 5923 F. 466

MARY R REIGER ET AL L. 1936 F. 130

ATTAMYR de ALMEIDA & ENGA INEZ de ALMEIDA L. 4774 F. 295

TILAHUN TEMESGEN L. 27757 F. 733 LOT 6, BLOCK H

AMMAR ABDU & KHAWL L. 35

JOHN S. FITZGERALD & MARY ANN FITZGERALD L. 7101 F. 381

ARLYSS AVENUE LLC L. 32437 F. 264 Acct. No. 03544494

B. FRANKLIN KNAPP ET AL TRUSTEES L. 3101 F. 188 Acct. No. 00964991

LOT 3, BLOCK 3 NELLIE ARLISS TRACT PLAT 6313

LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

40′ 0 40′ 80′

SCALE: 1"=40′

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming WR&A

JACOBS

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	BAF
DRAWN	BAF
CHECK	AAS
APPR	

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN

STA TRK 1 417+00 TO STA TRK 1 428+00

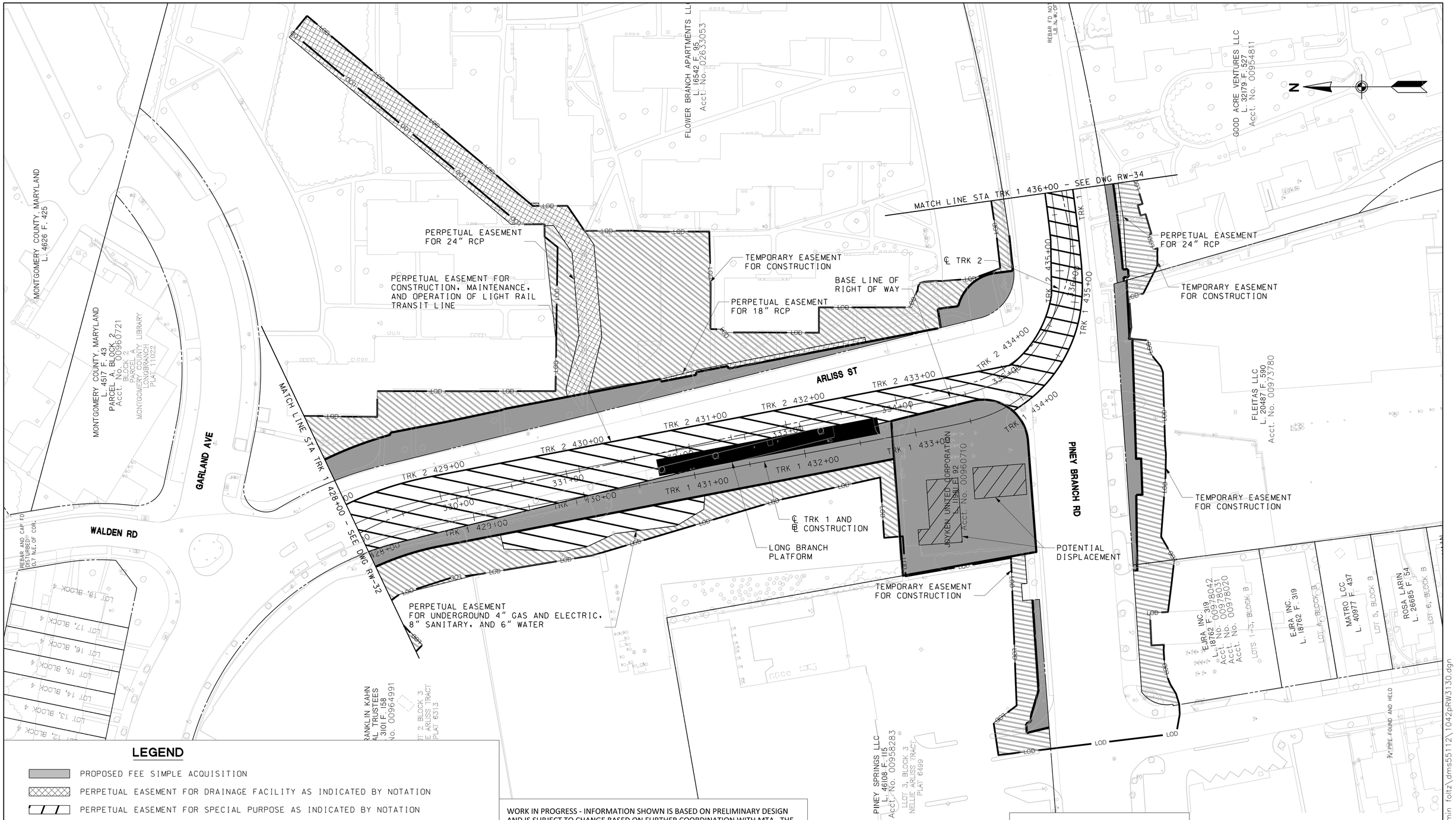
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220

DRAWING NO. RW–32

SHEET NO. 38 OF 189

c:\pwworking\mtapw\e–benjamin foltz\dms55112\1042pRW3130.dgn
12/12/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A — JACOBS

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	BAF
DRAWN	BAF
CHECK	AAS
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 428+00 TO STA TRK 1 436+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. RW-33
SHEET NO. 39 OF 189

c:\pwworking\mtapw\jde-benjamin.foltz\dms55112\1042pRW3130.dgn
12/12/2013

N

ARLISS ST

FLOWER BRANCH APARTMENTS LLC
L. 16542 F. 95
Acct. No. 02633053

TED CORPORATION
998 F. 92
o. 00960710

LONG BRANCH PARK

MNCP&PC
L. 1239 F. 51
Acct. No. 00968783

MNCP&PC
L. 1135 F. 313
Acct. No. 00968817

PATRICIA G. BEDARD
ET AL TRUSTEES
L. 7939 F. 751
Acct. No. 00970638

PATRICIA G. BEDARD
ET AL TRUSTEES
L. 7939 F. 746
Acct. No. 00970627

Acct. No. 0
JN563, 1
Moises H. He
et ux
L 12620 F

RIGHT OF WAY
DEDICATION LINE

PERPETUAL EASEMENT FOR
CONSTRUCTION, MAINTENANCE,
AND OPERATION OF LIGHT RAIL
TRANSIT LINE

BASE LINE OF
RIGHT OF WAY

TEMPORARY EASEMENT
FOR PARKING LOT
RECONSTRUCTION

℄ TRK 2

PERPETUAL EASEMENT
FOR 30" RCP

PERPETUAL
EASEMENT
FOR 15" & 18" RCP

LOD

PINEY BRANCH RD

MATCH LINE STA TRK 1 436+00 – SEE DWG RW-33

MATCH LINE STA TRK 1 444+00 – SEE DWG RW-35

TRK 2 436+00
TRK 2 437+00
TRK 2 438+00
TRK 2 439+00
TRK 2 440+00
TRK 2 441+00
TRK 2 442+00
TRK 2 443+00
TRK 1 436+00
TRK 1 437+00
TRK 1 438+00
TRK 1 439+00
TRK 1 440+00
TRK 1 441+00
TRK 1 442+00
TRK 1 443+00
TRK 1
336+00
338+00
340+00
342+00
344+00

S LLC
973780

GOOD ACRE VENTURES LLC
L. 32179 F. 527
Acct. No. 00954811

GOODACRE ASSOCIATES
L. 5539 F. 696
Acct. No. 00954811

℄ TRK 1 AND
CONSTRUCTION

TEMPORARY EASEMENT
FOR CONSTRUCTION

PERPETUAL
EASEMENT
FOR 24" RCP

GARLAND AVE

PERPETUAL EASEMENT
FOR 30" RCP

TEMPORARY EASEMENT
FOR CONSTRUCTION

PERPETUAL
EASEMENT
FOR 18", 30",
36" & 72" RCP

Acct. No. 00967505
FOXHALL ASSOCIATES
LTD. PARTNERSHIP
L. 6295 F. 315

BARRON ST

MNCP&PC
L. 1090 F. 432
Acct. No. 00968910

PARCEL A
GOODACRE KNOLLS
PLAT 1993

MNCP&PC
L. 3892 F. 532
Acct. No. 00968624

PARCEL B
RESUBDIVISION OF
BLOCKS A,B & E
LONG BRANCH VIEW
PLAT 3084

PARCEL A, BLOCK E
RESUBDIVISION OF
BLOCKS A,B & E
LONG BRANCH VIEW
PLAT 3084

40' 0 40' 80'
SCALE: 1"=40'

LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

JACOBS

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	BAF
DRAWN	BAF
CHECK	AAS
APPR	

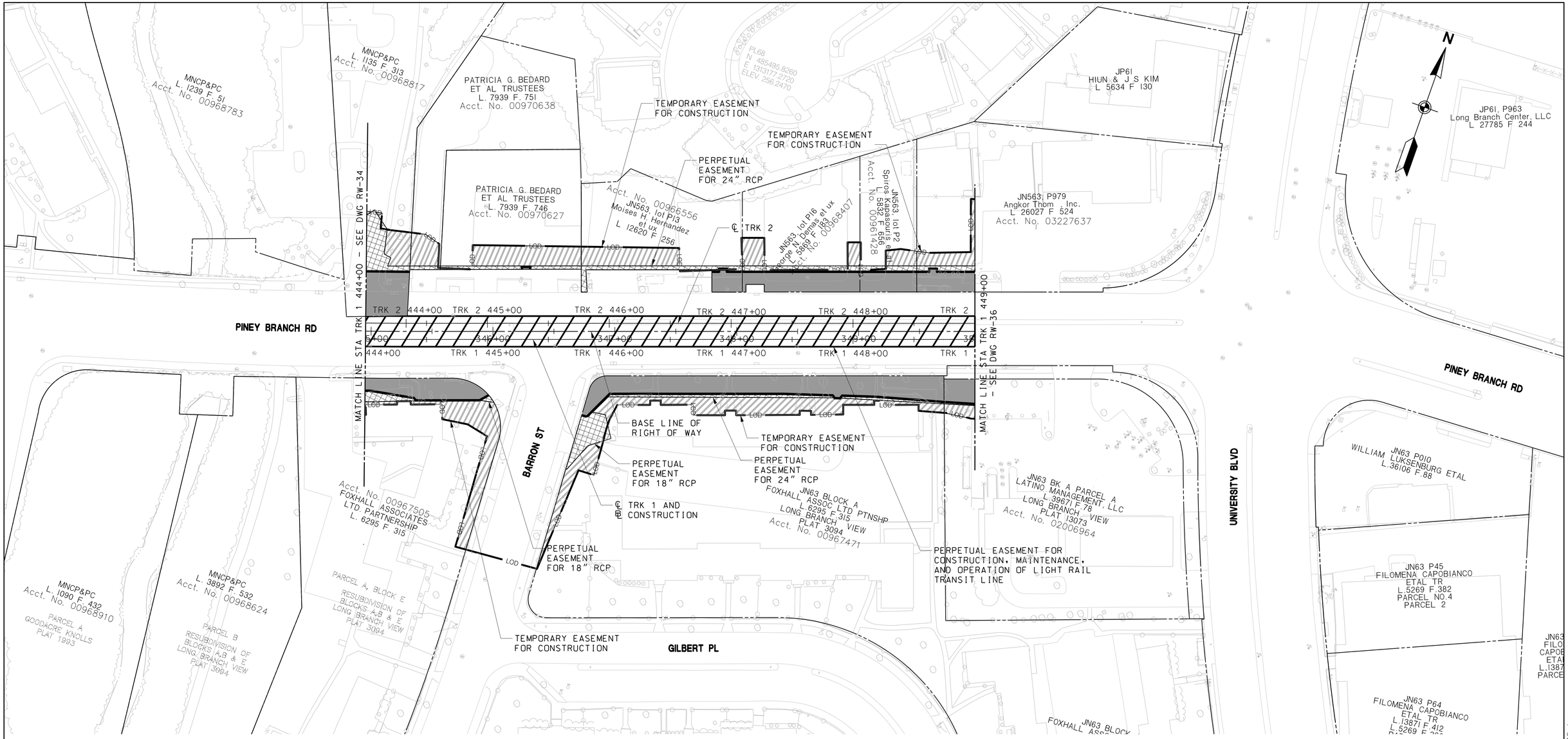
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 436+00 TO STA TRK 1 444+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. RW-34
SHEET NO. 40 OF 189

c:\pwworking\mtapw\je-benjamin foltz\dms55112\1042pRW3130.dgn
12/12/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

JACOBS

PROFESSIONAL CERTIFICATION
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland
License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	BAF
DRAWN	BAF
CHECK	AAS
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL
RIGHT OF WAY PLAN
STA TRK 1 444+00 TO STA TRK 1 449+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220
DRAWING NO. RW–35
SHEET NO. 41 OF 189

c:\pwworking\mtapw\je-benjamin.foltz\dms55112\1042pRW3130.dgn
12/12/2013

℄ CONSTRUCTION MD 320 (PINEY BRANCH RD)

TEMPORARY EASEMENT FOR CONSTRUCTION

℄ CONSTRUCTION MD 193 (UNIVERSITY BOULEVARD) WB

JN61 P963
Long Branch Center, LLC
L.27785 F.244
University Blvd.
ACCT NO. 00963331

MD 320 (PINEY BRANCH ROAD)

JN63 P44
FILOMENA CAPOBIANCO ETAL TR
L.13871 F.412
PARCEL NO.2
ACCT NO. 00960377

JN63 P010
WILLIAM LUKSENBURG ETAL
L.16106 F.85
ACCT NO. 00952402

JN63 P45
FILOMENA CAPOBIANCO ETAL TR
L.5269 F.382
PARCEL NO.4
PARCEL 2
ACCT NO. 00960388

JN63 R64
FILOMENA CAPOBIANCO ETAL TR
L.13871 F.412
L.5269 F.382
PARCEL NO.4
PARCEL 1
ACCT NO. 00960390

PROPOSED BUILDING DISPLACEMENT

JN63 P15
MNCP&PC
L.4807 F.723
PARCEL 1
ACCT NO. 00970376

JN63 P120
MNCP&PC
L.5273 F.875
ACCT NO. 00970365

JN63 P150
MNCP&PC
L.4807 F.723
PARCEL 2
ACCT NO. 01744982

PERPETUAL EASEMENT FOR 12" RCP

PERPETUAL EASEMENT FOR 12" GAS LINE
JN63 P176
MONTGOMERY COUNTY
L.1983 F.561
ACCT NO. 00975345

TEMPORARY EASEMENT FOR CONSTRUCTION

PROPOSED RIGHT OF WAY

PERPETUAL EASEMENT FOR CONSTRUCTION, OPERATION, AND MAINTENANCE OF LIGHT RAIL TRANSIT

PROPOSED RIGHT OF WAY

MD 193 (UNIVERSITY BOULEVARD)

℄ TRK 2

PROPOSED BUILDING DISPLACEMENT

PROPOSED RIGHT OF WAY

℄ TRK 1 AND ℄ CONSTRUCTION

PERPETUAL EASEMENT FOR 2" GAS LINE

PINEY BRANCH ROAD PLATFORM

BASE LINE OF RIGHT OF WAY

PROPOSED RIGHT OF WAY

PROPOSED RIGHT OF WAY

JN563, lot P979
Angkor Thom, Inc.
L.26027 F.524
8649 University Blvd.
ACCT NO. 03227637

TEMPORARY EASEMENT FOR CONSTRUCTION

PERPETUAL EASEMENT FOR 24" RCP

PERPETUAL EASEMENT FOR 6" WATER LINE

JN63 BK A PARCEL A
EXXON CORP 5410 ETAL
DEED ??
LONG BRANCH VIEW
PLAT 13073
ACCT. NO. 02006964

PROPOSED RIGHT OF WAY

TEMPORARY EASEMENT FOR CONSTRUCTION

MATCH LINE STA TRK 1 449+00 – SEE DWR RW-35

JN563, lot P2
Spiros Kapasouris et al
L.5832 F.656
8736 Piney Branch Rd.

JN63 BLOCK A
FOXHALL ASSOC LTD PTNSHP
L.6295 F.315
LONG BRANCH VIEW
PLAT 3094

℄ CONSTRUCTION MD 193 (UNIVERSITY BLVD) EB

JN63 BLOCK A
FOXHALL ASSOC LTD PTNSHP
L.6295 F.315
LONG BRANCH VIEW
PLAT 3094
ACCT NO. 00967471

TEMPORARY EASEMENT FOR CONSTRUCTION

PERPETUAL EASEMENT FOR 2" GAS LINE

PERPETUAL EASEMENT FOR OVERHEAD ELECTRIC LINE

GILBERT STREET

℄ CONSTRUCTION GILBERT ST

PERPETUAL EASEMENT FOR 2" GAS LINE

TEMPORARY EASEMENT FOR CONSTRUCTION

PERPETUAL EASEMENT FOR OVERHEAD ELECTRIC LINE

JN63 BLOCK C
LONG BRANCH VIEW
PLAT 1757
ACCT NO. 00957780

JN63 BLOCK C
PARCEL A
POTOMAC ELECTRIC POWER CO
NO DEED
LONG BRANCH VIEW
PLAT 10073
ACCT NO. 00975892

TEMPORARY EASEMENT FOR CONSTRUCTION

SEEK LANE

℄ CONSTRUCTION SEEK LN

MATCH LINE STA TRK 1 461+00 – SEE DWG RW-37

LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

STV
STV Incorporated

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	NJD
DRAWN	NJD
CHECK	JNS
APPR	

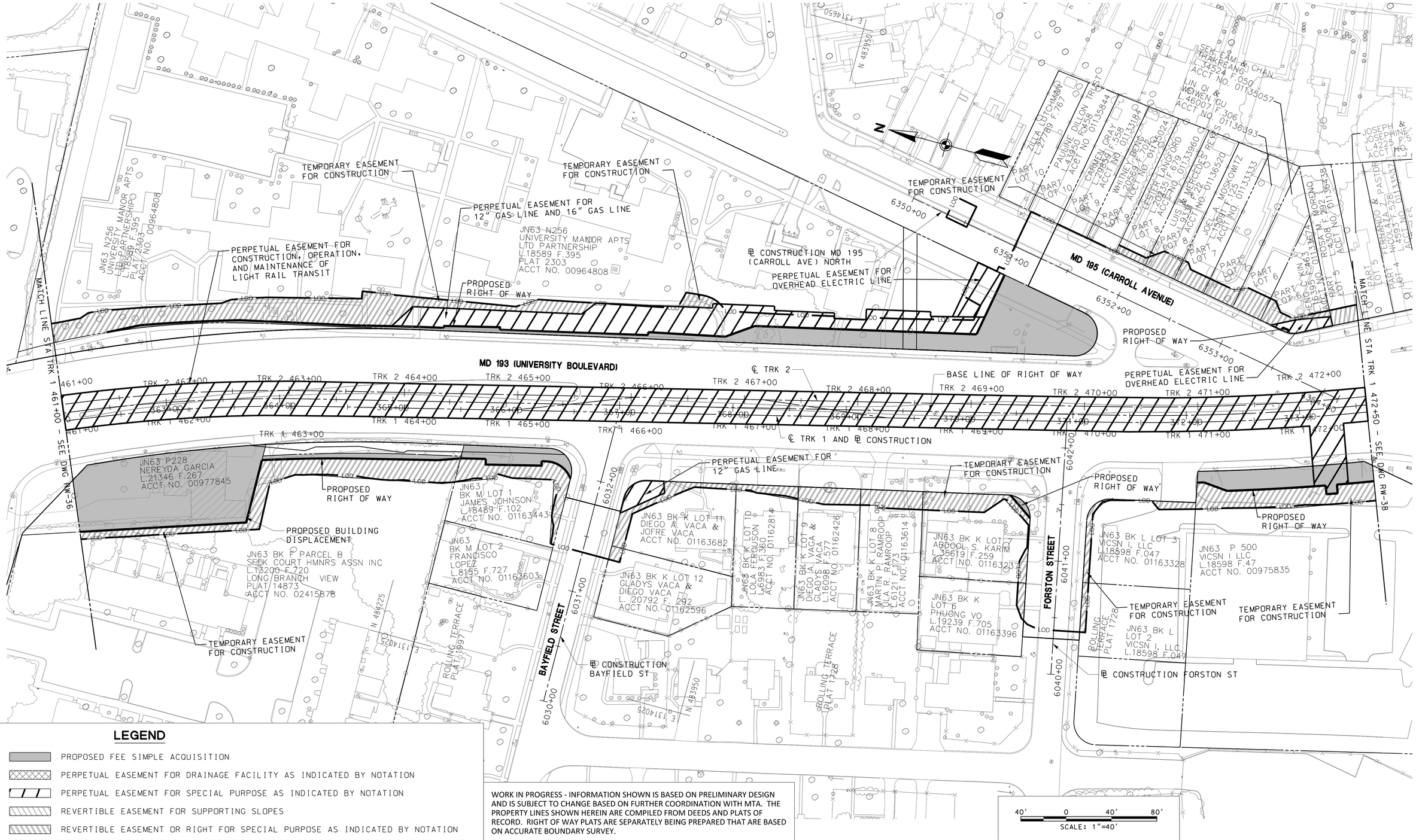
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 449+00 TO STA TRK 1 461+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220
DRAWING NO. RW–36
SHEET NO. 42 OF 189

c:\pwworking\mtapw\stv-ryan barth\dms98097\1042pRW6101.dgn
12/13/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

STV
STV Incorporated

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	NJD
DRAWN	NJD
CHECK	JNS
APPR	

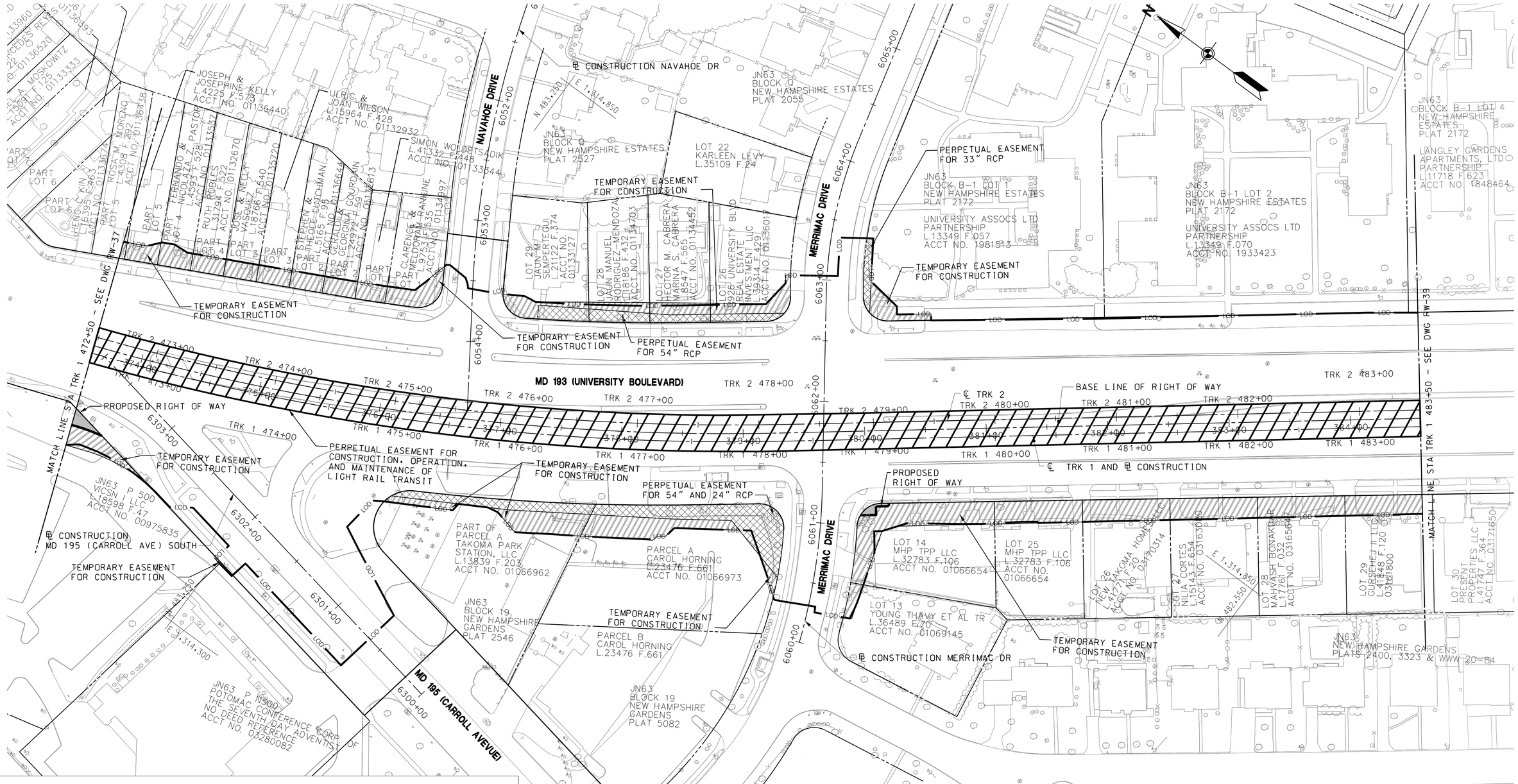
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 461+00 TO STA TRK 1 472+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. RW-37
SHEET NO. 43 OF 189

c:\pwworking\mtapw\stv-ryan.barth\dms98097\1042pRW6102.dgn
12/13/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

STV
STV Incorporated

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	NJD
DRAWN	NJD
CHECK	JNS
APPR	

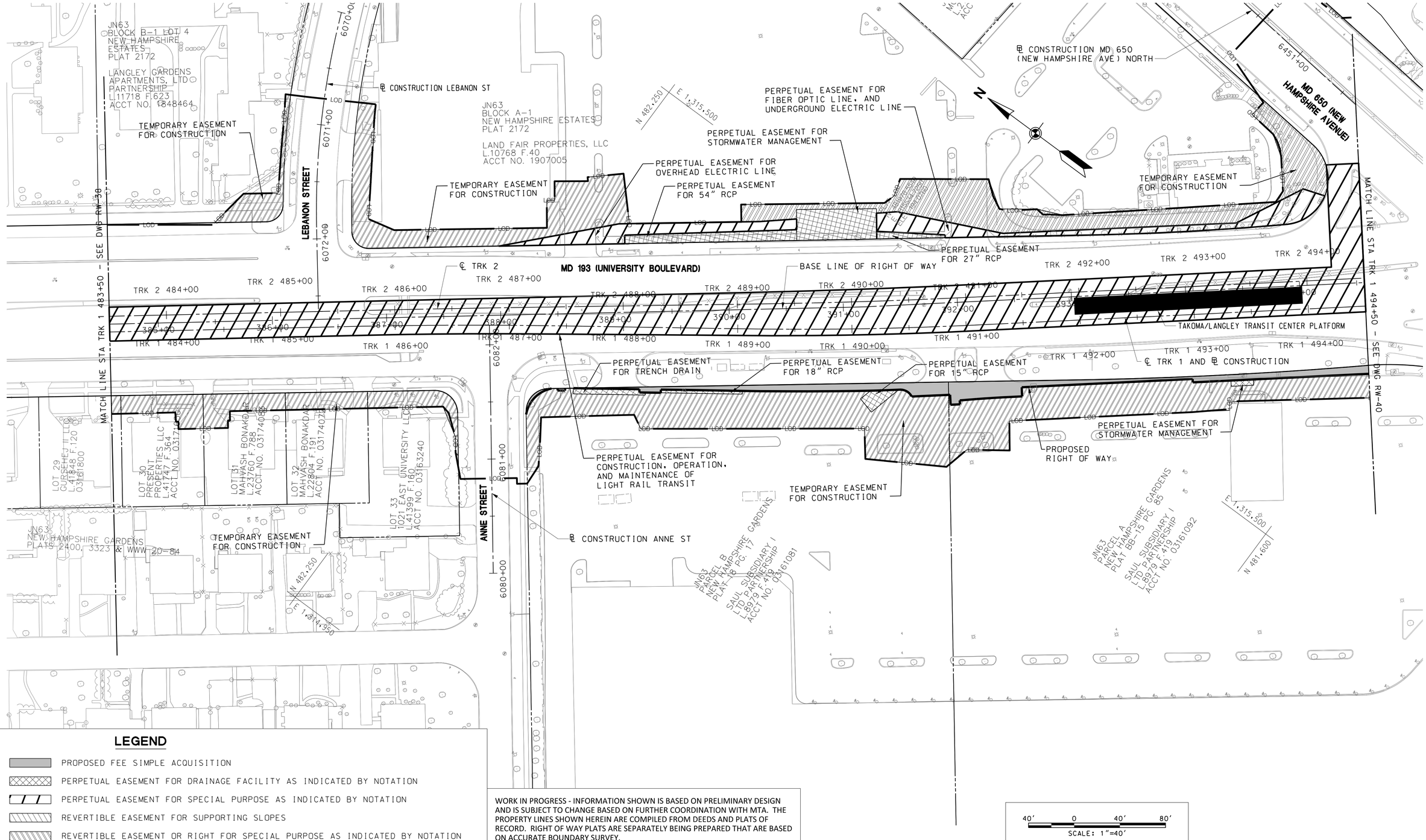
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 472+50 TO STA TRK 1 483+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. RW-38
SHEET NO. 44 OF 189

c:\pwworking\mtapw\stv-ryan barth\dms98097\1042pRW6103.dgn
12/13/2013



LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

STV
STV Incorporated

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	NJD
DRAWN	NJD
CHECK	JNS
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 483+50 TO STA TRK 1 494+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. RW-39
SHEET NO. 45 OF 189

c:\pwworking\mtapw\stv-ryan barth\dms98097\1042pRW6104.dgn
12/13/2013

JN63
PARCEL B
LANGLEY PARK
PLAT BK 24 PAGE 81

LANGLEY PARK PLAZA, INC.
L.4711 F.653
ACCT NO. 1834118

℄ CONSTRUCTION MD 650
(NEW HAMPSHIRE AVE) NORTH

TEMPORARY EASEMENT
FOR CONSTRUCTION

TEMPORARY EASEMENT
FOR CONSTRUCTION

℄ CONSTRUCTION
EDWARDS PL

TEMPORARY EASEMENT
FOR CONSTRUCTION

N 481,450
E 1,316,400

JN63 P. 136
McCORMICK-GOODHART
L.5316 F.703
ACCT NO. 1881283

JN63
PARCEL A
LANGLEY PARK
PLAT BK 24 PAGE 81

McCORMICK-GOODHART
L.5316 F.703
ACCT NO. 1881291

EDWARDS PLACE

TEMPORARY EASEMENT
FOR CONSTRUCTION

PERPETUAL EASEMENT FOR
CONSTRUCTION, OPERATION,
AND MAINTENANCE OF
LIGHT RAIL TRANSIT

JN63
PARCEL E
LANGLEY PARK
PLAT BK 16 PAGE 36

LANGLEY E, LLC
L.33091 F.1
ACCT NO. 1906924

MD 650
(NEW HAMPSHIRE AVENUE)

SEE DWG RW-39

PERPETUAL EASEMENT FOR
STORMWATER MANAGEMENT

PROPOSED RIGHT OF WAY

PROPOSED
RIGHT OF WAY

PROPOSED
RIGHT OF WAY

SEE DWG RW-41

TRK 2 495+00
TRK 2 496+00
TRK 2 497+00
℄ TRK 2
TRK 2 498+00
TRK 2 499+00
TRK 2 500+00
TRK 2 501+00
TRK 2 502+00
TRK 2 503+00
TRK 2 504+00
TRK 2 505+00

395+00
396+00
397+00
398+00
399+00
400+00
401+00
402+00
403+00
404+00
405+00
406+00

TRK 1 495+00
TRK 1 496+00
TRK 1 497+00
TRK 1 498+00
TRK 1 499+00
TRK 1 500+00
TRK 1 501+00
TRK 1 502+00
TRK 1 503+00
TRK 1 504+00
TRK 1 505+00

℄ TRK 1 AND ℄ CONSTRUCTION

MD 193 (UNIVERSITY BOULEVARD)

BASE LINE OF RIGHT OF WAY

MATCH LINE STA TRK 1 494+50

MATCH LINE STA TRK 1 505+50

PROPOSED RIGHT OF WAY

PROPOSED
RIGHT OF WAY

PERPETUAL EASEMENT FOR
STORMWATER MANAGEMENT

TEMPORARY EASEMENT
FOR CONSTRUCTION

℄ CONSTRUCTION MD 650
(NEW HAMPSHIRE AVENUE)

KN12
BLOCK 1
GUDE PROPERTY
PLAT 19 PG. 23
LOT 11
WALGREEN CO.
L.33877 F.676
ACCT NO. 03167008

KN12
BLOCK 1
GUDE PROPERTY
PLAT 19 PG. 23
LOTS 5-10 & 12-16
WALGREEN CO.
L.33877 F.676
ACCT NO. 03166994

KN12
BLOCK 1
GUDE PROPERTY
PLAT 19 PG. 23
LOTS 17-19
WALGREEN CO.
L.33877 F.676
ACCT NO. 03167010

KN12 N157
UNILANG PARK ASSOCIATE LTD
PARTNERSHIP CULMORE REA CO.
L.4192 F.434
ACCT NO. 03177587

TEMPORARY EASEMENT
FOR CONSTRUCTION

TEMPORARY EASEMENT
FOR CONSTRUCTION

N 481,450
E 1,315,650

E 1,316,300
N 480,950

KN12
BLOCK 1
GUDE PROPERTY
PLAT 19 PG. 23
LOT 35
WALGREEN CO.
L.33877 F.676

6401+00
6402+00
6403+00
6404+00
6405+00
6406+00
6407+00
6408+00
6409+00
6410+00
6411+00
6412+00
6413+00
6414+00
6415+00
6416+00
6417+00
6418+00
6419+00
6420+00
6421+00
6422+00
6423+00
6424+00
6425+00
6426+00
6427+00
6428+00
6429+00
6430+00
6431+00
6432+00
6433+00
6434+00
6435+00
6436+00
6437+00
6438+00
6439+00
6440+00
6441+00
6442+00
6443+00
6444+00
6445+00
6446+00
6447+00
6448+00
6449+00
6450+00
6451+00
6452+00
6453+00
6454+00
6455+00
6456+00
6457+00
6458+00
6459+00
6460+00
6461+00
6462+00
6463+00
6464+00
6465+00
6466+00
6467+00
6468+00
6469+00
6470+00
6471+00
6472+00
6473+00
6474+00
6475+00
6476+00
6477+00
6478+00
6479+00
6480+00
6481+00
6482+00
6483+00
6484+00
6485+00
6486+00
6487+00
6488+00
6489+00
6490+00
6491+00
6492+00
6493+00

LOD

LEGEND

- PROPOSED FEE SIMPLE ACQUISITION
- PERPETUAL EASEMENT FOR DRAINAGE FACILITY AS INDICATED BY NOTATION
- PERPETUAL EASEMENT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION
- REVERTIBLE EASEMENT FOR SUPPORTING SLOPES
- REVERTIBLE EASEMENT OR RIGHT FOR SPECIAL PURPOSE AS INDICATED BY NOTATION

WORK IN PROGRESS - INFORMATION SHOWN IS BASED ON PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE BASED ON FURTHER COORDINATION WITH MTA. THE PROPERTY LINES SHOWN HEREIN ARE COMPILED FROM DEEDS AND PLATS OF RECORD. RIGHT OF WAY PLATS ARE SEPARATELY BEING PREPARED THAT ARE BASED ON ACCURATE BOUNDARY SURVEY.

40' 0 40' 80'
SCALE: 1"=40'

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

STV
STV Incorporated

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	NJD
DRAWN	NJD
CHECK	JNS
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

RIGHT OF WAY PLAN
STA TRK 1 494+50 TO STA TRK 1 505+50

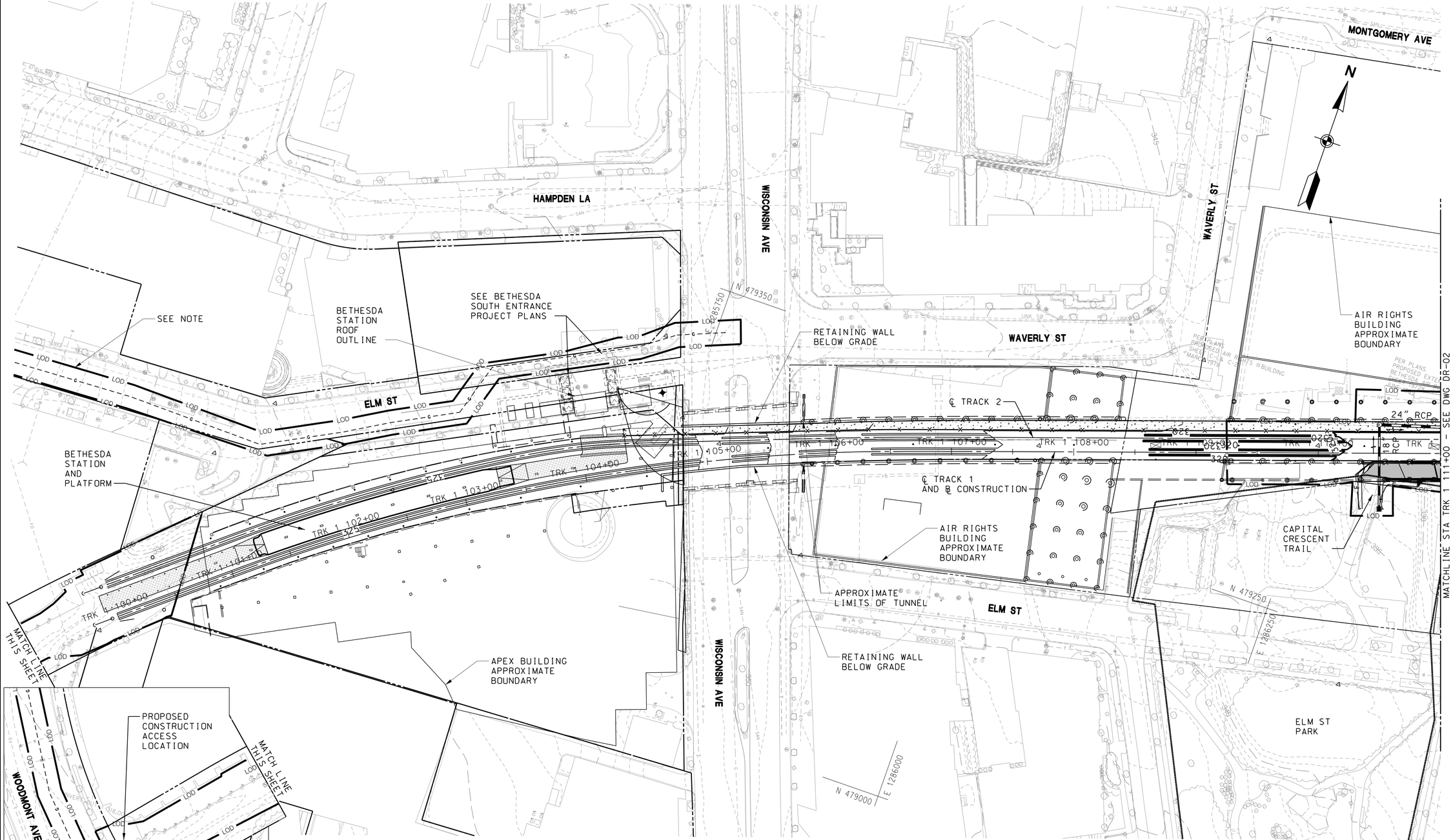
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO.
T-1042-0220

DRAWING NO.
RW-40

SHEET NO.
46 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\130 GEC CADD Files\Zone 06-East\Civil\Sheet Files\1042pRW6105.dgn
12/18/2013



NOTE:
1. SEE DWG NO. UT-001 IN VOLUME 5 PROPOSED UNDERGROUND UTILITY PLANS FOR CONTINUATION OF LOD DUE TO PROPOSED GAS LINE RELOCATION, ALONG ELM ST, WOODMONT AVE, AND BETHESDA AVE.

40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland
License No. ____ Expiration Date ____

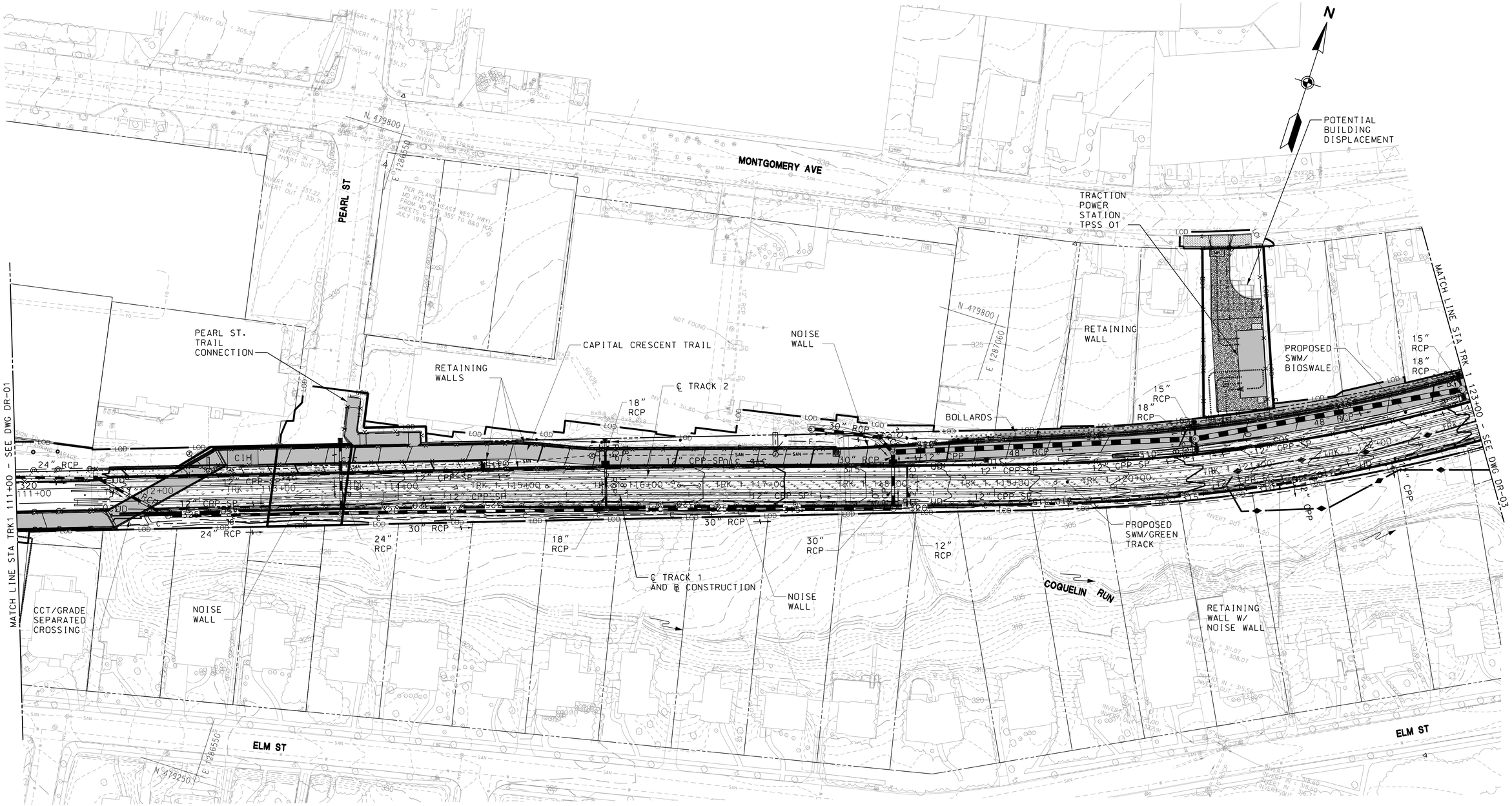
DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	DBR/DLH
DRAWN	DBR
CHECK	JDC
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL
SWM & DRAINAGE PLAN
STA TRK 1 100+00 TO STA TRK 1 111+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. DR-01
SHEET NO. 100 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\130 GEC CADD Files\Zone 01 - West\Drainage\Sheet Files\1042pDR1101.dgn
12/10/2013



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	DBR/DLH
DRAWN	DBR
CHECK	JDC
APPR	

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN

STA TRK 1 111+00 TO STA TRK 1 123+00

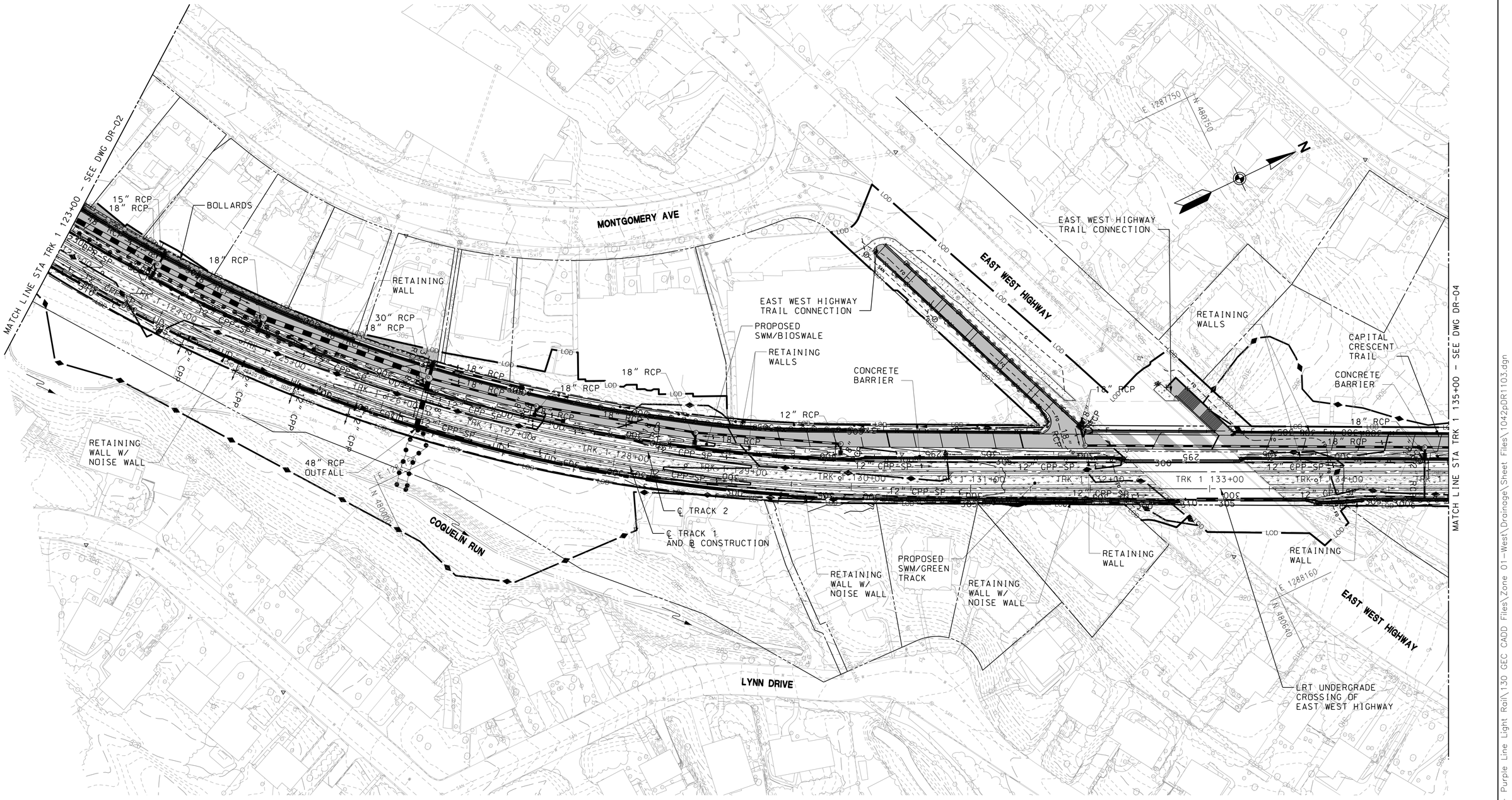
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. DR-02

SHEET NO. 101 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\130 GEC CADD Files\Zone 01-West\Drainage\Sheet Files\1042pDR1102.dgn
12/11/2013



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	DBR/DLH
DRAWN	DBR
CHECK	JDC
APPR	

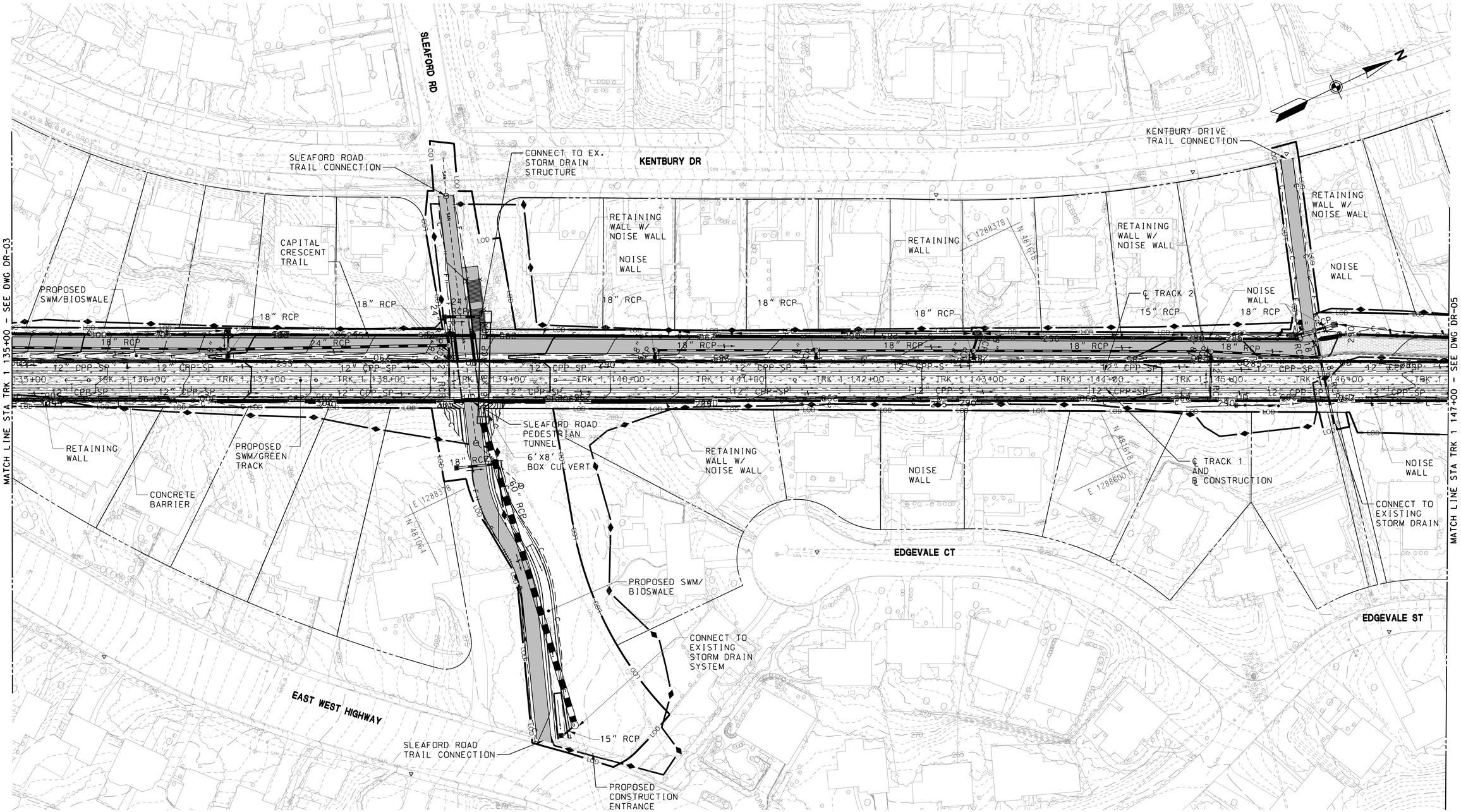
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN
STA TRK 1 123+00 TO STA TRK 1 135+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. DR-03
SHEET NO. 102 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\130 GEC CADD Files\Zone 01-West\Drainage\Sheet Files\1042pDR1103.dgn
12/11/2013



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	DBR/DLH
DRAWN	DBR
CHECK	JDC
APPR	

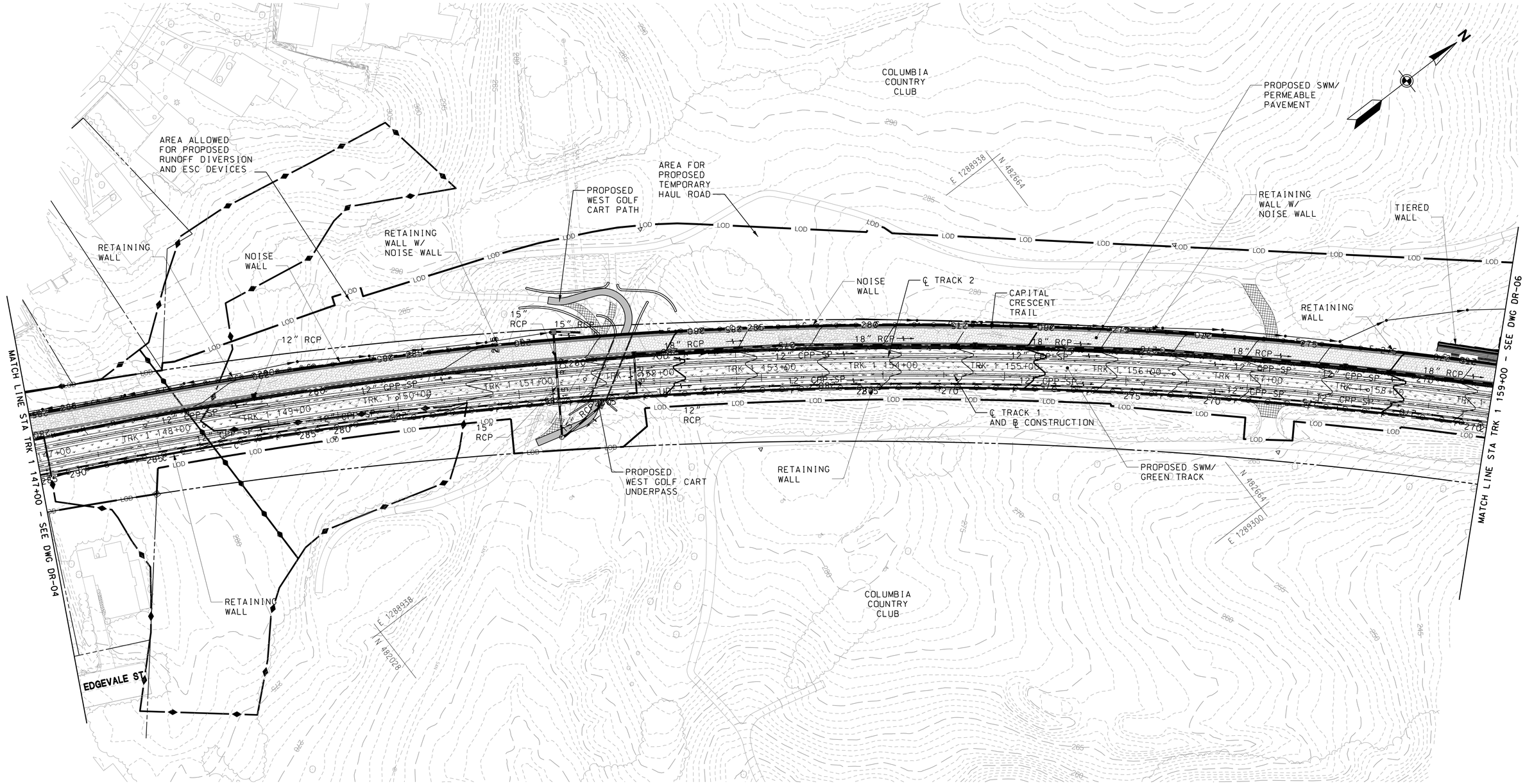
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN
STA TRK 1 135+00 TO STA TRK 1 147+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. DR-04
SHEET NO. 103 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\130 GEC CADD Files\Zone 01-West\Drainage\Sheet Files\1042pDR1104.dgn
12/11/2013



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. ____ Expiration Date ____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	DBR/DLH
DRAWN	DBR
CHECK	JDC
APPR	

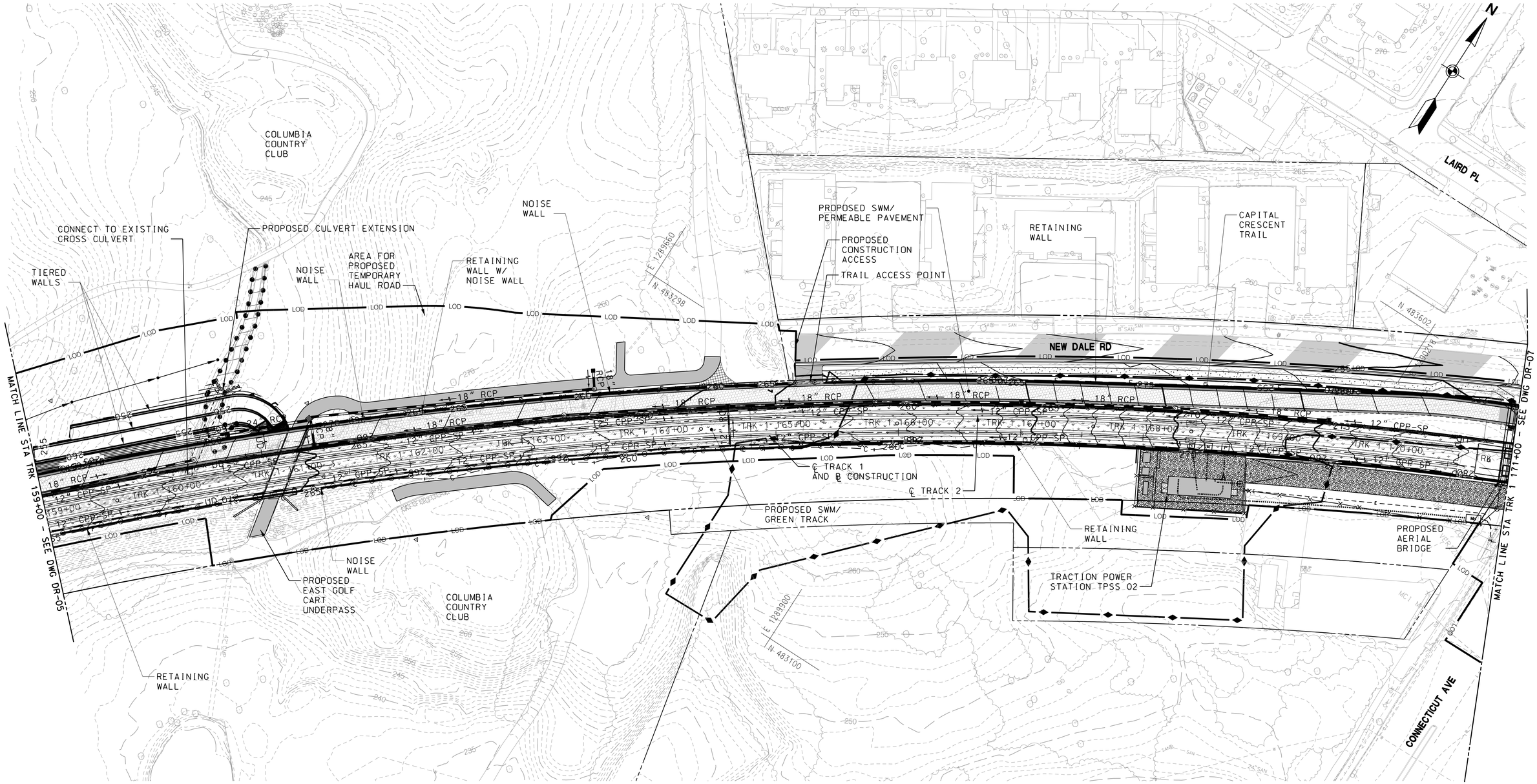
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN
STA TRK 1 147+00 TO STA TRK 1 159+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. DR-05
SHEET NO. 104 OF 189

pw:\\00 – Current Projects\1042 – Purple Line Light Rail\130 CEC CADD Files\Zone 01–West\Drainage\Sheet Files\1042pDR11105.dgn
12/11/2013



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	DBR/DLH
DRAWN	DBR
CHECK	JDC
APPR	

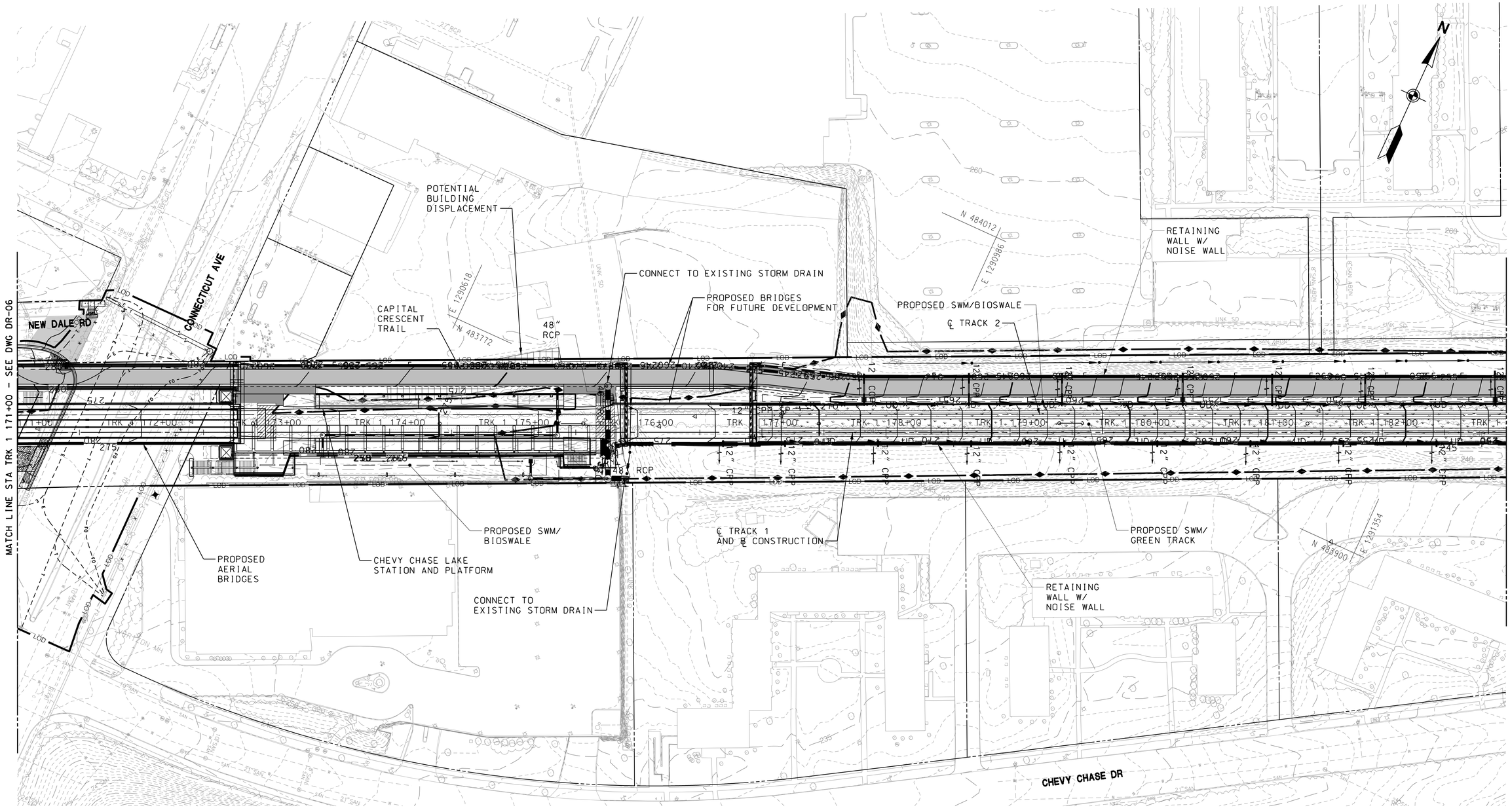
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN
STA TRK 1 159+00 TO STA TRK 1 171+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. DR-06
SHEET NO. 105 OF 189

pw:\\00 – Current Projects\1042 – Purple Line Light Rail\130 GEC CADD Files\Zone 01-West\Drainage\Sheet Files\1042pDR1106.dgn
12/11/2013



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	DBR/DLH
DRAWN	DBR
CHECK	JDC
APPR	

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN

STA TRK 1 171+00 TO STA TRK 1 183+00

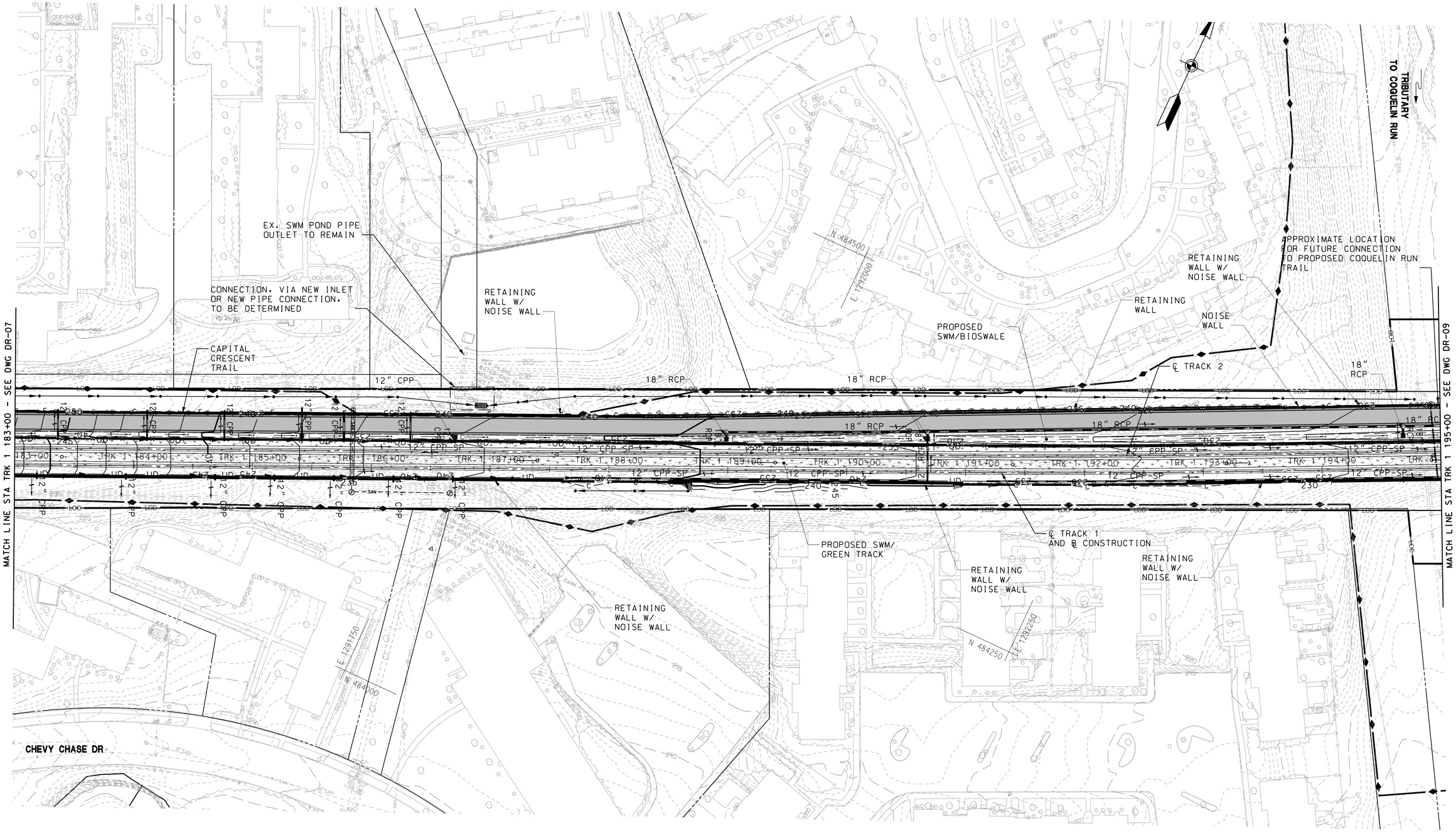
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. DR-07

SHEET NO. 106 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\130 GEC CADD Files\Zone 01-West\Drainage\Sheet Files\1042pDR1107.dgn
12/11/2013



40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland
License No. ____ Expiration Date ____

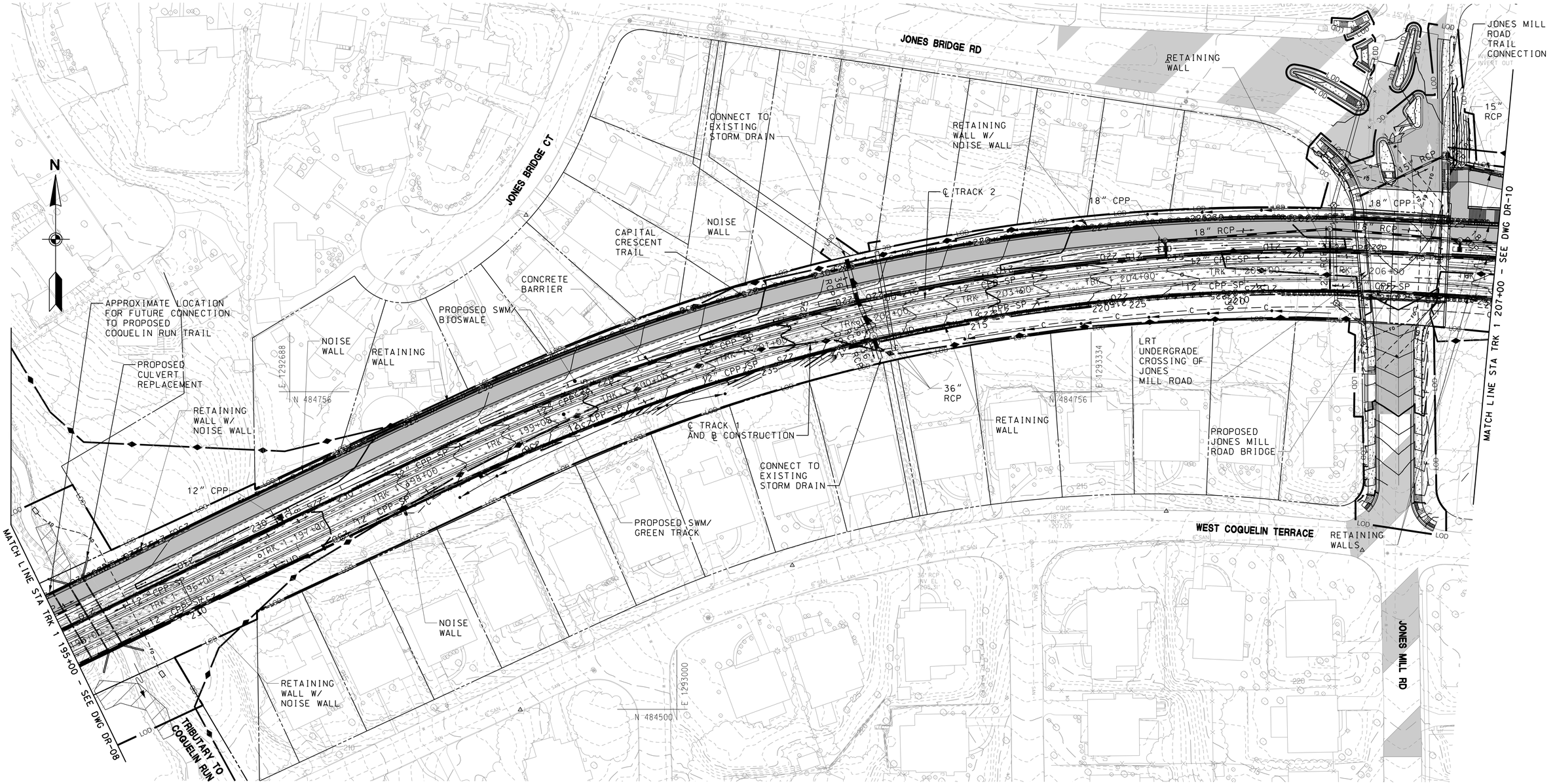
DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	DBR/DLH
DRAWN	DBR
CHECK	JDC
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL
SWM & DRAINAGE PLAN
STA TRK 1 183+00 TO STA TRK 1 195+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. DR-08
SHEET NO. 107 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\130 GEC CADD Files\Zone 01-West\Drainage Sheet Files\1042pDR1108.dgn
12/11/2013



MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	DBR/DLH
DRAWN	DBR
CHECK	JDC
APPR	

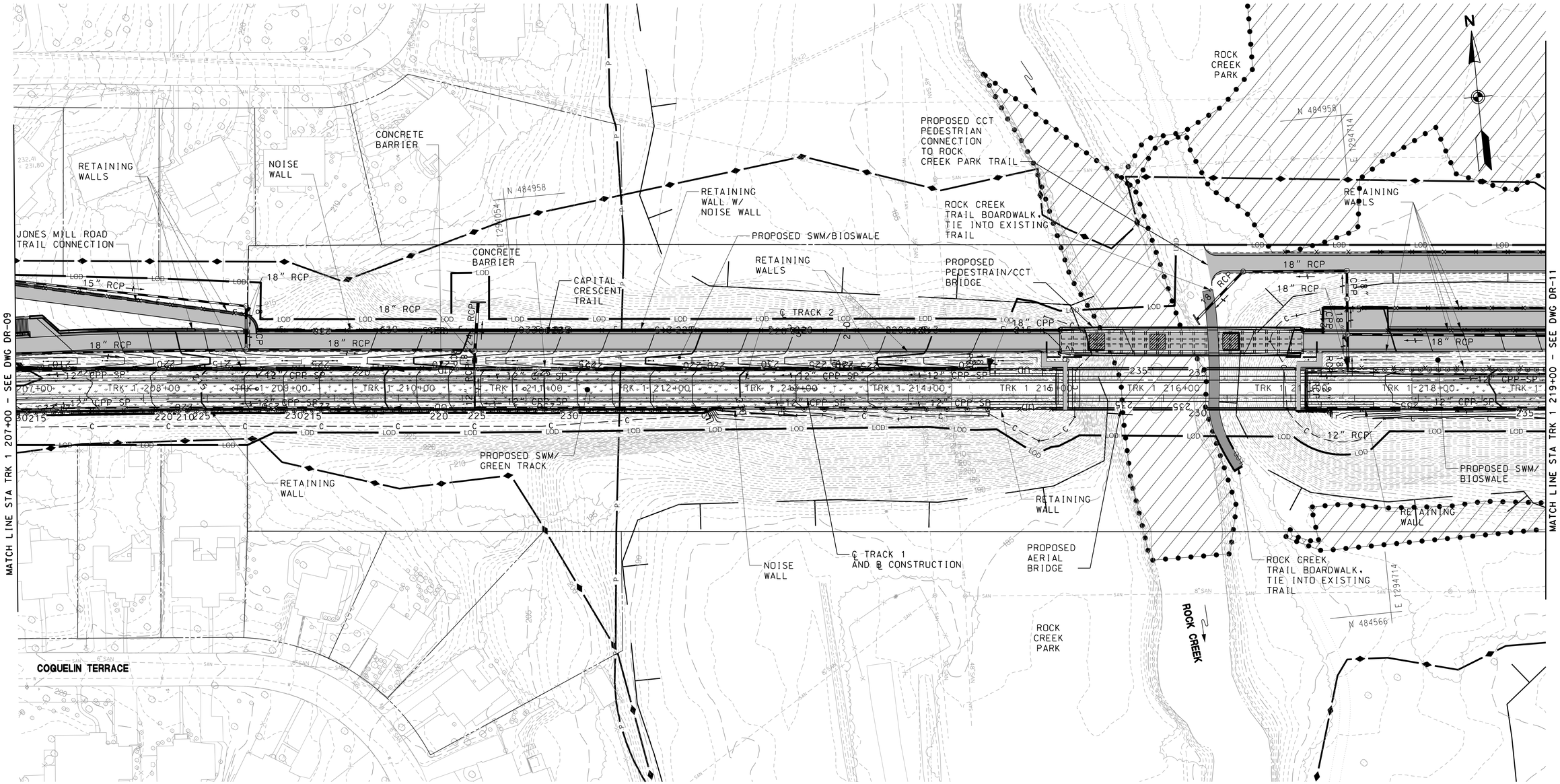
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN
STA TRK 1 195+00 TO STA TRK 1 207+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. DR-09
SHEET NO. 108 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\130 GEC CADD Files\Zone 01-West\Drainage\Sheet Files\ 12/17/2013



NOTE:
1. SEE DWG NO. TR-14 IN VOLUME 1 FOR ROCK CREEK TRAIL BOARDWALK PROFILE.

40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming
WR&A

PROFESSIONAL CERTIFICATION
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland
License No. Expiration Date

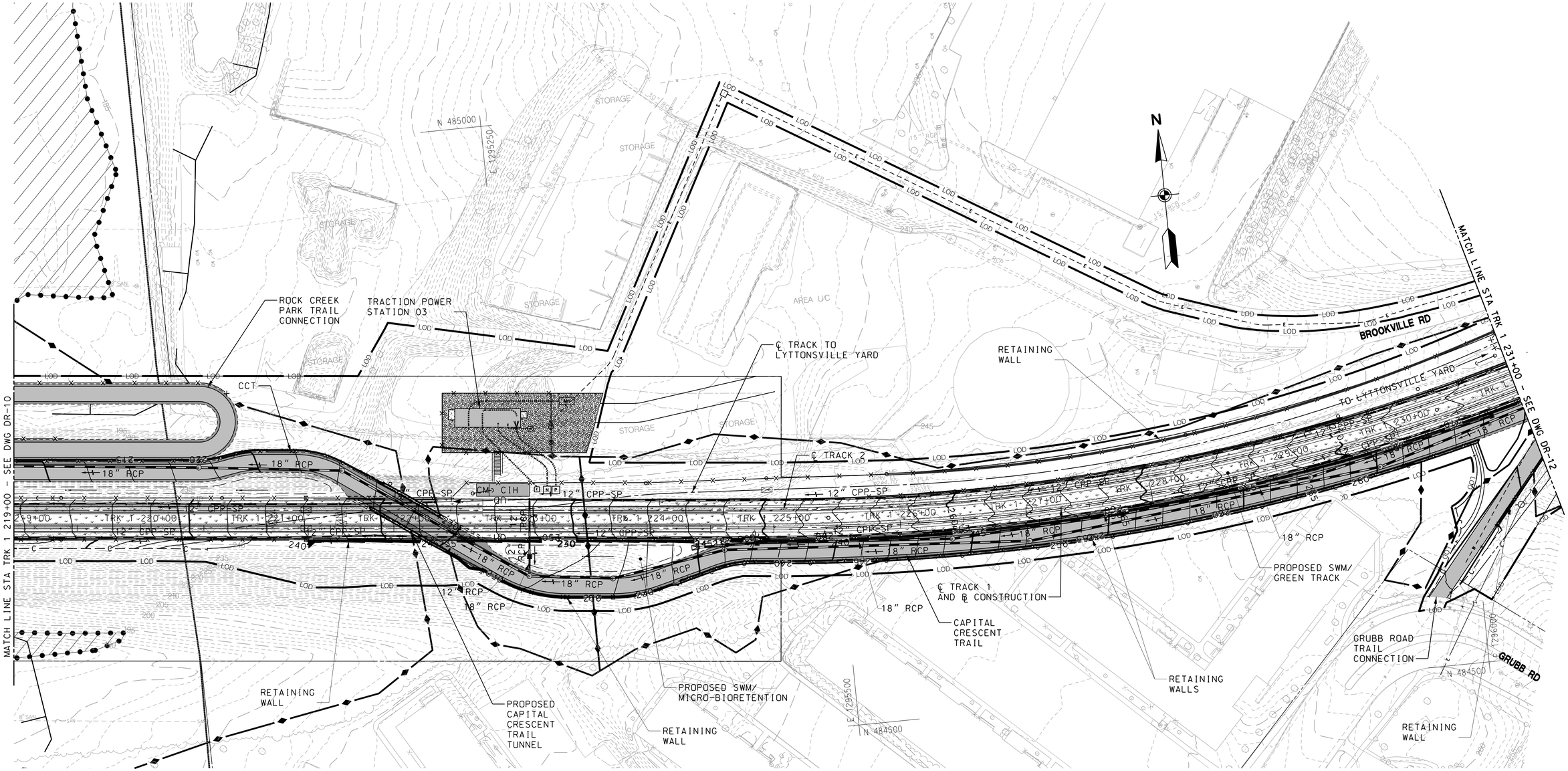
DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	DBR/DLH
DRAWN	DBR
CHECK	JDC
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL
SWM & DRAINAGE PLAN
STA TRK 1 207+00 TO STA TRK 1 219+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. DR-10
SHEET NO. 109 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\130 GEC CADD Files\Zone 01-West\Drainage\Sheet Files\1042pDR1110.dgn
12/11/2013



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	DBR/DLH
DRAWN	DBR
CHECK	JDC
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN
STA TRK 1 219+00 TO STA TRK 1 231+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. DR-11
SHEET NO. 110 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\130 GEC CADD Files\Zone 01-West\Drainage\Sheet Files\1042pDR1111.dgn
12/10/2013

MATCH LINE STA TRK 1 231+00 - DWG DR-11

MATCH LINE STA TRK 1 243+00 - SEE DWG DR-13

BROOKVILLE RD

RETAINING WALLS

LYTTONSVILLE YARD GARAGE ENTRANCE

OUTFALL FROM LYTTONSVILLE YARD SWM

RETAINING WALL

℄ TRACK 2

LYTTONSVILLE YARD FOOTPRINT, SEE DWG NOS. DR-L01 TO DR-L03.

GRUBB RD TRAIL CONNECTION

RETAINING WALLS

12" RCP

18" RCP

℄ TRACK 1 AND ℄ CONSTRUCTION

PROPOSED SWM/ GREEN TRACK

CAPITAL CRESCENT TRAIL

RETAINING WALL

CONNECT TO EXISTING STORM DRAIN SYSTEM

N 485220
E 1296370

N 484638
E 1296250

N 485250
E 1296910

40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	DBR/DLH
DRAWN	DBR
CHECK	JDC
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN
STA TRK 1 231+00 TO STA TRK 1 243+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. DR-12
SHEET NO. 111 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\130 GEC CADD Files\Zone 01-West\Drainage\Sheet Files\1042pDR1112.dgn
12/10/2013

PITTMAN DR

GARFIELD AVE

CONNECT TO EXISTING INLET

CONNECT TO EXISTING INLET

BROOKVILLE RD

PROPOSED STORM DRAIN OUTFALLS TO STORM DRAIN SYSTEM OF LYTTONSVILLE YARD

LYTTONSVILLE YARD FOOTPRINT. SEE DWG NOS. DR-L01 TO DR-L03.

LYTTONSVILLE PL (EXISTING)

PROPOSED LYTTONSVILLE PLACE BRIDGE

POTENTIAL BUILDING DISPLACEMENT

℄ TRACK LYTTONSVILLE YARD

CONCRETE BARRIER

E 1297238

N 486330

BRIDGE SCUPPER TO OUTLET TO DITCH ADJACENT TO CCT

℄ TRACK 2

MATCH LINE STA TRK 1 243+00 - SEE DWG DR-12

MATCH LINE STA TRK 1 255+00 - SEE DWG DR-14

LRT UNDERGRADE CROSSING OF PROPOSED LYTTONSVILLE PLACE

LYTTONSVILLE PLACE TRAIL CONNECTION

CONNECT TO EXISTING STORM DRAIN

CONNECT TO EXISTING DRAINAGE STRUCTURE

℄ TRACK 1 AND ℄ CONSTRUCTION

LYTTONSVILLE STATION AND PLATFORM

PROPOSED SWM/ GREEN TRACK

CAPITAL CRESCENT TRAIL

RETAINING WALL

PROPOSED COMMERCIAL ACCESS DRIVEWAY

N 486330

E 1291558

TRIBUTARY TO ROCK CREEK

PROPOSED SWM FACILITY

E 1297420

N 485870

LYTTONSVILLE PL

FOR DRAINAGE, UTILITY, AND BRIDGE DESIGNS, TEST PITTING FOR THE EXISTING 60" RCP STORM DRAIN FOR ALIGNMENT AND ELEVATION MAY BE NECESSARY

40′ 0 40′ 80′

SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION

MTA Maryland

Gannett Fleming

WR&A

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	DBR/DLH
DRAWN	DBR
CHECK	JDC
APPR	

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN

STA TRK 1 243+00 TO STA TRK 1 255+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. DR-13

SHEET NO. 112 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\130 GEC CADD Files\Zone 01-West\Drainage\Sheet Files\1042pDR1113.dgn

12/11/2013

BROOKVILLE AVENUE

TALBOT AVENUE

STEWART AVENUE

KANSAS AVENUE

℄ TRACK 2

℄ TRACK 1 AND ℄ CONSTRUCTION

℄ CONSTRUCTION CAPITAL CRESCENT TRAIL

℄ CONSTRUCTION STEWART AVE

RETAINING WALL

RETAINING WALL

CONN. TO EXIST STORM DRAIN

CONN. TO EXIST STORM DRAIN

SWM DRY POND

FOREBAY

ACCESS ROAD

MATCH LINE STA. TRK 1 255+00 - SEE DWG DR-13

MATCH LINE STA. TRK 1 267+00 - SEE DWG DR-15

N 487030

E 1297238

N 486530

E 1297838

N 487030

E 1298538

INVERT IN = 312.20
INVERT IN = 312.20
INVERT OUT = 311.30

40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

RJM ENGINEERING, INC.
CONSULTING ENGINEERS
ELLICOTT CITY, MARYLAND

PROFESSIONAL CERTIFICATION
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland
License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

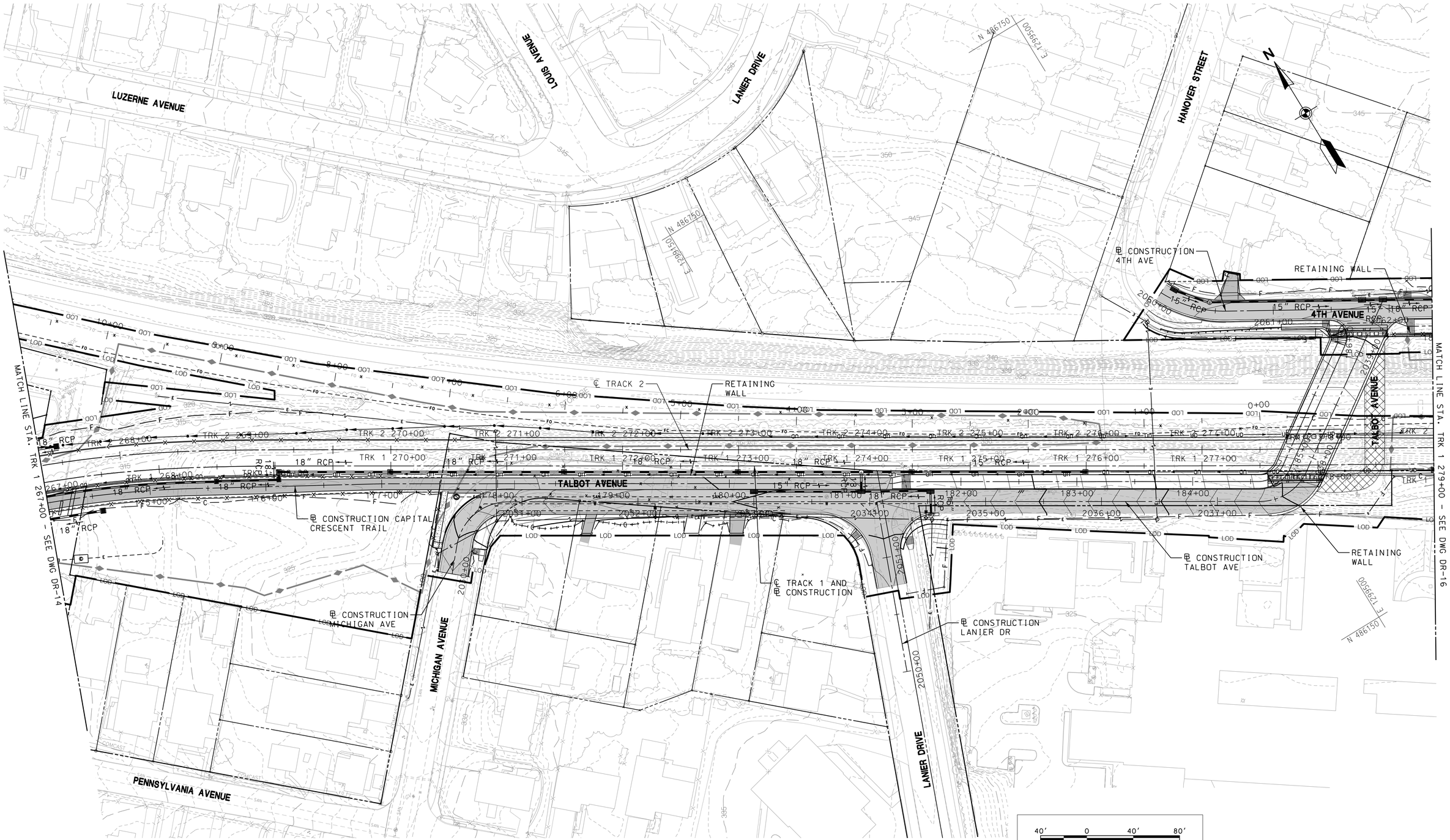
DESGN WJ
DRAWN SY
CHECK MRT
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN
STA TRK 1 255+00 TO STA TRK 1 267+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. DR-14
SHEET NO. 113 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\130 GEC CADD Files\Zone 02\Drainage\RJM\Sheet Files\1042pDR1114.dgn
12/18/2013



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

RJM ENGINEERING, INC.
CONSULTING ENGINEERS
ELLICOTT CITY, MARYLAND

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	WJ
DRAWN	SY
CHECK	MRT
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN
STA TRK 1 267+00 TO STA TRK 1 279+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. DR-15
SHEET NO. 114 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\130 GEC CADD Files\Zone 02\Drainage RJM\Sheet Files\1042pDR2101.dgn
12/18/2013



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming WR&A

RJM ENGINEERING, INC.
CONSULTING ENGINEERS
ELLICOTT CITY, MARYLAND

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	WJ
DRAWN	SY
CHECK	MRT
APPR	

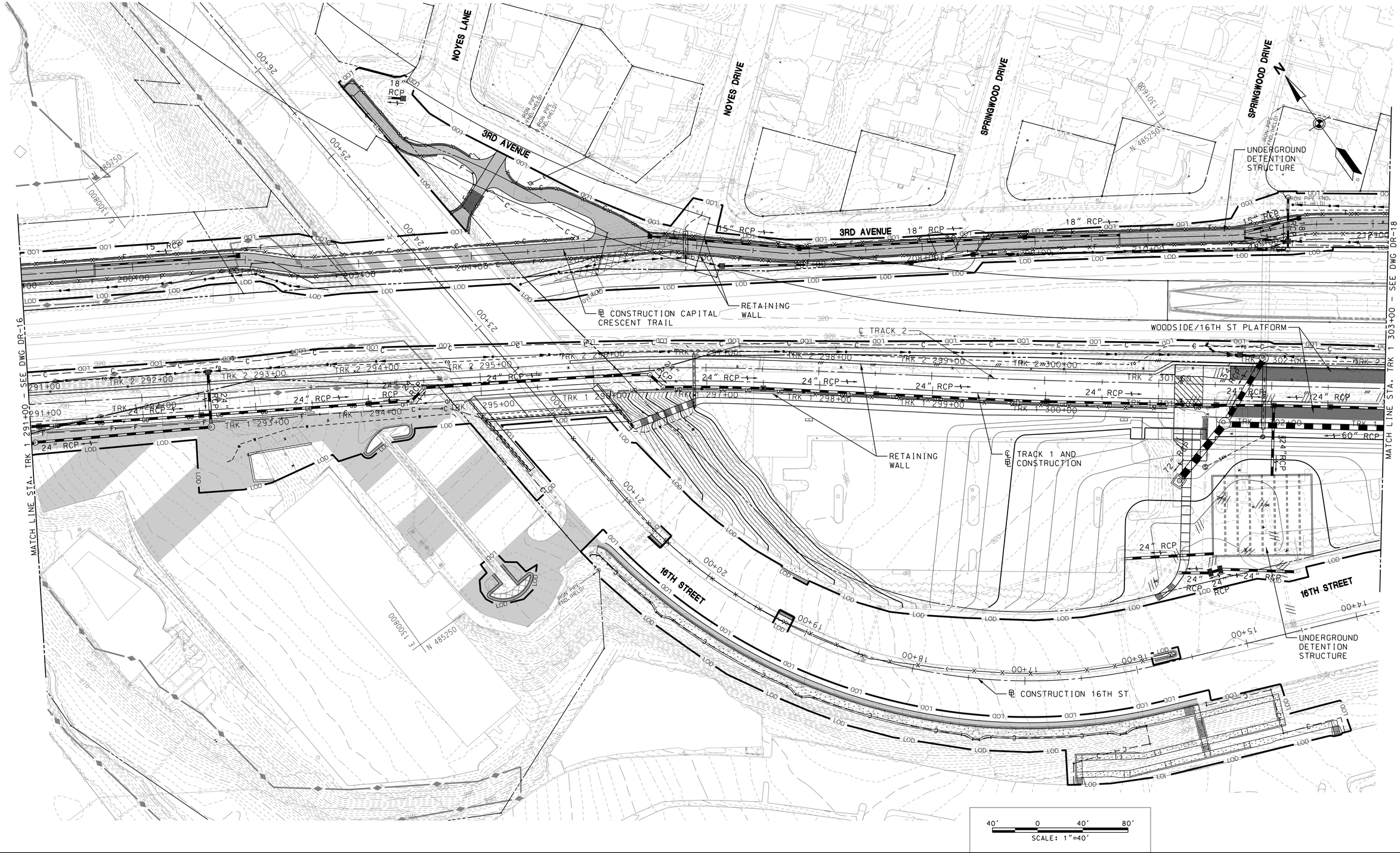
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN
STA TRK 1 279+00 TO STA TRK 1 291+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220
DRAWING NO. DR–16
SHEET NO. 115 OF 189

pw:\\00 - Current Projects\1042 – Purple Line Light Rail\130 GEC CADD Files\Zone 02\Drainage\RJM\Sheet Files\1042pDR2102.dgn
12/18/2013



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

RJM ENGINEERING, INC.
CONSULTING ENGINEERS
ELLICOTT CITY, MARYLAND

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. ____ Expiration Date ____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	WJ
DRAWN	SY
CHECK	MRT
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN
STA TRK 1 291+00 TO STA TRK 1 303+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220
DRAWING NO. DR–17
SHEET NO. 116 OF 189

pw:\\00 – Current Projects\1042 – Purple Line Light Rail\130 GEC CADD Files\Zone 02\Drainage\RJM\Sheet Files\1042pDR2103.dgn
12/18/2013

BALLARD STREET

3RD AVENUE

SPRING STREET

℄ CONSTRUCTION SPRING ST

℄ CONSTRUCTION CAPITAL CRESCENT TRAIL

UNDERGROUND DETENTION STRUCTURE

CONN. TO EXIST STORM DRAIN

RETAINING WALL

WOODSIDE/16TH ST PLATFORM

℄ CONSTRUCTION 16TH ST

16TH STREET

℄ TRACK 2

℄ TRACK 1 AND ℄ CONSTRUCTION

MATCH LINE STA. TRK 1 303+00 – SEE DWG DR-17

MATCH LINE STA. TRK 1 315+00 – SEE DWG DR-19

40′ 0 40′ 80′

SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION

MTA Maryland

Gannett Fleming

WR&A

RJM ENGINEERING, INC.
CONSULTING ENGINEERS
ELLICOTT CITY, MARYLAND

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	WJ
DRAWN	SY
CHECK	MRT
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN
STA TRK 1 303+00 TO STA TRK 1 315+00

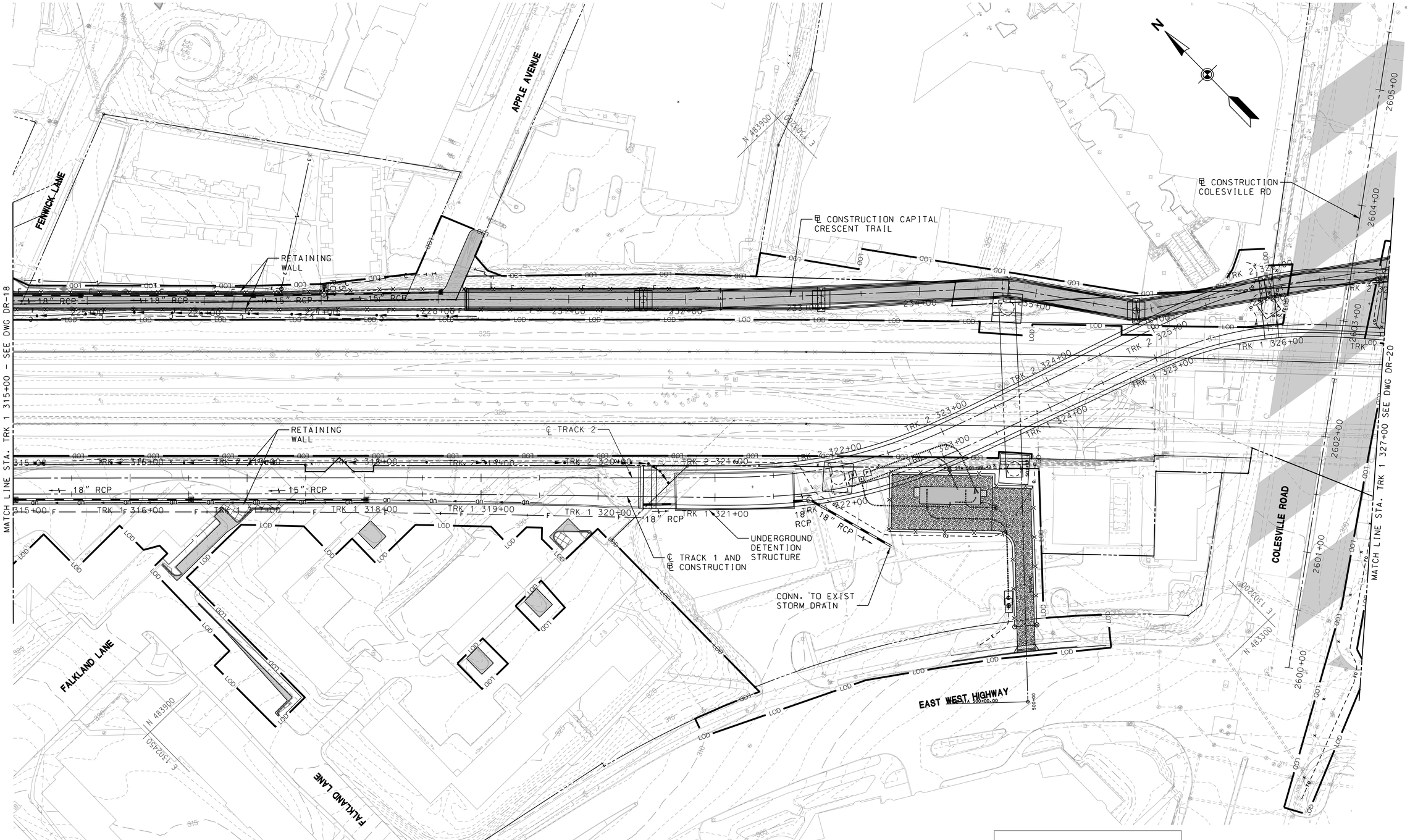
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. DR-18

SHEET NO. 117 OF 189

pw:\\00 – Current Projects\1042 – Purple Line Light Rail\130 GEC CADD Files\Zone 02\Drainage\RJM\Sheet Files\1042pDR2104.dgn
12/18/2013



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

RJM ENGINEERING, INC.
CONSULTING ENGINEERS
ELLICOTT CITY, MARYLAND

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	WJ
DRAWN	SY
CHECK	MRT
APPR	

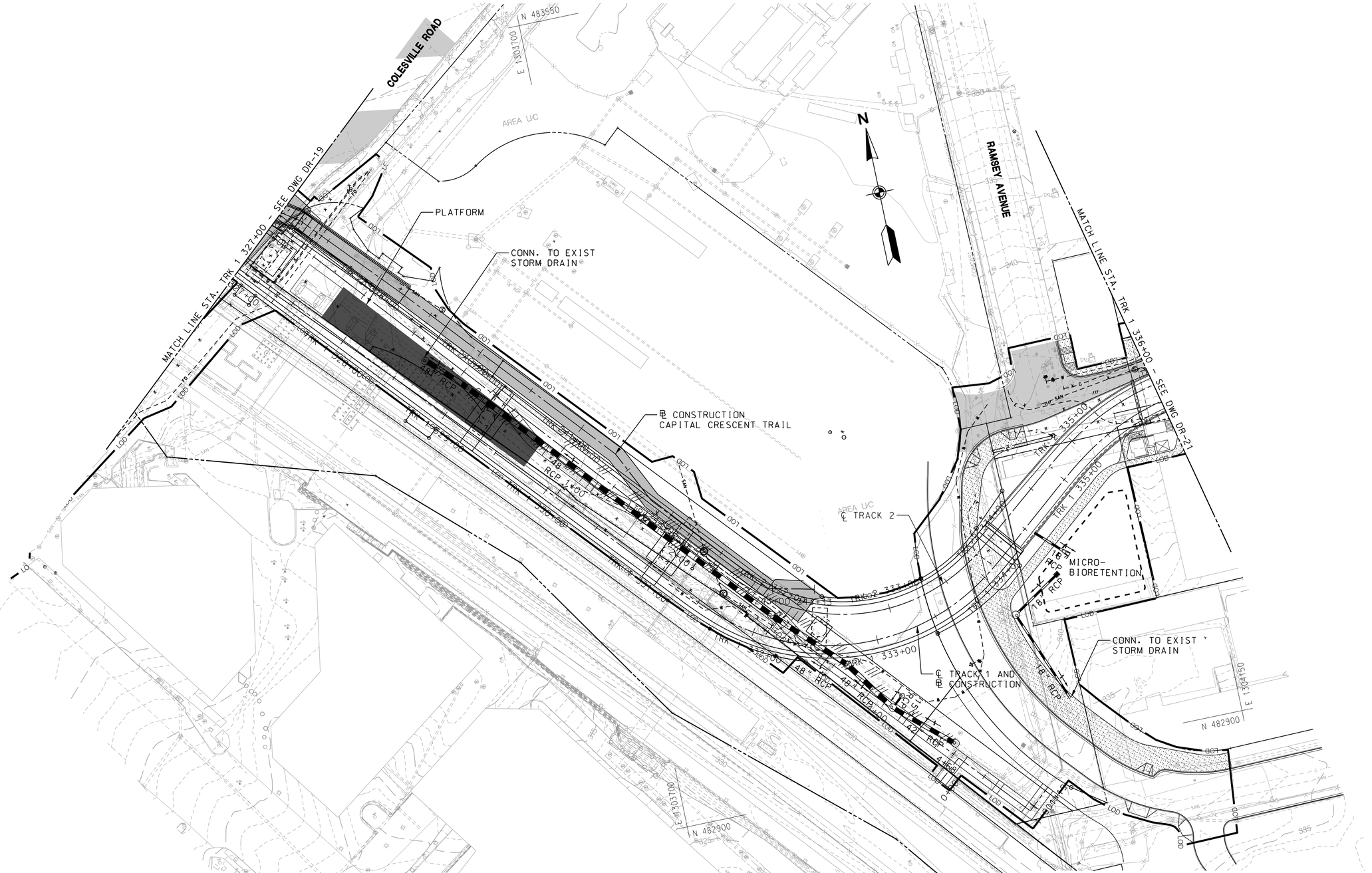
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN
STA TRK 1 315+00 TO STA TRK 1 327+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220
DRAWING NO. DR–19
SHEET NO. 118 OF 189

pw:\\00 – Current Projects\1042 – Purple Line Light Rail\130 GEC CADD Files\Zone 02\Drainage\RJM\Sheet Files\1042pDR2105.dgn
12/18/2013



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

RJM ENGINEERING, INC.
CONSULTING ENGINEERS
ELLICOTT CITY, MARYLAND

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	WJ
DRAWN	SY
CHECK	MRT
APPR	

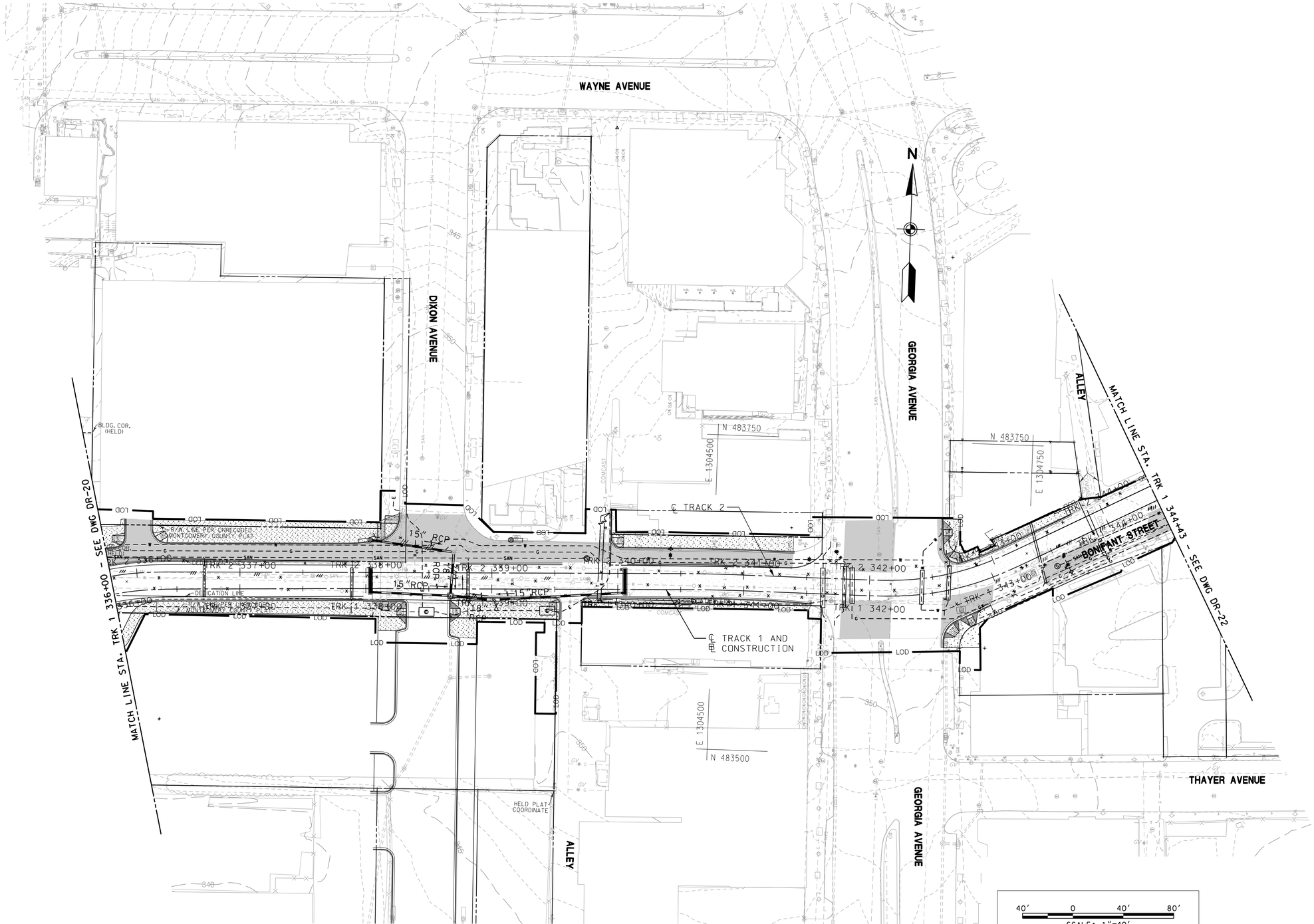
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN
STA TRK 1 327+00 TO STA TRK 1 336+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. DR-20
SHEET NO. 119 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\130 GEC CADD Files\Zone 02\Drainage\RJM\Sheet Files\1042pDR2106.dgn
12/18/2013



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

RJM ENGINEERING, INC.
CONSULTING ENGINEERS
ELLICOTT CITY, MARYLAND

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	WJ
DRAWN	SY
CHECK	MRT
APPR	

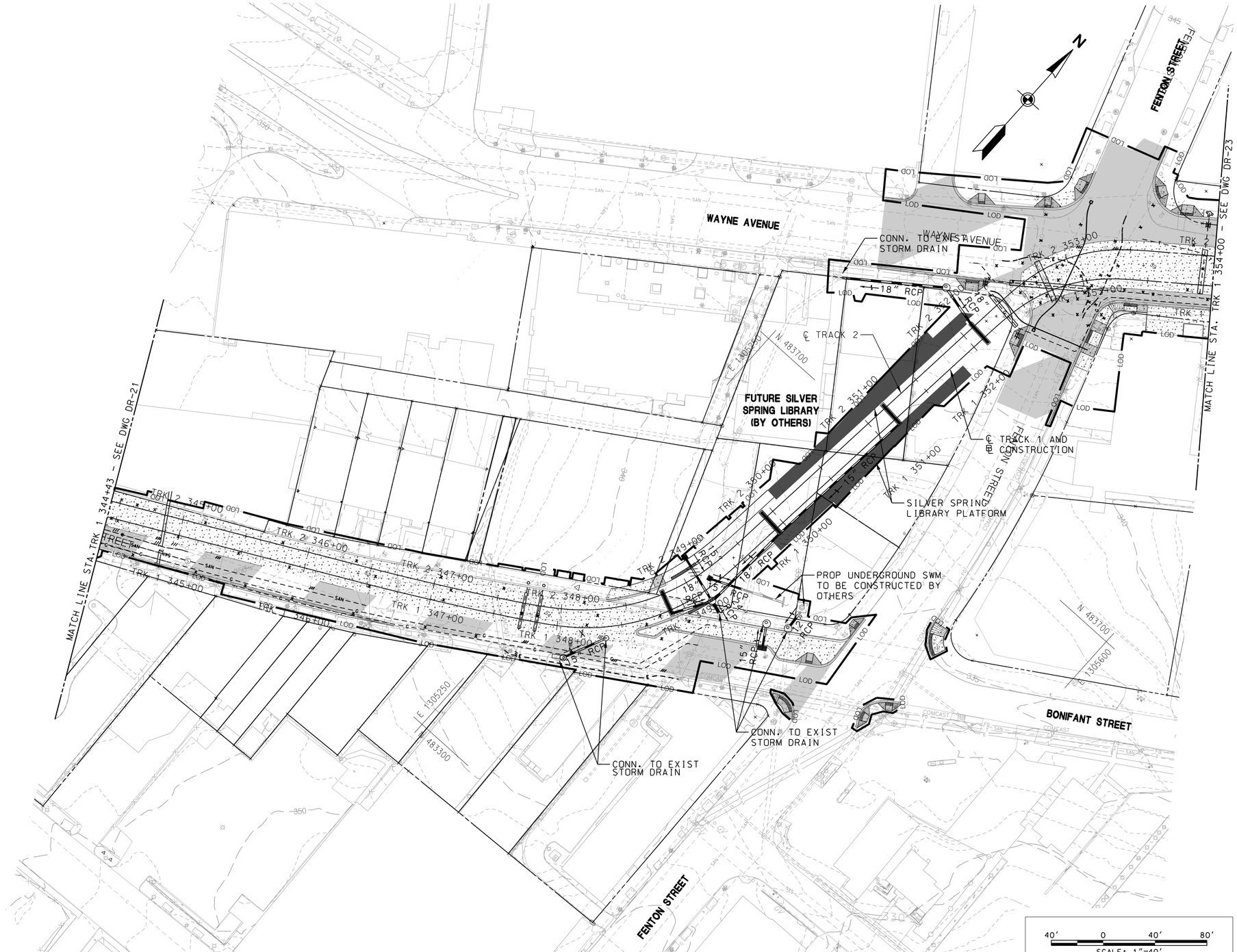
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN
STA TRK 1 336+00 TO STA TRK 1 344+43

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. DR-21
SHEET NO. 120 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\130 GEC CADD Files\Zone 02\Drainage\RJM\Sheet Files\1042pDR2107.dgn
12/18/2013



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

RJM ENGINEERING, INC.
CONSULTING ENGINEERS
ELLICOTT CITY, MARYLAND

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	WJ
DRAWN	SY
CHECK	MRT
APPR	

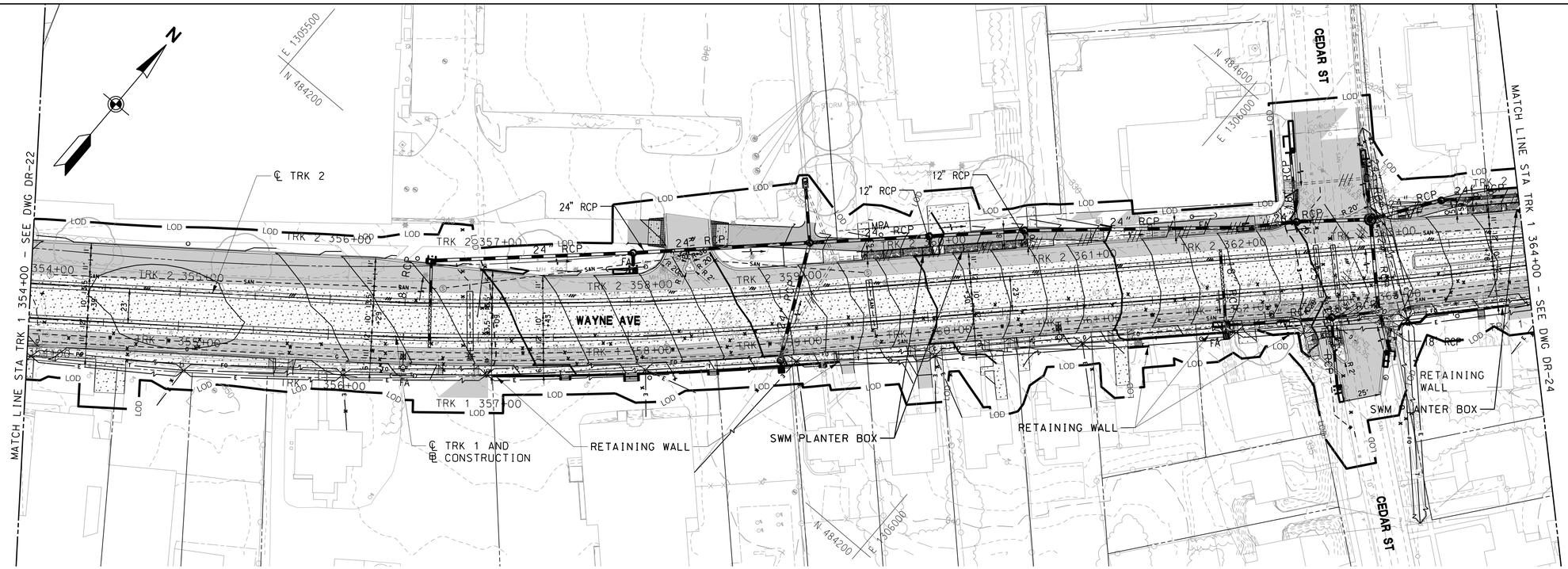
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN
STA TRK 1 344+43 TO STA TRK 1 354+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. DR-22
SHEET NO. 121 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\130 GEC CADD Files\Zone 02\Drainage\RJM\Sheet Files\1042pDR3101.dgn
12/19/2013



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

WALLACE MONTGOMERY

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	JSR
DRAWN	JRG
CHECK	CVM
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN
STA TRK 1 354+00 TO STA TRK 1 364+00

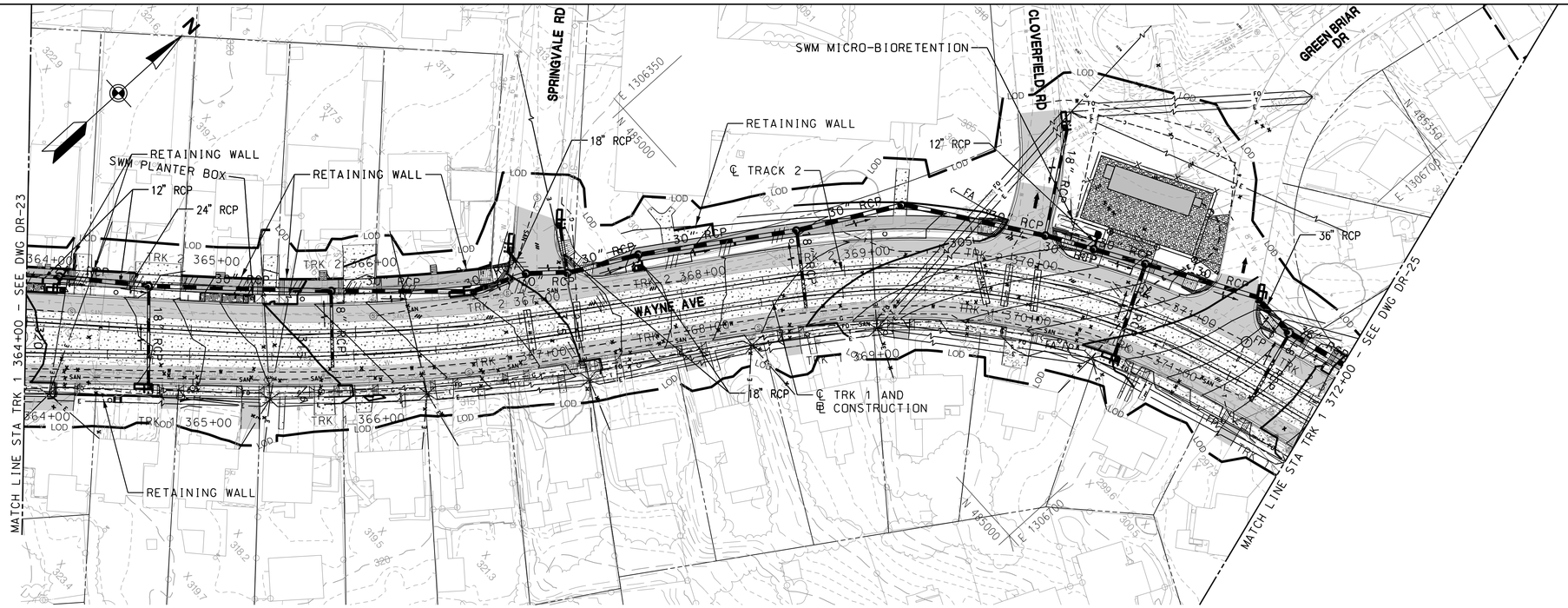
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220

DRAWING NO. DR–23

SHEET NO. 122 OF 189

pw:\\00 – Current Projects\1042 – Purple Line Light Rail\130 GEC CADD Files\Zone 03\Drainage\WMA\Sheet Files\1042pDR3102.dgn
Tuesday, December 17, 2013 AT 12:44 PM



40′ 0 40′ 80′

SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

WALLACE MONTGOMERY

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	JSR
DRAWN	JRG
CHECK	CVM
APPR	

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN

STA TRK 1 364+00 TO STA TRK 1 372+00

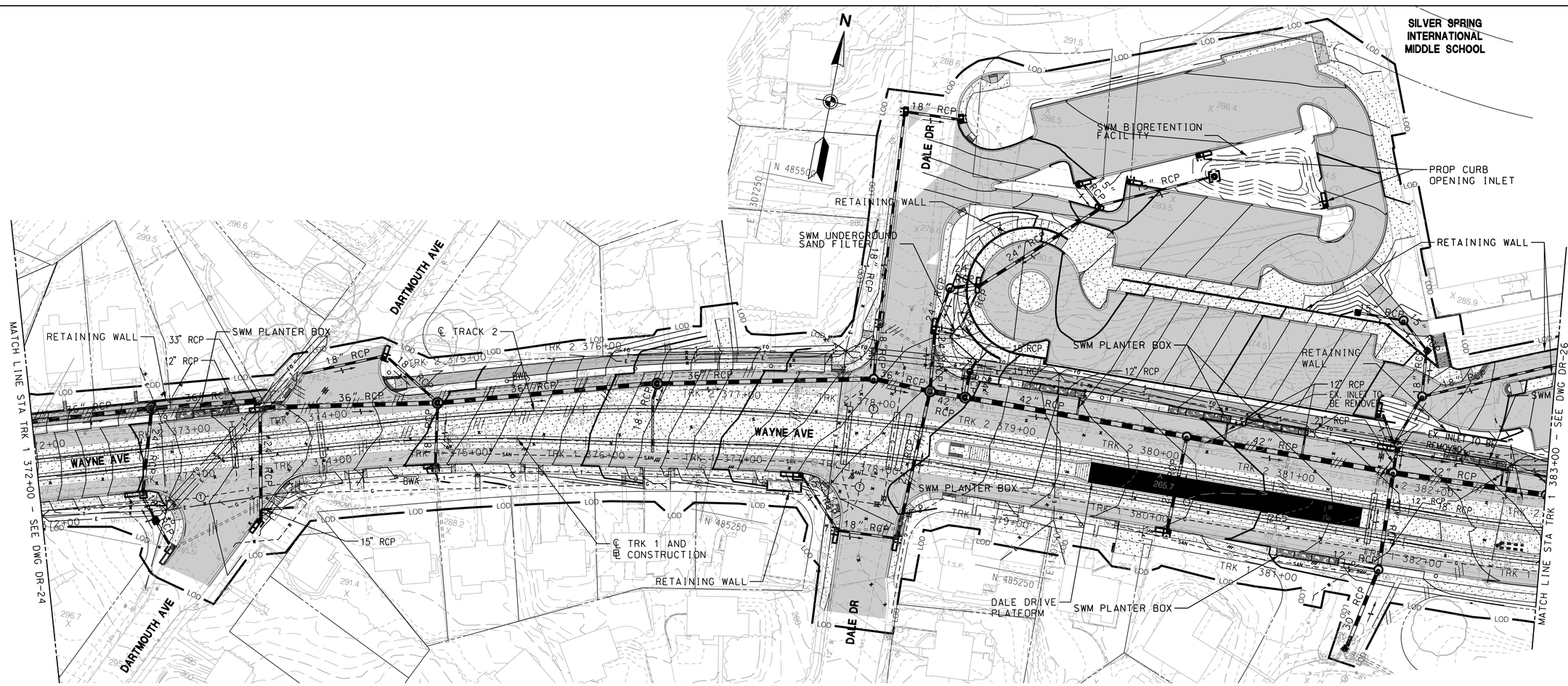
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. DR-24

SHEET NO. 123 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\130 GEC CADD Files\Zone 03\Drainage\WMA\Sheet Files\1042pDR3103.dgn
Tuesday, December 17, 2013 AT 12:46 PM



40′ 0 40′ 80′

SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

WALLACE MONTGOMERY

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	JSR
DRAWN	JRG
CHECK	CVM
APPR	

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN

STA TRK 1 372+00 TO STA TRK 1 383+00

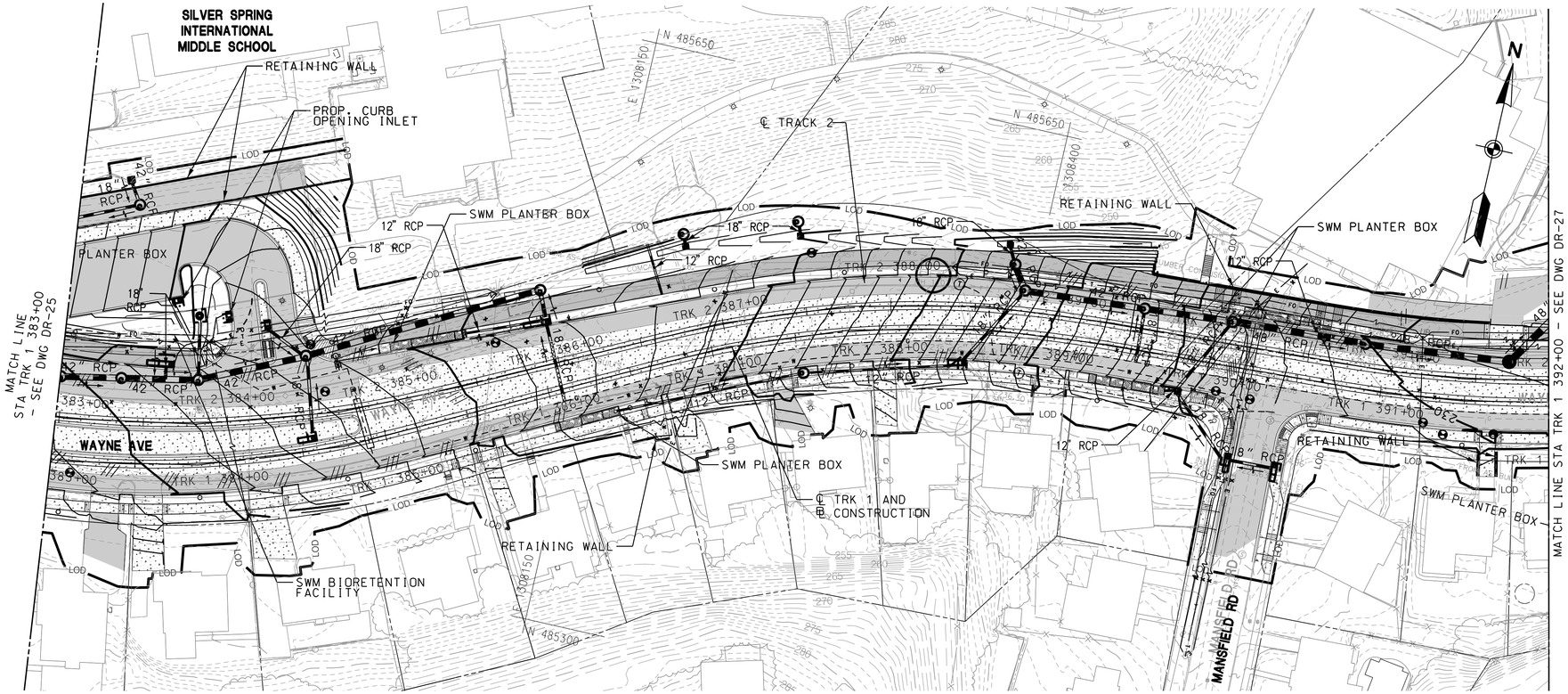
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. DR-25

SHEET NO. 124 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\130 GEC CADD Files\Zone 03\Drainage\WMA\Sheet Files\1042pDR3104.dgn
Tuesday, December 17, 2013 AT 12:48 PM



40′ 0 40′ 80′

SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

WALLACE MONTGOMERY

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	JSR
DRAWN	JRG
CHECK	CVM
APPR	

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN

STA TRK 1 383+00 TO STA TRK 1 392+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. DR-26

SHEET NO. 125 OF 189

c:\pwworking\mtapw\wrna-joseph grant\dms97656\1042pDR3102.dgn
Wednesday, December 11, 2013 AT 04:36 PM



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

WALLACE MONTGOMERY

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	JSR
DRAWN	JRG
CHECK	CVM
APPR	

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN

STA TRK 1 392+00 TO STA TRK 1 402+00

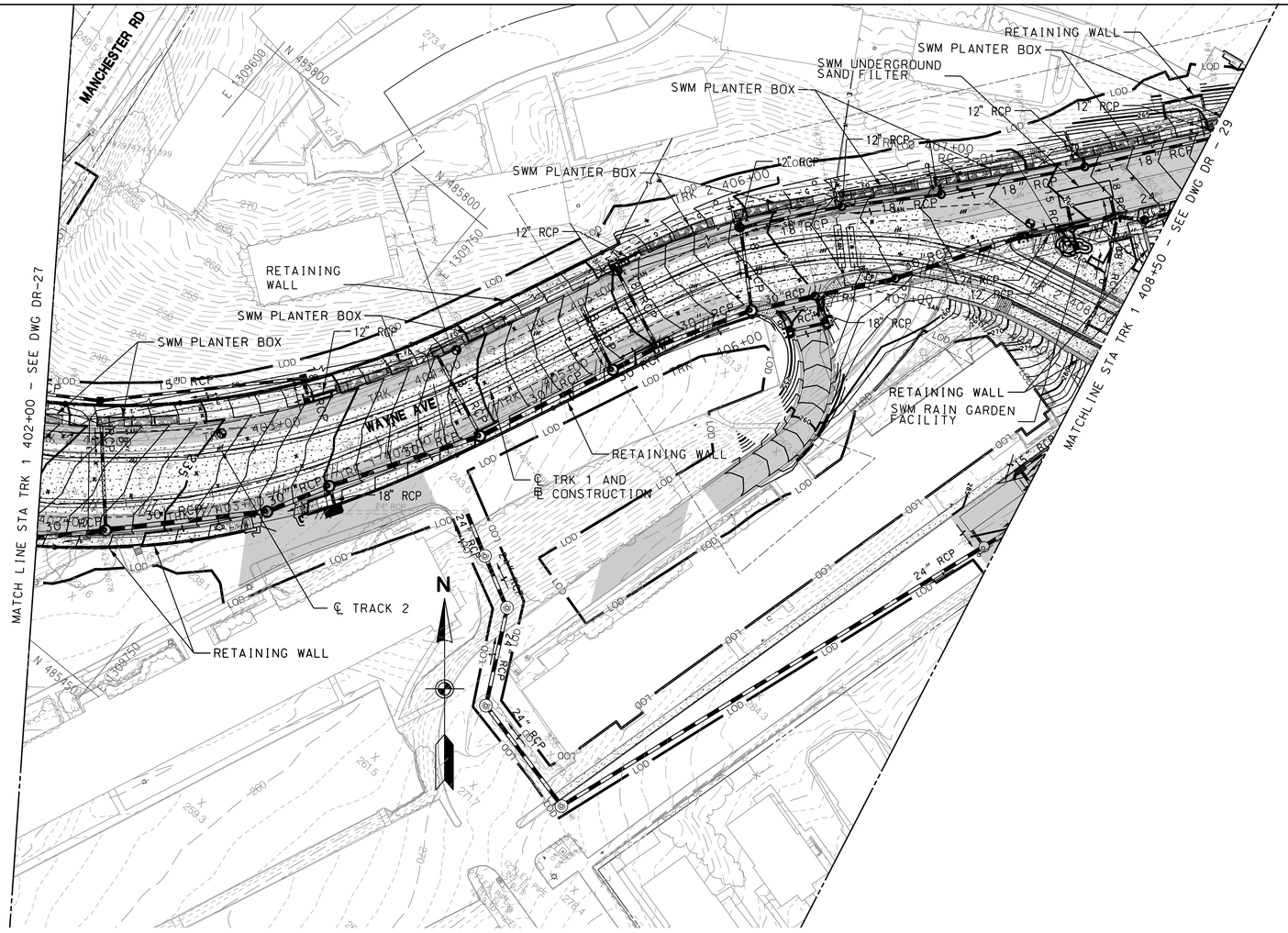
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. DR-27

SHEET NO. 126 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\130 GEC CADD Files\Zone 03\Drainage\WMA\Sheet Files\1042pDR3106.dgn
Tuesday, December 17, 2013 AT 12:49 PM



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

WALLACE MONTGOMERY

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	JSR
DRAWN	JRG
CHECK	CVM
APPR	

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN

STA TRK 1 402+00 TO STA TRK 1 408+50

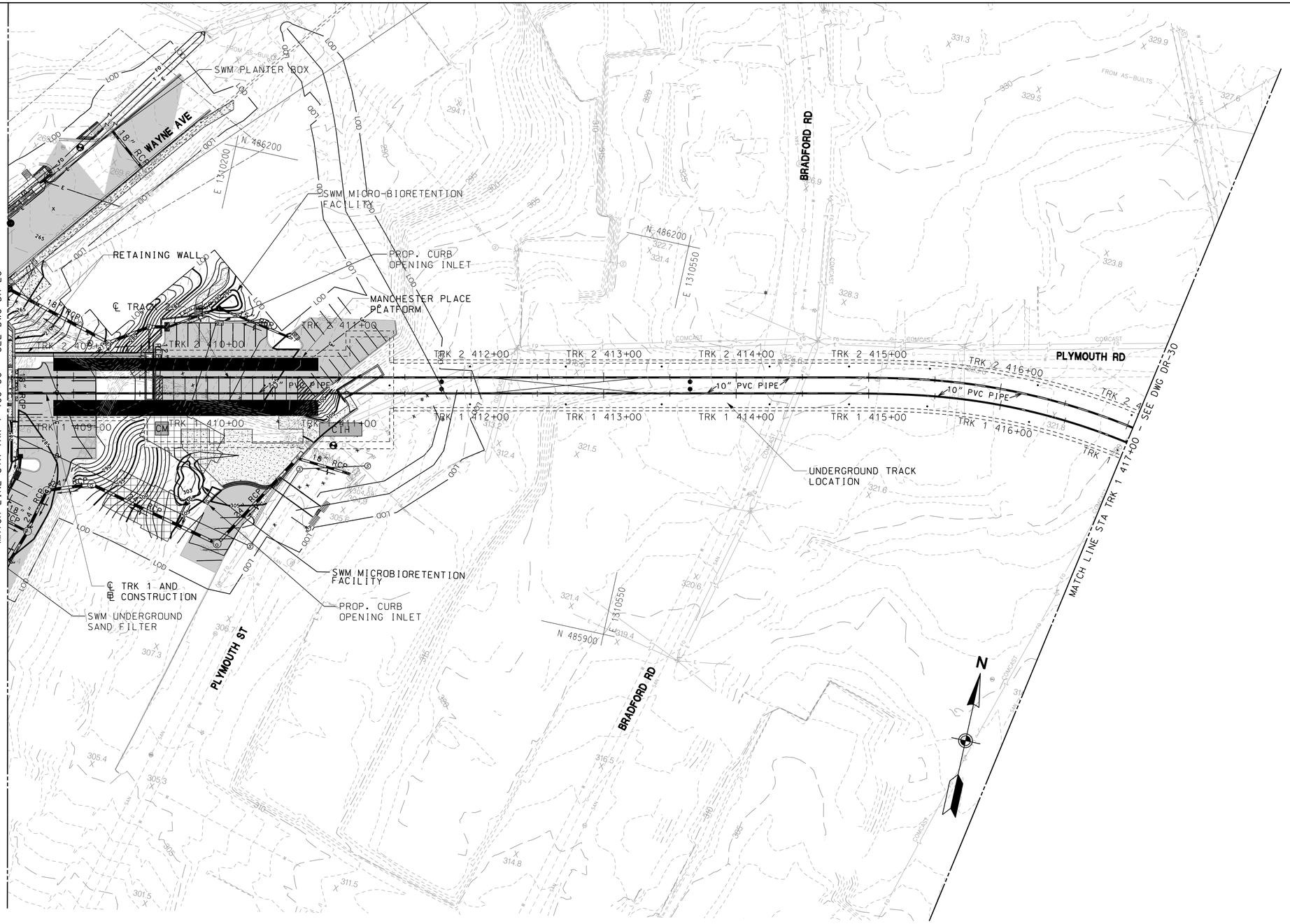
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. DR-28

SHEET NO. 127 OF 189

c:\pwworking\mtapw\wmo-joseph.grant\dms97656\1042pDR3102.dgn
Wednesday, December 11, 2013 AT 04:37 PM



40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming
WR&A

WALLACE MONTGOMERY

PROFESSIONAL CERTIFICATION
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland
License No. Expiration Date

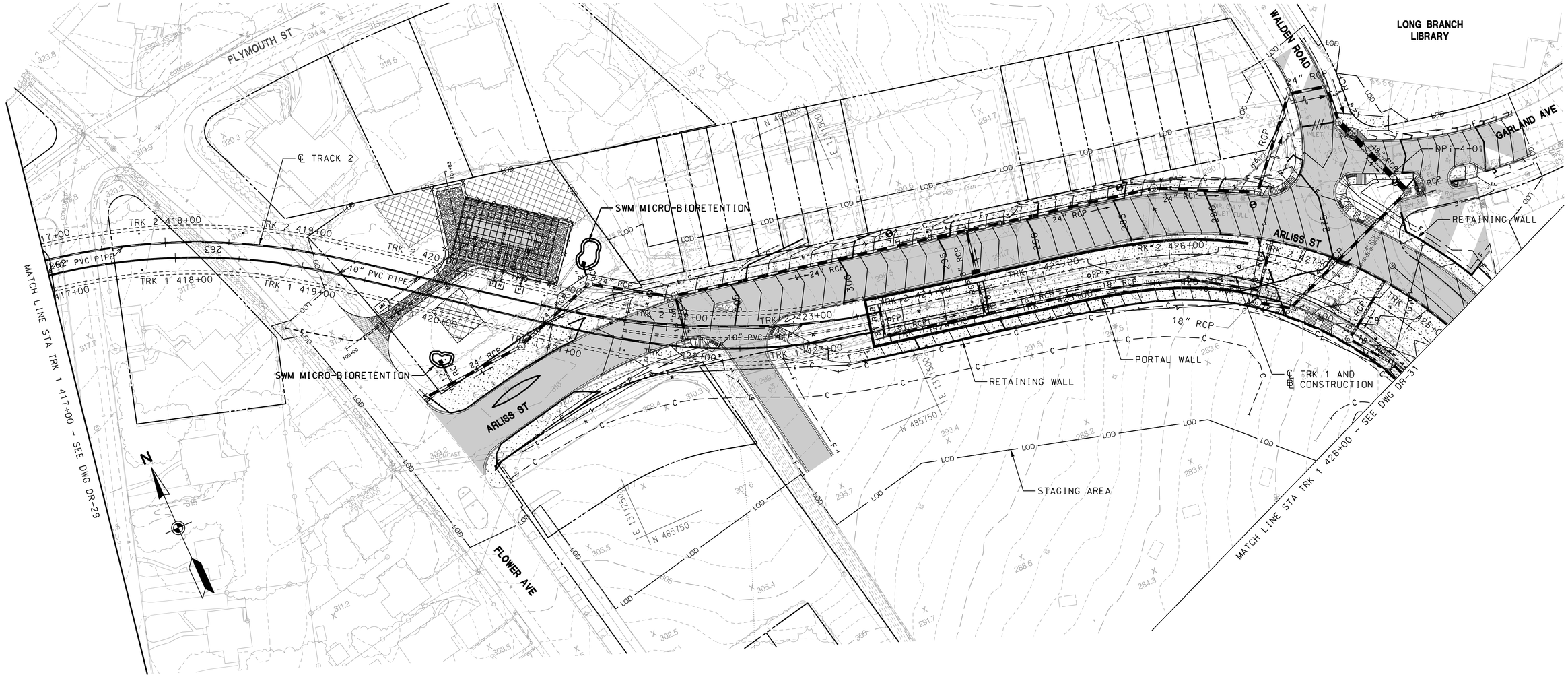
DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	JSR
DRAWN	JRG
CHECK	CVM
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL
SWM & DRAINAGE PLAN
STA TRK 1 408+50 TO STA TRK 1 417+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220
DRAWING NO. DR–29
SHEET NO. 128 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\130 GEC CADD Files\Zone 04\Drainage\WMA\Sheet Files\1042pDR4101.dgn
Tuesday, December 17, 2013 AT 12:42 PM



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

WALLACE MONTGOMERY

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	JSR
DRAWN	JRG
CHECK	CVM
APPR	

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN

STA TRK 1 417+00 TO STA TRK 1 428+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. DR-30

SHEET NO. 129 OF 189

pw:\\00 - Current Projects\1042 - Purple Line Light Rail\130 GEC CADD Files\Zone 04\Drainage\WMA\Sheet Files\1042pDR4103.dgn
Friday, December 20, 2013 AT 08:45 AM

MATCH LINE STA THIS SHEET

MATCH LINE STA TRK 1 428+00 - SEE DWG DR-30

MATCH LINE STA TRK 1 436+00 - SEE DWG DR-32

MATCH LINE THIS SHEET

ARLISS ST

PINEY BRANCH RD

LONG BRANCH PLATFORM

℄ TRK 1 AND CONSTRUCTION

℄ TRACK 2

PROP. RETAINING WALL

RETAINING WALL

SWM UNDERGROUND SAND FILTER

SWM-B1

15" RCP

18" RCP

24" RCP

LOD

TRK 2 429+00

TRK 2 430+00

TRK 2 431+00

TRK 2 432+00

TRK 2 433+00

TRK 2 434+00

TRK 2 435+00

TRK 1 429+00

TRK 1 430+00

TRK 1 431+00

TRK 1 432+00

TRK 1 434+00

N 485500

N 485250

E 1312100

E 1311750

40' 0 40' 80'

SCALE: 1"=40'

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

WALLACE MONTGOMERY

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	JSR
DRAWN	JRG
CHECK	CVM
APPR	

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN

STA TRK 1 428+00 TO STA TRK 1 436+00

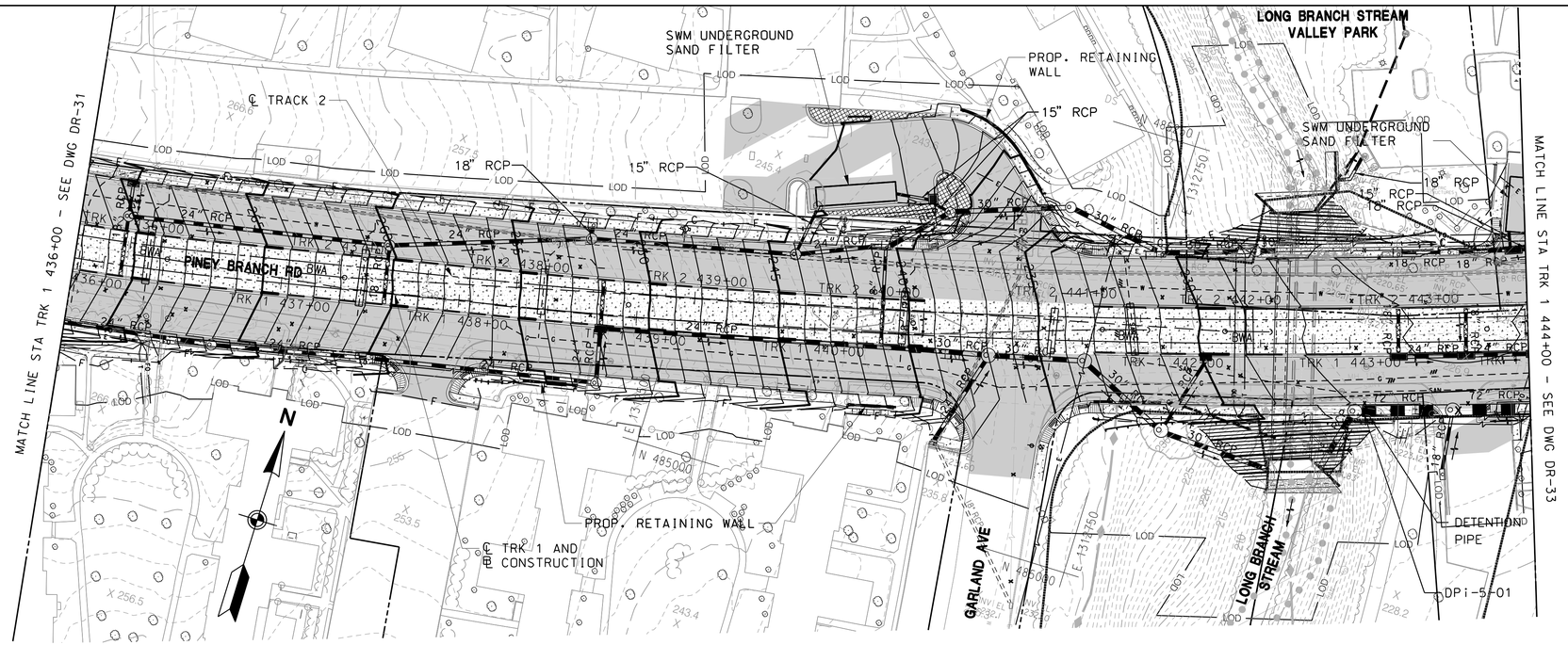
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. DR-31

SHEET NO. 130 OF 189

c:\pwworking\mtapw\wmo-joseph.grant\dms97721\1042pDR5101.dgn
Wednesday, December 11, 2013 AT 04:41 PM



40' 0 40' 80'
SCALE: 1"=40'

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION

MTA Maryland

Gannett Fleming

WR&A

WALLACE MONTGOMERY

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	JSR
DRAWN	JRG
CHECK	CVM
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN
STA TRK 1 436+00 TO STA TRK 1 444+00

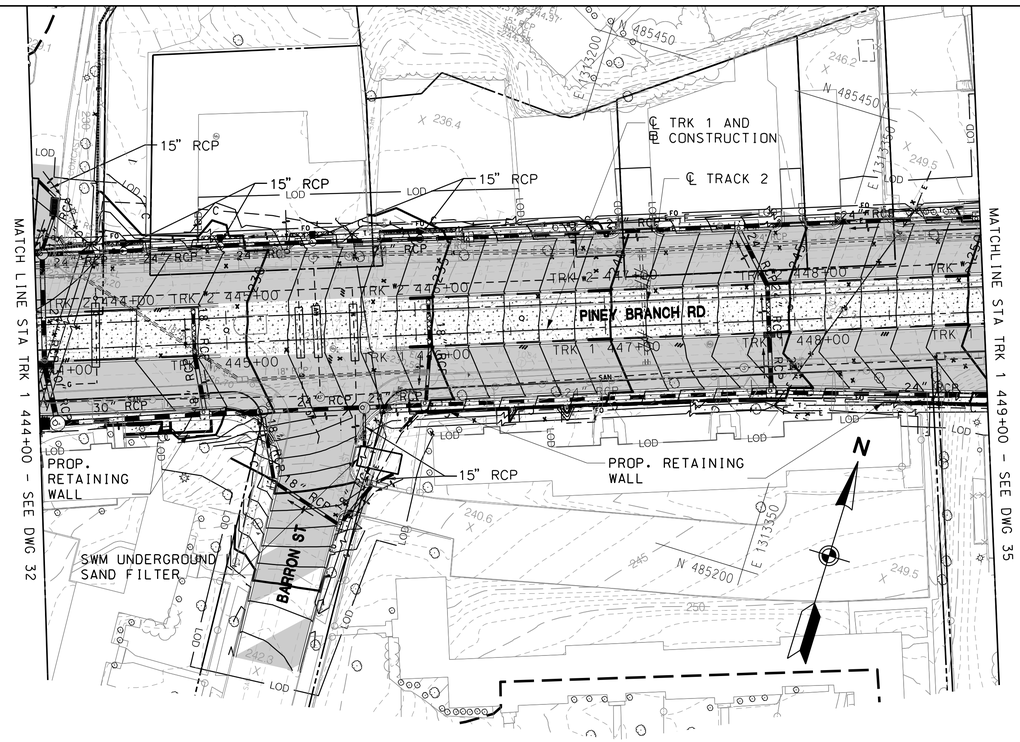
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. DR-32

SHEET NO. 131 OF 189

c:\pwworking\mtapw\wma-joseph grant\dms97721\1042pDR5101.dgn
Wednesday, December 11, 2013 AT 04:41 PM



40′ 0 40′ 80′

SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

WALLACE MONTGOMERY

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	JSR
DRAWN	JRG
CHECK	CVM
APPR	

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN

STA TRK 1 444+00 TO STA TRK 1 449+00

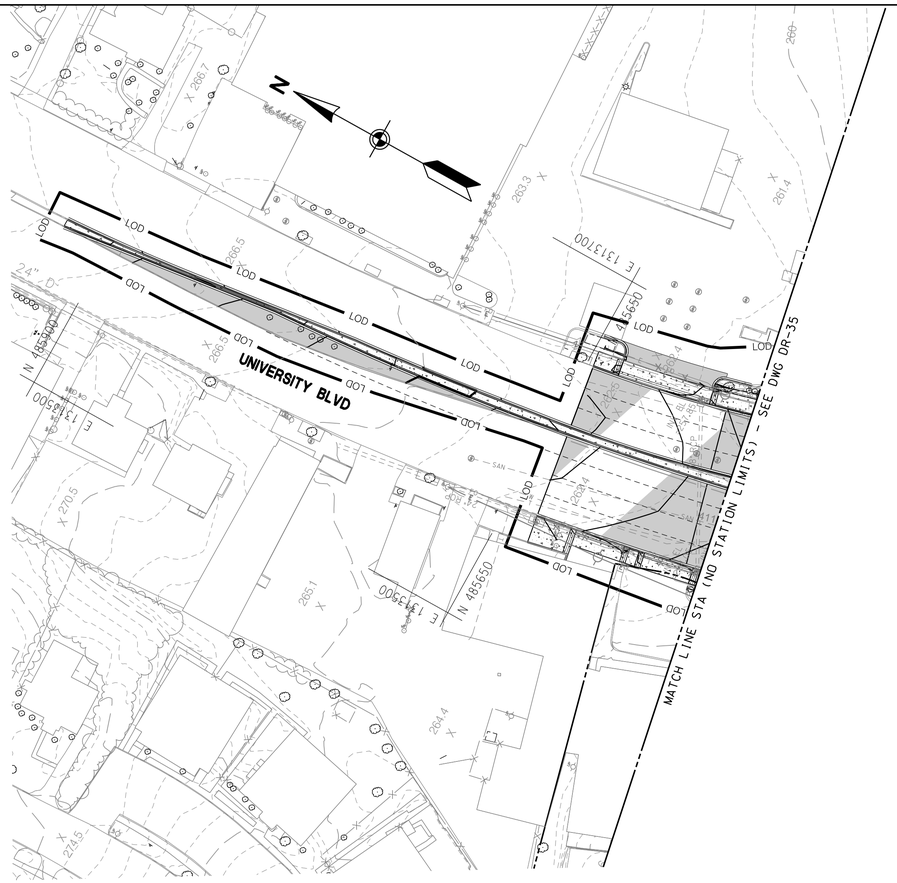
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. DR-33

SHEET NO. 132 OF 189

c:\pwworking\mtapw\wma-joseph grant\dms9772\1042pDRS101.dgn
Wednesday, December 11, 2013 AT 04:41 PM



NOTE: NO STORMDRAINS SHOWN
FOR INFORMATIONAL PURPOSES ONLY

40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

WALLACE MONTGOMERY

PROFESSIONAL CERTIFICATION
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland
License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

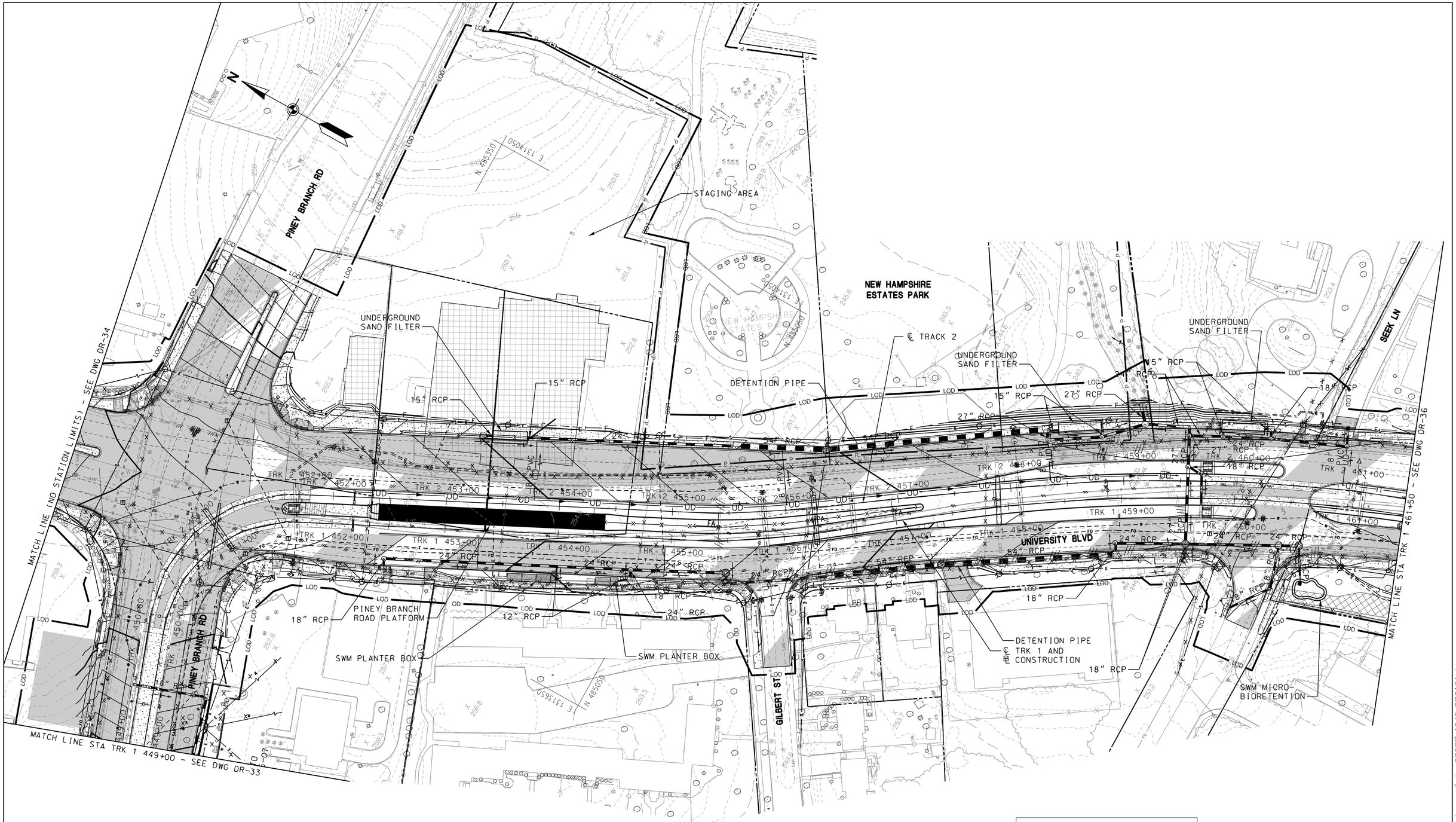
DESIGN JSR
DRAWN JRG
CHECK CVM
APPR

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN – MD 193 (UNIV. BLVD)
STA 6111+70 to STA 6116+00
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220
DRAWING NO. DR–34
SHEET NO. 133 OF 189

c:\pwworking\mtapw\wmo-joseph grant\dms97678\1042pDR6101.dgn
Thursday, December 12, 2013 AT 11:57 AM



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

WALLACE MONTGOMERY

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	JSR
DRAWN	JRG
CHECK	CVM
APPR	

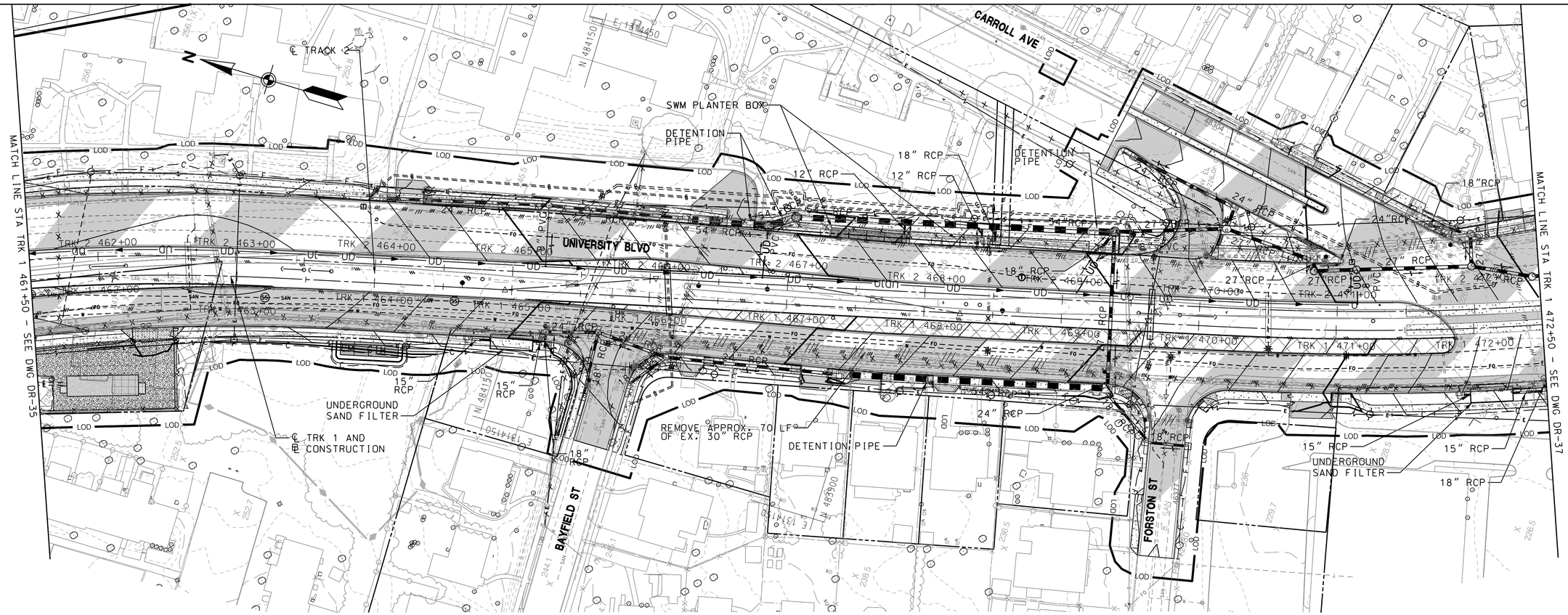
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN
STA TRK 1 449+00 TO STA TRK 1 461+00

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. DR-35
SHEET NO. 134 OF 189

c:\pwworking\mtapw\wma-joseph.grant\dms97678\1042pDR6101.dgn
Thursday, December 12, 2013 AT 1:58 AM



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

WALLACE MONTGOMERY

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	JSR
DRAWN	JRG
CHECK	CVM
APPR	

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN

STA TRK 1 461+00 TO STA TRK 1 472+50

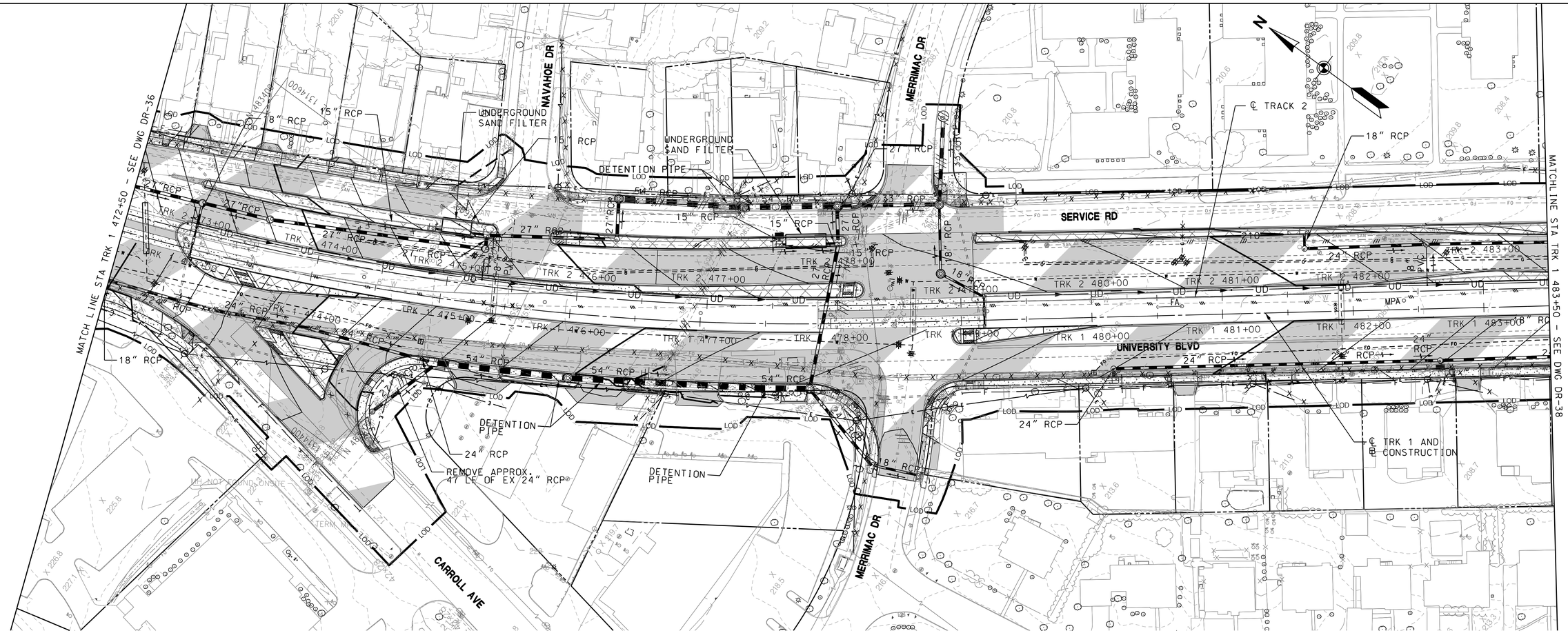
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. DR-36

SHEET NO. 135 OF 189

c:\pwworking\mtapw\wmo-joseph grant\dms97678\1042pDR6101.dgn
Thursday, December 12, 2013 AT 11:58 AM



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

WALLACE MONTGOMERY

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESIGN	JSR
DRAWN	JRG
CHECK	CVM
APPR	

PRELIMINARY ENGINEERING

PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN

STA TRK 1 472+50 TO STA TRK 1 483+50

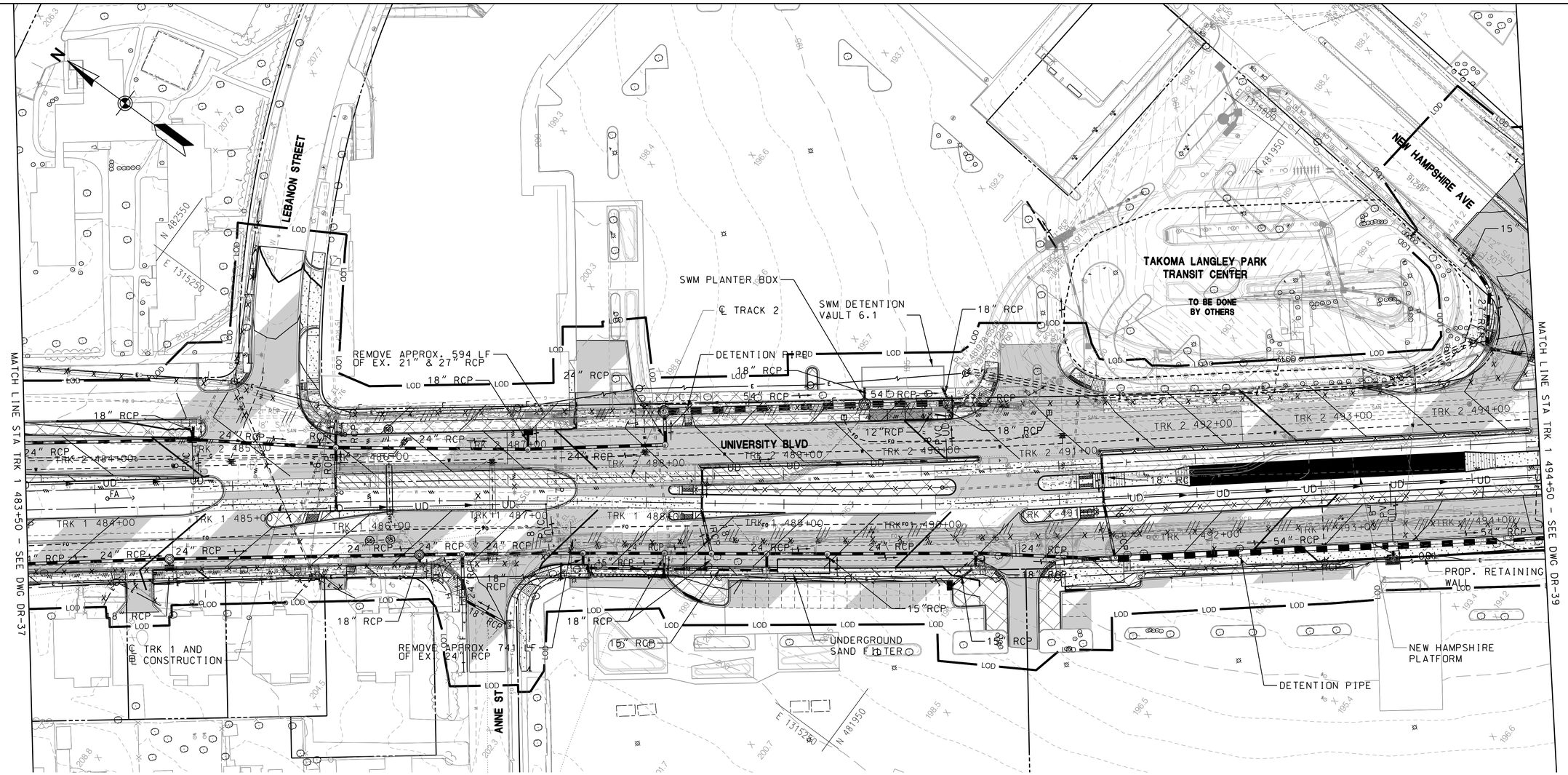
DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220

DRAWING NO. DR-37

SHEET NO. 136 OF 189

c:\pwworking\mtapw\wma-joseph grant\dms97678\1042pDR6101.dgn
Thursday, December 12, 2013 AT 1:59 AM



40′ 0 40′ 80′
SCALE: 1"=40′

MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
MTA Maryland

Gannett Fleming
WR&A

WALLACE MONTGOMERY

PROFESSIONAL CERTIFICATION
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland
License No. Expiration Date

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	JSR
DRAWN	JRG
CHECK	CVM
APPR	

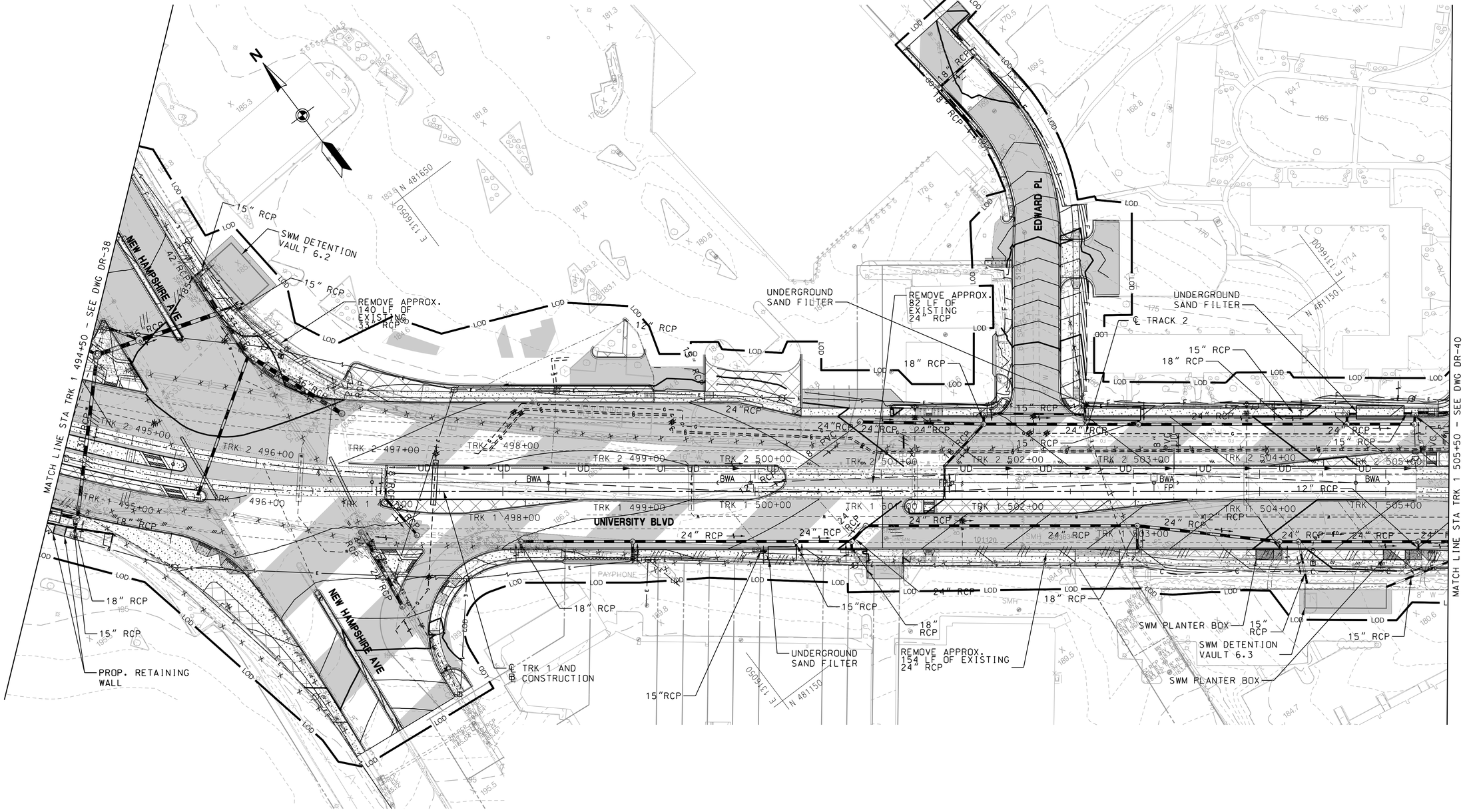
PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN
STA TRK 1 483+50 TO STA TRK 1 494+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T-1042-0220
DRAWING NO. DR-38
SHEET NO. 137 OF 189

c:\pwworking\mtapw\mrna-joseph grant\dms97678\1042pDR6101.dgn
Thursday, December 12, 2013 AT 12:00 PM



MARYLAND DEPARTMENT OF TRANSPORTATION

MARYLAND TRANSIT ADMINISTRATION — MTA Maryland

Gannett Fleming — WR&A

WALLACE MONTGOMERY

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland

License No. _____ Expiration Date _____

DRAFT: Information shown is based on 30 percent preliminary engineering plans and may be subject to further revision pending refinements to the plans during the completion of the design phase. Any reliance upon any of these plans is made with full understanding of its draft status.

DESGN	JSR
DRAWN	JRG
CHECK	CVM
APPR	

PRELIMINARY ENGINEERING
PURPLE LINE LIGHT RAIL

SWM & DRAINAGE PLAN
STA TRK 1 494+50 TO STA TRK 1 505+50

DATE: DECEMBER 2013 SCALE: AS SHOWN

CONTRACT NO. T–1042–0220
DRAWING NO. DR–39
SHEET NO. 138 OF 189

c:\pwworking\mtapw\wmo-joseph grant\dms97678\1042pDR6106.dgn
Tuesday, December 17, 2013 AT 04:49 PM