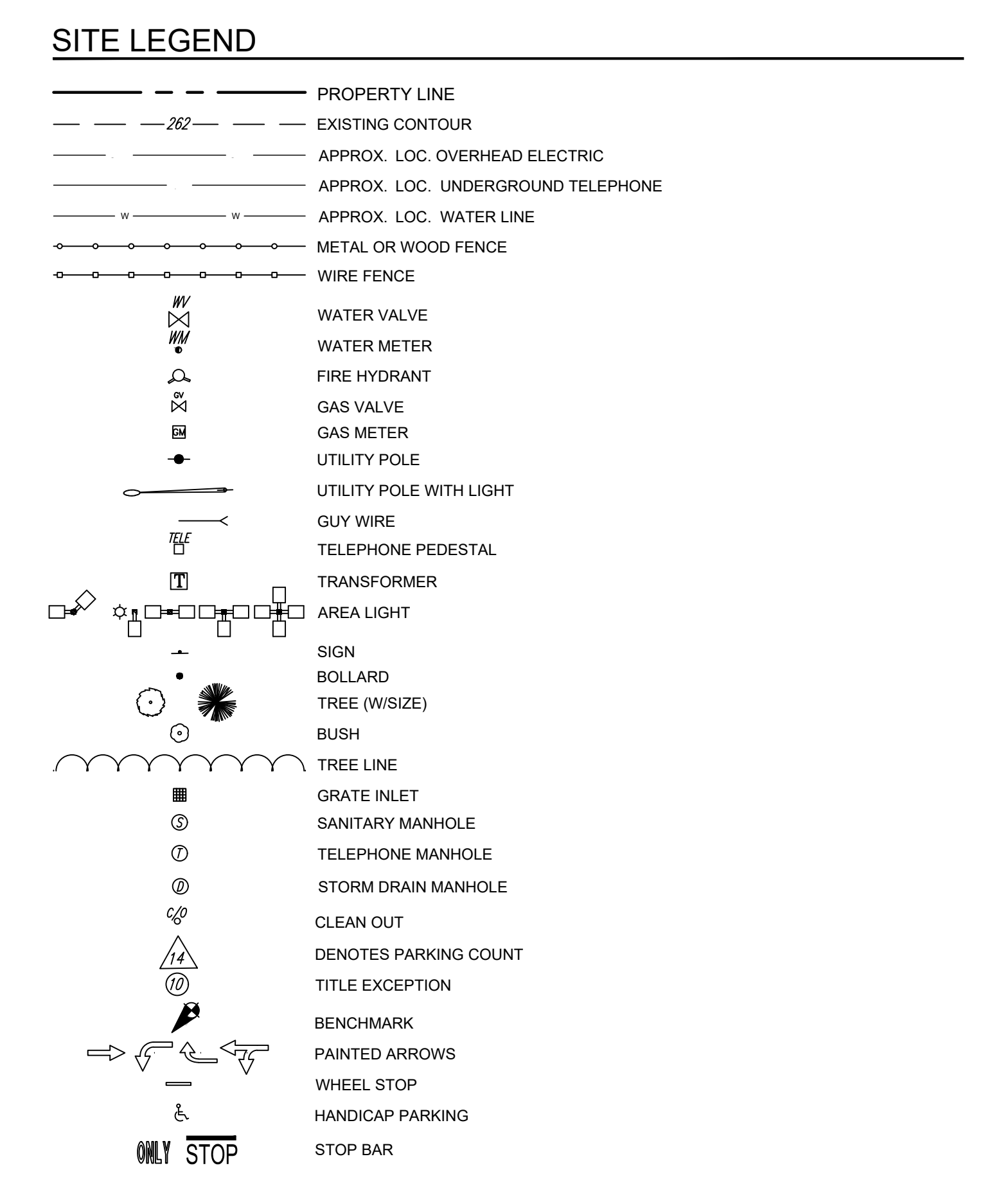
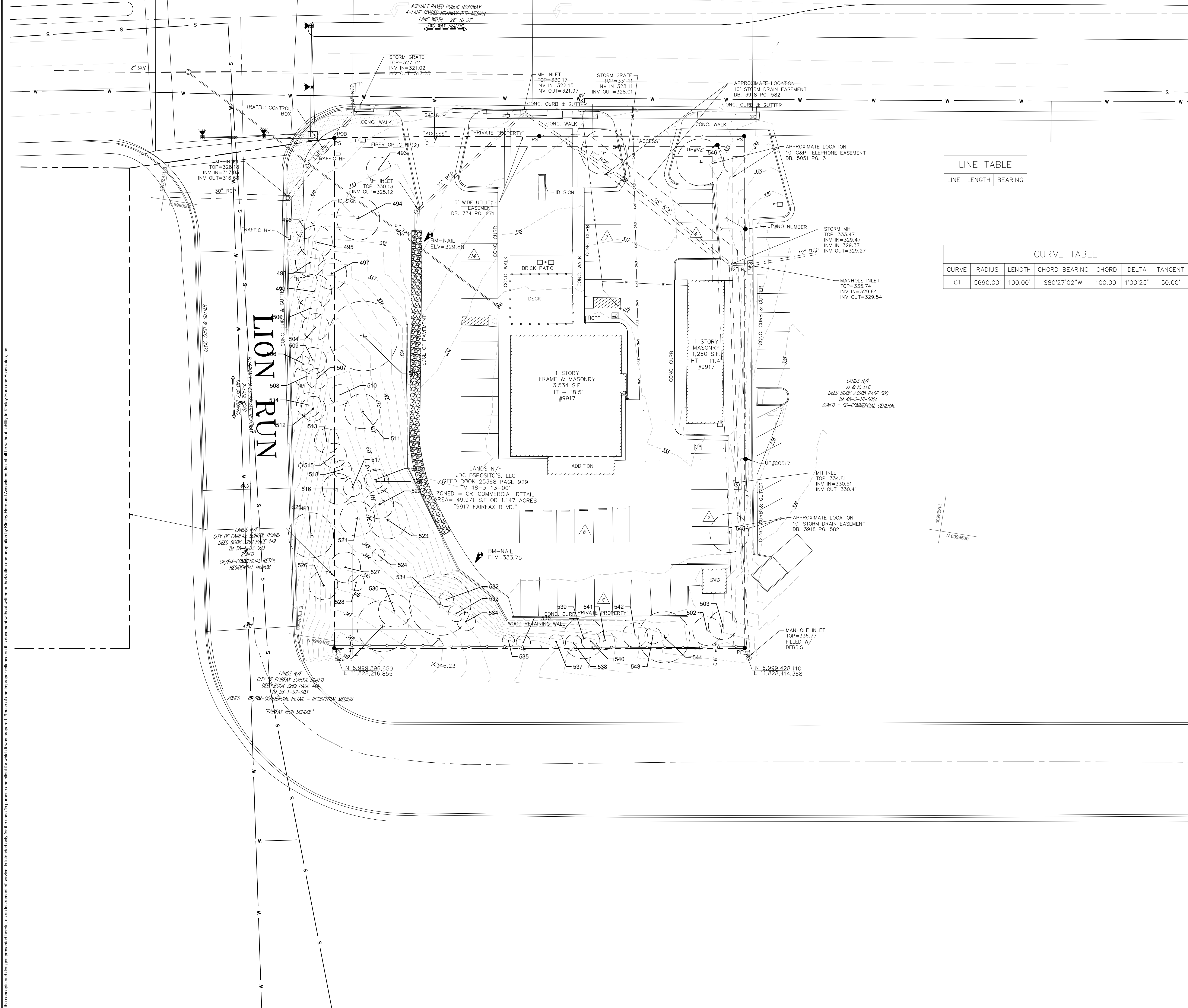


FAIRFAX BOULEVARD — U.S. RTE. 50

VARIABLE WIDTH RIGHT-OF-WAY

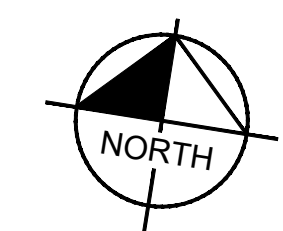
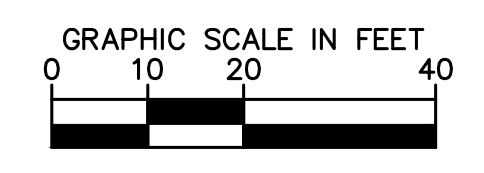


LINE TABLE

LINE	LENGTH	BEARING
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CURVE TABLE

CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA	TANGENT
C1	5690.00'	100.00'	S80°27'02"W	100.00'	1°00'25"	50.00'

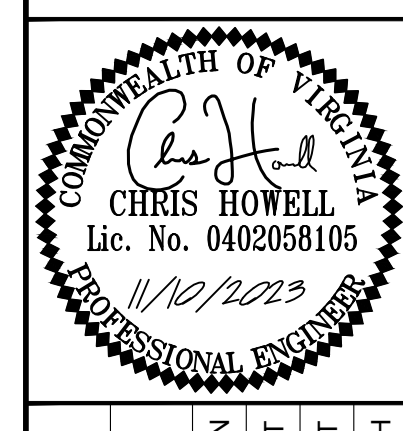


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NO.	REVISIONS	DATE	BY

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KHA PROJECT	110790001
DATE	11/10/2023
SCALE	AS SHOWN
DESIGNED BY	CGT
DRAWN BY	CGT
CHECKED BY	CMH

EXISTING CONDITIONS PLAN

TOMMY'S CAR WASH
 9917 FAIRFAX BLVD
 PREPARED FOR
 OLYMPUS PINES

VIRGINIA
 CITY OF FAIRFAX

FAIRFAX BOULEVARD – U.S. RTE. 50

VARIABLE WIDTH RIGHT-OF-WAY

ASPHALT PAVED PUBLIC ROADWAY
4-LANE DIVIDED HIGHWAY WITH MEDIAN
LANE WIDTH - 26' TO 37'
100' WIDE TRACT



Existing Tree Condition Inventory & Analysis									
Tree No.	DBH	CTLA Rating	To Be Removed?	Located within Property	Botanical Name	Common Name	Existing Canopy Coverage on Property	Tree Preservation Area	Notes
493	12"	94%	x	✓	<i>Tilia cordata</i>	Little Leaf Linden	452 SF		
494	21"	91%		✓	<i>Tilia cordata</i>	Little Leaf Linden	1,385 SF	1,385 SF	
495	16"	91%			<i>Pinus virginiana</i>	Virginia Pine			
496	9"	97%			<i>Acer palmatum</i>	Japanese Maple			
497	15"	75%			<i>Quercus rubra</i>	Northern Red Oak			
498	14"	72%			<i>Quercus rubra</i>	Northern Red Oak			
499	17"	81%			<i>Quercus rubra</i>	Northern Red Oak			
500	11"	84%			<i>Quercus rubra</i>	Northern Red Oak			
502	14"	88%		✓	<i>Celtis occidentalis</i>	Hackberry	615 SF	615 SF	
503	14"	94%		✓	<i>Ulmus rubra</i>	Slippery Elm	615 SF	615 SF	
504	13"	84%			<i>Quercus rubra</i>	Northern Red Oak			
505	34"	84%	x	✓	<i>Liriodendron tulipifera</i>	Tulip Poplar			
506		88%			<i>Gleditsia triacanthos</i>	Honey Locust			
507	10"	91%			<i>Pinus virginiana</i>	Virginia Pine			
508	12"	84%			<i>Gleditsia triacanthos</i>	Honey Locust			
509	13"	88%			<i>Pinus virginiana</i>	Virginia Pine			
510	10"	78%		✓	<i>Acer rubrum</i>	Red Maple	314 SF	314 SF	
511	17"	94%	x	✓	<i>Liriodendron tulipifera</i>	Tulip Poplar	907 SF		
512	12"	84%			<i>Pinus virginiana</i>	Virginia Pine			
513	12"	75%			<i>Gleditsia triacanthos</i>	Honey Locust			
514	12"	84%			<i>Pinus virginiana</i>	Virginia Pine			
515	12"	81%		✓	<i>Gleditsia triacanthos</i>	Honey Locust	452 SF	452 SF	
516	15"	88%		✓	<i>Gleditsia triacanthos</i>	Honey Locust	707 SF	707 SF	
517	9"	63%		✓	<i>Gleditsia triacanthos</i>	Honey Locust	254 SF	254 SF	
518	9"	72%		✓	<i>Gleditsia triacanthos</i>	Honey Locust	254 SF	254 SF	
519	9"	69%	x	✓	<i>Gleditsia triacanthos</i>	Honey Locust	254 SF		
520	12"	88%	x	✓	<i>Liriodendron tulipifera</i>	Tulip Poplar	452 SF		
521	17"	88%	x	✓	<i>Liriodendron tulipifera</i>	Tulip Poplar	907 SF		
522	14"	88%	x	✓	<i>Gleditsia triacanthos</i>	Honey Locust	615 SF		
523	19"	94%	x	✓	<i>Liriodendron tulipifera</i>	Tulip Poplar	1,134 SF		
524	6"	97%	x	✓	<i>Fagus grandiflora</i>	American Beech	113 SF		
525	22"	72%			<i>Gleditsia triacanthos</i>	Honey Locust			
526	14"	81%			<i>Gleditsia triacanthos</i>	Honey Locust			
527	15"	78%		✓	<i>Liriodendron tulipifera</i>	Tulip Poplar	732 SF	732 SF	
528	8"	91%		✓	<i>Fagus grandiflora</i>	American Beech	201 SF	201 SF	
529	25"	94%	x	✓	<i>Fagus grandiflora</i>	American Beech	1,963 SF		
530	16"	97%	x	✓	<i>Fagus grandiflora</i>	American Beech	804 SF		
531	30"	91%	x	✓	<i>Fagus grandiflora</i>	American Beech	2,826 SF		
532	7"	88%	x	✓	<i>Tsuga canadensis</i>	Eastern Hemlock	-	-	
533	8"	91%	x	✓	<i>Tsuga canadensis</i>	Eastern Hemlock	-	-	
534	9"	88%	x	✓	<i>Tsuga canadensis</i>	Eastern Hemlock	-	-	
535	6"	78%		✓	<i>Tsuga canadensis</i>	Eastern Hemlock	-	-	Hemlock Woolly Adelgid
536	7"	78%		✓	<i>Tsuga canadensis</i>	Eastern Hemlock	-	-	Hemlock Woolly Adelgid
537	7"	78%		✓	<i>Tsuga canadensis</i>	Eastern Hemlock	-	-	Hemlock Woolly Adelgid
538	8"	78%		✓	<i>Tsuga canadensis</i>	Eastern Hemlock	-	-	Hemlock Woolly Adelgid
539	20"	94%		✓	<i>Liriodendron tulipifera</i>	Tulip Poplar	1,256 SF	1,256 SF	
540	9"	94%		✓	<i>Tsuga canadensis</i>	Eastern Hemlock	-	-	Hemlock Woolly Adelgid
541	9"	91%		✓	<i>Tsuga canadensis</i>	Eastern Hemlock	-	-	Hemlock Woolly Adelgid
542	12"	91%		✓	<i>Tsuga canadensis</i>	Eastern Hemlock	-	-	Hemlock Woolly Adelgid
543	8"	91%		✓	<i>Tsuga canadensis</i>	Eastern Hemlock	-	-	Hemlock Woolly Adelgid
544	25"	88%		✓	<i>Carya alba</i>	Mockernut Hickory	1,963 SF	1,963 SF	
545	19"	84%	x	✓	<i>Morus rubra</i>	Red Mulberry	1,134 SF		
546	23"	94%		✓	<i>Tilia cordata</i>	Little Leaf Linden	1,661 SF	1,661 SF	
547	22"	94%	x	✓	<i>Tilia cordata</i>	Little Leaf Linden	1,520 SF		

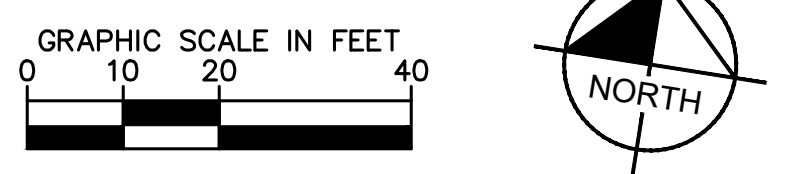
Total Existing Canopy Coverage on Property: 21,971 SF
Tree preservation provided onsite: 10,409 SF

- Note:
- Per the USDA Forest Service's Forest Inventory and Analysis program manual, the overall DBH for multi-stem trees shall be the square root of the sum of all individual stems DBH's squared
 - The Tree Survey for this site was conducted by Landscape Architect & Arborist W. Davis Walker, PLA, ISA-CA (MA-6373A) on April 26, 2023.

LEGEND

EXISTING TREE REFER TO TABLE

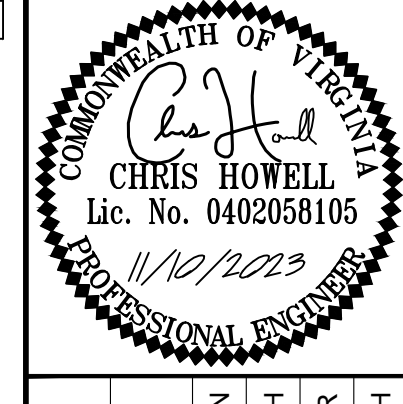
EXISTING TREE TO BE REMOVED



NO.	REVISIONS	DATE

Kimley»Horn

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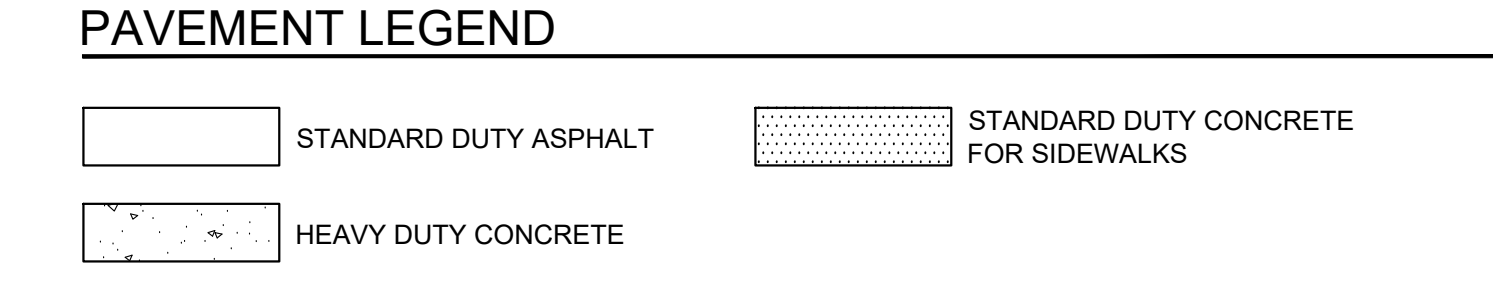
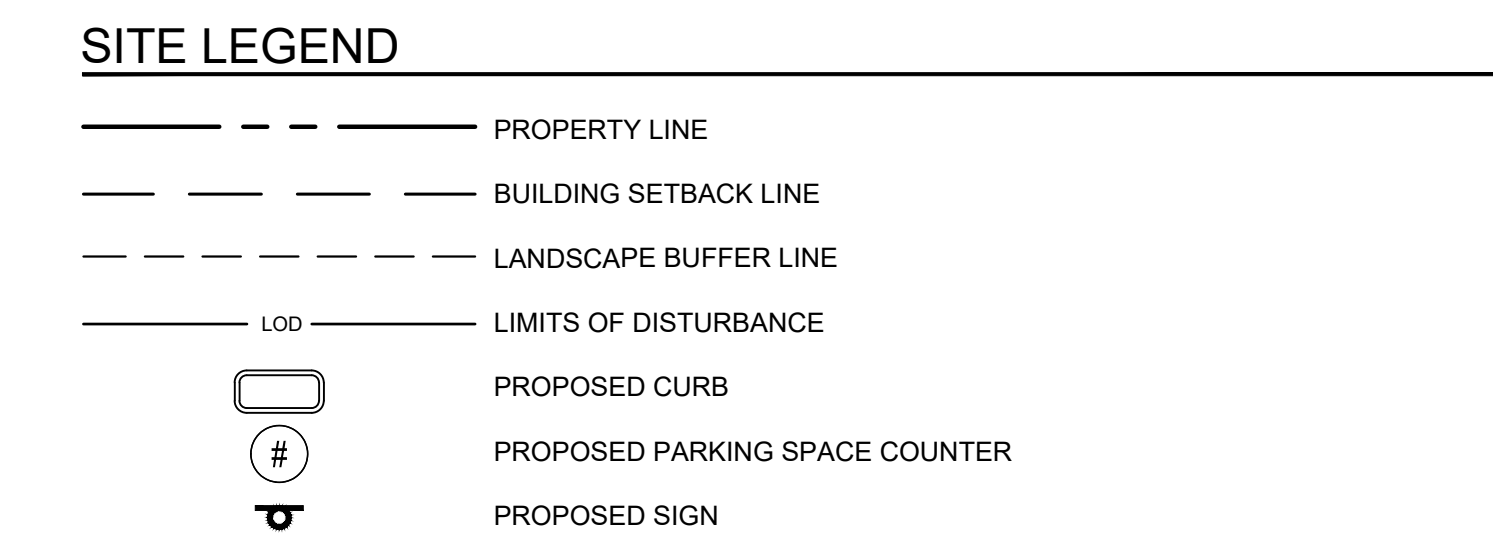
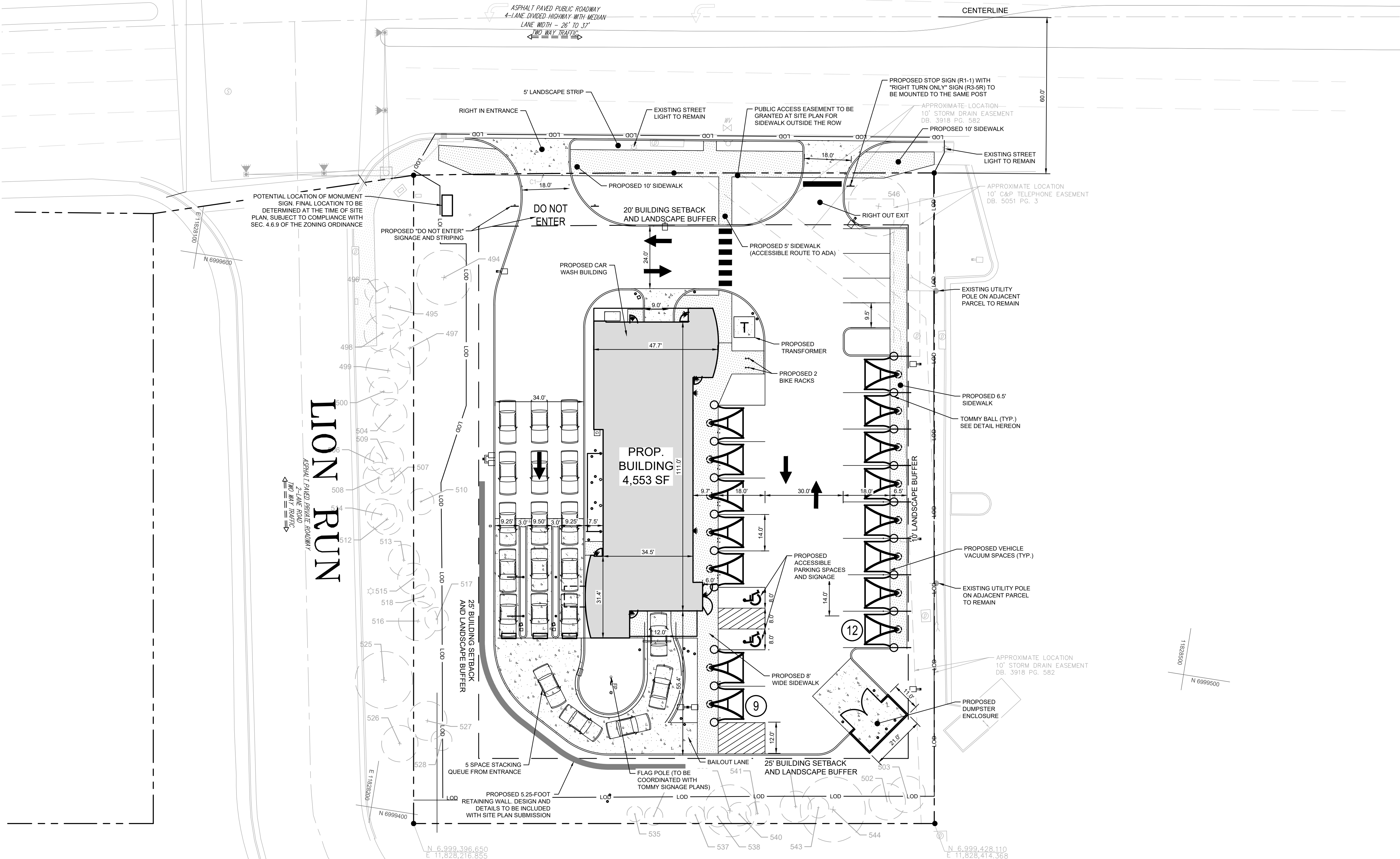
KHA PROJECT	110730001
DATE	11/10/2023
SCALE	AS SHOWN
DESIGNED BY	CMH
DRAWN BY	EPR
CHECKED BY	CMH

TREE SURVEY

TOMMY'S CAR WASH
9917 FAIRFAX BLVD
PREPARED FOR
OLYMPUS PINES

FAIRFAX BOULEVARD – U.S. RTE. 50

VARIABLE WIDTH RIGHT-OF-WAY



ZONING TABULATIONS

TAX MAP NUMBER:	48-3-13-001
PROPERTY AREA:	±1.15 ACRES
EXISTING ZONING:	CR (COMMERCIAL RETAIL)
PROPOSED ZONING:	CR (COMMERCIAL RETAIL) WITH SUP (SPECIAL USE PERMIT)
EXISTING USE:	RESTAURANT/RETAIL
PROPOSED USE:	CAR WASH
COMP PLAN LAND USE:	CC (COMMERCIAL CORRIDOR)
BUILDING AREA:	4,553 SF
PARKING REQUIRED:	1 SPACE PER EMPLOYEE = 5 SPACES
PARKING PROPOSED:	21 SPACES WITH 2 ADA
LOADING REQUIRED:	NONE FOR BUILDINGS UNDER 10,000 SF
LOADING PROVIDED:	NONE
STACKING REQUIRED:	4 SPACES MEASURED FROM ENTRANCE TO WASH BAY
STACKING PROVIDED:	20 SPACES

ZONING COMPLIANCE

	REQUIRED	PROPOSED
BUILDING YARDS		
FRONT (FAIRFAX BLVD)	20 FT	52.1 FT
SIDE STREET (LION RUN)	25 FT	65.2 FT
SIDE INTERIOR (EAST)	10 FT	82.0 FT
SIDE INTERIOR (SOUTH)	25 FT	69.7 FT
LANDSCAPE BUFFERS		
RIGHT-OF-WAY (FAIRFAX BLVD)	20 FT	25 FT
RIGHT-OF-WAY (LION RUN, WEST)	25 FT	25 FT
RIGHT-OF-WAY (LION RUN, SOUTH)	25 FT	25 FT
COMMERCIAL (EAST)	0 FT	10 FT
BULK REQUIREMENTS		
MINIMUM LOT AREA	20,000 SF	49,971
MAXIMUM BUILDING COVERAGE	60%	9.1% (4,553 / 49,971)
MAXIMUM LOT COVERAGE	85%	60.0% (29,770 / 49,971)
MAXIMUM BUILDING HEIGHT	60 FT	26.8 FT

STORMWATER NARRATIVE

IN THE EXISTING CONDITION, THE PROPERTY IS PREDOMINANTLY IMPERVIOUS WITH APPROXIMATELY 28,075 SF OF THE 49,971 SF PROPERTY COVERED BY PAVEMENT OR BUILDINGS (56.2%). GENERALLY THE PROPERTY SLOPES SOUTH TO NORTH OF THE SITE AS LARGE PORTIONS OF THE PARKING LOT SHEET FLOW INTO FAIRFAX BOULEVARD. ULTIMATELY ALL RUNOFF FROM THE PROPERTY IS COLLECTED IN STORM DRAIN INLETS AND CONVEYED WEST ALONG FAIRFAX BOULEVARD.

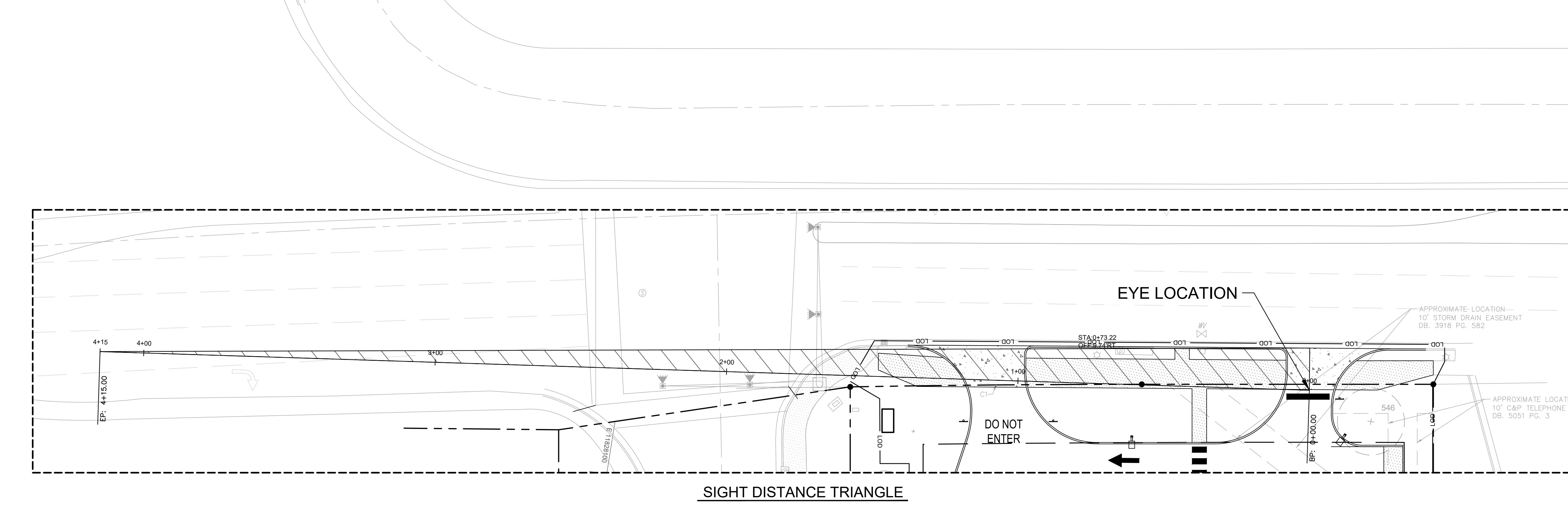
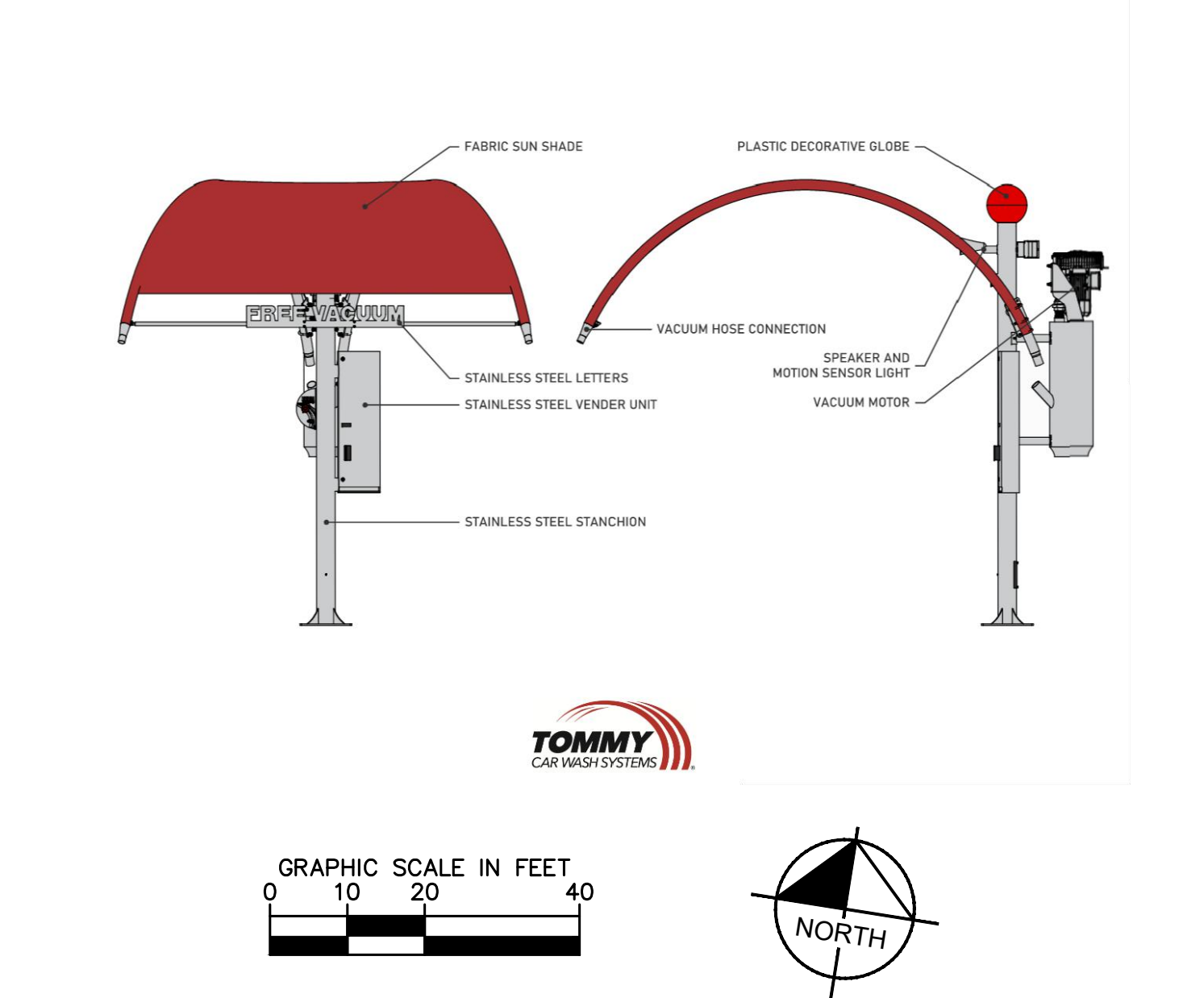
IN THE PROPOSED CONDITION, APPROXIMATELY 700 SF OF IMPERVIOUS COVER WILL BE ADDED, RESULTING IN A PROPOSED LOT COVERAGE OF 60.0%. SITE TOPOGRAPHY WILL REMAIN THE SAME AS THE SITE WILL CONTINUE TO SLOPE TOWARDS FAIRFAX BOULEVARD. A DRAINAGE NETWORK IS PROPOSED ON-SITE AND STORMWATER MANAGEMENT WILL BE PROVIDED VIA A PROPOSED UNDERGROUND DETENTION FACILITY.

THE PROPOSED DETENTION BASIN WITH ISOLATOR ROW IS DESIGNED TO MEET CHANNEL PROTECTION, FLOOD PROTECTION, AND WATER QUALITY REQUIREMENTS ESTABLISHED BY VIRGINIA DEQ.

NOTE

ALL PORTIONS OF EXISTING OR PROPOSED SIDEWALKS ON PRIVATE PROPERTY WILL BE SUBJECT TO A PUBLIC ACCESS EASEMENT.

TOMMY CAR WASH SYSTEMS - VACCUM ELEVATIONS



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NO.
DATE

REVISIONS
BY

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SPECIAL USE PERMIT PLAT

TOMMY'S CAR WASH
9917 FAIRFAX BLVD
PREPARED FOR
OLYMPUS PINES

VIRGINIA
CITY OF FAIRFAX

KVA PROJECT
110730001
DATE
11/10/2023
SCALE AS SHOWN
DESIGNED BY CMH
DRAWN BY EFR
CHECKED BY CMH

SHEET NUMBER
4

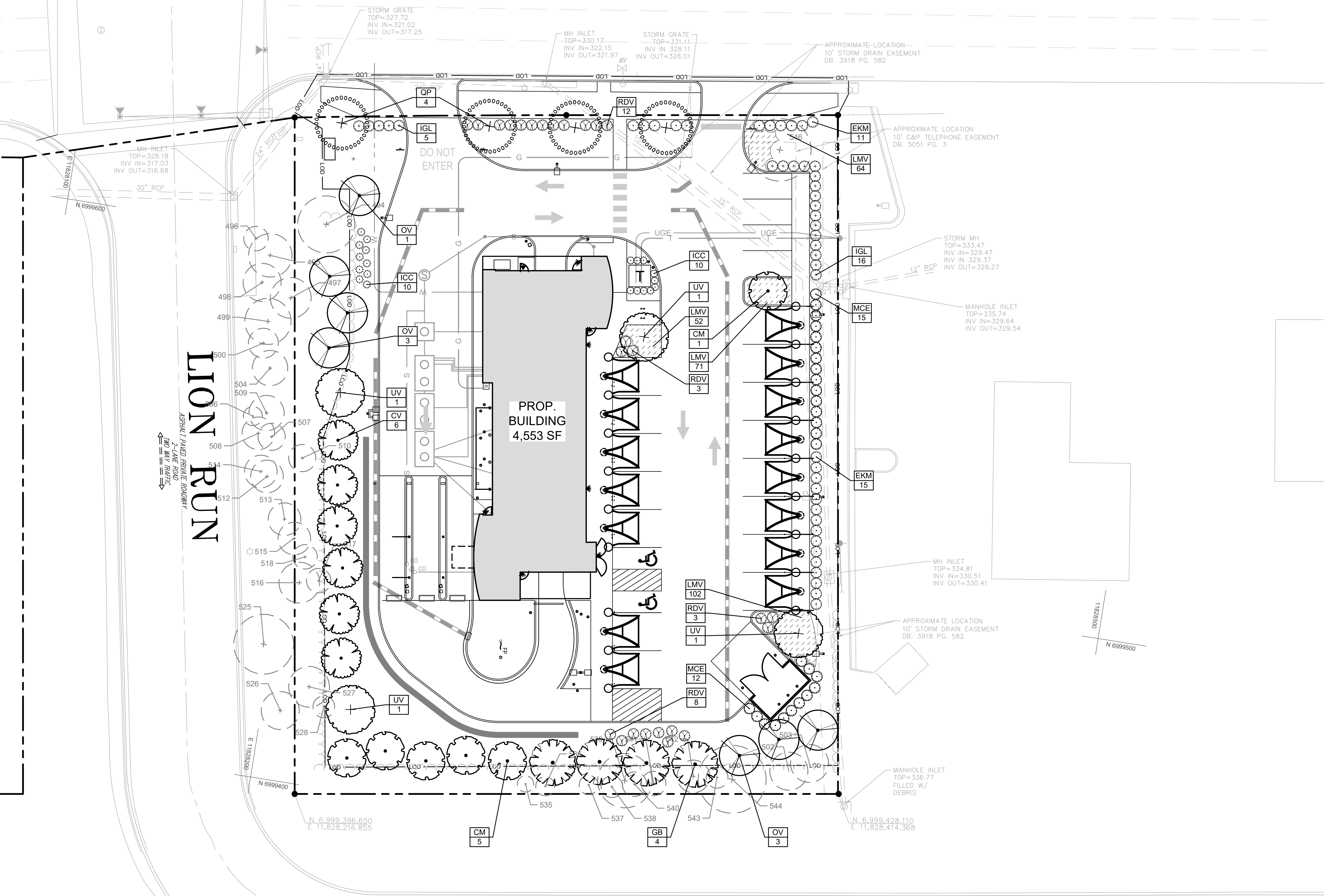
FAIRFAX BOULEVARD – U.S. RTE. 50

VARIABLE WIDTH RIGHT-OF-WAY

ASPHALT PAVED PUBLIC ROADWAY
4-LANE DIVIDED HIGHWAY WITH MEDIAN
LANE WIDTH = 26' TO 31'
SIDEWALK WIDTH = 6'

LION RUN

PROP. BUILDING
4,553 SF



LANDSCAPE SCHEDULE							
Qty.	Key	Botanical Name	Common Name	Size	Type	10 Yr. Canopy	
Canopy Tree							
4	GB	<i>Ginkgo biloba</i> 'Princeton Sentry'	Princeton Sentry Ginkgo	3.5' Cal.	B & B	75	300
4	OP	<i>Quercus phellos</i>	Willow Oak	3.5' Cal.	B & B	250	1,000
4	UV	<i>Ulmus americana</i> 'Valley Forge'	American Elm	3.5' Cal.	B & B	250	1,000
						Canopy Trees Subtotal:	2,000
Understory Trees							
6	CV	<i>Chionanthus virginicus</i>	White Fringetree	3.5' Cal.	B & B	125	750
6	CM	<i>Cornus mas</i>	Corneian Cherry Dogwood	3.5' Cal.	B & B	125	750
7	OV	<i>Ostrya virginiana</i>	Eastern Hophornbeam	3.5' Cal.	B & B	125	875
						Understory Trees Subtotal:	2,375
						Total (s.f.)	4,375
Shrubs							
26	EKM	<i>Euonymus kiautschovicus</i> 'Manhattan'	Manhattan Euonymus	30" Ht.	Cont.		
20	ICC	<i>Ilex crenata</i> 'Compacta'	Dwarf Japanese Holly	30" Ht.	Cont.		
21	IGL	<i>Ilex glabra</i>	Inkberry Holly	30" Ht.	Cont.		
27	MCE	<i>Moralea canera</i> 'Fairfax'	Fairfax Wax Myrtle	30" Ht.	Cont.		
26	RDV	<i>Rhododendron x Delaware Valley White</i>	Delaware Valley White Azalea	30" Ht.	Cont.		
Groundcover							
289	LMV	<i>Liriope muscari</i> 'Variegata'	Variegated Lily Turf	2 gal.	Cont.		

Note:
1. Any changes to the Landscape Schedule is subject to approval by the City of Fairfax's Urban Forester.

TREE CANOPY TABULATIONS	
Per Zoning Code 4.5.6.A	
Site Area	50,094 SF
Development District: Commercial Retail	
Tree Canopy Required (10% required)	5,009 SF
Tree Canopy Provided through Tree Preservation	10,409 SF
Tree Canopy Provided through Planting	4,375 SF
Total Canopy Provided	14,784 SF

TRANSITIONAL YARDS			
Per Zoning Code 4.5.5			
Proposed Development District: Commercial Retail			
Location	Adjacent Development District	Width	Transitional Yard Required
North Boundary	Commercial Retail		None
East Boundary	Commercial Retail		None
South Boundary	Residential Medium (RM)	15 LF	Transitional Yard 3
West Boundary	Residential Medium (RM)	15 LF	Transitional Yard 3

Buffer Tabulations			Per Zoning Code 4.5.5
South Boundary			Length = 189 LF
Buffer Type:	Transitional Yard 3		
Plant Material Type	Quantity Required	Quantity Provided	
Canopy Tree	(4/100 LF) = 8	4	
Existing Trees		4	
Understory Tree	(4/100 LF) = 8	8	
Shrubs	(4/100 LF) = 8	8	
West Boundary			Length = 240 LF
Buffer Type:	Transitional Yard 3		
Plant Material Type	Quantity Required	Quantity Provided	
Canopy Tree	(4/100 LF) = 10	2	
Existing Trees		8	
Understory Tree	(4/100 LF) = 10	10	
Shrubs	(4/100 LF) = 10	10	

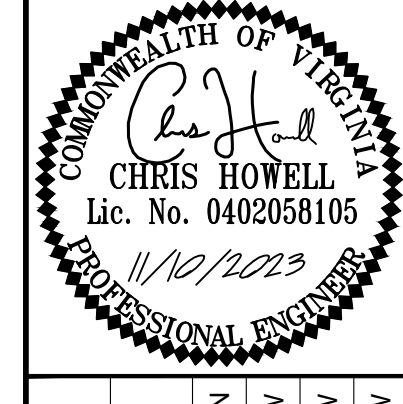
STREET TREES		
Per Zoning Code 4.5.6.B		
Number of Street Trees Required (1 per 40 LF)		
Fairfax Boulevard	150 LF	4
Lion Run	248 LF	7
Trees Provided		
Fairfax Boulevard	4 (Note 1)	
Lion Run	0 (Note 2)	

Note:
1. Street trees along Fairfax Boulevard are located behind the 10' shared use path to maintain safe sight triangles per Sec. 4.5.6.B.2.
2. Existing Trees along Lion Run to remain undisturbed, therefore Street trees are not provided.

INTERIOR PARKING LANDSCAPING	
Per Zoning Code 4.5.7.D	
Number of Parking Spaces Provided	21
Trees Required (1 per 10 parking spaces)	3
Proposed Trees Provided:	3
Existing Trees to Remain	1

Note:
1. All portions with frontage along a public right of way shall be screened with a continuous hedge, 30" min at time of planting per Zoning Code 4.5.7.C.1

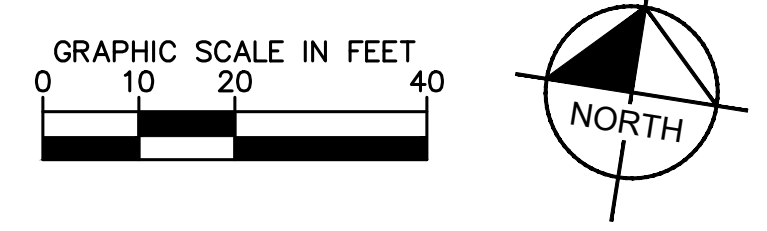
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KVA PROJECT	110790001
DATE	11/10/2023
SCALE	AS SHOWN
DESIGNED BY	WDW
DRAWN BY	WDW
CHECKED BY	WDW

CONCEPTUAL LANDSCAPE PLAN

TOMMY'S CAR WASH
9917 FAIRFAX BLVD
PREPARED FOR
OLYMPUS PINES



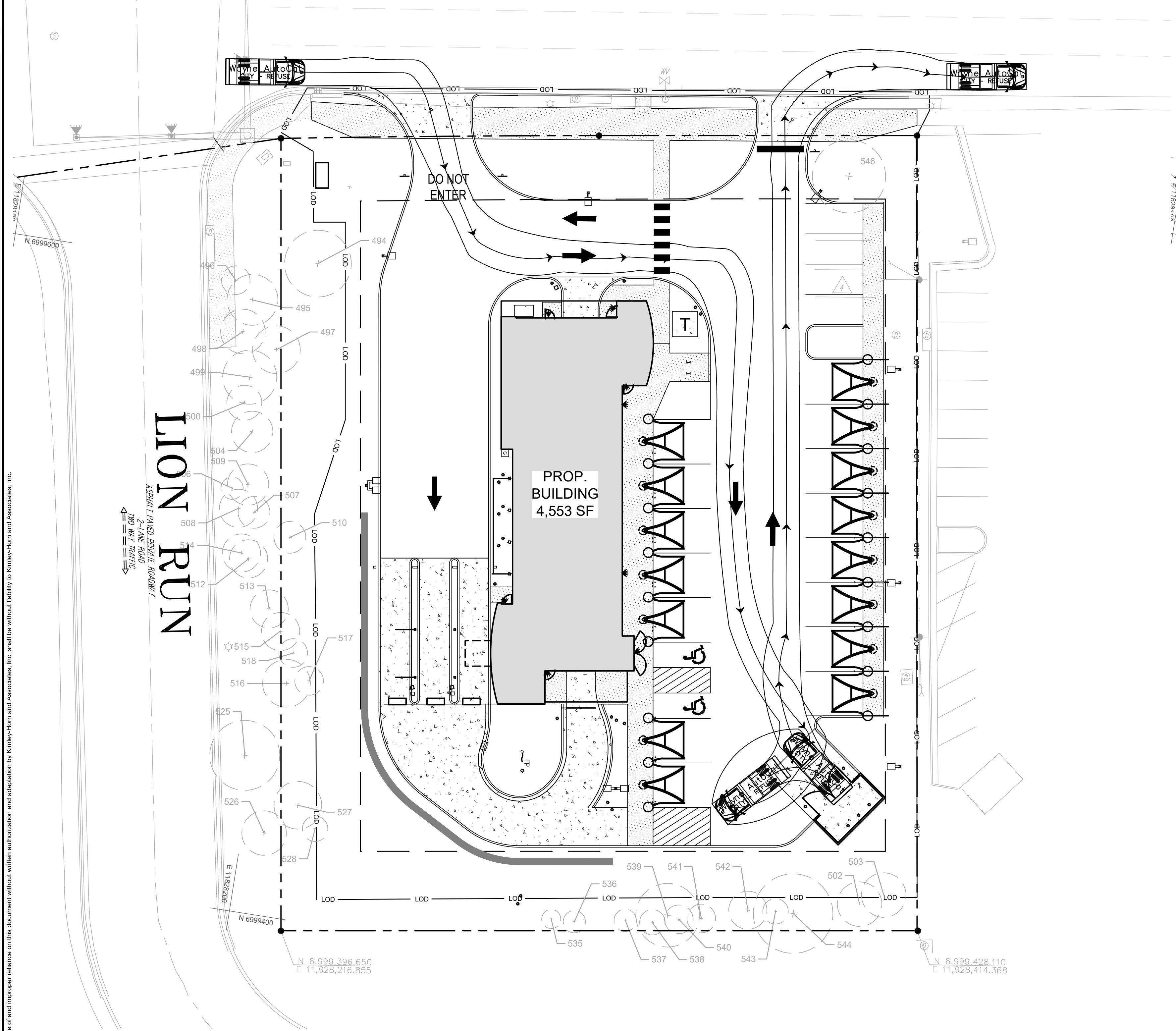
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REFUSE TRUCK TURN MOVEMENTS

FAIRFAX BOULEVARD – U.S. RTE. 50

VARIABLE WIDTH RIGHT-OF-WAY

ASPHALT PAVED PUBLIC ROADWAY
4-LANE DIVIDED HIGHWAY WITH MEDIAN
LANE WIDTH = 26' TO 32'
TWO WAY TRAFFIC

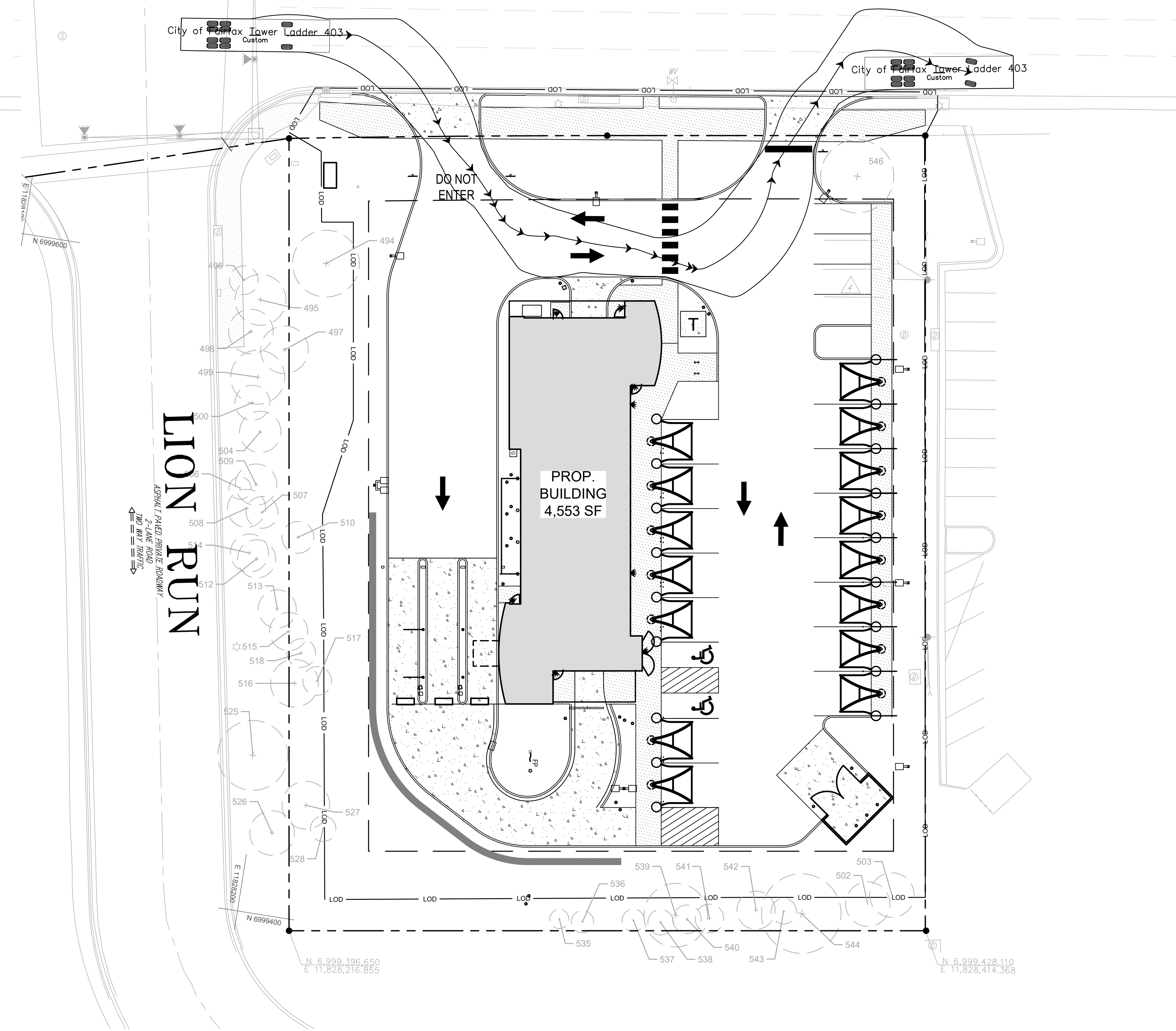


FIRE TRUCK TURN MOVEMENTS

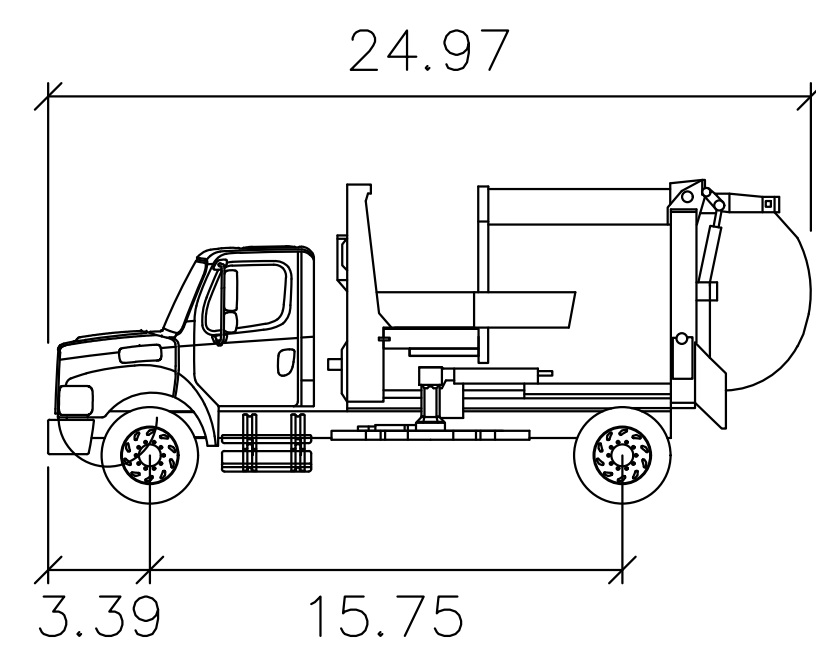
FAIRFAX BOULEVARD – U.S. RTE. 50

VARIABLE WIDTH RIGHT-OF-WAY

ASPHALT PAVED PUBLIC ROADWAY
4-LANE DIVIDED HIGHWAY WITH MEDIAN
LANE WIDTH = 26' TO 32'
TWO WAY TRAFFIC



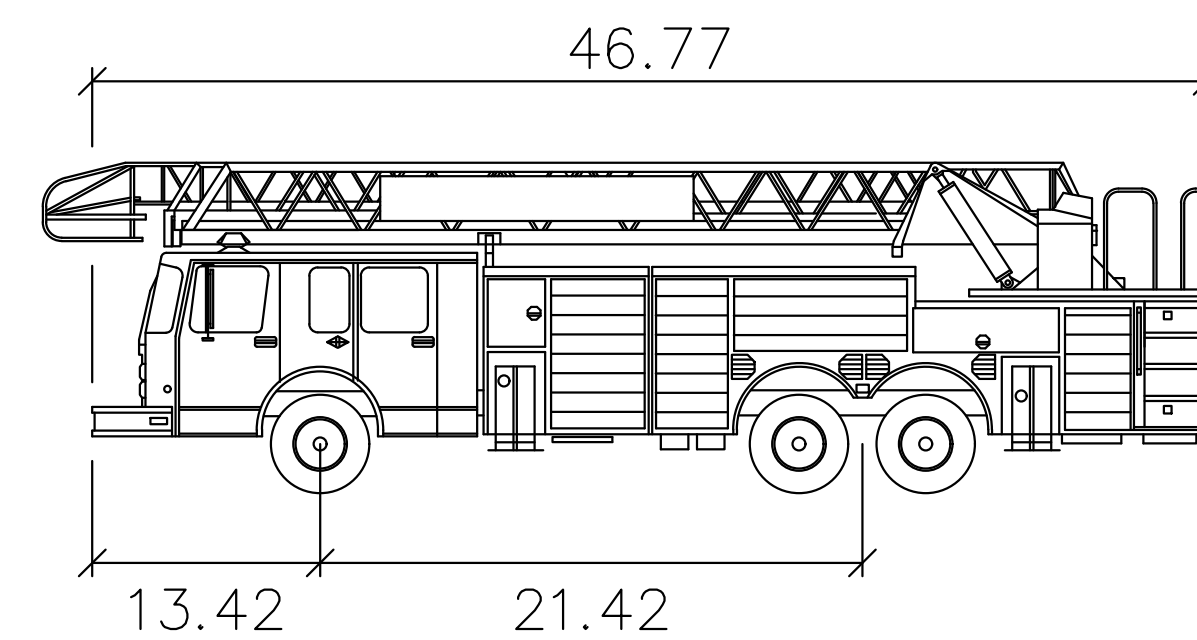
GARBAGE TRUCK DETAIL



Wayne AutoCat

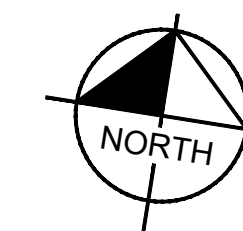
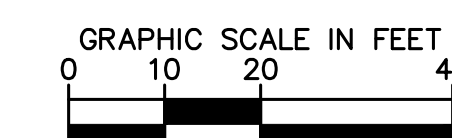
	feet
Width	: 8.17
Track	: 7.97
Lock to Lock Time	: 6.0
Steering Angle	: 47.1

FIRE TRUCK DETAIL



City of Fairfax Tower Ladder 403

	feet
Width	: 10.17
Track	: 8.50
Lock to Lock Time	: 6.0
Steering Angle	: 39.1



Prepared by: Chris Sheet, SDCO, OLYMPUS TOMPKINS, LAYOUT: TRUCK TURNING MOVEMENTS, November 10, 2023, 01:02:09pm. Website: www.sdcocva.com/PT_MV/ASANA_CVA110720001 - updates: tommy's car wash CAD files: tommy's car wash. This document, together with the concepts and designs presented herein, is an instrument of service, in that it was prepared, issued or modified for the specific purpose and client for which it was prepared. Issues of and/or amendments to this document without written authorization and approval by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

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KHA PROJECT: 110720001 DATE: 11/10/2023 SCALE: AS SHOWN DESIGNED BY: AF DRAWN BY: AF CHECKED BY: CMH	COMMONWEALTH OF VIRGINIA PROFESSIONAL ENGINEER CHRIS HOWELL Lic. No. 0402058105 11/10/2023
TRUCK TURNING MOVEMENTS	
TOMMY'S CAR WASH 9917 FAIRFAX BLVD PREPARED FOR OLYMPUS PINES	
VIRGINIA	
CITY OF FAIRFAX	
SHEET NUMBER 6	

FAIRFAX BOULEVARD – U.S. RTE. 50

VARIABLE WIDTH RIGHT-OF-WAY

ASPHALT PAVED PUBLIC ROADWAY
4-LANE DIVIDED HIGHWAY WITH MEDIAN
LANE WIDTH = 26' TO 31'
100' WAY GRADE

GRADING LEGEND

- PROPERTY LINE
- BUILDING SETBACK LINE
- LANDSCAPE BUFFER LINE
- LOD --- LIMITS OF DISTURBANCE (79,600 SF OR 1.83 ACRES)
- EXISTING CONTOUR
- XXX--- PROPOSED CONTOUR
- X.XX--- PROPOSED SLOPE
- (XXX.XX) PROPOSED SPOT ELEVATION

SPOT ELEVATION LEGEND

- ME MATCH EXISTING
- LP LOW POINT
- TC TOP OF CURB
- FC FACE OF CURB
- FFE FINISHED FLOOR ELEVATION

(UNLABELED SPOT ELEVATIONS ARE ASSUMED TO BE AT THE FLOWLINE)

LION RUN

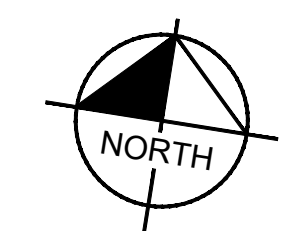
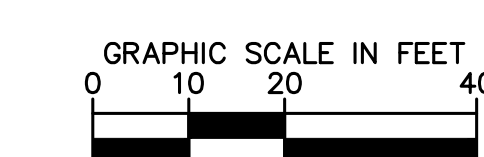
PROP. BUILDING
4,553 SF

UNDERGROUND DETENTION
DESIGN TO BE COMPLETED
WITH SITE PLAN

PROPOSED 5.25-FOOT
RETAINING WALL DESIGN AND
DETAILS TO BE INCLUDED
WITH SITE PLAN SUBMISSION

NOTE

THIS PRELIMINARY GRADING PLAN REFLECTS THE PROPOSED
ROUGH GRADED CONDITIONS FOR THE SITE. IT IS INTENDED TO GIVE
A GENERAL INDICATION OF HOW THE SITE WILL INTERACT WITH THE
ADJACENT TOPOGRAPHY. IT IS NOT INTENDED TO DEMONSTRATE
COMPLIANCE WITH ADA REGULATIONS.



Kimley»Horn

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11400 COMMERCE PARK DR., SUITE 400, RESTON, VA 20191
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KHA PROJECT	110790001
DATE	11/10/2023
SCALE	AS SHOWN
DESIGNED BY	CMH
DRAWN BY	EFR
CHECKED BY	CMH

PRELIMINARY GRADING PLAN

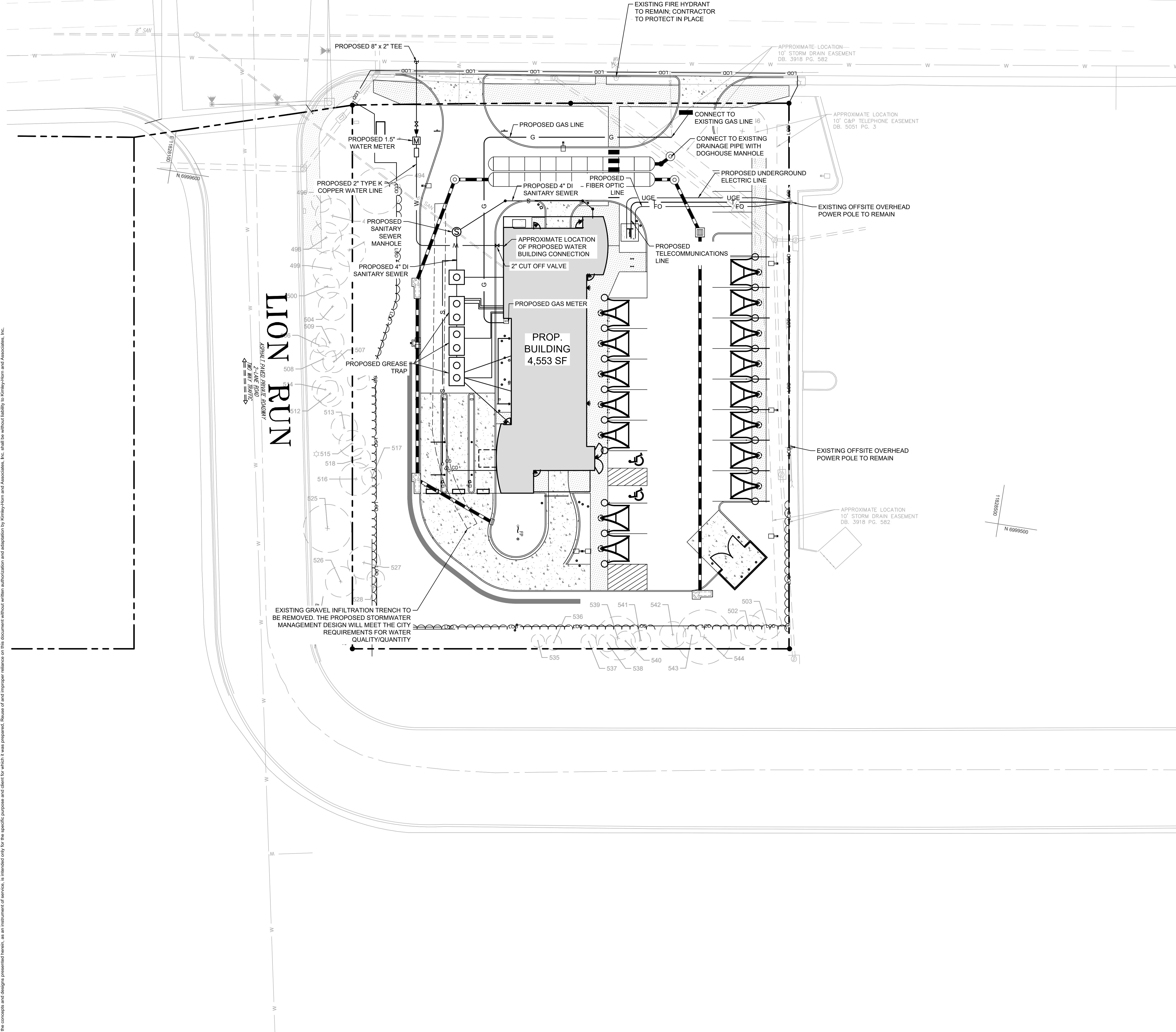
TOMMY'S CAR WASH
9917 FAIRFAX BLVD
PREPARED FOR
OLYMPUS PINES

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FAIRFAX BOULEVARD – U.S. RTE. 50

VARIABLE WIDTH RIGHT-OF-WAY

ASPHALT PAVED PUBLIC ROADWAY
4-LANE DIVIDED HIGHWAY WITH MEDIAN
LANE WIDTH – 26' TO 37'
10' SIDEWAYS

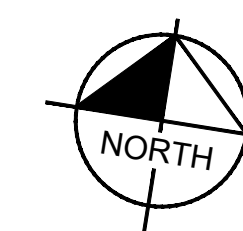
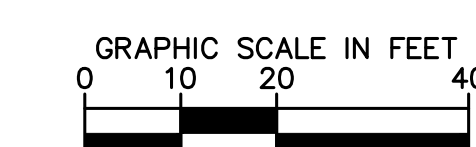


SITE LEGEND

- PROPERTY LINE
- W WATER LINE
- S SANITARY SEWER LINE
- UGE ELECTRIC
- FO FIBER OPTIC
- G GAS
- T TELECOMMUNICATION
- ☆ LIGHT POLE
- M WATER METER
- SANITARY SEWER CLEANOUT (SSCO)
- ⊙ SANITARY SEWER MANHOLE (SSMH)

NOTE

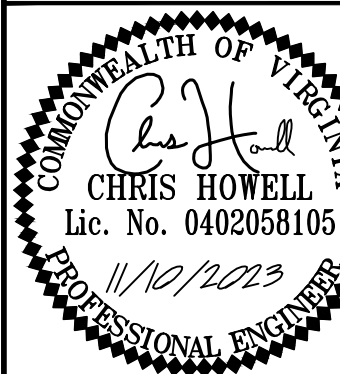
THIS PRELIMINARY UTILITY PLAN REFLECTS THE PROPOSED SCHEMATIC UTILITY DESIGN FOR THE SITE. UTILITY ROUTING AND CONNECTIONS ARE SUBJECT TO CHANGE DURING FINAL ENGINEERING DESIGN.



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KVA PROJECT	110730001
DATE	11/10/2023
SCALE	AS SHOWN
DESIGNED BY	CMH
DRAWN BY	EFR
CHECKED BY	CMH

PRELIMINARY UTILITY PLAN

TOMMY'S CAR WASH
9917 FAIRFAX BLVD
PREPARED FOR
OLYMPUS PINES

VIRGINIA

CITY OF FAIRFAX

SHEET NUMBER

8

REVISIONS

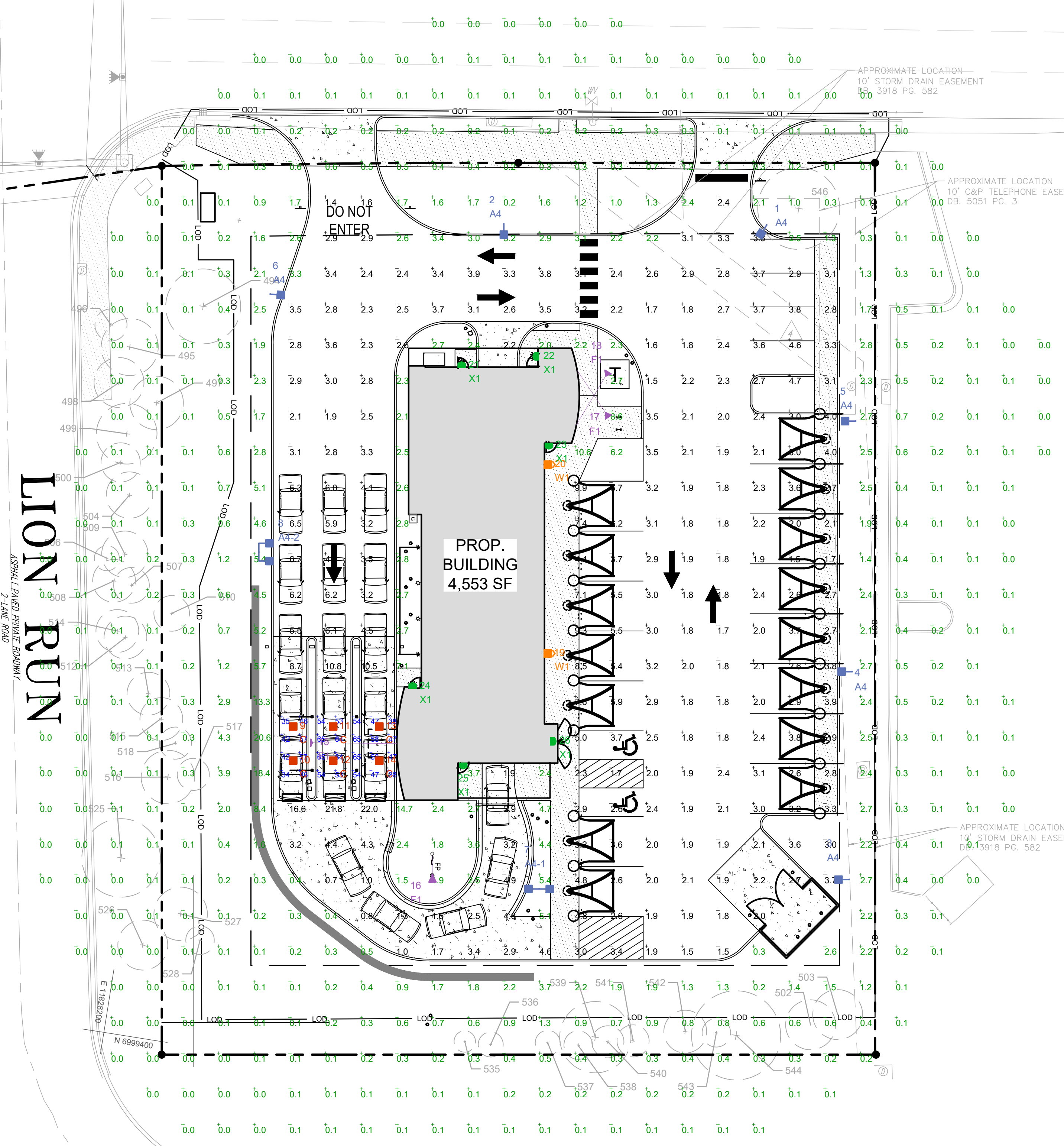
DATE

BY

FAIRFAX BOULEVARD – U.S. RTE. 50

VARIABLE WIDTH RIGHT-OF-WAY

ASPHALT PAVED PUBLIC ROADWAY
4-LANE DIVIDED HIGHWAY WITH MEDIAN
LANE WIDTH - 26' TO 37'
TWO WAY TRAFFIC



LINE TABLE

LINE	LENGTH	BEARING

CURVE TABLE

CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD
C1	5690.00'	100.00'	S80°27'02"W	100.0

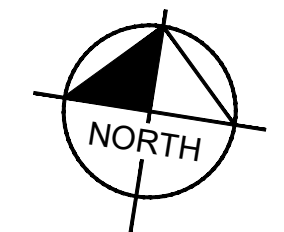
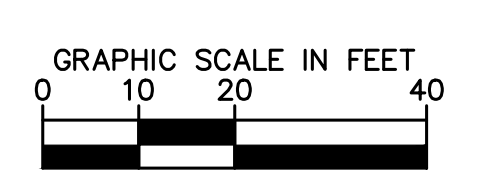
LUMINAIRE LOCATION SUMMARY

LUM NO.	LABEL	MTG. HT.
1	A4	20
2	A4	20
3	A4	20
4	A4	20
5	A4	20
6	A4	20
7	A4-1	20
8	A4-2	20
9	C	15
10	C	15
11	C	15
12	C	15
13	C	15
14	C	15
15	F1	18.5
16	F1	1
17	F1	1
18	F1	1
19	W1	15
20	W1	15
21	X1	9
22	X1	9
23	X1	9
24	X1	9
25	X1	9
26	X1	9

AREA LIGHTS ON NEW 17 FT. POLES MOUNTED ON 3 FT. CONCRETE BASES

FOOTCANDLE LEVELS CALCULATED AT GRADE USING INITIAL LUMEN VALUES

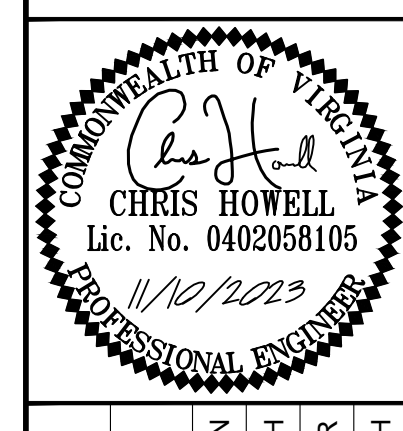
LABEL	AVG	MAX	MIN	AVG/MIN	MAX/MIN
PAVED AREA	3.41	22.0	0.7	4.87	31.43
UNDEFINED	0.87	20.6	0.0	N.A.	N.A.
UNDER CANOPY	51.75	65	34	1.52	1.91



LUMINAIRE SCHEDULE

SYMBOL	QTY	LABEL	ARRANGEMENT	LUMENS	LLF	BUG RATING	WATTS/LUMINAIRE	TOTAL WATTS	MANUFACTURER	CATALOG LOGIC
	6	A4	Single	8574	1.030	B1-U0-G2	72	432	Cree Inc	OSQ-ML-B-XX-XX + OSQM-B-11L-57K7-4M-UL-NM-XX-Q9 + OSQ-BLSMF
	1	A4-1	Back-Back	8574	1.030	B1-U0-G2	72	144	Cree Inc	OSQ-ML-B-XX-XX + OSQM-B-11L-57K7-4M-UL-NM-XX-Q9 + OSQ-BLSMF
	1	A4-2	Twin	8574	1.030	B1-U0-G2	72	144	Cree Inc	OSQ-ML-B-XX-XX + OSQM-B-11L-57K7-4M-UL-NM-XX-Q9 + OSQ-BLSMF
	6	C	Single	11280	1.030	B3-U0-G0	101	606	CREE, INC.	CAN-304-PS-XX-06-E-UL-XX-525-57K-DIM
	4	F1	Single	4330	1.040	B2-U0-G0	37	148	CREE, INC.	FLD-EDG-N6-AA-02-E-UL-XX-525-57K
	2	W1	Single	12678	1.030	B3-U0-G2	134	268	Cree Inc.	SEC-EDG-4M-WM-06-E-UL-XX-700-57K-DIM
	6	X1	Single	657	1.000	N.A.	6	36	BARRON LGHTING GROUP	SLW-15-4K-XX-EM

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PHOTOMETRIC PLAN

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