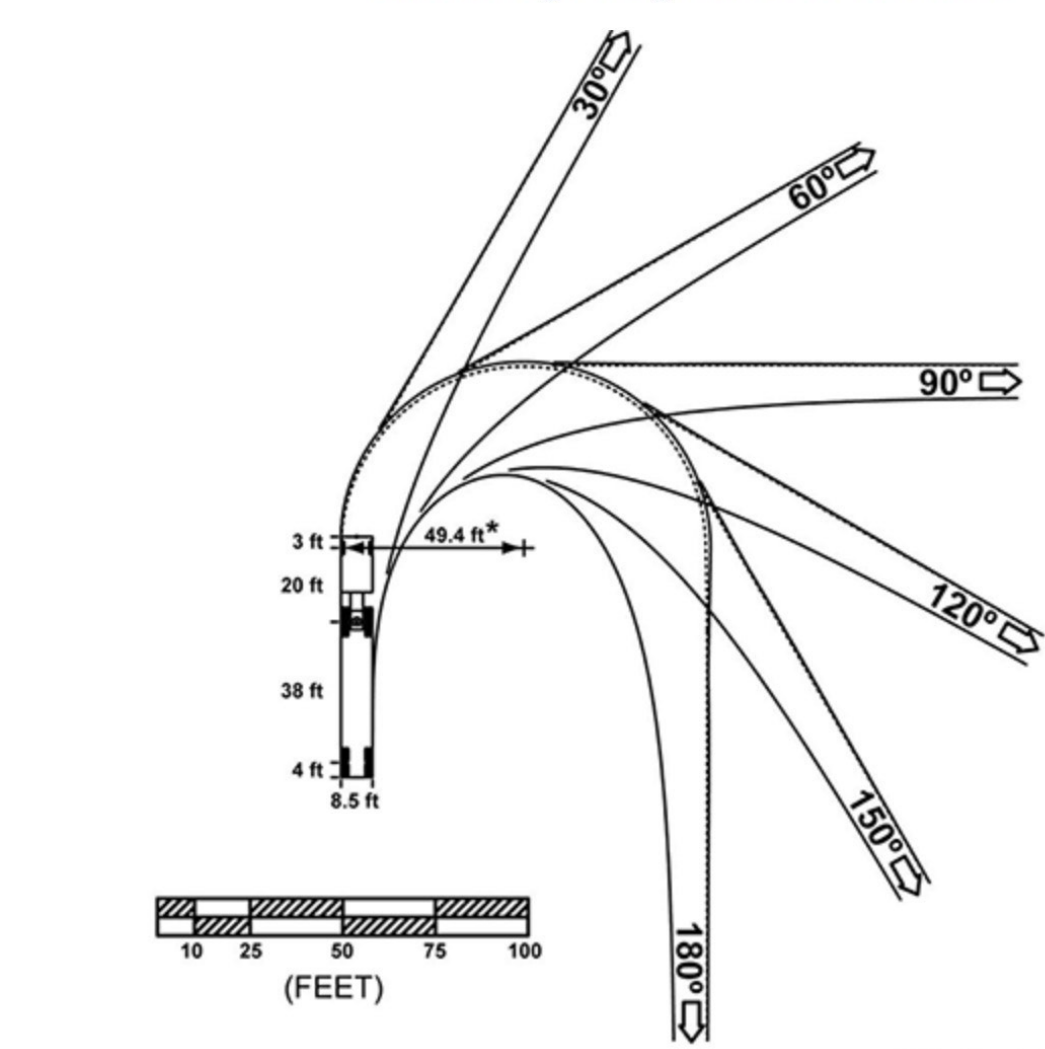


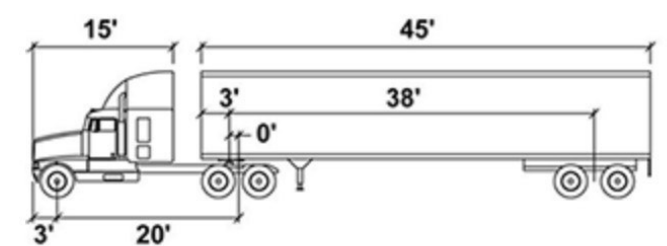
Olympic Rockeries



Figure 404.5C
California Legal Design Vehicle 50-Foot Radius



* Radius to outside wheel at beginning of curve.



LEGEND

- Swept Width (Body)
- Tracking Width (Tires)

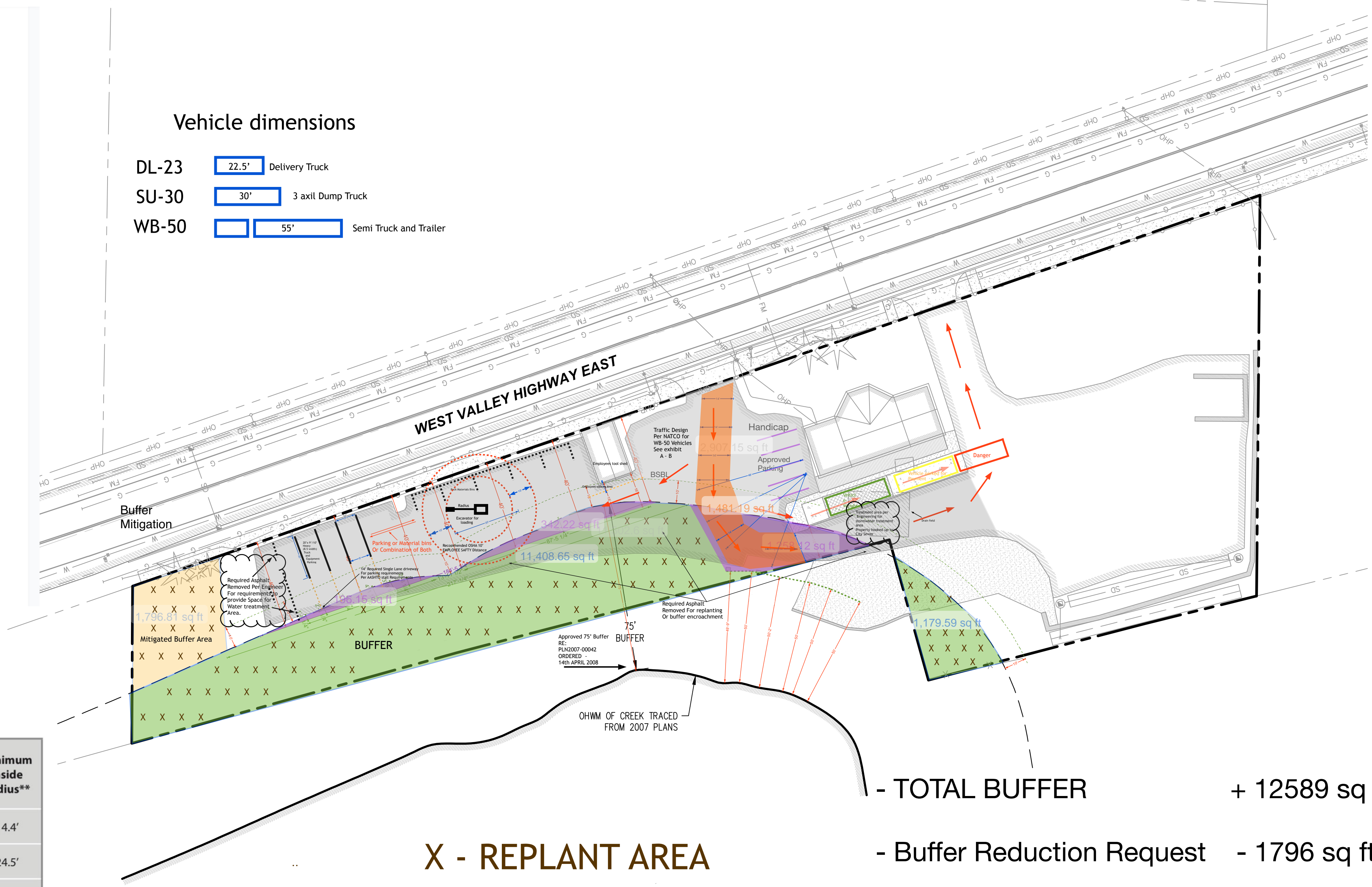
CA LEGAL - 65 FT
Tractor Width : 8.5'
Trailer Width : 8.5'
Tractor Track : 8.5'
Trailer Track : 8.5'

Lock to Lock Time : 6 seconds
Steering Lock Angle : 26.3 degrees
Articulating Angle : 70 degrees

Note: For definitions, see Indexes 404.1 and 404.5.

Vehicle dimensions

- DL-23 22.5' Delivery Truck
- SU-30 30' 3 axil Dump Truck
- WB-50 55' Semi Truck and Trailer



TRUCK DESIGN VEHICLE CHARACTERISTICS AND TURNING MOVEMENT INFORMATION

Figure B.1
Truck Design Vehicle Characteristics and Turning Movement Information

Design Vehicle	Symbol	Trailer	Wheelbase	Overall Length	Minimum Design Turning Radius*	Vehicle Widths (with mirrors)	Minimum Inside Radius**
Automobile	P	none	11'	1'9"	24'	na	14.4'
Bus	City Bus	none	25'	40'	42'	9.5'-10.0'	24.5'
Single Unit Truck	SU-30	none	20'	30'	42'	9.0'-9.5'	28.3'
Intermediate Semi-Trailer	WB-40	33' trailer	40'	45'	40'	9.0'-9.5'	19.3'
Intermediate Semi-Trailer	WB-50	42.5' trailer	50'	55'	45'	9.5'-10.0'	17.0'
Interstate Semi-Trailer	WB-62	48' trailer	62'	68.5'	45'	9.5'	7.9'
Interstate Semi-Trailer	WB-67	53' trailer	65'	73.5'	45'	9.5'	4.4'

Source: The information represented in this table was compiled from various sections of "AASHTO A Policy on Geometric Design of Highways and Streets, 2001, Fourth Edition."

* Refer to Exhibits 2.3 through 2.23 (pages 21-41) of AASHTO for more complete information on turning radius for various design vehicles.

**For a 180-degree turn.

RWHA-2025-0003



REVIEW #2
RWHA-2025-0003

X - REPLANT AREA

- TOTAL BUFFER + 12589 sq ft
- Buffer Reduction Request - 1796 sq ft
- Buffer Mitigation 1/1 + 1796 sq ft
- REMAINING BUFFER = 12589 sq ft
- ASPHALT REMOVED. = 1384 SQ FT

Christopher Guzek Rainer Permits 253- 376-2178 Ceguzek@mac.com	OLYMPIC ROCKERIES 1827 WEST VALLEY HIGHWAY EAST SUMNER, WA 98390 TAX PARCEL NO. 4495401045	AS-BUILT EXHIBIT	SHEET
			CRIT
4 / 06 / 2026			1 OF 1