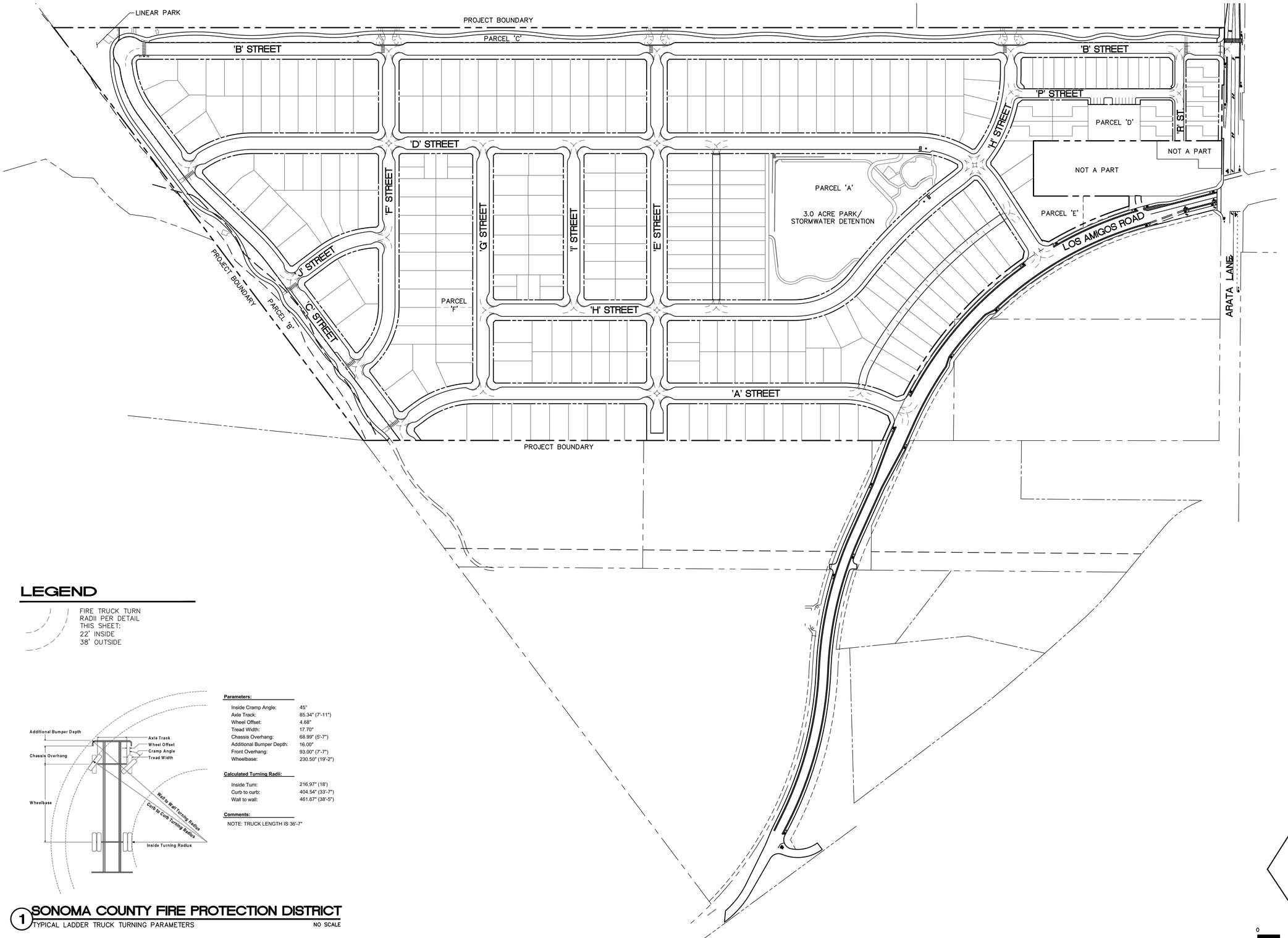


LEGEND

FIRE TRUCK TURN RADII PER DETAIL THIS SHEET:
22' INSIDE
38' OUTSIDE

Parameters:

Inside Cramp Angle:	45°
Axle Track:	85.34" (7'-11")
Wheel Offset:	4.68"
Tread Width:	17.70"
Chassis Overhang:	68.99" (5'-7")
Additional Bumper Depth:	16.00"
Front Overhang:	93.00" (7'-7")
Wheelbase:	230.50" (19'-2")

Calculated Turning Radii:

Inside Turn:	216.97" (18')
Curb to curb:	404.54" (33'-7")
Wall to wall:	461.67" (38'-5")

Comments:

NOTE: TRUCK LENGTH IS 36'-7"

1 SONOMA COUNTY FIRE PROTECTION DISTRICT

TYPICAL LADDER TRUCK TURNING PARAMETERS — NO SCALE

PROFESSIONAL ENGINEER * REGISTERED * STATE OF CALIFORNIA
DANIEL DALBY No. 44511 CIVIL
DENNIS
6/13/24 DATE

DENNIS D. DALBY
RCE 44511

CIVIL DESIGN CONSULTANTS, INC.
2200 Range Avenue, Suite 204
Santa Rosa, CA 95403
(707) 542-4820

VEHICLE TURNING EXHIBIT

QUAIL ACRES

NORTH OF ARATA

259, 325 ARATA LANE WINDSOR, CALIFORNIA

APN 161-020-053, 058 AND 060

JUNE 2024

JOB NO. 18-136

SHEET NO. TM15

OF 16 SHEETS