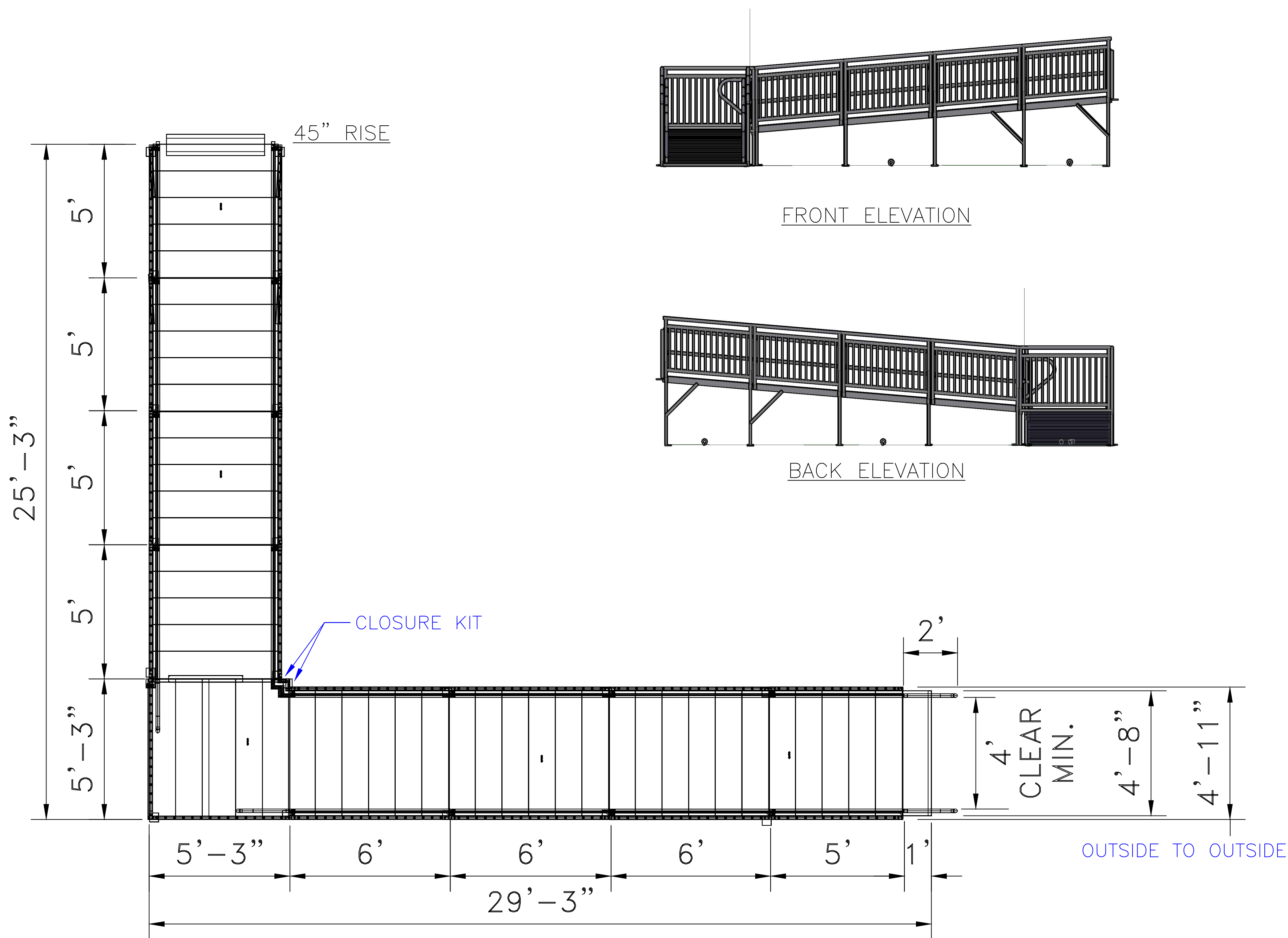
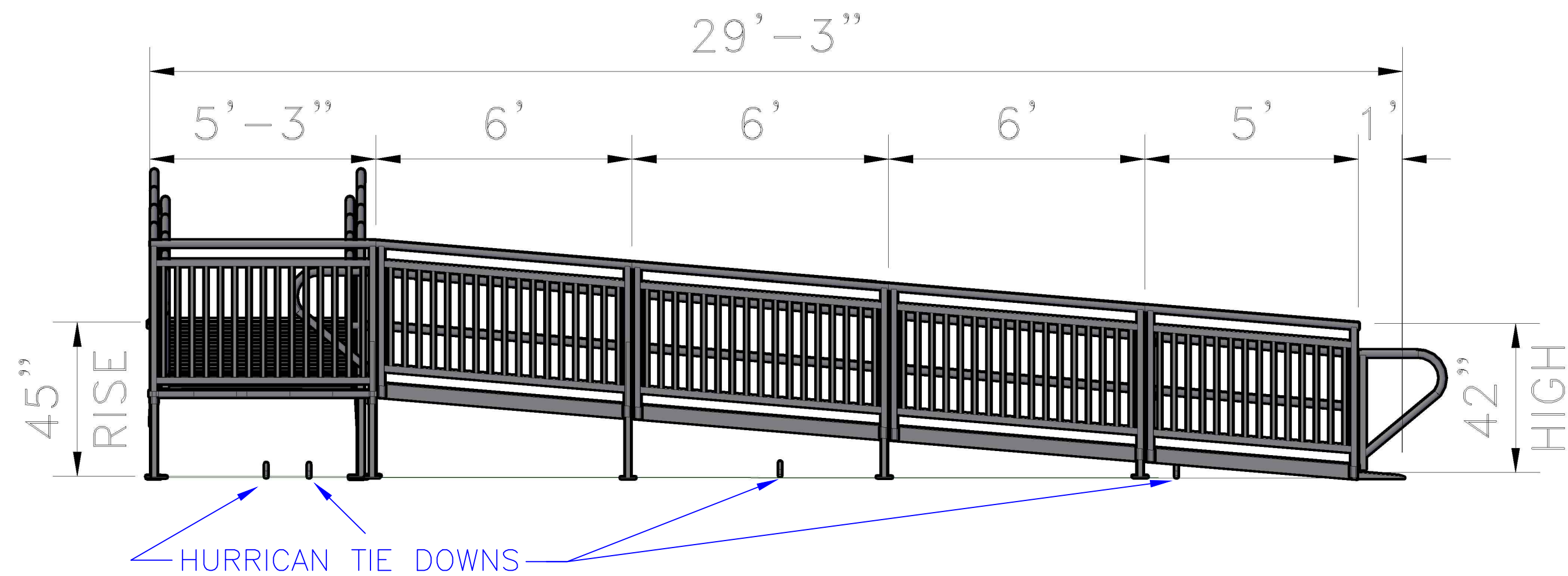


10/27/2016 4:10 PM \\SVRSERVICES1\CompanyShare\AmerAccess\ANATIONAL\CAD\ESTIMATOR DRAWINGS\56WIDE COMMERCIAL RAMP 45RISE 45FEET RAMP PLAN AND ELEVATIONS.dwg



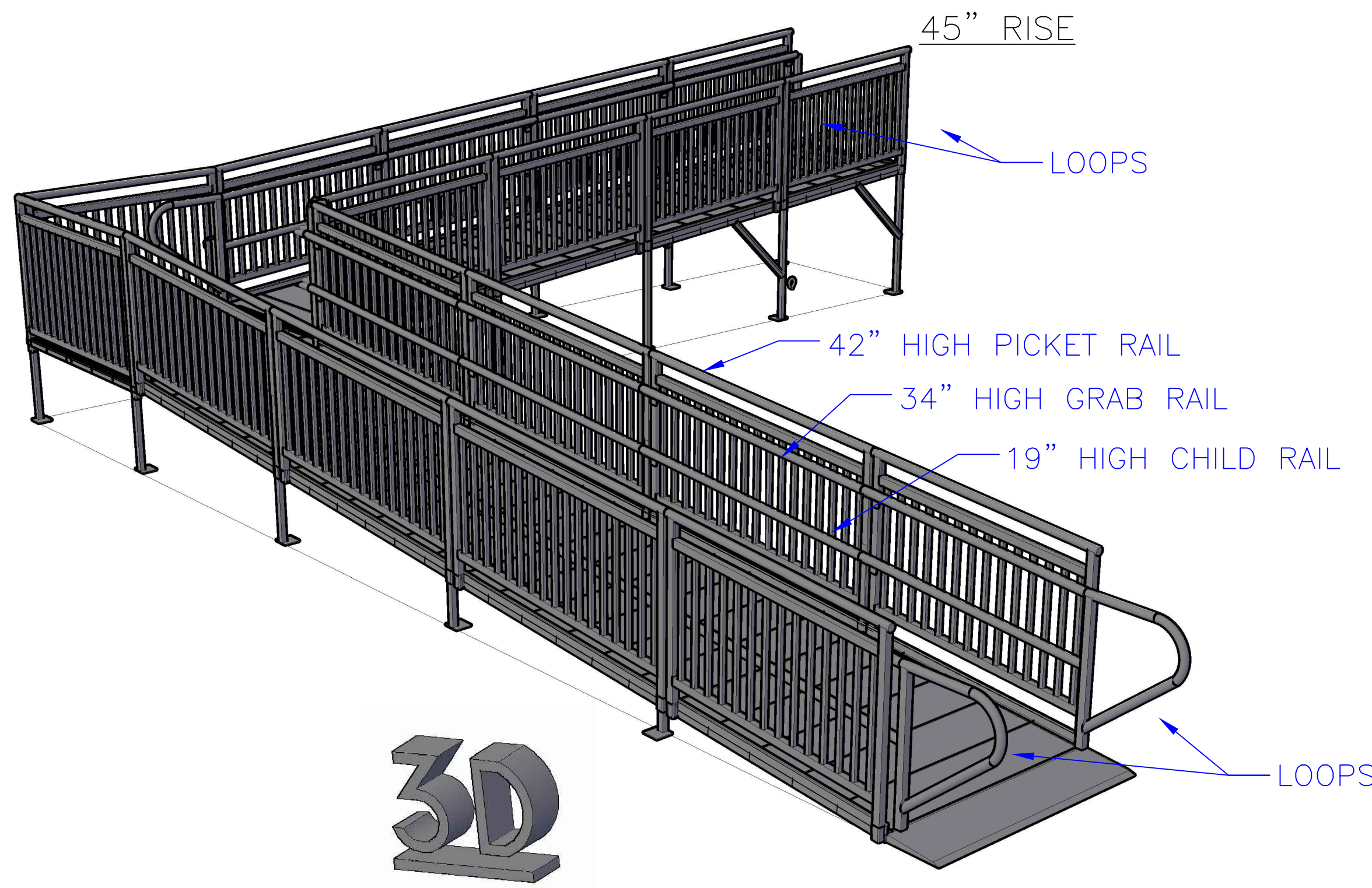
PLAN  
SCALE: 3/8"=1'-0"

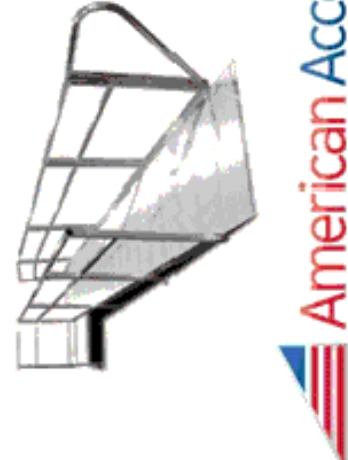


SIDE ELEVATION  
SCALE: 3/8"=1'-0"

GENERAL NOTES:

1. ALUMINUM RAMP, LANDING AND STAIR SECTIONS SHALL BE A FREE SPAN DESIGN.
2. ALL ALUMINUM CONSTRUCTION USING 6000 SERIES ALUMINUM ALLOYS, STRUCTURAL MEMBERS TO BE 6005A-T61 AND 6063-T6 ALUMINUM ALLOY.
3. ALUMINUM WILL BE STANDARD MILL FINISH UNLESS OTHERWISE NOTED.
4. WELDING SHALL BE IN ACCORDANCE WITH ANSI/AWS D1.2-97 GAS METAL ARC WELDING (GMAW) PROCESS BY EXPERIENCED OPERATORS.
5. ALL FASTENERS TO BE 304 STAINLESS STEEL UNLESS OTHERWISE NOTED.
6. LANDING, RAMP AND STAIR SECTIONS ARE TO BE ENGINEERED FOR A 100 PSF LIVE LOAD.
7. LANDING AND RAMP WALKING SURFACES SHALL BE DESIGNED FOR A MINIMUM CONCENTRATED VERTICAL LOAD OF 400 LBS APPLIED EVENLY OVER A 12" X 12" AREA. STAIR TREAD SHALL BE DESIGNED FOR A MINIMUM CONCENTRATED VERTICAL LOAD OF 400 LBS APPLIED EVENLY OVER A 4 INCH SQUARE AREA.
8. RAMP AND LANDING GUARDRAILS AND OR 2 LINE HANDRAIL TO BE 34 INCH MINIMUM HEIGHT UNLESS OTHERWISE SPECIFIED. THE RAMP IS TO HAVE A LEAST A 36" CLEARED WIDTH.
9. GUARDRAILS OR 2 LINE HANDRAIL SHALL BE DESIGNED AND CONSTRUCTED FOR A LOAD OF 50 PLF APPLIED HORIZONTALLY AT THE REQUIRED GUARDRAIL HEIGHT OF 34" AND A SIMULTANEOUS LOAD OF 100 PLF APPLIED VERTICALLY DOWNWARD AT THE TOP OF THE GUARDRAIL.
10. HANDRAILS SHALL BE DESIGNED AND CONSTRUCTED FOR A LOAD OF 50 PLF APPLIED HORIZONTALLY AT THE REQUIRED GUARDRAIL HEIGHT OF 34" AND A SIMULTANEOUS LOAD OF 100 PLF APPLIED VERTICALLY DOWNWARD AT THE TOP OF THE GUARDRAIL.
11. GUARDRAILS SHALL BE DESIGNED SO THAT A 4 (FOUR) INCH SPHERE CANNOT PASS THROUGH ANY OPENING IN THE RAIL.
12. HANDRAIL HEIGHT SHALL BE A MINIMUM OF 34" AND A MAXIMUM OF 38".
13. HANDRAIL AND GUARDRAIL SHALL BE DESIGNED FOR A CONCENTRATED LOAD OF 250 LB APPLIED AT ANY POINT AND IN ANY DIRECTION.
14. WALKING SURFACE SHALL BE A SLIP RESISTANT, EXTRUDED ALUMINUM DECKING WITH A TONGUE AND GROOVE INTERLOCKING CONNECTION PROVIDING A SEAMLESS WALKING SURFACE.
15. ALL DESIGNS SHOWN HERE ARE SUBJECT TO CHANGE PENDING FIELD VERIFICATION OF EXISTING CONDITIONS.
16. WHEN INSTALLED, THIS RAMP SHALL MEET THE REQUIREMENTS OF 28 CFR PART 36 (ADA STANDARDS FOR ACCESSIBLE DESIGN)
17. 6" X 9" X 2" CONCRETE SILLS TO BE USE ON SURFACE OTHER THAN CONCRETE PAVING OR USE P.T.H.F. WOOD SILE OR EQUAL.



REVISIONS	BY
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56WIDE COMMERCIAL RAMP 45RISE 45FEET RAMP PLAN AND ELEVATIONS	
DRAWN DC	
CHECKED BC	
DATE 10.27.2016	
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