

Cobblestone Express Car Wash Use Permit

Location



W YUMA ROAD

- Use Permit for drive-thru car wash
- 1.81 acre site
- PAD zoning



Location



W YUMA ROAD

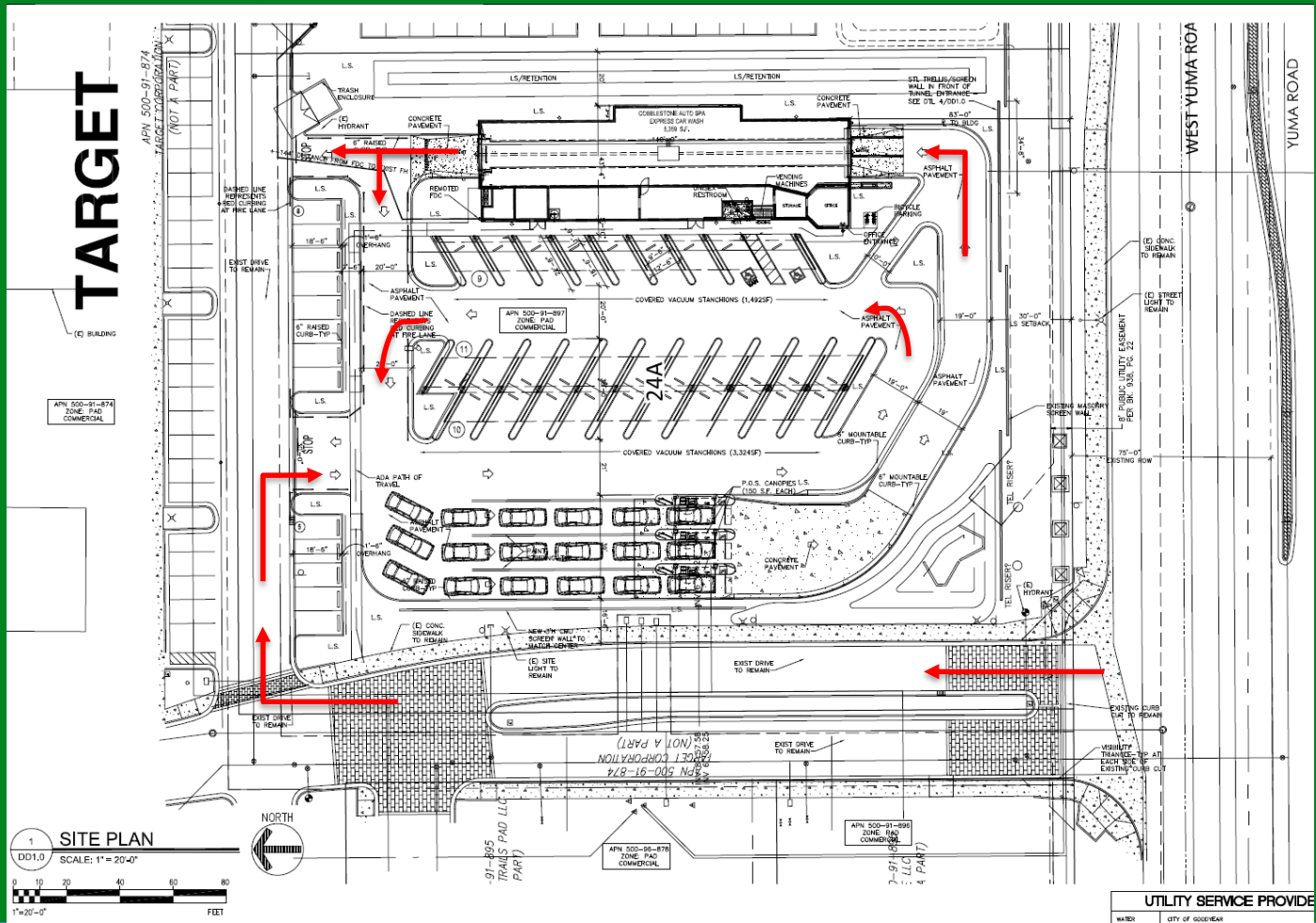
- Within Canyon Trails Towne Center



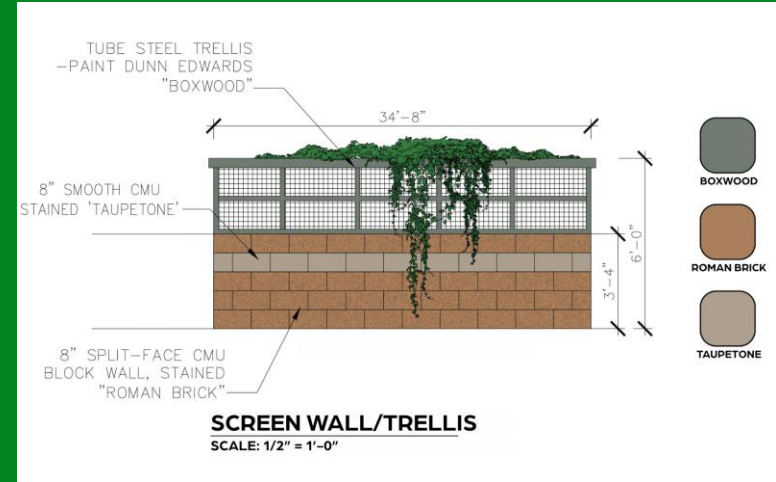
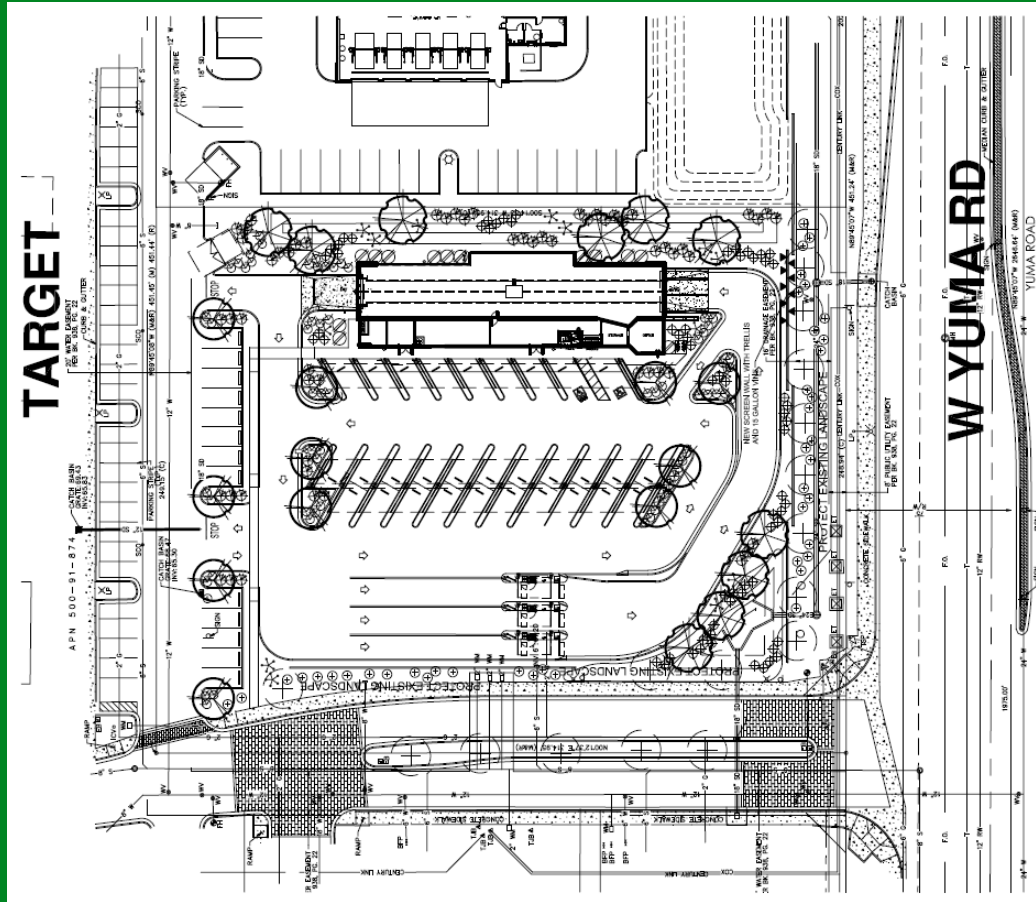
Canyon Trails Towne Center PAD Conceptual Site Plan



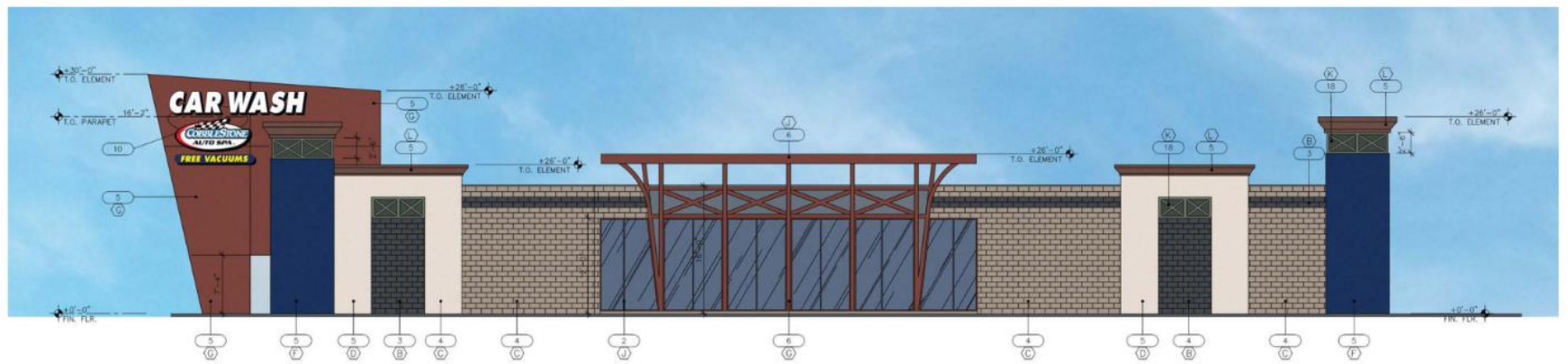
Conceptual Site Plan



TARGET



Conceptual Elevations



EAST ELEVATION

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



WEST ELEVATION

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

Noise Exhibit

TARGET

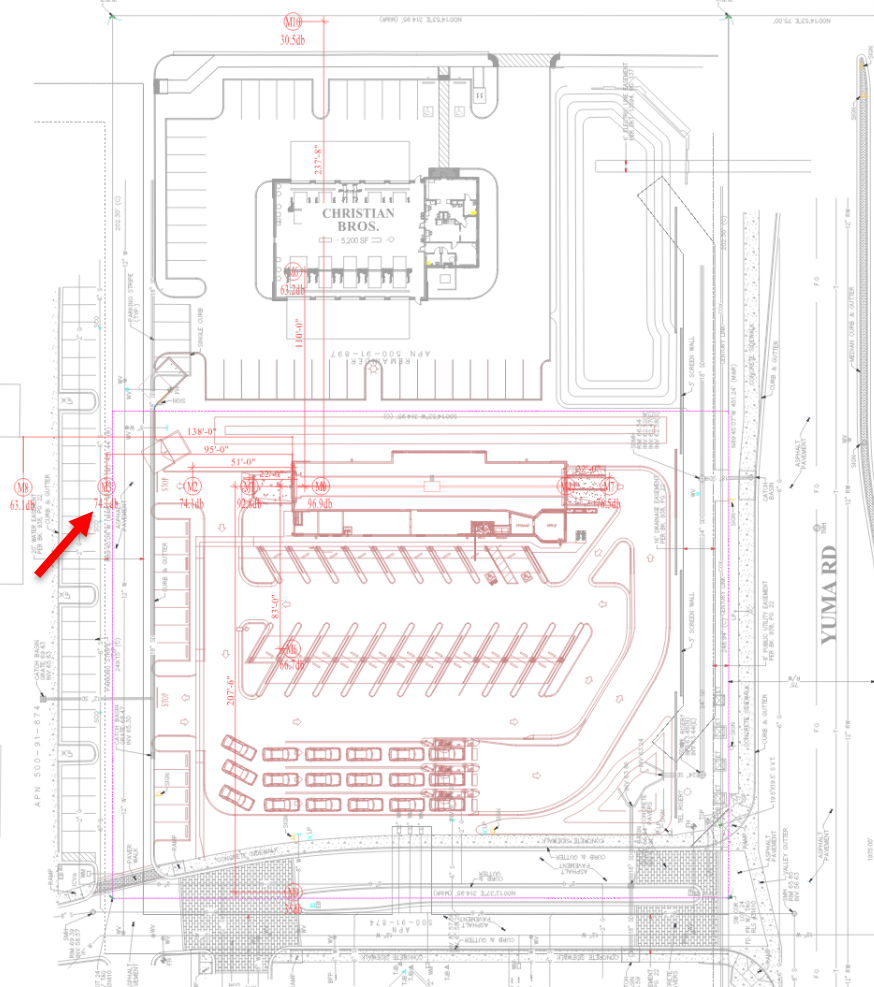


Table 1. Sonny's Dryer Blower Silencers Acoustical Test Results (Round 2)

Sonny's Car Wash Blower and Silencer Noise Measurement Tests 10/3/18						
Prestige Car Wash - 4921 N. University Drive, Lauderhill, FL 33351						
Site No.	Distance to Blowers* (feet)	Noise Measurement Site Location	Traffic Noise Influence**	Noise Level No Silencers dBA Leq	Noise Level With Silencers dBA Leq	Approx. Noise Reduction dBNR
M0	8	Inside tunnel near blowers towards exit	No	99.7	96.9	2.8
M1	22	Tunnel exit portal (east)	No	96.3	92.8	3.6
M2	51	Outside tunnel in direct line from exit	Slightly	84.8	80.3	4.5
M3	95	Outside tunnel in direct line from exit	Yes	78.4	74.1	4.3
M4	68	Tunnel entrance portal (west)	No	88.3	87.1	1.1
M5	110	Building facade adjacent property to south	Yes	65.7	63.2	2.5
M6	83	Northern property line	Yes	69.7	66.7	3.1
M7	99	Outside tunnel in direct line from entrance	No	77.7	76.5	1.2
M8	10	Inside office/waiting room area	No	67.9	66.1	1.7

*Blowers are located approximately 22 feet inside the car wash tunnel exit and approximately 68 feet inside the tunnel entrance.

**Traffic noise from N. University Drive NB & SB movements did have an impact on some noise measurements that were farther away from the blower noise.

Healthy Hearing

Decibels	Source of noise	Danger level
30	Whisper	●
60	Normal conversation	●
70	Washing machine	●
90	City traffic	▲
100	Power tools	▲
110	Live concert	▲
120	Ambulance siren	■
140	Jet engine taking off	■
160	12-gauge shotgun	■

Safe
Caution
Danger

Recommendation



CONDITIONAL APPROVAL SUBJECT TO STAFF STIPULATIONS

- Application complies with city requirements
- Staff received no opposition from the public
- Planning and Zoning Commission recommended approval (7-0)



Thank you