City of Laredo TX
1413 Houston Street
Laredo, TX 78040

June 28, 2024

Re: Site Number: 212070 Ultra Well

To whom it may concern,

American Tower Corporation is making application for a Specific Use Permit for the construction of a wireless telecommunications facility in the City of Laredo TX.

Narrative:

American Tower Corporation (ATC) currently operates a 122’ tall tower and wireless telecommunications facility located at 5508 E. Saunders Street where the lease for the facility is expiring August 11, 2024. Therefore, in order to provide its tenants a platform to operate their wireless telecommunications networks and provide communications service and essential life safety network capacity, ATC must install a new tower near the tower to be dismantled. In this effort, ATC has secured an interest in a property located at 531 County Road 457 for a long term lease and construction of a 122’ tall tower and wireless telecommunications facility. The new tower facility will be substantially similar to the existing facility and will be built to accommodate all the major wireless communications carriers. The tower will be a galvanized steel monopole designed to code and placed within a fenced and secured compound. The tower will be located in excess of 75% of tower height from the nearest property line as prescribed in the City ordinance. Construction of the facility will begin within the next six to twelve months.

Supplementary Information:

The carriers who will install on this tower will operate on federally licensed frequencies under the guidelines and requirements of the Federal Communications Commission (FCC). The facility will be registered with the FCC. The tower will not pose a hazard to air navigation as demonstrated by the enclosed air space analysis and ATC has submitted notification to the Federal Aviation Administration (FAA), filing number 2024-ASW-6834-OE, providing notice to the FAA for their official review and issuance of a determination of no hazard to airspace. The tower facility will be operated within the guidelines of the FAA. This facility will comply with the 1996 telecommunications act and will receive all necessary approvals from the state

historical preservation office and other agencies in compliance with the act prior to the start of construction.

If you have any questions, please do not hesitate to call and / or email me. I can be reached at 205-443-3429 or via email to hcarrico@craftongroup.com.

Thank you,

Hope Carrico
Project Manager

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* Federal Airways & Airspace *
* Summary Report: New Construction *
* Antenna Structure *
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Airspace User: Not Identified

File: 212070

Location: Laredo, TX

Latitude: 27°-31'-45.91" Longitude: 99°-26'-16.54"

SITE ELEVATION AMSL.....421 ft.
STRUCTURE HEIGHT.....130 ft.
OVERALL HEIGHT AMSL.....551 ft.

NOTICE CRITERIA
FAR 77.9(a): NNR (DNE 200 ft AGL)
FAR 77.9(b): NR (Exceeds Notice Slope, Maximum: 532 ft.)
FAR 77.9(c): NNR (Not a Traverse Way)
FAR 77.9: NNR FAR 77.9 IFR Notice for LRD
FAR 77.9: NNR (No Expected TERPS® impact with XA66)
FAR 77.9(d): NNR (Off Airport Construction)

NR = Notice Required
NNR = Notice Not Required
PNR = Possible Notice Required (depends upon actual IFR procedure)
For new construction review Air Navigation Facilities at bottom of this report.

Notice to the FAA is required because height exceeds Notice Slope criteria.
The maximum height to avoid notice is 532 ft AMSL.

OBSTRUCTION STANDARDS
FAR 77.17(a)(1): DNE 499 ft AGL
FAR 77.17(a)(2): DNE - Airport Surface
FAR 77.19(a): DNE - Horizontal Surface
FAR 77.19(b): DNE - Conical Surface
FAR 77.19(c): DNE - Primary Surface
FAR 77.19(d): DNE - Approach Surface
FAR 77.19(e): DNE - Approach Transitional Surface
FAR 77.19(e): DNE - Abeam Transitional Surface

VFR TRAFFIC PATTERN AIRSPACE FOR: LRD: LAREDO INTL
Type: A RD: 6545.079 RE: 467.4
FAR 77.17(a)(1): DNE
FAR 77.17(a)(2): DNE - Height No Greater Than 200 feet AGL.
VFR Horizontal Surface: DNE
VFR Conical Surface: DNE
VFR Primary Surface: DNE
VFR Approach Surface: DNE
VFR Transitional Surface: DNE

The structure is within VFR - Traffic Pattern Airspace Climb/Descent Area.
Structures exceeding the greater of 350' AAE, 77.17(a)(2), or VFR horizontal and conical surfaces will receive a hazard determination from the FAA.
Maximum AMSL of Traffic Pattern Area is 858 feet.

VFR TRAFFIC PATTERN AIRSPACE FOR: XA66: EL JARDIN RANCH
Type: A RD: 202824.8 RE: 475.1
FAR 77.17(a)(1): DNE
FAR 77.17(a)(2): DNE - Greater Than 5.99 NM.
VFR Horizontal Surface: DNE
VFR Conical Surface: DNE
VFR Primary Surface: DNE
VFR Approach Surface: DNE
VFR Transitional Surface: DNE

TERPS DEPARTURE PROCEDURE (FAA Order 8260.3, Volume 4)
FAR 77.17(a)(3) Departure Surface Criteria (40:1)
DNE Departure Surface

MINIMUM OBSTACLE CLEARANCE ALTITUDE (MOCA)
FAR 77.17(a)(4) MOCA Altitude Enroute Criteria
The Maximum Height Permitted is 1400 ft AMSL

PRIVATE LANDING FACILITIES

FACIL IDENT	TYP	NAME	BEARING To FACIL	RANGE IN NM	DELTA ARP ELEVATION	FAA IFR
XA22	HEL	LAREDO MEDICAL CENTER	277.18	2.14	+85	

No Impact to Private Landing Facility
Structure is beyond notice limit by 8003 feet.

AIR NAVIGATION ELECTRONIC FACILITIES

FAC IDNT	TYPE	ST AT	FREQ	VECTOR	DIST (ft)	DELTA ELEVA	ST	LOCATION	GRND ANGLE	APCH BEAR
LRD	LOCALIZER	I	111.9	274.01	8371	+74	TX	RWY 18R LAREDO IN	.51	178
LRD	ATCT	I	A/G	293.78	10669	-53	TX	LAREDO INTL	-.28	

No Impact. Does Not Exceed Navaid EMI Notice Height Criteria.

LRD	VORTAC	R	117.4	160.39	19565	-32	TX	LAREDO	-.09	

No Impact. Does Not Exceed Navaid EMI Notice Height Criteria.
Alert! IFR Notice is not required for this structure.
Predict within Final Segment of Approach plus Fix Error Area.
Within FAR 77.9 IFR Notice Requirement Area for LRD: VOR OR TACAN RWY 32
The maximum IFR No Notice Height for new construction is: 620' AMSL.

LRD	CO	Y	A/G	133.43	24229	-38	TX	LAREDO	-.09	
QZA	RADAR ARSR	Y	1277.7	94.28	152298	-407	TX	Oilton	-.15	

5G AIRPORT SAFETY AREA
5G conflict with airport LRD Zone 2.
Please review 5G Report: 212070.5GR

CFR Title 47, §1.30000-§1.30004
AM STUDY NOT REQUIRED: Structure is not near a FCC licensed AM station.
Movement Method Proof as specified in §73.151(c) is not required.
Please review 'AM Station Report' for details.
Nearest AM Station: KLNT @ 5047 meters.

Airspace® Summary Version 24.5.700

05-21-2024
12:35:15