



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](mailto: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                                          | BEARING  | RANGE | DELTA ARP | FAA |
|------------------------------------------------|----------|-------|-----------|-----|
| IDENT TYP NAME                                 | To FACIL | IN NM | ELEVATION | 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                                                                      |            | ST |        |        | DIST   | DELTA |    |                   |  | GRND  | APCH |
| IDNT                                                                     | TYPE       | AT | FREQ   | VECTOR | (ft)   | ELEVA | ST | LOCATION          |  | ANGLE | 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.