

# **EXHIBIT 13**

## **Waiver Request of Section 74.1204 Granger, WA K279AK 190 Watts ERP Calvary Chapel of Twin Falls, Inc. 7/2011**

The proposed site is contained entirely inside the service contour of third-adjacent station KYKV Selah, WA and second-adjacent station KXDD Yakima, WA

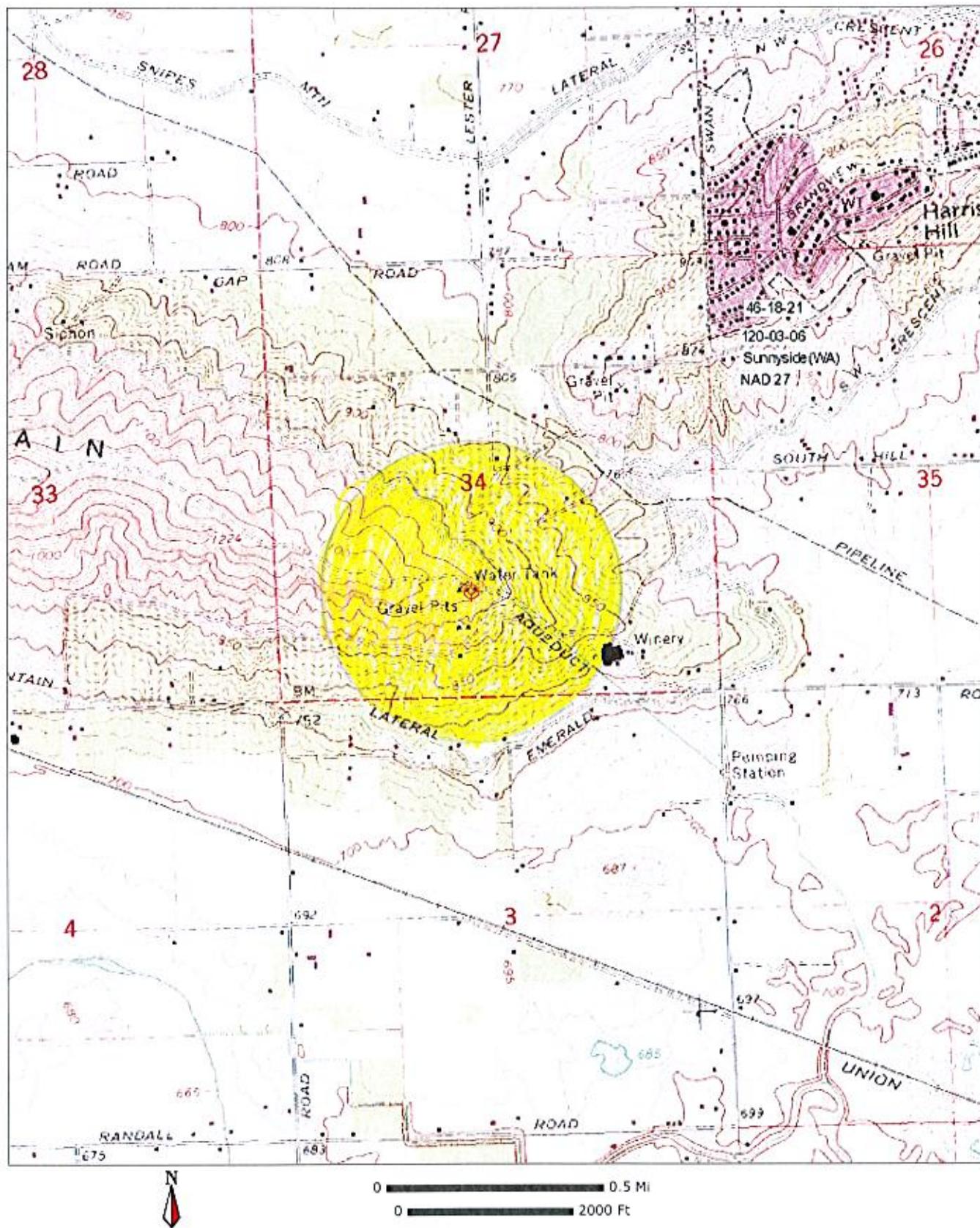
The transmit antenna will be part of a 22.5 foot structure (20 foot pole with a GPFM attached-see drawing) on top of an existing water tank that is 19 feet tall. The fields surrounding the water tank are filled with grapes. There are several outlying storage buildings and water storage sheds, along with the closest residences, marked on the attached Google Earth map. The main plant is located southeast of the water tank and there are 2 homes specified on the east side of the road that leads into the plant. The main building is located at a distance of approximately 1774 feet to the closest corner. The closest out building/storage at the plant is labeled US Grape Plant and is 1520 feet. There are no residences or office buildings located closer than 1754 feet.

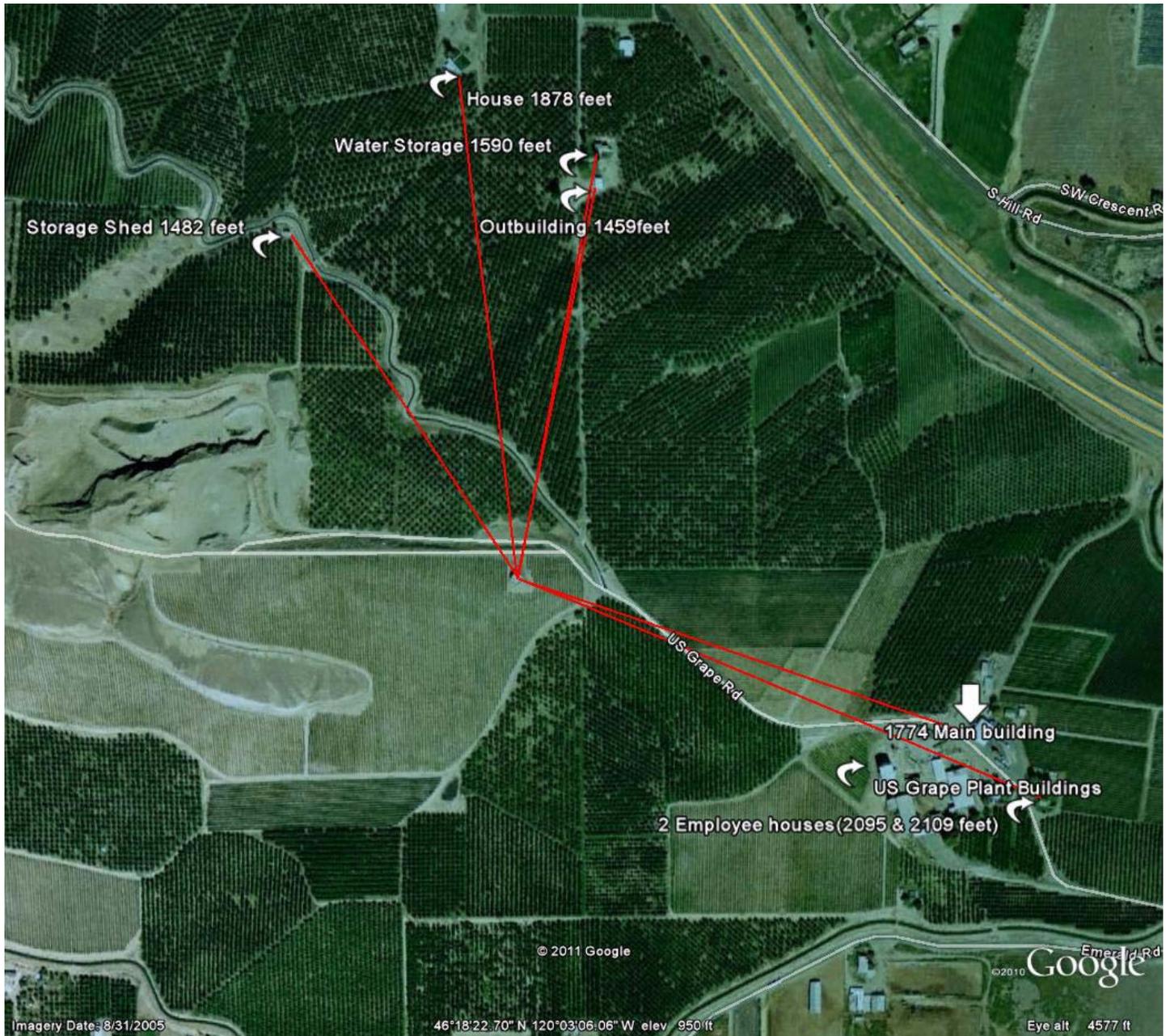
### **KYKV**

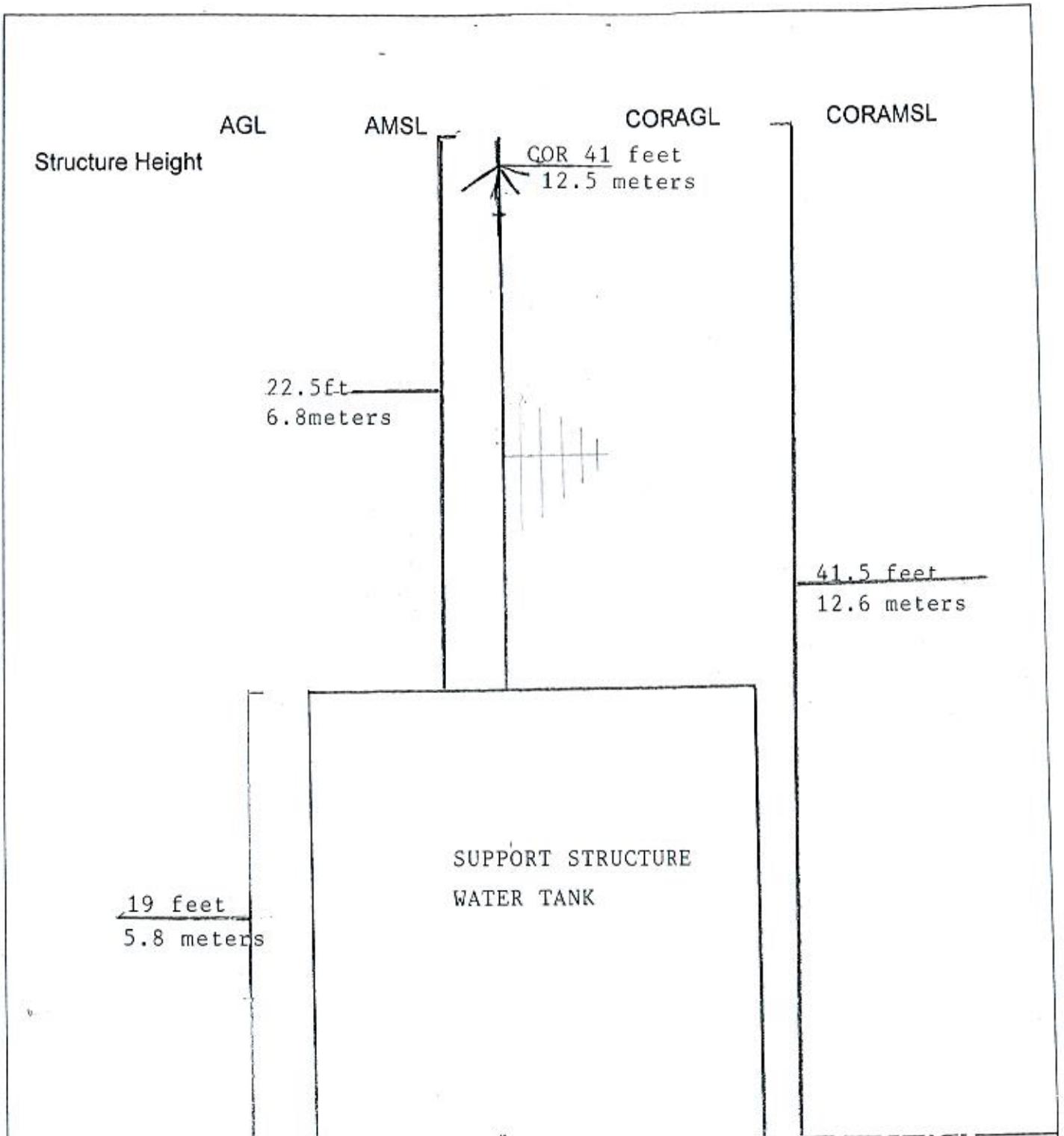
The proposed site is contained entirely inside the service contour of third-adjacent station KXDD, 276C2, 5.4kW, Selah, WA. The level of least arriving protected F(50,50) signal at the proposed transmitter site is 65.3-dBu. Using the U/D method for calculating proposed interference, the interfering contour is 105.3-dBu (free-space contour method employed). The interfering signal would, in the worst case at the maximum radial, extend 535 meters, or 1754 feet, from the base of the water tank. Attached is a section of the Quadrangle Map Sunnyside, WA with an interfering contour of 1755 feet marked in yellow, which shows this water tank is located in a very sparsely populated area, in the middle of a grape growing operation. The Google Earth map provides a better look at the structures which surround the water tank. Because there are no residences, businesses or major roadways that are located within the interfering contour or 1754 feet, Calvary Chapel of Twin Falls, Inc. respectfully requests a waiver of the FM translator contour overlap regulations with respect to third-adjacent channel station KYKV, Selah.

### **KXDD**

The proposed site is contained entirely inside the service contour of second-adjacent station KXDD, 281C1, 100kW, Yakima, WA. The level of least arriving protected F(50,50) signal at the proposed transmitter site is 78-dBu. Using the U/D method for calculating proposed interference, the interfering contour is 118-dBu (free-space contour method employed). The interfering signal would, in the worst case at the maximum radial, extend 124 meters, 407 feet, from the base of the Water Tank. Attached is a section of the Quadrangle Map Sunnyside, WA with an interfering contour of 1755 feet marked in yellow, which shows this water tank is located in a very sparsely populated area, in the middle of a grape growing operation. The Google Earth map provides a better look at the structures which surround the water tank. Because there are no residences, businesses or major roadways that are located within the interfering contour or 1754 feet, Calvary Chapel of Twin Falls, Inc. respectfully requests a waiver of the FM translator contour overlap regulations with respect to second-adjacent channel station KXDD, Yakima.







STRUCTURE HEIGHT:	12.6 m	AGL	<b>Vertical Plane Sketch</b> Prepared for Calvary Chapel of Twin Falls, Inc. Date: 7/20/2011 City of License: Granger, WA State:
GROUND ELEVATION:	305 m	AMSL	
ANTENNA MODEL:	GPFM		
IS MOUNTED ON TOWER:	12.5 m	AGL	
SATELLITE DISH:	NA	AGL	
REC. AND TRANS. ANT.:	H.SEP.		



## Antenna Structure Registration

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[FCC Site Map](#)

### TOWAIR Determination Results

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A routine check of the coordinates, heights, and structure type you provided indicates that this structure does not require registration.

#### \*\*\* NOTICE \*\*\*

TOWAIR's findings are not definitive or binding, and we cannot guarantee that the data in TOWAIR are fully current and accurate. In some instances, TOWAIR may yield results that differ from application of the criteria set out in 47 C.F.R. Section 17.7 and 14 C.F.R. Section 77.13. A positive finding by TOWAIR recommending notification should be given considerable weight. On the other hand, a finding by TOWAIR recommending either for or against notification is not conclusive. It is the responsibility of each ASR participant to exercise due diligence to determine if it must coordinate its structure with the FAA. TOWAIR is only one tool designed to assist ASR participants in exercising this due diligence, and further investigation may be necessary to determine if FAA coordination is appropriate.

#### DETERMINATION Results

**PASS SLOPE(100:1): NO FAA REQ-RWY MORE THAN 10499 MTRS & 6301.73 MTRS (6.30170 KM) AWAY**

Type	C/R	Latitude	Longitude	Name	Address	Lowest Elevation (m)	Runway Length (m)
AIRP	R	46-19-38.00N	119-58-38.00W	SUNNYSIDE MUNI	YAKIMA SUNNYSIDE, WA	227.3	1043.3

#### Your Specifications

##### NAD83 Coordinates

Latitude: 46-18-20.3 north  
 Longitude: 120-03-10.4 west

##### Measurements (Meters)

Overall Structure Height (AGL): 12.5  
 Support Structure Height (AGL): 5.8  
 Site Elevation (AMSL): 305

##### Structure Type

TANK - Any type of Tank (Water, Gas, etc)

#### [Tower Construction Notifications](#)

Notify Tribes and Historic Preservation Officers of your plans to build a tower.

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