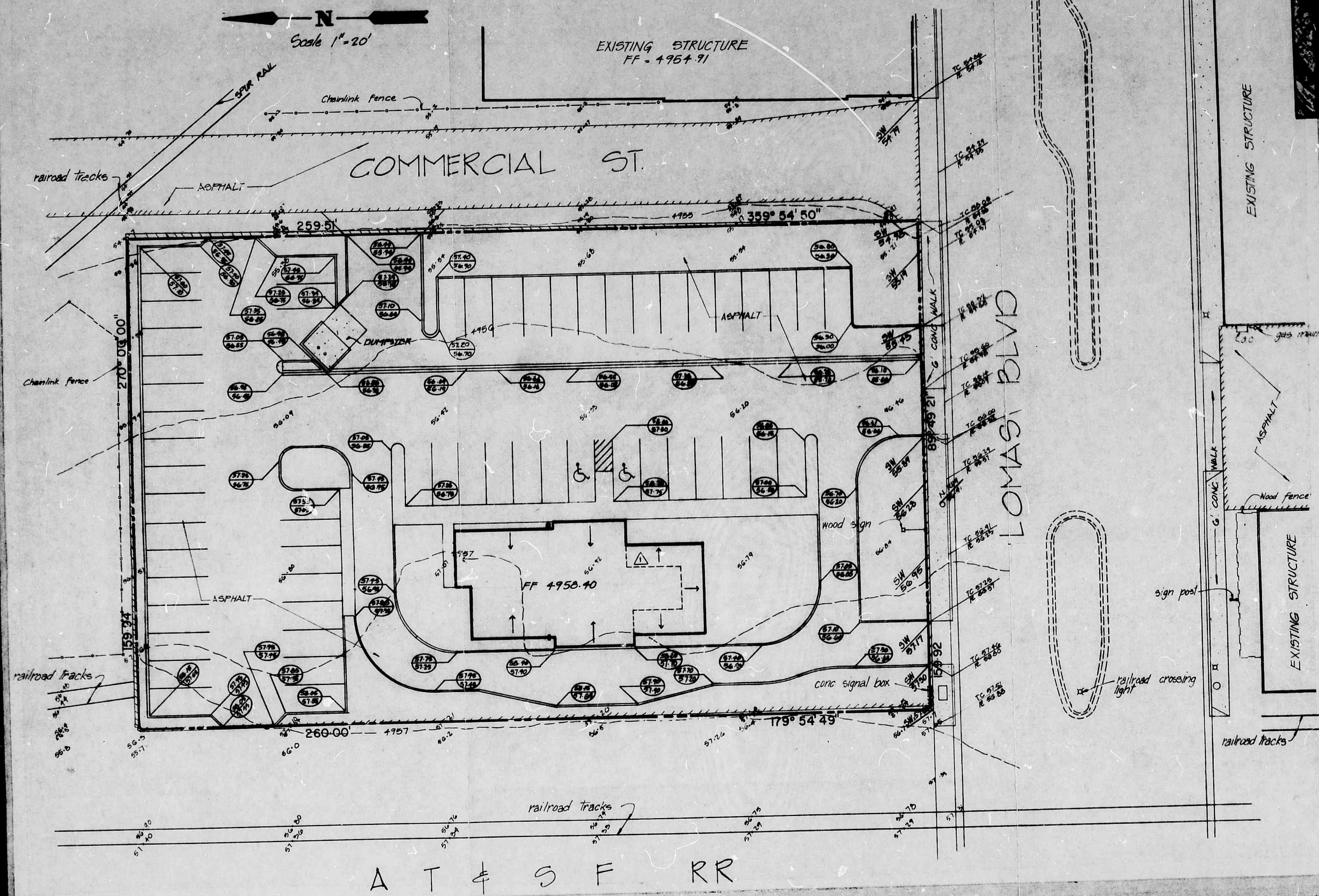




A T & S F RR

LEGEND

Exist. Elev.	50.0
Proposed Elev.	50.0
Top of Walk	T.W.
Top of Curb	T.C.
Top of Asphalt	T.A.
Finish Floor	F.F.
Exist. Contour	

PROJECT BENCHMARK
 USC&GS Brass Tablet Stamped
 224.25
 Elev. = 4958.56

ITEM
 FF of Exist. structure East Side of Commercial St.
 Elev. = 4954.91

EROSION CONTROL

- The Contractor shall be responsible for installation and maintenance of an erosion control system during the construction period.
- The system shall be constructed of materials selected by the Contractor and installed in such a manner to prevent the introduction of water borne material to public rights-of-way.
- Should material accidentally enter the public rights-of-way, it shall be the Contractor's responsibility to immediately remove the material.
- Reinforcement will include both the peak flow and the total volume from the parcel.

NOTE: ONLY STORM DRAINAGE IS SHOWN ON THIS CONTRACT. REFER TO DETAIL SHEETS.



905 3013
 MAP 30

OFFICE MEASUREMENTS

- There is no effluent flow entering the property in its current state.
- No flow will enter the site as a result of the proposed development.

ON-SITE MEASUREMENTS

- As per the preconstruction meeting with Staff, the site will accept discharge to an improved public facility.
- The entire lot is presently paved and discharges to a partially improved public facility.

HYDROLOGICAL DATA

Time of Concentration 10 minutes
 Use 2 - 10 Min DPM2.2-B
 6 Hr. rain = 2.2 DPM2.2-B-1
 100 = 4.65 in./hr. 22.25-2
 100 = 3.01 in./hr. 22.25-2

EXISTING CONDITION

100% Impervious
 Q100 = (0.95)(4.65)(41600/43560)
 = 4.2 cfs
 Q10 = (0.95)(3.01)(41600/43560)
 = 2.6 cfs

DEVELOPED CONDITION

80% Impervious
 20% Porous
 Q100 = ((0.85)(0.89)(0.40)(0.11))
 (4.65)(41600/43560)
 = 4.0 cfs
 Q10 = ((0.85)(0.89)(0.40)(0.11))
 (4.65)(41600/43560)
 = 2.6 cfs

VICINITY MAP J-14

LEGAL DESCRIPTION
 TRACT 196, MRSOLD MAP #37



FHDM
 PANEL 28

The site is not located in a designated 100 year Flood Hazard Zone

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 HYDROLOGY SECTION

GRAPHIC SCALE



NOTE:
 PLEASE REFER TO SHEET S-1 FOR LEGEND INFORMATION.
 SEE SHEETS C-5 THRU C-8 FOR SITE DETAILS.

J14/D57