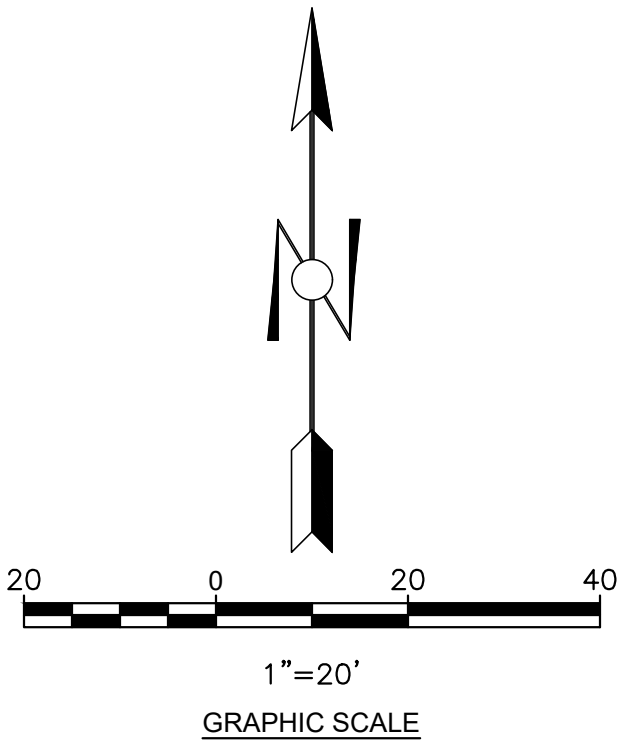
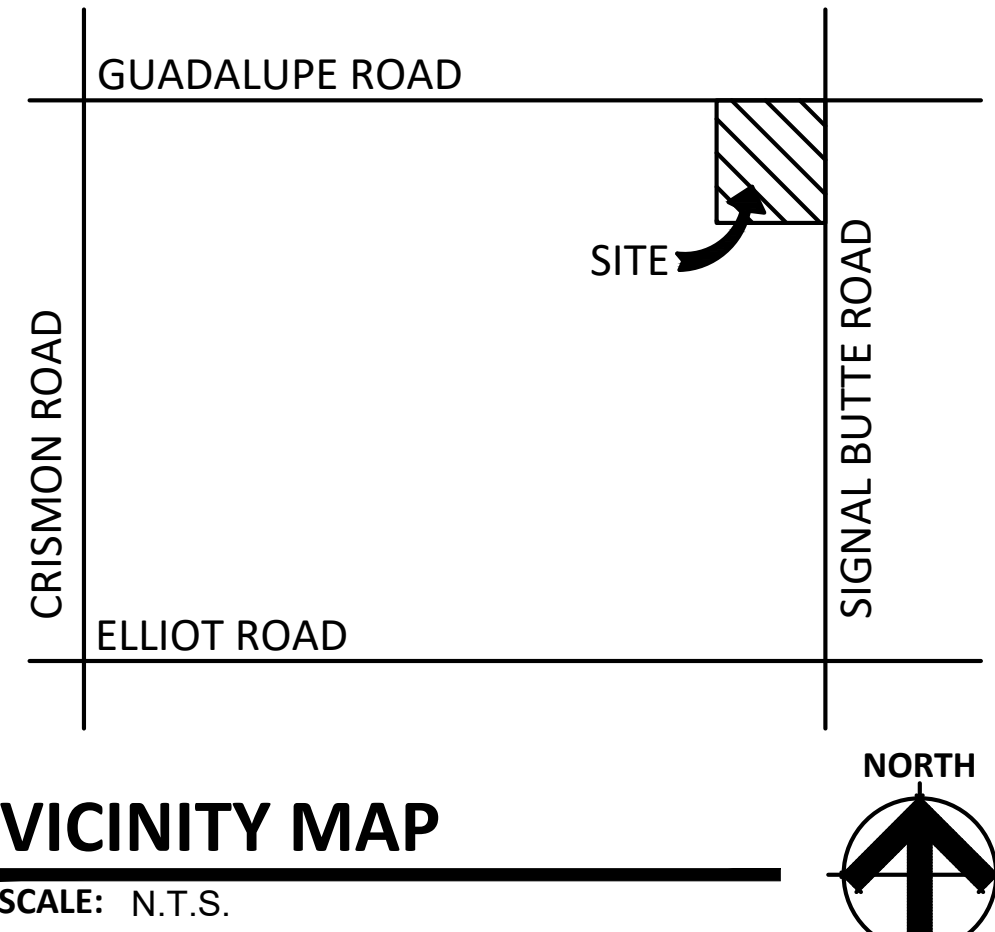
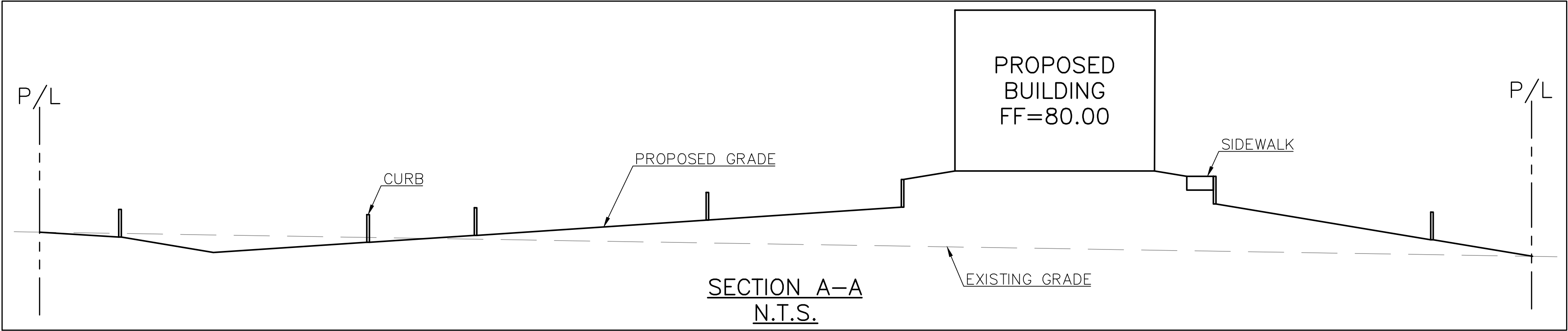
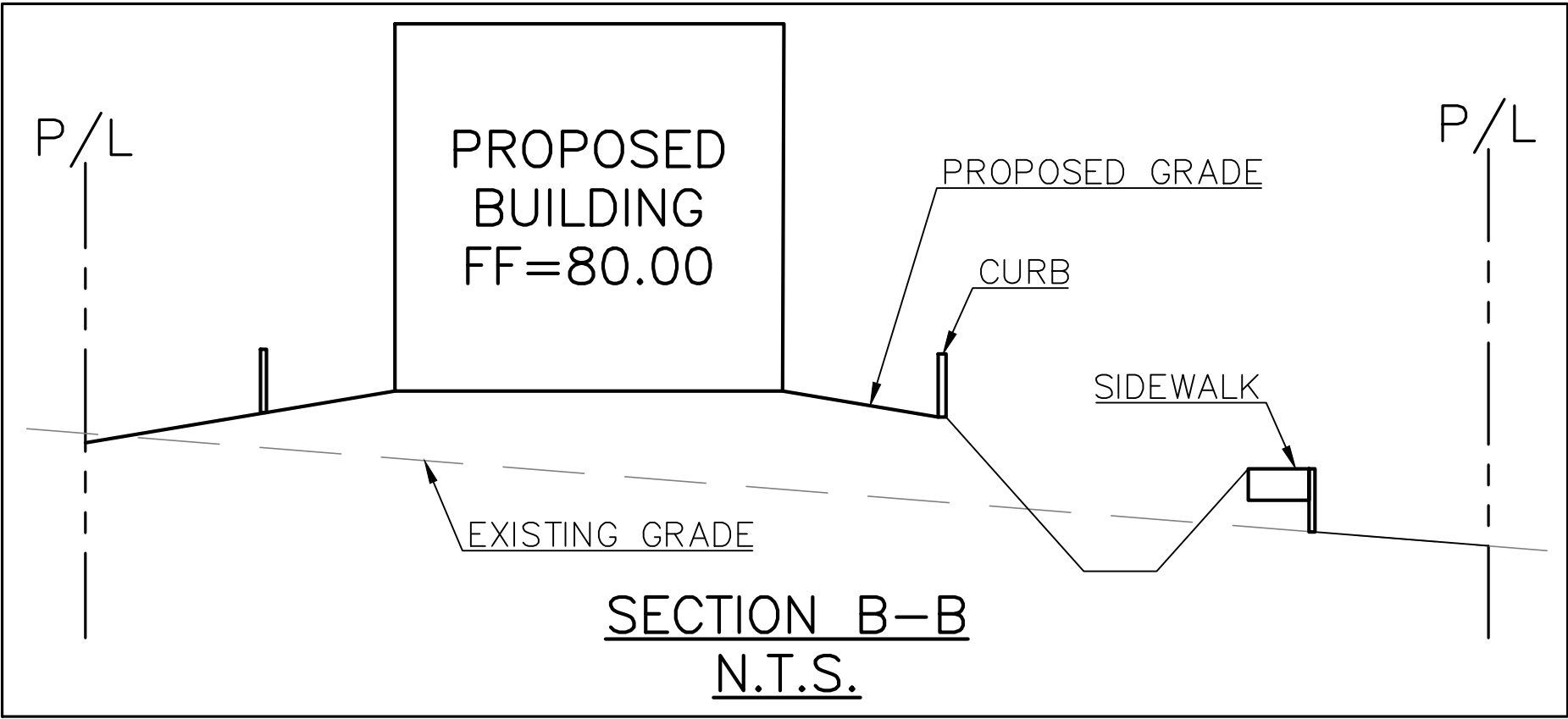
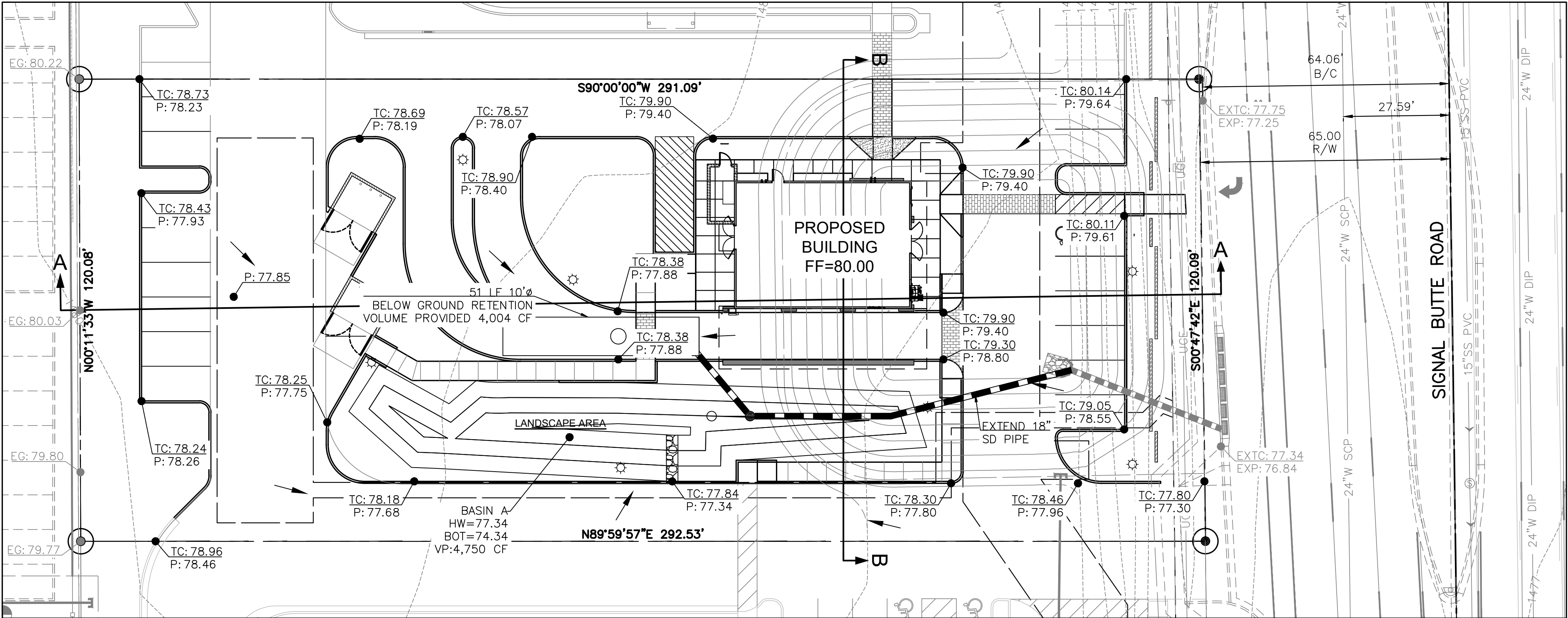




DRAINAGE CALCULATIONS:

V=C*P/12*A
OFFSITE SIGNAL BUTTE :
AREA: 2,940 CF
ONSITE:
AREA: 35,030 SF
AREA=35,030 SF
C=0.90
P=2.2
Vr=.90*2.2/12*35,030=5,780 CF
TOTAL RETENTION REQUIRED=8,720 CF
VOLUME PROVIDED:
1 LF 10"Ø PIPE = 78.5 CF
BASIN A = 4,750 CF
UNDERGROUND = 4,004 CF
TOTAL RETENTION PROVIDED = 8,754 CF

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project:

ANGELA'S SEAFOOD
2848 S. SIGNAL BUTTE ROAD
MESA, ARIZONA 85212

date: 10/14/21

issued for: ENTITLEMENTS SUBMITTAL

revision no.: date:

job no.: 21-055

sheet title: PRELIMINARY GRADING & DRAINAGE PLAN

sheet no.: C1