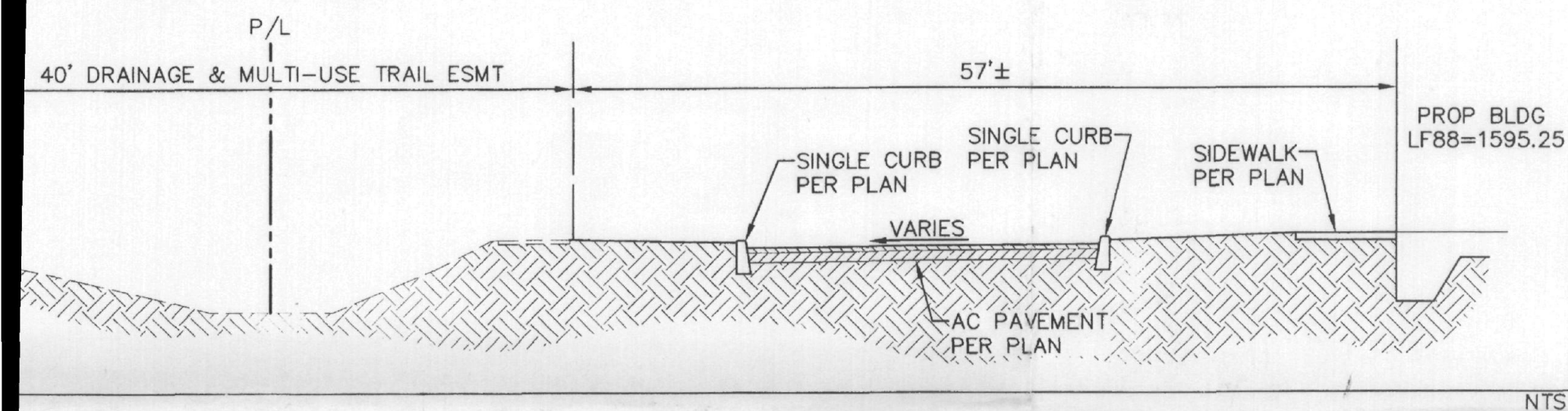


PLAIN DESIGNATION

DATE	PANEL # PANEL DATE	SUFFIX	DATE OF FIRM (INDEX DATE)	FIRM ZONE	BASE FLOOD ELEVATION
1245	H	9-30-05	ZONE AO	FLOOD DEPTHS OF 1 TO 3 FEET (USUALLY FEET FLOW ON SLOPING TERRAIN); AVERAGE DEPTHS DETERMINED FOR AREAS OF ALLUVIAL FAN FLOODING, VELOCITIES ALSO DETERMINED.	

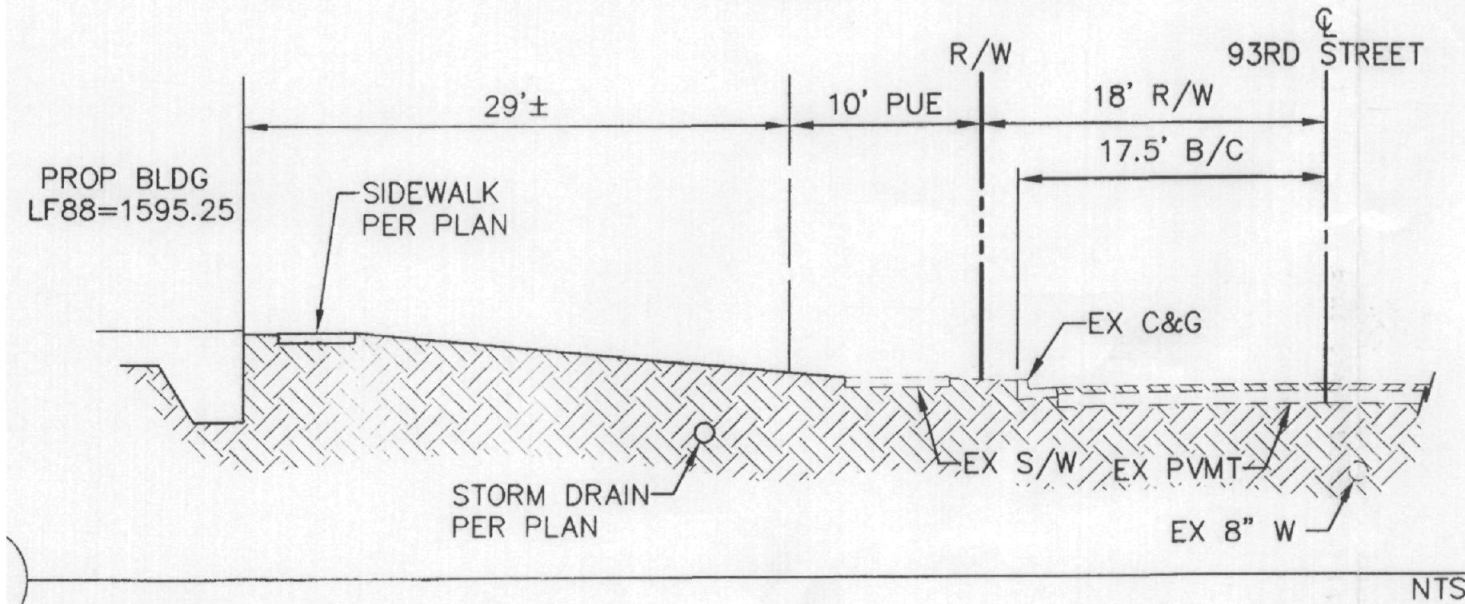
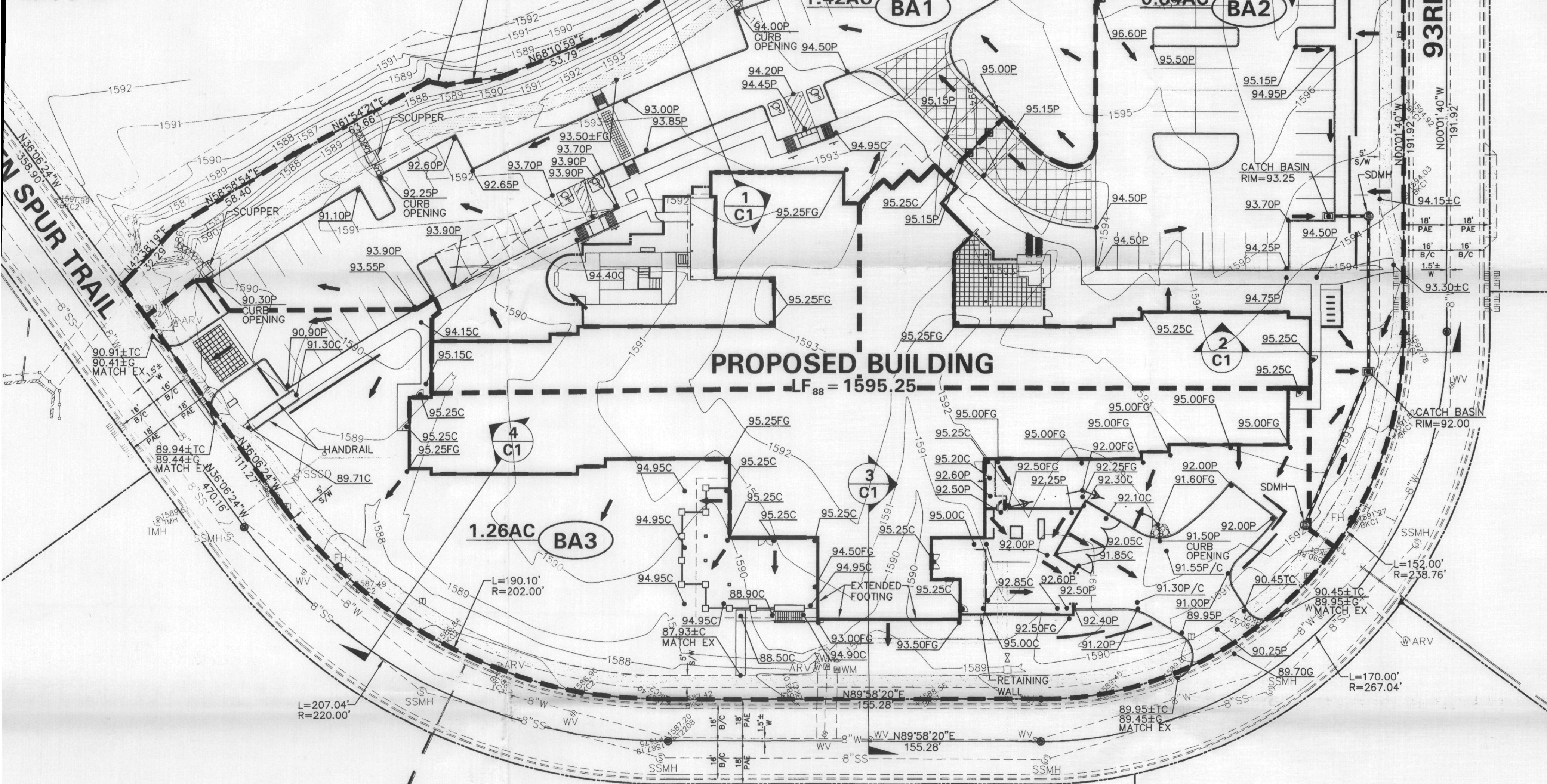
THE CERTIFICATION: THE LOWEST FLOOR ELEVATION(S) AND/OR FLOOD PROOFING ELEVATION(S) ON ARE SUFFICIENTLY HIGH TO PROVIDE PROTECTION FROM FLOODING CAUSED BY A ONE-HUNDRED YEAR FLOOD, AND ARE IN ACCORDANCE WITH CITY OF SCOTTSDALE REVISED CODE, CHAPTER 37 - FLOOD PLANS ORDINANCE.



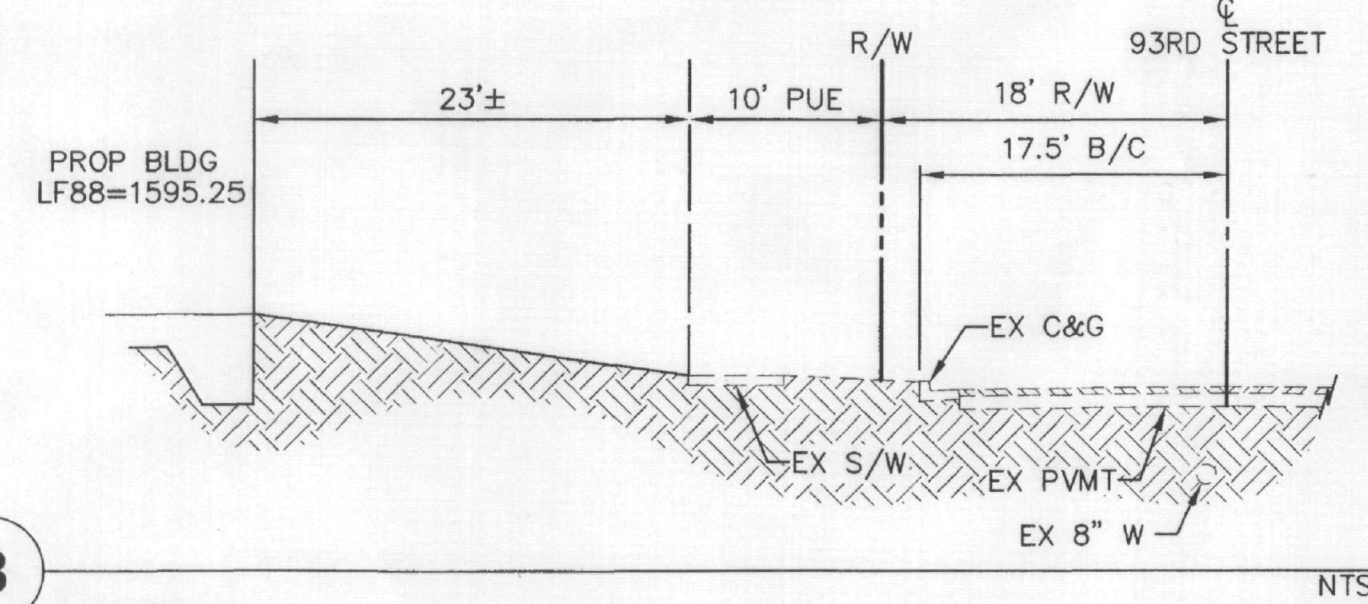
CUT & FILL QUANTITIES*

CUT:	1,941 CY
FILL:	5,455 CY
NET:	3,513 CY (FILL)

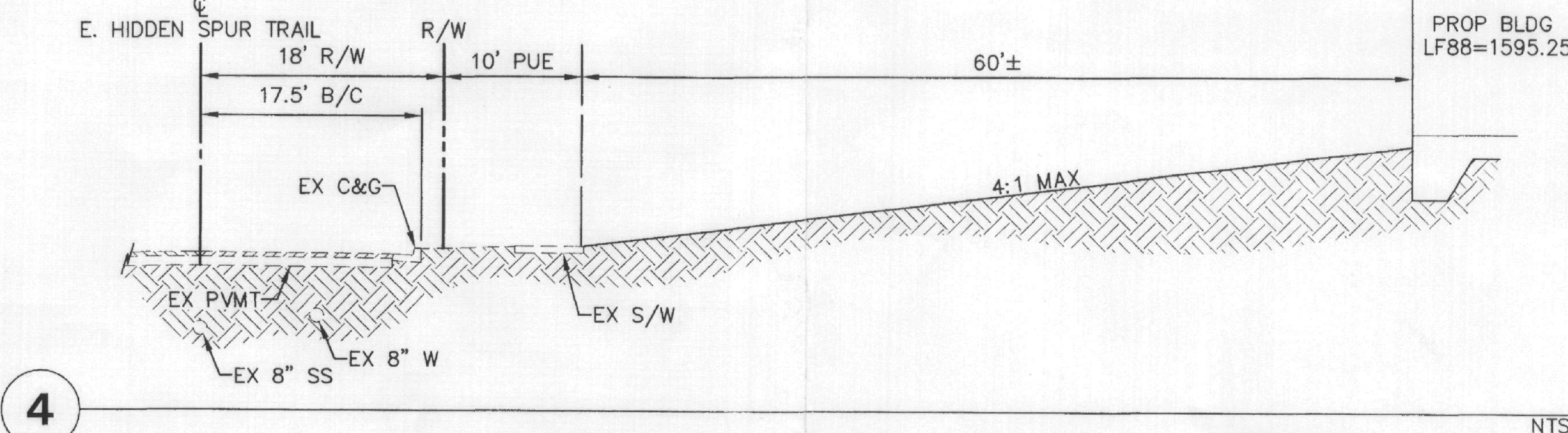
1. OBTAIN A HAUL ROUTE/ENCROACHMENT PERMIT WHEN ESTIMATED DIRT HAULS (DIRT, DEMOLITION DEBRIS, ETC.) OF 5,000 CUBIC YARDS OR MORE REQUIRE USE OF THE PUBLIC RIGHTS-OF-WAY.



3



NTS

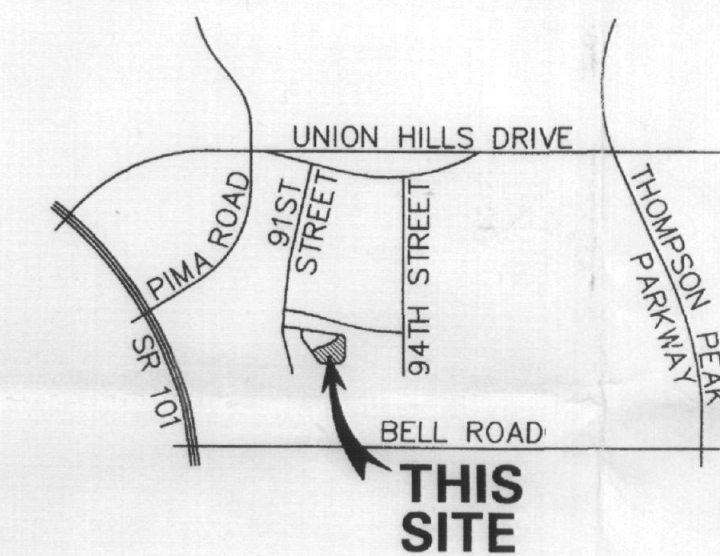


4

CONCEPTUAL GRADING & DRAINAGE PLAN FOR ASANTE' OF SCOTTSDALE

17490 N. 93RD STREET
SCOTTSDALE, ARIZONA

PART OF THE SOUTHWEST QUARTER OF SECTION 31, TOWNSHIP 4 NORTH, RANGE 5 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN MARICOPA COUNTY, ARIZONA



VICINITY MAP

CIVIL ENGINEER
HUNTER ENGINEERING, INC.
10450 N. 74TH STREET, SUITE #200
SCOTTSDALE, ARIZONA 85258
PHONE: (480) 991-3985
FAX: (480) 991-3986
CONTACT: LARRY TALBOTT

SHEET INDEX

CONCEPT GRADING AND DRAINAGE PLAN	C1
CONCEPT UTILITY PLAN	C2

EXISTING LEGEND

PROPERTY LINE	---
RIGHT-OF-WAY	---
MONUMENT LINE	---
EASEMENT LINE	---
MAJOR CONTOUR	---
MINOR CONTOUR	---
WATERLINE	---
SEWER LINE	---
STORM PIPE	---
SANITARY SEWER MANHOLE	⊗
WATER VALVE	⊗
WATER METER	⊗
FIRE HYDRANT	⊗
TELEPHONE RISER	⊗
ELECTRICAL RISER	⊗
WATER METER	⊗
SIGN	⊗
TELEPHONE MANHOLE	⊗
WATER MANHOLE	⊗
PALOVERDE TREE	⊗
SAGUARO CACTUS	⊗
SPOT ELEVATION	⊗
RIPRAP	⊗

PROPOSED LEGEND

EASEMENT	---
SEWER LINE	---
WATER LINE	---
FIRE LINE	---
DRAINAGE BOUNDARY	---
STORM LINE	---
GRADE BREAK	---
DIRECTION OF SLOPE	---
CATCH BASIN	---
SPOT ELEVATION	---
CLEANOUT	---
STORM MANHOLE	---
BACKFLOW DEVICE	---
FDC	---
SECTION CALLOUT	---

DRAINAGE NOTE

DRAINAGE IS IN ACCORDANCE WITH THE CORPORATE CENTER AT DC RANCH-KIVA #04-2823 FINAL DRAINAGE REPORTS. STORMWATER FROM COVEY LANE WILL FLOW TO 7TH STREET AND 8TH WAY AND 9TH PLACE WILL FLOW TO THE EXISTING CONCRETE CHANNEL ALONG THE SOUTH PROPERTY BOUNDARY.

BENCHMARK

CITY OF SCOTTSDALE BRASS CAP IN HANDHOLE (0.51' DOWN) AT THE INTERSECTION OF BELL ROAD & 104TH STREET
(COS GPS PT. 8052)
ELEVATION=1687.940 (NAVD 88' DATUM)

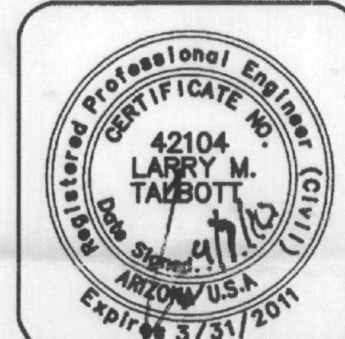
I HEREBY CERTIFY THAT ALL ELEVATIONS REPRESENTED ON THIS PLAN ARE BASED ON THE ELEVATION DATUM FOR THE CITY OF SCOTTSDALE BENCHMARK PROVIDED ABOVE.

NO.	DATE	REVISION	BY

DESIGN BY: JMH
DRAWN BY: RJM
CHECKED BY: JMH

OWNER
SANTO PARTNERS, LLC
11811 N. TATUM BOULEVARD, SUITE #3031
PHOENIX, ARIZONA 85028
PHONE: (480) 626-2272 EXT 115
FAX: (480) 383-383-6777
CONTACT: JORDAN WINTERS

ARCHITECT
TODD & ASSOCIATES
4019 N. 44TH STREET
PHOENIX, ARIZONA 85018
PHONE: (602) 952-8280
FAX: (602) 952-8995
CONTACT: CRAIG GOLDSTONE



CONCEPTUAL GRADING & DRAINAGE PLAN FOR ASANTE' OF SCOTTSDALE 17490 N. 93RD STREET SCOTTSDALE, ARIZONA

THESE PLANS ARE NOT APPROVED FOR CONSTRUCTION WITHOUT AN APPROVED SIGNATURE FROM THE GOVERNING MUNICIPALITY.

HE JOB NO.: TODD001

SCALE 1"=30'

SHEET C1