

DRAINAGE CERTIFICATION

I, MICHAEL J. BALASKOVITS, NMPE 18187, OF THE FIRM BOHANNAN HUSTON INC., HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 08-09-04 BY BRUCE STIDWORTHY, NMPE 14823. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY STEVE TOLER, NMPS 11599, OF THE FIRM SURVEYING CONTROL, INC. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 11-06-07 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR PERMANENT CERTIFICATE OF OCCUPANCY.

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

Michael Balaskovits
MICHAEL J. BALASKOVITS, NMPE 18187

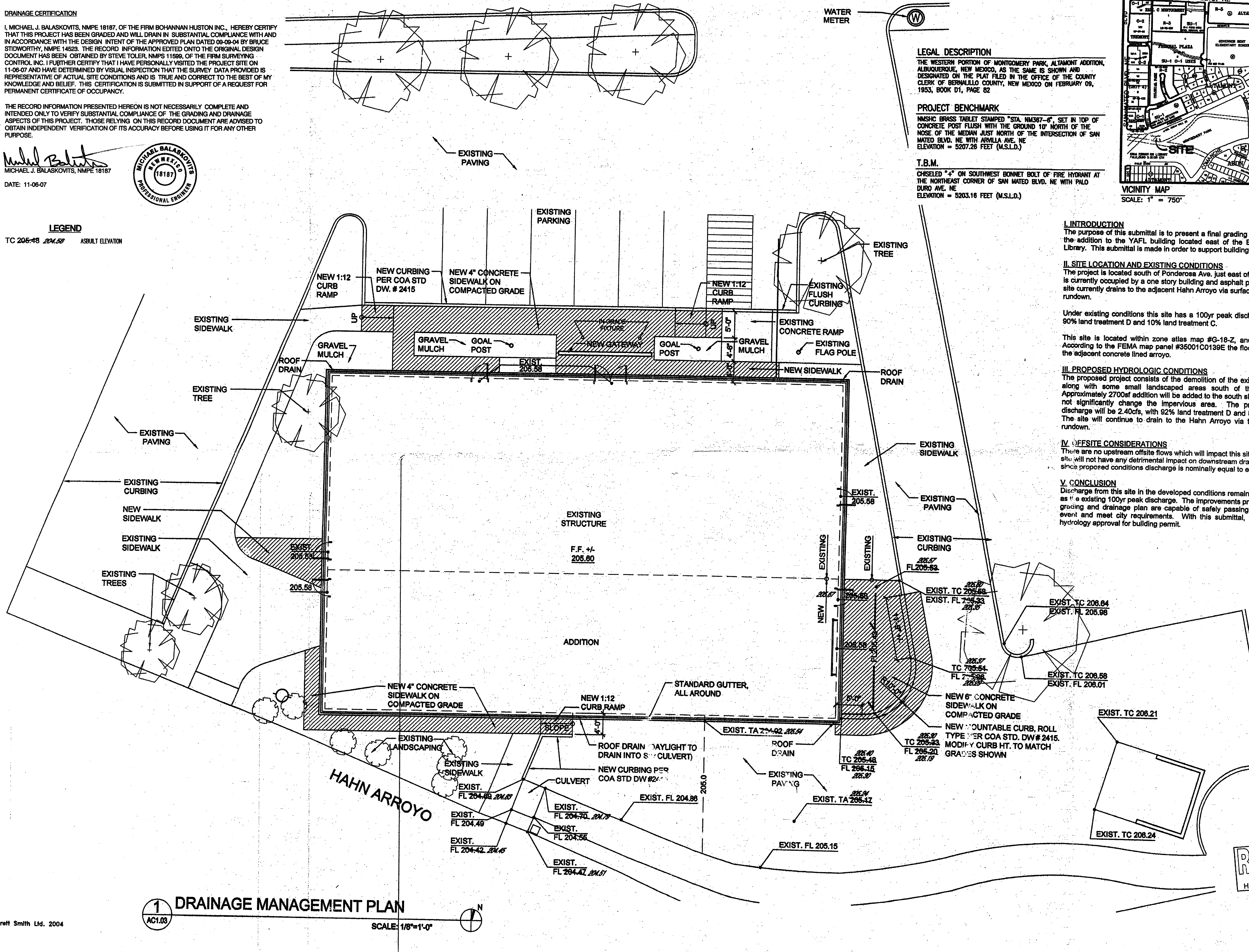
DATE: 11-06-07



LEGEND

TC 205.48 204.58 ASBUILT ELEVATION

PONDEROSA



LEGAL DESCRIPTION

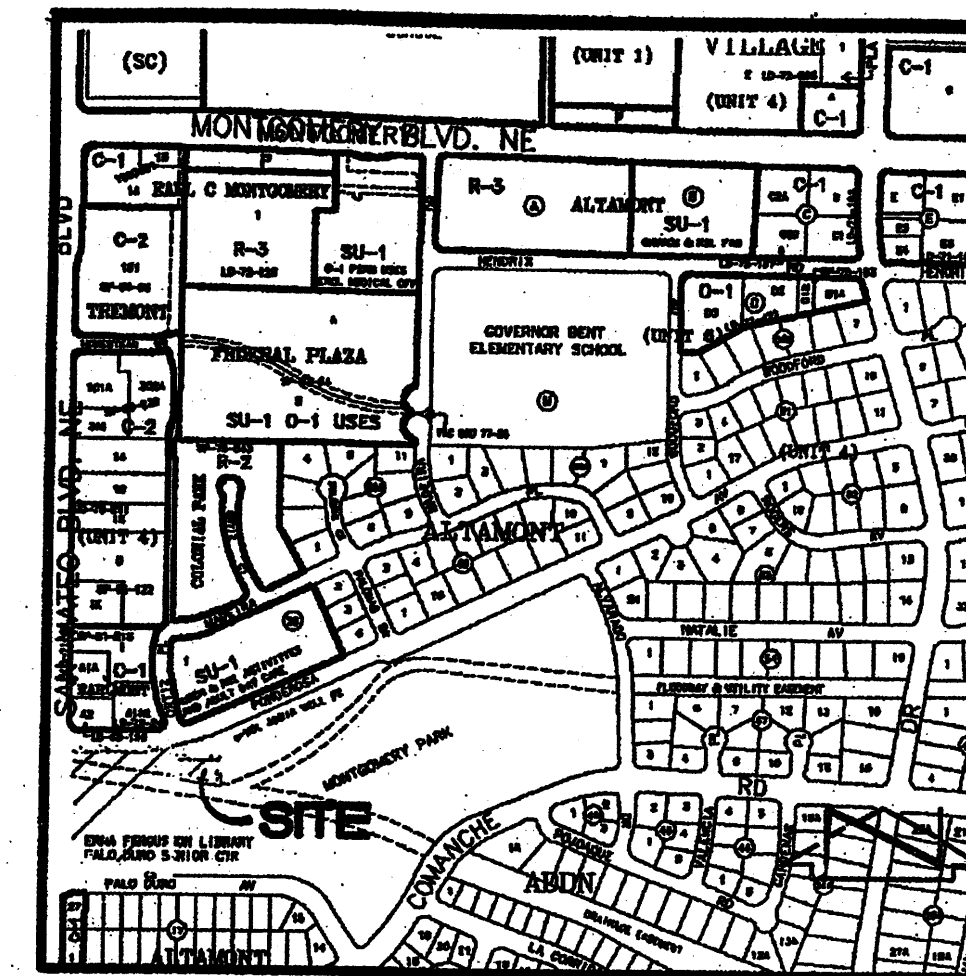
THE WESTERN PORTION OF MONTGOMERY PARK, ALAMONT ADDITION, ALBUQUERQUE, NEW MEXICO, AS THE SAME IS SHOWN AND DESIGNATED ON THE PLAT FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON FEBRUARY 09, 1953, BOOK DT, PAGE 62

PROJECT BENCHMARK

NMNSC BRASS TABLET STAMPED "STA. NM367-6", SET IN TOP OF CONCRETE POST FLUSH WITH THE GROUND 10' NORTH OF THE NOSE OF THE MEDIAN JUST NORTH OF THE INTERSECTION OF SAN MATEO BLVD. NE WITH ARVILLA AVE. NE
ELEVATION = 5207.28 FEET (M.S.L.D.)

T.B.M.

CHISELED "4" ON SOUTHWEST BONNET BOLT OF FIRE HYDRANT AT THE NORTHEAST CORNER OF SAN MATEO BLVD. NE WITH PALO DURO AVE. NE
ELEVATION = 5203.16 FEET (M.S.L.D.)



VICINITY MAP
SCALE: 1" = 750'

I. INTRODUCTION

The purpose of this submittal is to present a final grading and drainage plan for the addition to the YAFLL building located east of the Erna Ferguson Public Library. This submittal is made in order to support building permit approval.

II. SITE LOCATION AND EXISTING CONDITIONS

The project is located south of Ponderosa Ave. just east of San Mateo Blvd. and is currently occupied by a one story building and asphalt parking. The half acre site currently drains to the adjacent Hahn Arroyo via surface flow into a concrete runoff.

Under existing conditions this site has a 100yr peak discharge of 2.39cfs, with 90% land treatment D and 10% land treatment C.

This site is located within zone atlas map #G-18-Z, and hydrologic zone 3. According to the FEMA map panel #35001C0139E the floodplain is confined to the adjacent concrete lined arroyo.

III. PROPOSED HYDROLOGIC CONDITIONS

The proposed project consists of the demolition of the existing asphalt parking along with some small landscaped areas south of the existing building. Approximately 2700sf addition will be added to the south side. This addition will not significantly change the impervious area. The proposed 100yr peak discharge will be 2.40cfs, with 92% land treatment D and 8% land treatment C. The site will continue to drain to the Hahn Arroyo via the existing concrete runoff.

IV. OFFSITE CONSIDERATIONS

There are no upstream offsite flows which will impact this site. In addition, the site will not have any detrimental impact on downstream drainage infrastructure since proposed conditions discharge is nominally equal to existing.

V. CONCLUSION

Discharge from this site in the developed conditions remains relatively the same as the existing 100yr peak discharge. The improvements proposed with this final grading and drainage plan are capable of safely passing the 100 year storm event and meet city requirements. With this submittal, we are seeking city hydrology approval for building permit.

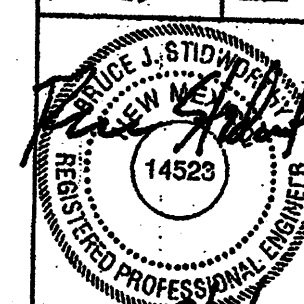
Bohannon Huston

Contract One 7500 Jefferson NE Albuquerque, NEW MEXICO 87109

ENGINEERS: RAINIER PHOTOGRAMMETRICS SURVEYS SOFTWARE DEVELOPERS

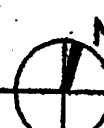
YOUNG AMERICA FOOTBALL LEAGUE BUILDING
5300 PONDEROSA NE, ALBUQUERQUE, NEW MEXICO

DRAINAGE MANAGEMENT PLAN



DRWN. BY: JELM
DATE: 09/01/04

AC1.03



PONDEROSA

WATER METER

LEGAL DESCRIPTION

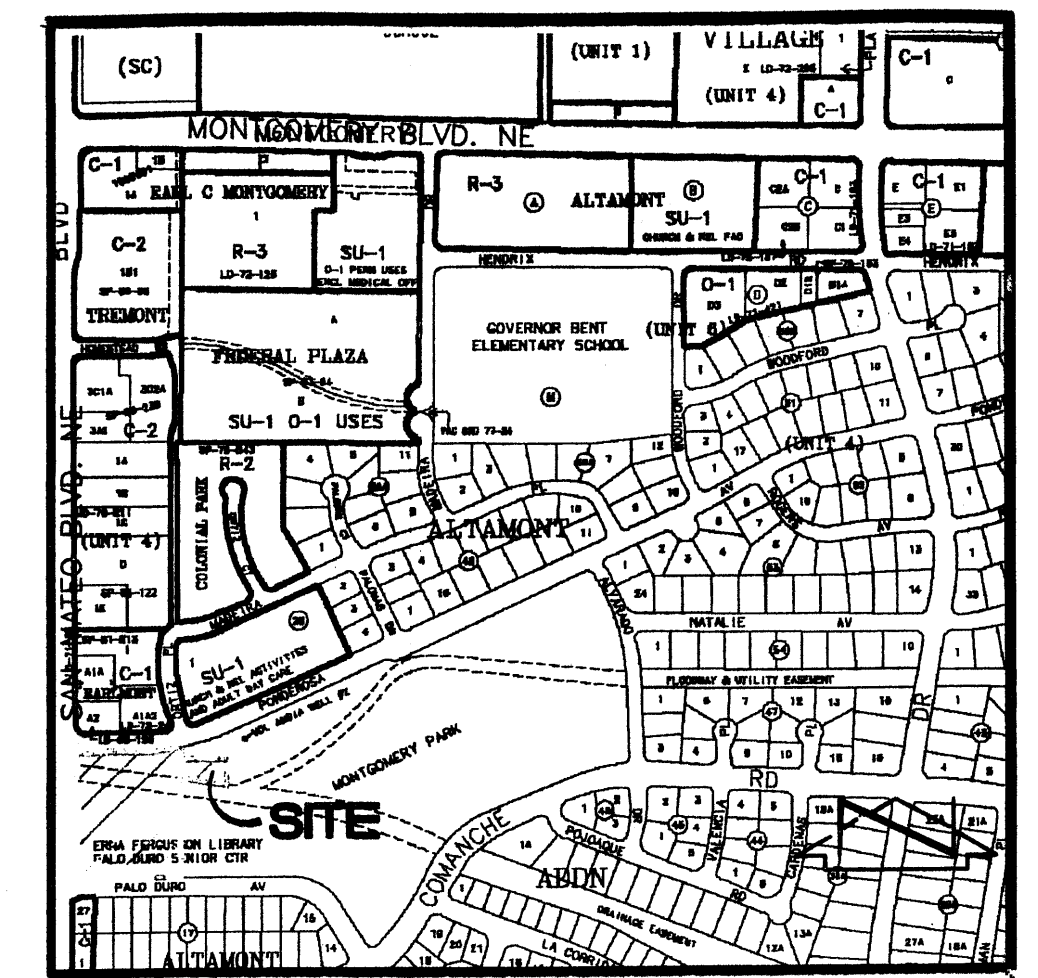
THE WESTERN PORTION OF MONTGOMERY PARK, ALTAMONT ADDITION, ALBUQUERQUE, NEW MEXICO, AS THE SAME IS SHOWN AND DESIGNATED ON THE PLAT FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON FEBRUARY 09, 1953, BOOK D1, PAGE 82

PROJECT BENCHMARK

NM5HC BRASS TABLET STAMPED "STA. NM367-6", SET IN TOP OF CONCRETE POST FLUSH WITH THE GROUND 10' NORTH OF THE NOSE OF THE MEDIAN JUST NORTH OF THE INTERSECTION OF SAN MATEO BLVD. NE WITH ARVILLA AVE. NE
ELEVATION = 5207.26 FEET (M.S.L.D.)

T.B.M.

CHISELED "4" ON SOUTHWEST BONNET BOLT OF FIRE HYDRANT AT THE NORTHEAST CORNER OF SAN MATEO BLVD. NE WITH PALO DURO AVE. NE
ELEVATION = 5203.16 FEET (M.S.L.D.)



VICINITY MAP
SCALE: 1" = 750'

REVISIONS

514 CENTRAL SW
ALBUQUERQUE
NEW MEXICO
8 7 1 0 2
505/766-6968
FAX/243-4508

GARRETT SMITH LTD.
ARCHITECTURE & DEVELOPMENT

I. INTRODUCTION

The purpose of this submittal is to present a final grading and drainage plan for the addition to the YAFL building located east of the Erna Ferguson Public Library. This submittal is made in order to support building permit approval.

II. SITE LOCATION AND EXISTING CONDITIONS

The project is located south of Ponderosa Ave. just east of San Mateo Blvd. and is currently occupied by a one story building and asphalt parking. The half acre site currently drains to the adjacent Hahn Arroyo via surface flow into a concrete runoff.

Under existing conditions this site has a 100yr peak discharge of 2.39cfs, with 90% land treatment D and 10% land treatment C.

This site is located within zone atlas map #G-18-Z, and hydrologic zone 3. According to the FEMA map panel #35001C0139E the floodplain is confined to the adjacent concrete lined arroyo.

III. PROPOSED HYDROLOGIC CONDITIONS

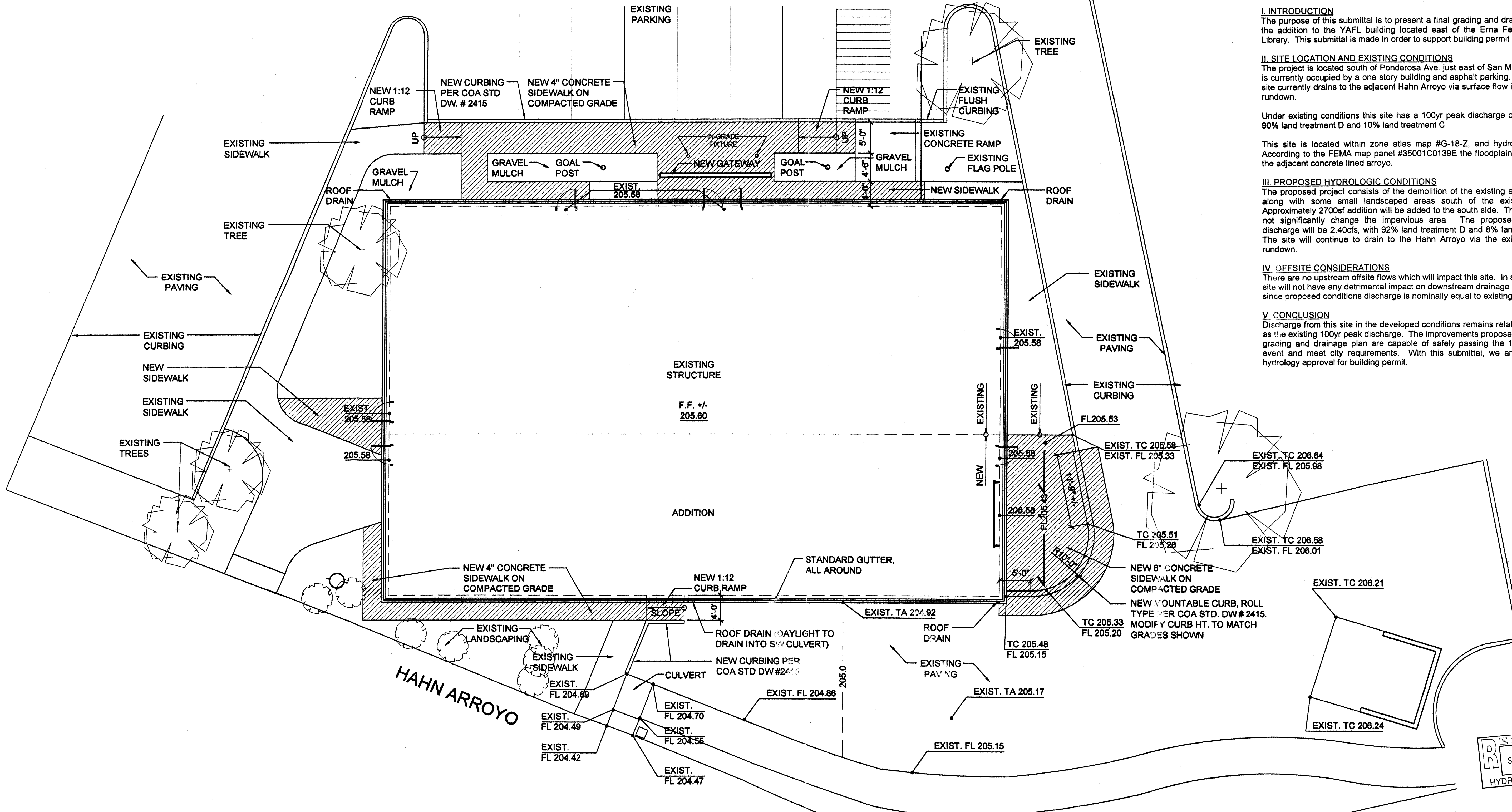
The proposed project consists of the demolition of the existing asphalt parking along with some small landscaped areas south of the existing building. Approximately 2700sf addition will be added to the south side. This addition will not significantly change the impervious area. The proposed 100yr peak discharge will be 2.40cfs, with 92% land treatment D and 8% land treatment C. The site will continue to drain to the Hahn Arroyo via the existing concrete runoff.

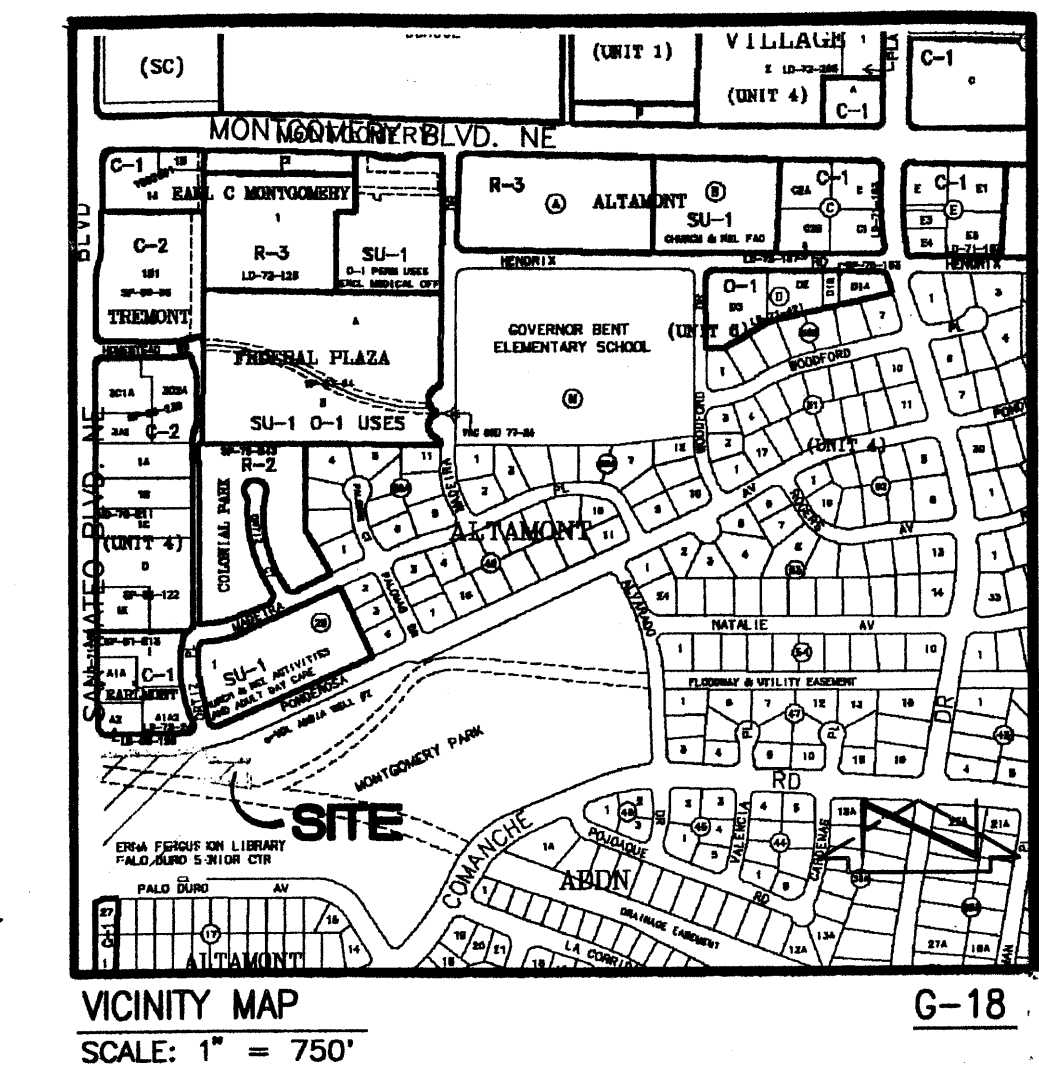
IV. OFFSITE CONSIDERATIONS

There are no upstream offsite flows which will impact this site. In addition, the site will not have any detrimental impact on downstream drainage infrastructure since proposed conditions discharge is nominally equal to existing.

V. CONCLUSION

Discharge from this site in the developed conditions remains relatively the same as the existing 100yr peak discharge. The improvements proposed with this final grading and drainage plan are capable of safely passing the 100 year storm event and meet city requirements. With this submittal, we are seeking city hydrology approval for building permit.





REVISIONS
514 CENTRAL SW ALBUQUERQUE NEW MEXICO 8 7 1 0 2 505/766-6968 FAX/243-4508
GARRETT SMITH LTD DESIGN, ARCHITECTURE & DEVELOPMENT

BRUCE J. TIDWORTH
NEW MEXICO
14523
REGISTERED PROFESSIONAL ENGINEER
9/9/04

AC1.03