

FACILITY ACCESSIBILITY
ALL SURFACES ALONG THE ACCESSIBLE ROUTE SHALL COMPLY WITH ANSI A117-1998.

WALKING SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT. THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20 WITH A CROSS SLOPE NOT STEEPER THAN 1:48.

CURB RAMP AND RAMP RUNS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12 WITH A CROSS SLOPE NOT STEEPER THAN 1:48. COUNTER SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO THE CURB RAMP OR ACCESSIBLE ROUTE SHALL NOT BE STEEPER THAN 1:20. TRANSITIONS FROM RAMP TO WALKS, GUTTERS OR STREETS SHALL BE AT THE SAME LEVEL. WHERE PEDESTRIANS MUST WALK ACROSS A CURB RAMP, THE RAMP SHALL HAVE FLARED SIDES WITH SLOPES NOT STEEPER THAN 1:10. WHERE THE TOP OF THE RAMP PARALLEL TO THE RUN OF THE RAMP IS LESS THAN 48 INCHES WIDE, THE FLARED SIDES SHALL HAVE A SLOPE NOT STEEPER THAN 1:12.

HANDICAP PARKING SPACES AND ACCESS AISLES SHALL HAVE SURFACE SLOPES NOT STEEPER THAN 1:48. ACCESS AISLES SHALL BE AT THE SAME LEVEL AS THE PARKING SPACES THEY SERVE.

TRAFFIC CONTROL
THE CONTRACTOR SHALL PROVIDE ALL REQUIRED TRAFFIC CONTROL PLANS AND DEVICES. ALL SIGNS, BARRICADES, CHANNELIZATION DEVICES, SIGN FRAMES AND ERECTION OF SUCH DEVICES SHALL CONFORM TO THE REQUIREMENTS OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" LATEST EDITION. PRIOR TO CONSTRUCTION PRIOR TO CONSTRUCTION, THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED AND APPROVED BY THE GOVERNING AUTHORITY.

- CONSTRUCTION NOTES
1. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CALL FOR LOCATION OF EXISTING UTILITIES.
 2. ALL WORK WITHIN THE CITY RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.
 3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS, LAWS, AND RULES CONCERNING SAFETY AND HEALTH.
 4. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY THE EXISTING SITE CONDITIONS AND INFORM THE ARCHITECT/ENGINEER OF ANY DISCREPANCY BETWEEN THE INFORMATION SHOWN ON THE PLANS AND THOSE OF THE EXISTING SITE.
 5. THE CONTRACTOR SHALL PROVIDE THE ARCHITECT / ENGINEER WITH AN AS BUILT SURVEY FOR ENGINEER'S CERTIFICATION.
 6. THE CONTRACTOR SHALL MAINTAIN A RECORD DRAWING SET OF PLANS AND PROMPTLY LOCATE EXISTING AND NEW ELEVATIONS (FINISH FLOORS, TOPS OF CURBS AND ASPHALT, FLOW LINE, PIPE INVERTS, ETC.), ON THE RECORD SET. THE RECORD SET SHALL BE MAINTAINED ON THE PROJECT SITE AND SHALL BE AVAILABLE TO THE OWNER AND ARCHITECT AT ANY TIME DURING CONSTRUCTION. UPON COMPLETION OF THE PROJECT, THE RECORD SET SHALL BE TURNED OVER TO THE OWNER.
 7. THE OWNER / CONTRACTOR SHALL SUBMIT A NOTICE OF INTENT (NOI) TO THE EPA PRIOR TO BEGINNING OF CONSTRUCTION.
 8. CONTRACTOR SHALL COMPLY WITH STORM WATER POLLUTION PREVENTION PLAN (SWPPP) SPECIFIC TO THIS PROJECT.

DRAINAGE PLAN

THE PROPOSED IMPROVEMENTS AS SHOWN BY THE VICINITY MAP, ARE LOCATED ON THE NORTH SIDE OF PASEO DEL NORTE WEST OF JEFFERSON. THE SITE IS DEVELOPED AND SLOPES TO THE EAST TO THE EXISTING DRAINAGE INLET TO THE NORTH DIVERSION CHANNEL. ACCORDING TO FIRM PANEL 136F THE SITE DOES NOT LIE WITHIN A FLOOD HAZARD ZONE.

THE SITE IS PART OF THE BRADBURY STAM HEIGHTS MASTER DRAINAGE PLAN PREPARED BY BOHANNAN HOUSTON. THE PROPOSED ADDITION IS LOCATED WITHIN BASIN B4 OF THE MASTER PLAN, AND IS LOCATED OVER THE EXISTING PAVED AREA, THEREFORE NO SIGNIFICANT CHANGE IN RUNOFF ARE ANTICIPATED.

THE NORTH DIVERSION CHANNEL IS LOCATED ALONG THE NORTH AND WEST PROPERTY LINES, AND THE EXISTING CURB AND GUTTER ALONG PASEO DEL NORTE TO THE SOUTH BLOCK FLOWS FROM THOSE DIRECTIONS. THE SITE IS HIGHER THAN THE LAND TO THE EAST, THEREFORE OFFSITE FLOWS ARE CONSIDERED INSIGNIFICANT.

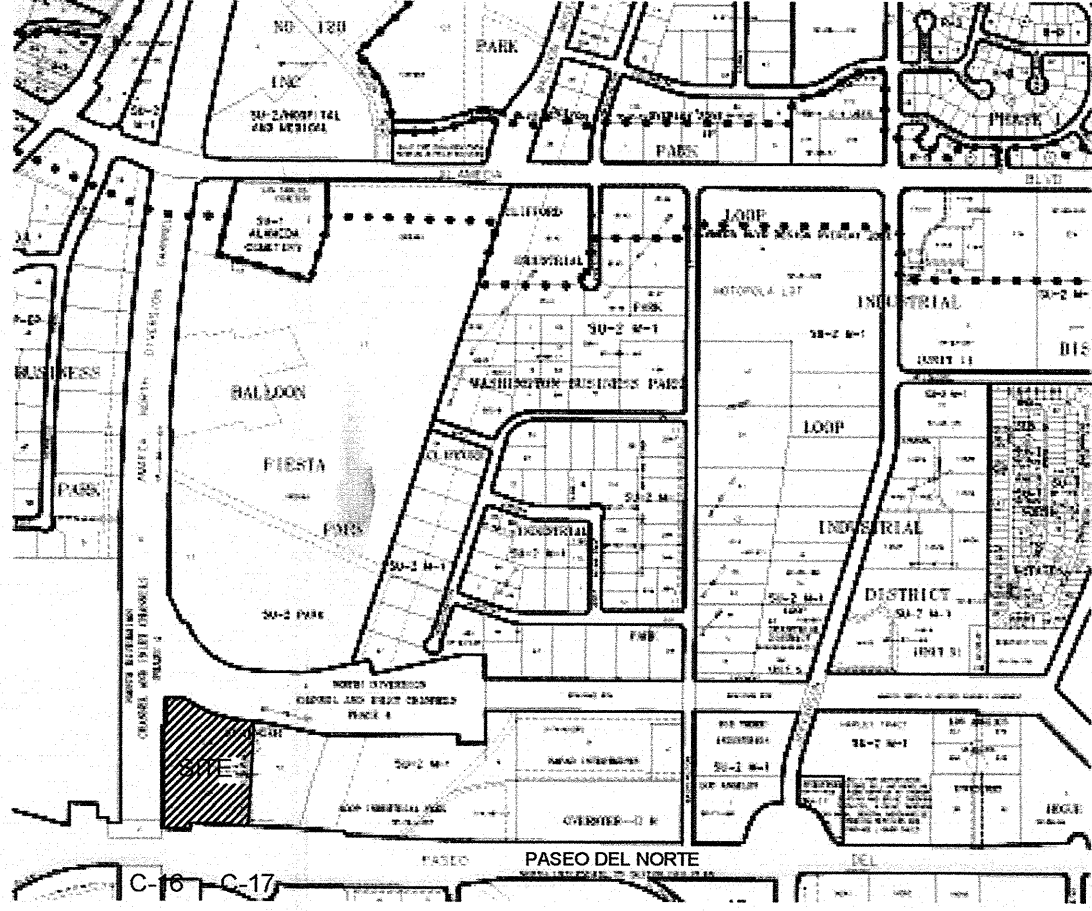
THE PROPOSED IMPROVEMENTS CONSIST OF A 1553 SF ADDITION TO THE EXISTING SHOP FACILITY LOCATED ALONG THE NORTH PROPERTY LINE. NO ADDITIONAL PARKING NOR LANDSCAPING ARE ANTICIPATED. AS SHOWN BY THE CALCULATION THE PROPOSED DEVELOPMENT WILL INCREASE THE RATE AND VOLUME OF RUNOFF. THE EXISTING RATE OF DISCHARGE IS 25.31 CFS (4.03 CFS/ACRE). NO PONDING IS ANTICIPATED FOR THE SITE.

THE CALCULATIONS ANALYZE THE EXISTING AND PROPOSED CONDITIONS FOR 6-HOUR, 100 YEAR RAINFALL EVENT. THE ANALYSIS IS IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL VOLUME II.

CALCULATIONS
PRECIPITATION ZONE = 2
TOTAL SITE AREA = 6.279 ACRES

EXISTING CONDITIONS
LAND TREATMENT B=15% C=20% D=65%
E = $0.78(0.14)+1.13(0.20)+2.12(0.65) = 1.72$ INCHES
V = $1.72(6.279) / 12 = 0.902$ ACRE FEET
Q = $(2.28(0.14)+3.14(0.20)+4.70(0.65))(6.279) = 25.3$ CFS

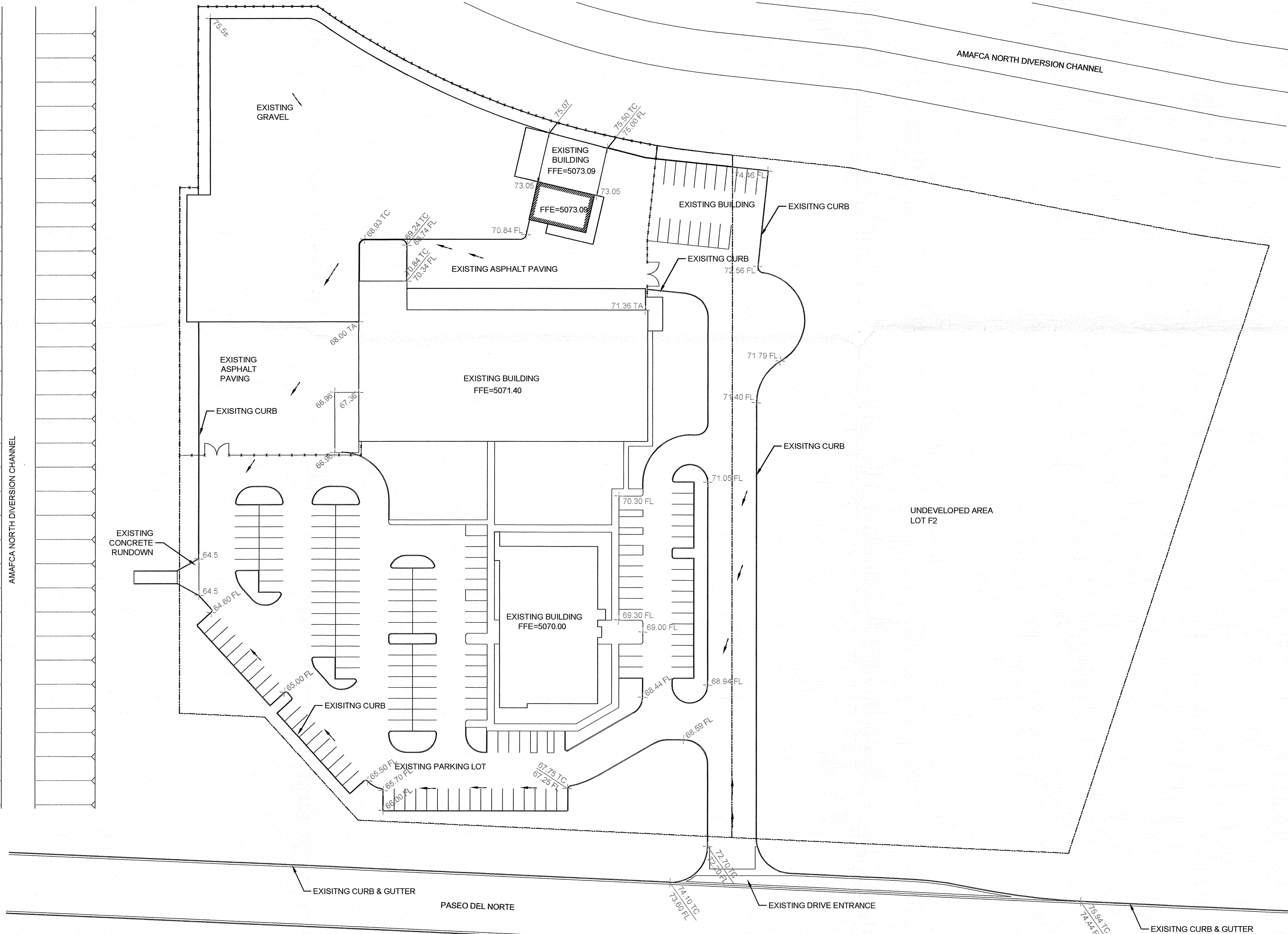
INCREASE IN VOLUME OF RUNOFF = 0.0 ACRE FT
INCREASE IN RATE OF RUNOFF = 0.0 CFS



D1 VICINITY MAP
NOT TO SCALE
C16 & C17
FILE C17/D019

LEGAL DESCRIPTION:
TRACK F1A & F1B, LAND OF SPRINGER CORPORATION
ADDRESS:
3711 PASEO DEL NORTE, ALBUQUERQUE, NM

- LEGEND:
- | | | | |
|--------------------|-------------------------|----------------|----------------------|
| 93.1 | EXISTING SPOT ELEVATION | FL | FLOW LINE |
| 51.00 | NEW SPOT ELEVATION | GND | GROUND |
| 51 | EXISTING CONTOUR | INV | INVERT |
| 51 | NEW CONTOUR | TA | TOP OF ASPHALT |
| SWALE | | TC | TOP OF CURB |
| VERIFIED ELEVATION | | TG | TOP OF GRATE |
| AS BUILT ELEVATION | | TS | TOP OF CONCRETE SLAB |
| BASIN BOUNDARY | | TW | TOP OF WALL |
| PROPERTY LINE | | TBM | TEMPORARY BENCH MARK |
| | | GRAVEL | GRAVEL |
| | | ASPHALT PAVING | ASPHALT PAVING |
| | | CONCRETE | CONCRETE |



A1 SITE GRADING PLAN
1"=50'-0"

j arthur bleszen engineering
architect engineer

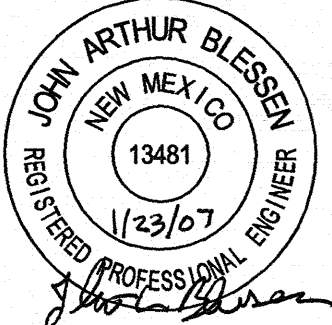
11930 Menaul Suite 109
Albuquerque, NM 87112
(505) 293-1477



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REMODEL AND NEW ADDITION
OGB-ARCHITECTURAL MILLWORK
PASEO DEL NORTE, N.E.
ALBUQUERQUE, NEW MEXICO

ENGINEER SEAL



PROJECT

REVISIONS

DATE JANUARY 23, 2007

NORTH SCALE

DRAWING NAME

GRADING PLAN