

VICINITY MAP: C-17-Z

**LEGAL DESCRIPTION:**  
 TRACT 3B-2-A, LANDS OF IHS ACQUISITION NO. 120, INC.  
 CONTAINING 4.6876 ACRES  
 ZONING: SU-2  
 ADDRESS: 8820 HORIZON BLVD., NE

- GENERAL NOTES:**
1. CONTOUR INTERVAL IS HALF (1.00) FOOT.
  2. ELEVATIONS ARE BASED ON CITY OF ALBUQUERQUE CONTROL STATION 14-C16, HAVING AN ELEVATION OF 5024.89 FEET ABOVE SEA LEVEL.
  3. UTILITIES SHOWN HEREON ARE IN THEIR APPROXIMATE LOCATION BASED ONLY ON ABOVE GROUND EVIDENCE FOUND IN THE FIELD AND AS-BUILT INFORMATION PROVIDED BY THE CLIENT. UTILITIES SHOWN HEREON, WHETHER INDICATED AS ABANDONED OR NOT, SHALL BE VERIFIED BY OTHERS FOR EXACT LOCATION AND/OR DEPTH PRIOR TO EXCAVATION OR DESIGN CONSIDERATIONS.
  4. THIS IS NOT A BOUNDARY SURVEY, BEARINGS ARE ASSUMED, DISTANCES AND FOUND PROPERTY CORNERS ARE FOR INFORMATIONAL PURPOSES ONLY.
  5. SLOPES ARE AT 3:1 MAXIMUM.

- NOTICE TO CONTRACTORS**
1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
  2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985.
  3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
  4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
  5. BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE.
  6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
  7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

**LEGEND**

---	EXISTING CONTOUR (MAJOR)
---	EXISTING CONTOUR (MINOR)
---	BOUNDARY LINE
x 28.50	PROPOSED SPOT ELEVATION
x 5029.16	EXISTING GRADE
x 5075.65	EXISTING FLOWLINE ELEVATION
█	PROPOSED RETAINING WALL
BC=89.08	BOTTOM OF CHANEL
TC=28.50	TOP OF CURB
TA=28.00	TOP OF ASPHALT
HP	HIGH POINT
86.65	AS-BUILT GRADES
85.47	AS-BUILT SPOT ELEVATIONS
x 86.65	AS-BUILT SPOT ELEVATIONS



REZA AFGHPOUR  
 P.E. #11814

**SBS CONSTRUCTION AND ENGINEERING, LLC**

10209 SNOWFLAKE CT., NW  
 ALBUQUERQUE, NEW MEXICO 87114  
 (505)899-5570

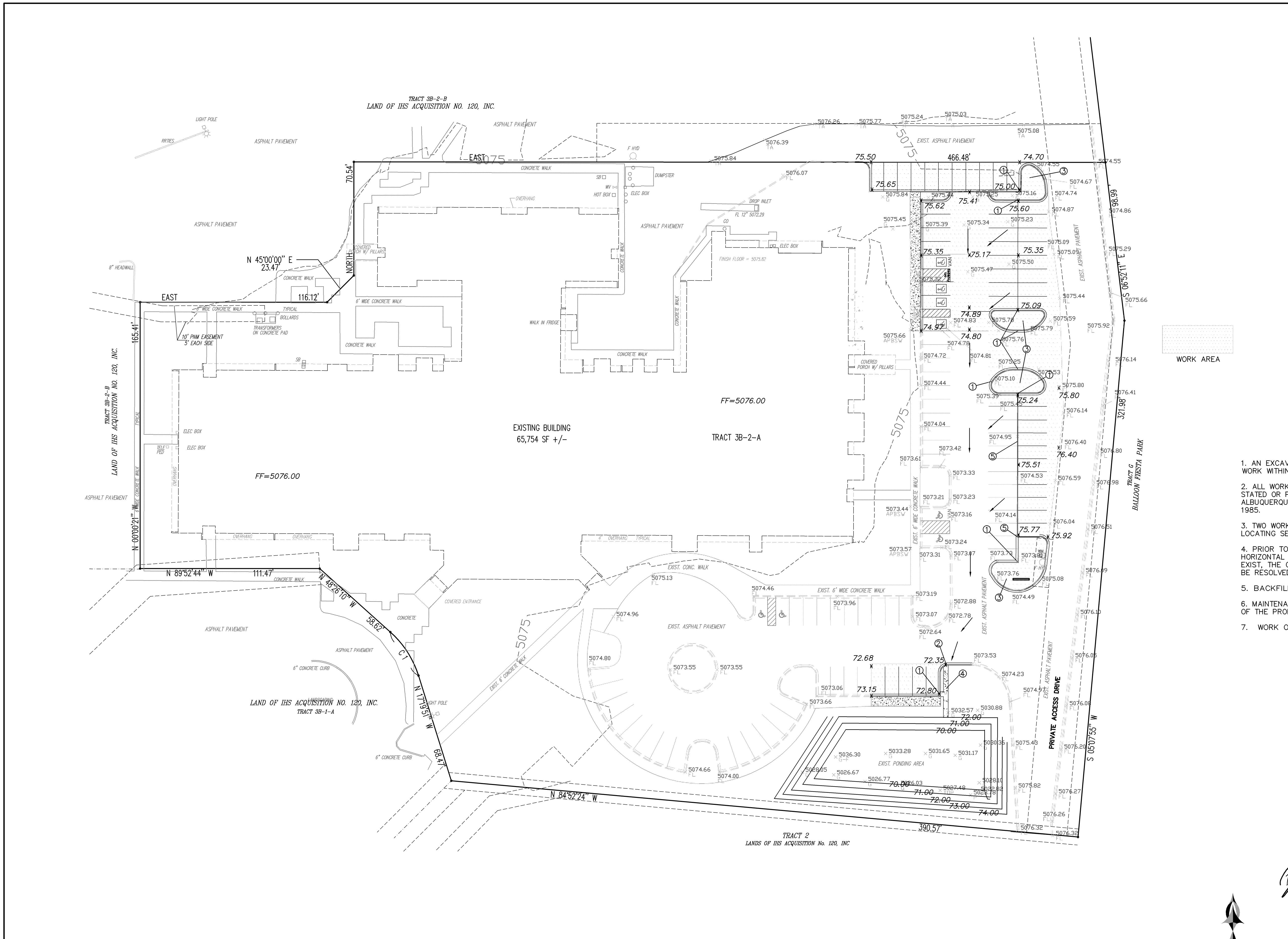
**GRAPHIC SCALE**



**FIESTA PARK CARE CENTER  
 8820 HORIZON BLVD., NE  
 GRADING PLAN**

DRAWING: 201606-SITE-GD.DWG	DRAWN BY: SH-B	DATE: 7-10-2016	SHEET # 2
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LAST REVISION: 07-13-2016



- NOTES:**
1. PROVIDE 12" CURB OPENING
  2. PROVIDE 24" CURB OPENING
  3. DEPRESSED LANDSCAPING AREA, MINIMUM 6"
  4. 3' WIDE CONCRETE RUNDOWN
  5. PROVIDE 14" HEADER WALL

**POND VOLUME REQUIRED**  
 TOTAL PONDING VOLUME REQUIRED (90TH PERCENTILE/FIRST FLUSH) = 0.34 INCHES x IMPERVIOUS AREA = (0.34/12 x 11,605) = 328.81 CF

**POND CALCULATION**  
 TOTAL POND AREA PROVIDED =  
 PONDING CALCULATIONS:  
 POND : AREA @ TOP = 5,677.24, AREA @ BOTTOM = 3,277.70  
 POND VOLUME = (5,677.24 + 3,277.70)/2 \* 2 = 8,959.94 CF  
 EXISTING POND VOLUME = 6,500.00 CF  
 TOTAL ADDITIONAL POND VOLUME PROVIDED = (8,959.94 - 6,800.00) = 2,154.94 CF  
 TOTAL ADDITIONAL POND VOLUME REQUIRED = 1,177.42 CF