

# CITY OF ALBUQUERQUE



Richard J. Berry, Mayor

August 9, 2017

Anna Caffrey, PE  
Bohannon Huston, Inc.  
7500 Jefferson St NE  
Albuquerque, NM 87109

**RE: Lobo LL Field Expansion at Balduini Park**  
**Grading Plan**  
**Stamp Date: 8/7/17**  
**Hydrology File: H16D149**

Dear Ms. Caffrey:

Based upon the information provided in your resubmittal received 8/8/2017, the Grading Plan is approved for Grading Permit.

After completion of the project please submit Engineer Certification per the DPM checklist for our records.

If you have any questions, please contact me at 924-3995 or [rbrissette@cabq.gov](mailto:rbrissette@cabq.gov).

Sincerely,

*Reneé C. Brissette*

Reneé C. Brissette, P.E.  
Senior Engineer, Hydrology  
Planning Department



August 8, 2017

Reneé C. Brissette, PE  
Senior Engineer, Hydrology  
City of Albuquerque, Planning Department  
P.O. Box 1293  
Albuquerque, NM 87103

Re: Lobo LL Field Expansion at Balduini Park  
Grading Plan  
Stamp Date: 7/13/17  
Hydrology File: H16D419

Dear Ms. Brissette:

On July 18, 2017, I received a letter from you regarding your review of the Grading Plan for the Lobo Little League Field Expansion at Balduini Park. Your original comments are listed below (in italics), followed by a description of the changes made to the plans.

1. *Since the work to be done lays partially on AMAFCA property and the work to be done affects an existing AMAFCA pond for Embudo Channel, approval by AMAFCA will be needed prior to Hydrology approval. Please contact Bradley Bingham, PE at (505)884-2215 or [bbingham@amafca.org](mailto:bbingham@amafca.org). Please provide an approval letter from AMAFCA in your resubmittal to Hydrology.*

Response: See the attached letter from Lynn Mazur at AMAFCA. Lynn's comments have been incorporated into the revised plan set which is also attached.

2. *Please provide the floodplain note on the Grading Plan.*

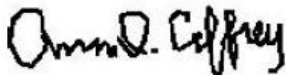
Response: Rudy Rael's note, "NOTIFY THE COA FLOODPLAIN ADMINISTRATOR IN 25% INCREMENTS OF JOB PRODUCTION AND AT FINAL COMPLETION," has been added to the Title Sheet as General Note 12.

3. *Please label and show the delineation of all floodplain zones within the Grading Plan. Please also include the 100 year flood information for Zone "AH".*

Response: The floodplain for the Embudo Channel was labeled and the information on Zone AH was added to the Grading Plan.

If you have any questions, you can contact me at (505) 259-3204.

Sincerely,



Anna Q. Caffrey, PE, CFM  
Engineer  
Water Resources

cc: Richard Zita, COA (w/ encls.)  
Lynn Mazur, AMAFCA (w/encls.)



Bruce M. Thomson, P.E., Chair  
Cynthia D. Borrego, Vice Chair  
Ronald D. Brown, Secretary-Treasurer  
Deborah L. Stover, Assistant Secretary-Treasurer  
Tim Eichenberg, Director

Jerry M. Lovato, P.E.  
Executive Engineer



**Albuquerque  
Metropolitan  
Arroyo  
Flood  
Control  
Authority**

2600 Prospect N.E., Albuquerque, NM 87107  
Phone: (505) 884-2215 Fax: (505) 884-0214  
Website: [www.amafca.org](http://www.amafca.org)

July 26, 2017

Ms. Anna Caffrey, P.E.  
Bohannon Huston, Inc.  
7500 Jefferson St. NE, Courtyard I  
Albuquerque, New Mexico 87109

Re: City Lobo LL Field Expansion at Balduini Park Grading Plan  
Engineer's Seal Dated July 13, 2017, City Project No. 658100

Dear Ms. Caffrey:

With this letter I am transmitting minor comments on the referenced grading plan as follows:

1. Show a minimum offset from the approximate toe of slope to the new fence as 16 feet. AMAFCA typically wants an offset of at least one foot from the edge of the maintenance road to a fence or wall so large transport trailers are not squeezed in.
2. Check the radius of the relocated maintenance road near the north end of the field as shown on attached Sheet 2. The typical minimum turn radius is 30 feet.
3. Add the attached General Notes to the plans.

AMAFCA has an existing license for the park. The new Lobo Field expansion will be covered under the license. If you have any questions, please call me at 884-2215.

Sincerely,  
AMAFCA

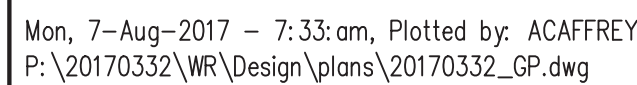
Lynn M. Mazur, P.E.  
Development Review Engineer

C: Reneé C. Brissette, City Hydrology  
Richard Zita, City Parks & Rec









SCALE: 1" = 20' (HORIZ.)

|       |    |
|-------|----|
| Sheet | Of |
| 2     | 4  |

[illegible]





DEMOLITION AND CONSTRUCTION KEYED NOTES

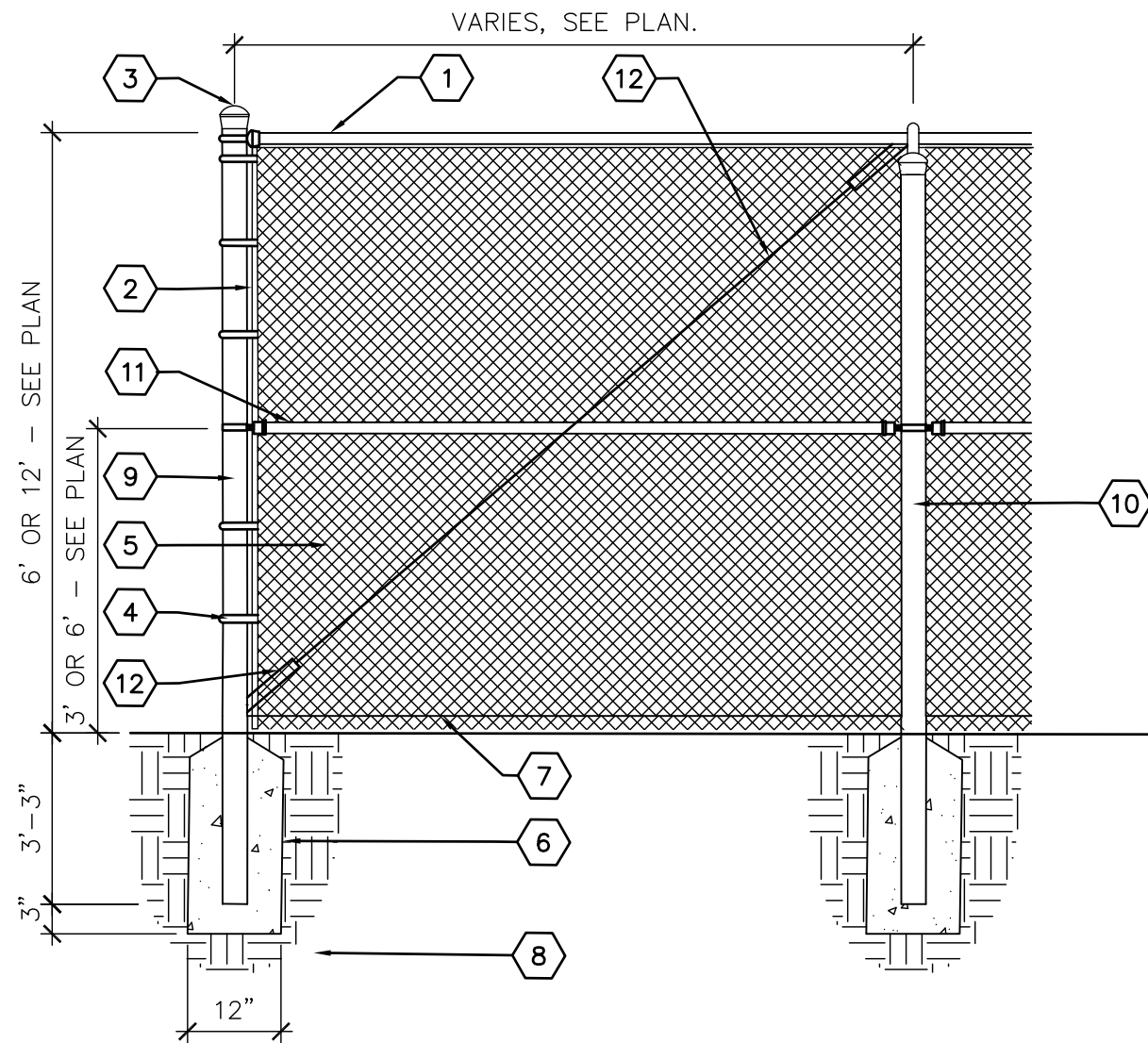
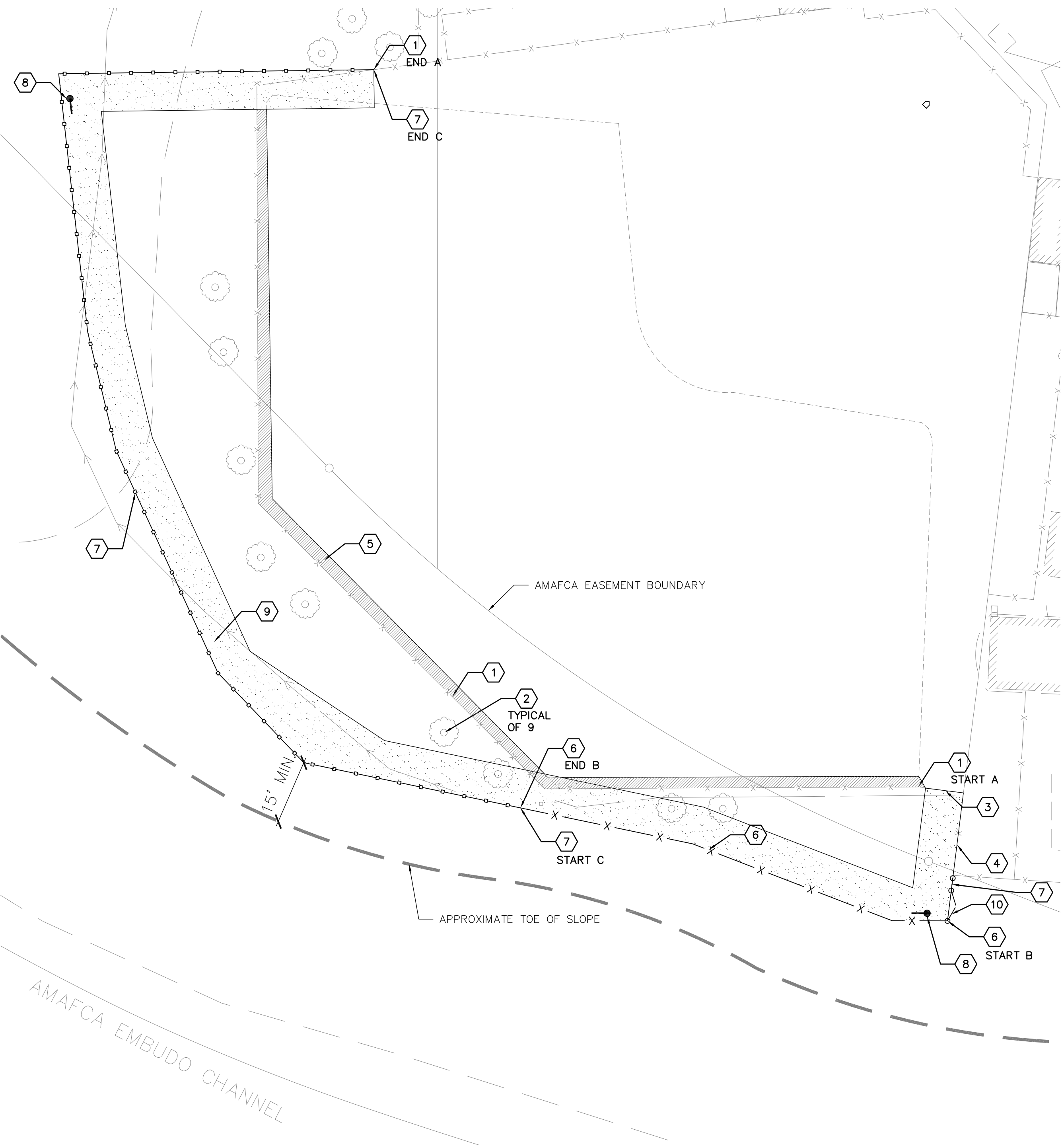
1. REMOVE AND DISPOSE OF EXISTING OUTFIELD FENCE.
2. REMOVE AND GRIND STUMPS TO A DEPTH OF 6" BELOW ADJACENT FINISH GRADE.
3. REMOVE AND DISPOSE OF ACCESS GATE.
4. EXISTING 12' TALL CHAINLINK FENCE TO REMAIN.
5. REMOVE CRUSHER FINES WARNING TRACK MATERIAL. REUSE TO THE GREATEST EXTENT POSSIBLE IN NEW WARNING TRACK.
6. FURNISH AND INSTALL 12' TALL CHAINLINK FENCE PER DETAIL 2 (THIS SHEET) WITH GREEN FENCE CLOTH AND YELLOW PLASTIC FENCE TOPPER. FENCE TOPPER TO BE FENCECROWN CORRUGATED FROM COVERSPO RTS OR APPROVED EQUAL. CONTACT WWW.COVERSPORTS.COM. FIELD VERIFY LOCATION.
7. FURNISH AND INSTALL 6' TALL CHAINLINK FENCE PER DETAIL 2 (THIS SHEET) WITH GREEN FENCE CLOTH AND YELLOW PLASTIC FENCE TOPPER. FENCE TOPPER TO BE FENCECROWN CORRUGATED FROM COVERSPO RTS OR APPROVED EQUAL. CONTACT WWW.COVERSPORTS.COM. FIELD VERIFY LOCATION.
8. FURNISH AND INSTALL FOUL POLE. POLE TO BE 20' HIGH PRO-STY LE BASEBALL FOUL POLE FROM ANTHEM SPORTS, OR APPROVED EQUAL. CONTACT WWW.ANTHEMSPO RTS.COM. COLOR: YELLOW. LOCATION IS SHOWN APPROXIMATE. INSTALL ON FIELD SIDE OF OUTFIELD FENCE. ENSURE ALIGNMENT WITH FOUL LINES.
9. FURNISH AND INSTALL GREY CRUSHER FINES TO A 4" DEPTH IN WARNING TRACK AREA. DO NOT INSTALL WEED BARRIER FABRIC UNDER CRUSHER FINES.
10. FURNISH AND INSTALL 6' TALL DOUBLE SWING CHAINLINK GATE PER DETAIL 1 (THIS SHEET).

GENERAL NOTES

- A. ALL VOIDS CREATED BY DEMOLITION SHALL BE FILLED AND COMPA CTED WITH CLEAN FILL.
- B. CONTRACTOR SHALL AVOID CONSTRUCTION OPERATIONS, INCLUDING DEMOLITION AND GRADING, BEYOND THE INDICATED TOE OF SLOPE AND THE EDGE OF EXISTING FIELD TURFGRASS.

HATCH LEGEND

-  CRUSHER FINES WARNING TRACK – SEE KEYED NOTE #9.
-  EXISTING CRUSHER FINES WARNING TRACK TO BE REMOVED – SEE KEYED NOTE #5.



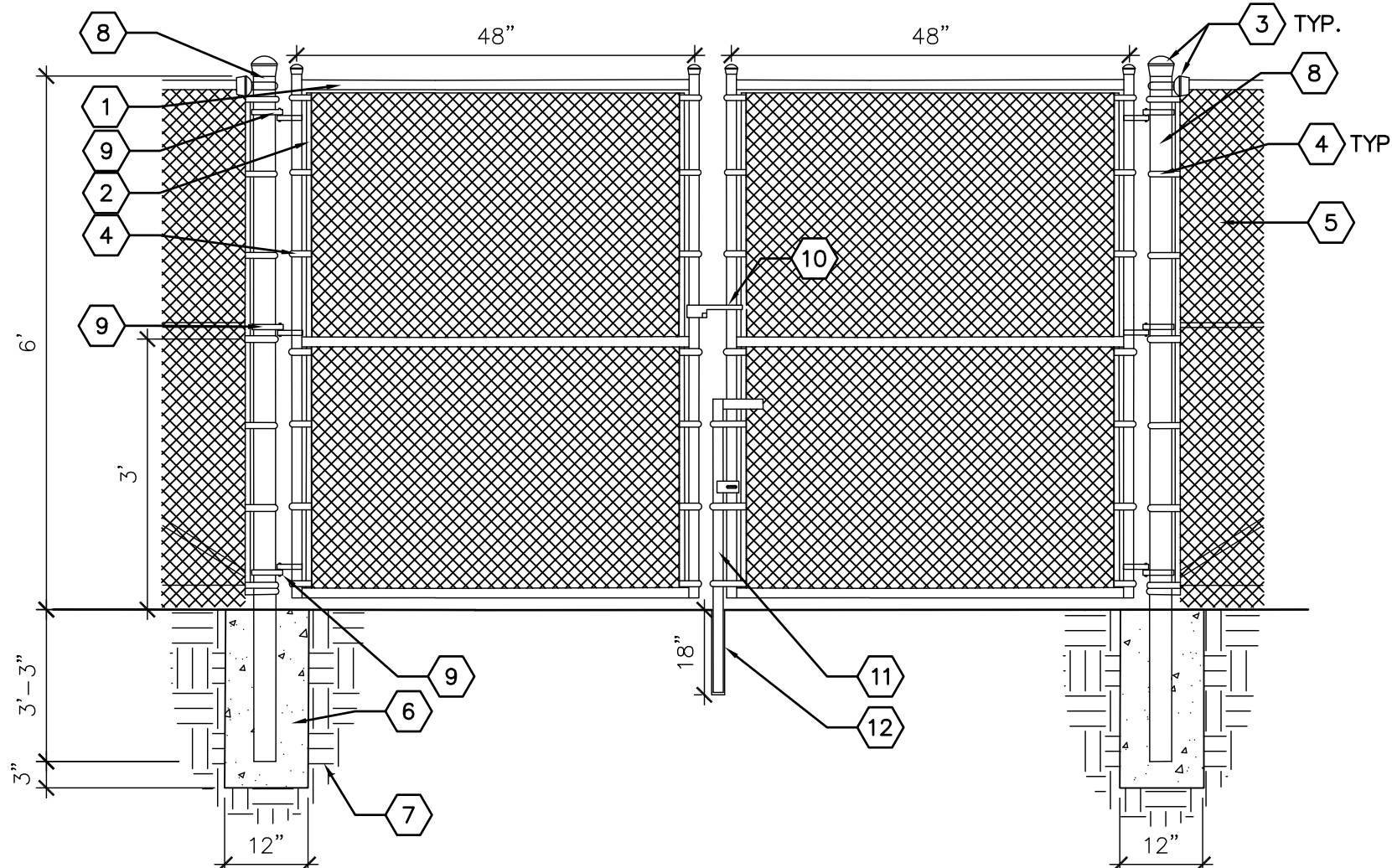
KEYED NOTES

1. 1 5/8" OUTSIDE DIA. TOP RAIL (SS20).
2. 3/16" X 5/8" X 144" STRETCH BAR.
3. POST TOP CAP.
4. TENSION BANDS – 15" O.C. MAX.
5. 9 GAUGE X 1 3/4" MESH FABRIC – KNUCKLE & KNUCKLE BOTH SIDES.
6. 3000 PSI CONCRETE FOOTING.
7. 9 GAUGE BOTTOM TENSION WIRE WITH HOG RINGS.
8. 95% COMPA CTED SUBGRADE.
9. 3" CORNER / END POST (SS40).
10. 2 3/8" LINE POST (SS20).
11. 1 5/8" OUTSIDE DIAMETER MIDDLE RAIL (SS20).
12. 3/8" COMPRESSION BRACE.

GENERAL NOTES

- A. SEE PLAN FOR LOCATION AND LIMITS OF 6' AND 12' HEIGHT.

2 6' HT. & 12' HT. CHAINLINK FENCING  
SCALE: N.T.S.



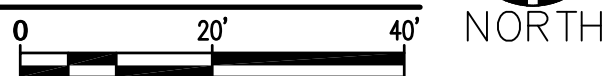
KEYED NOTES

1. 1 5/8" OUTSIDE DIA. GATE FRAME (SS40).
2. 3/16" X 5/8" STRETCH BAR.
3. POST TOP CAP.
4. TENSION BANDS – 15" O.C. MAX.
5. 9 GAUGE X 1 3/4" MESH FABRIC – KNUCKLE & KNUCKLE BOTH SIDES.
6. 3000 PSI CONCRETE FOOTING.
7. COMPA CTED SUBGRADE.
8. 4" OUTSIDE DIAMETER TERMINAL/END POST (SS40).
9. HINGE.
10. LATCH.
11. 1 5/8" O.D. LOCKABLE DROP BAR (SS40).
12. DROP BAR RECEIVER.

1 6' HT. CHAINLINK DOUBLE SWING GATE  
SCALE: N.T.S.


A1 FENCING DEMOLITION AND CONSTRUCTION PLAN  
SCALE: 1"=20'-0"

Mon, 10-Jul-2017 - 4:24:pm, Plotted by: RCARPENTER  
P:\\$Year-2016\2316\2316-acad\2316-\$current\2316-SHEET FILES\2316\_L1S101.dwg



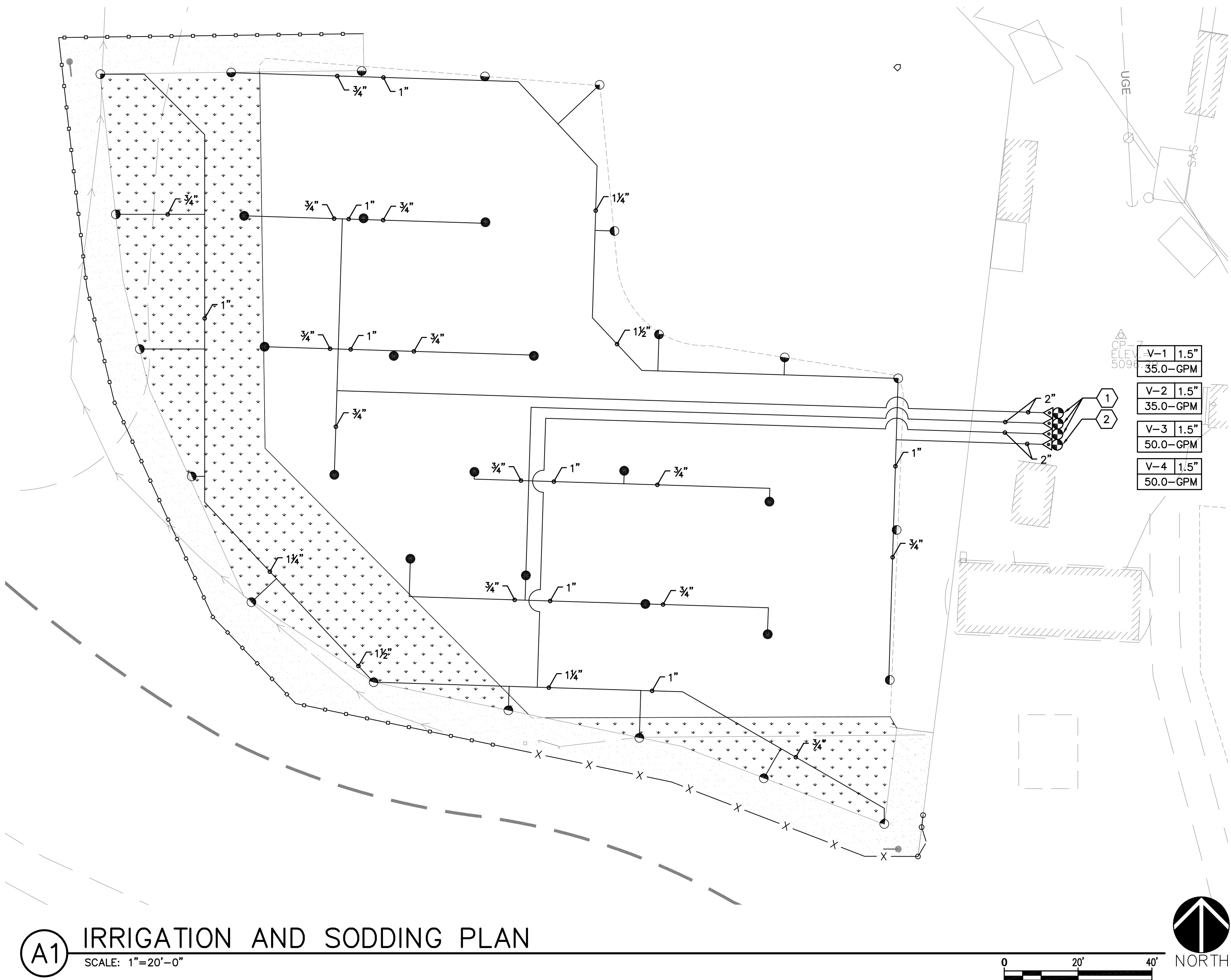
SCALE: 1" = 20' (HORIZ.)



|   |                        |  |              |
|---|------------------------|--|--------------|
|  |                        | CITY OF ALBUQUERQUE<br>PUBLIC WORKS DEPARTMENT |              |
| LOBO LL FIELD EXPANSION AT BALDUINI PARK<br>FENCING DEMOLITION AND CONSTRUCTION PLAN  |                        |  |              |
| Design Review Committee   | City Engineer Approval | Last Design Update                             |              |
| City Project No. 658100   |                        | Zone Map No. H-16-Z                            | Sheet 3 Of 4 |

| AS-BUILT INFORMATION |      | BENCH MARKS                                      |      | SURVEY INFORMATION |    | ENGINEER'S SEAL |     | REVISIONS |                | MICROFILM INFORMATION |      |
|----------------------|------|--|------|--------------------|----|-----------------|-----|-----------|----------------|-----------------------|------|
| CONTRACTOR           | DATE | ALBUQUERQUE CONTROL SURVEY STATION "1-40-12"     | DATE | NO.                | BY | DATE            | NO. | By        | DATE: 07/10/17 | RECORDED BY           | DATE |
| WORKS BY             | DATE | LOCATED IN THE MEDIAN OF MENAUL BOULEVARD, N.E., | DATE |                    |    |                 |     |           |                |                       |      |
| INSPECTOR'S          | DATE | WHERE IT CROSSES THE NORTH DIVERSION CHANNEL     | DATE |                    |    |                 |     |           |                |                       |      |
| ACCEPTANCE BY        | DATE | ELEVATION IS 5117.289, NAVD 1988                 | DATE |                    |    |                 |     |           |                |                       |      |
| VERIFICATION BY      | DATE |  | DATE |                    |    |                 |     |           |                |                       |      |
| DRAWINGS             | DATE |  | DATE |                    |    |                 |     |           |                |                       |      |
| REVISIONS BY         | DATE |  | DATE |                    |    |                 |     |           |                |                       |      |
| NO.                  | DATE |  | NO.  |                    |    |                 |     |           |                |                       |      |





**A1** IRRIGATION AND SODDING PLAN  
SCALE: 1"=20'-0"

**KEYED NOTES**

- LATERAL FROM REMOTE CONTROL VALVE, SEE PLAN.
- GALVANIZED ELBOW.
- SCH. 80 PVC NIPPLE, LENGTH AS REQUIRED.
- SCH. 40 PVC MALE ADAPTER.
- LATERAL PIPING (SEE LEGEND).
- GALVANIZED PIPE, LENGTH AS REQUIRED.
- FINISH GRADE.
- GALVANIZED STREET ELL.
- ANTI-SIPHON VACUUM BREAKER (SEE LEGEND).

**A2** ANTI-SIPHON VACUUM BREAKER  
SCALE: N.T.S.

**IRRIGATION LEGEND**

- LATERAL PIPING, SCH. 40, BELL END, SOLVENT WELD PVC, SIZE AS SHOWN ON PLAN. DEPTH OF BURY, 18".
- ANTI-SIPHON VACUUM BREAKER, WATTS 188A SERIES, OR EQUAL, BRASS BODY VALVE, SIZE: 1-1/2". INSTALL PER DETAIL A2/4.
- REMOTE CONTROL VALVE ASSEMBLY, RAIN BIRD PEB SERIES, OR EQUAL, PLASTIC BODY 24-VOLT AUTOMATIC VALVE, SIZE AS SHOWN ON PLAN. INSTALL PER CITY OF ALBUQUERQUE STANDARD DRAWING #2705.
- SPRAY POP-UP SPRINKLER ASSEMBLIES, HUNTER I-20 SERIES ROTOR WITH PRESSURE REGULATED BODY WITH CHECK VALVE, 6" POP-UP AS FOLLOWS (INSTALL PER CITY OF ALBUQUERQUE STANDARD DRAWING #2710):
- | MODEL NO.      | RADIUS | GPM | PSI | PR   |
|----------------|--------|-----|-----|------|
| I-20-06-SS-5.0 | 40'    | 5.0 | 45  | 1.10 |
| I-20-06-SS-5.0 | 40'    | 5.0 | 45  | .55  |
| I-20-06-SS-5.0 | 40'    | 5.0 | 45  | .42  |
| I-20-06-SS-5.0 | 40'    | 5.0 | 45  | .28  |
- SOLVENT WELD PVC CAP, SIZE PER LINE SIZE.

**IRRIGATION NOTES**

- CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO CONSTRUCT PROPOSED IRRIGATION SYSTEM IN ACCORDANCE WITH PLANS, WRITTEN SPECIFICATIONS AND DETAILS.
- THE LOCATION AND SIZE OF IRRIGATION EQUIPMENT ON THE PLAN IS SHOWN DIAGMATICALLY FOR GRAPHIC CLARITY. THE LOCATION OF CONTROLLERS, PUMPS, BACKFLOW PREVENTERS, VALVES, ETC. SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT IN THE FIELD.
- THE LOCATION OF IRRIGATION MAIN AND LATERAL LINES ON THE PLAN IS SHOWN DIAGMATICALLY FOR GRAPHIC CLARITY. UNLESS OTHERWISE NOTED ON THE PLAN, ANY IRRIGATION LINES SHOWN IN HARDSCAPE AREAS IS FOR GRAPHIC CLARITY ONLY. IRRIGATION LINES SHALL BE LOCATED IN IMMEDIATELY ADJACENT LANDSCAPE AREAS.
- ALL VALVE BOXES SHALL BE TAN WITH TAN BOLT-DOWN LIDS.
- IRRIGATION SYSTEM WAS DESIGNED AT A MINIMUM STATIC PRESSURE OF 60 PSI AT THE POINT OF CONNECTION. CONTRACTOR SHALL VERIFY ACTUAL PSI AND DELIVER RESULTS TO LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. IN THE EVENT THE ACTUAL PSI IS LESS THAN 60 PSI THE CONTRACTOR SHALL RECEIVE DIRECTION FROM LANDSCAPE ARCHITECT REGARDING DESIGN MODIFICATIONS IF NECESSARY.
- ALL WORK SHALL BE CONFORM TO CITY OF ALBUQUERQUE STANDARD SPECIFICATONS FOR PUBLIC WORKS CONSTRUCTION - UPDATE 9.

**IRRIGATION KEY NOTES**

- IRRIGATION SYSTEM POINT OF CONNECTION. CONTRACTOR SHALL CONNECT TO EXISTING MAINLINE AND CONTROLLER WIRING. LOCATION SHOWN APPROXIMATELY. VALVE BOXES AND VACUUM BREAKERS SHALL BE LOCATED OUTSIDE EXISTING FENCE BULLPEN. MAINLINE IS ASSUMED TO BE 2". CONTRACTOR SHALL REPORT TO LANDSCAPE ARCHITECT FOR ADDITIONAL DIRECTION, IF THE ACTUAL SIZE IS NOT 2".
- CONTRACTOR SHALL EXTEND ONE CONTROL VALVE WIRE TO EXISTING CONTROLLER.

| VALVE ID KEY             |            |
|--------------------------|------------|
| VALVE ID NUMBER          | VALVE SIZE |
| V-1                      | 1"         |
| 25.5-GPM                 |            |
| VALVE GALLONS PER MINUTE |            |

**HATCH LEGEND**

- TURFGRASS SOD - SOD SHALL BE 'SANDIA BLUEGRASS', AS AVAILABLE FROM EVERGREEN TURF, OR APPROVED EQUAL. INSTALL PER CITY OF ALBUQUERQUE STANDARD SPEC SECTION 1010.

| AS-BUILT INFORMATION |      | BENCH MARKS                                  |   | SURVEY INFORMATION |    | ENGINEER'S SEAL |  | REVISIONS |  | DESIGN |  | No. Date |  | Designed By: CM |  | Drawn By: JW |  | Checked By: CM |  | DATE: 07/10/17 |  | DATE: 07/10/17 |  | DATE: 07/10/17 |  |
|----------------------|------|--|---|--------------------|----|-----------------|--|-----------|--|--------|--|----------|--|-----------------|--|--------------|--|----------------|--|----------------|--|----------------|--|----------------|--|
| CONTRACTOR           | DATE | ALBUQUERQUE CONTROL SURVEY STATION "1-40-12" | LOCATED IN THE MEDIAN OF MENAUL BOULEVARD, N.E., WHERE IT CROSSES THE NORTH DIVERSION CHANNEL. ELEVATION IS 5117.289, NAVD 1988 | NO                 | BY | DATE            |  |           |  |        |  |          |  |                 |  |              |  |                |  |                |  |                |  |                |  |

**Bohannon & Huston**  
www.bhinc.com 800.877.5332

**CITY OF ALBUQUERQUE**  
PUBLIC WORKS DEPARTMENT

**LOBO LL FIELD EXPANSION AT BALDUINI PARK**  
IRRIGATION / SODDING PLAN

|                         |                        |             |             |
|-------------------------|------------------------|-------------|-------------|
| Design Review Committee | City Engineer Approval | Mo./Day/Yr. | Mo./Day/Yr. |
|                         |                        |             |             |
|                         |                        |             |             |
|                         |                        |             |             |
|                         |                        |             |             |
|                         |                        |             |             |
| City Project No.        | Zone Map No.           | Sheet       | Of          |
| 658100                  | H-16-Z                 | 4           | 4           |

SCALE: 1" = 20' (HORIZ.)