

INEZ PARK RENOVATION

FOR THE CITY OF

ALBUQUERQUE, NEW MEXICO

PARKS AND RECREATION DEPARTMENT

DRAWING INDEX

| | |
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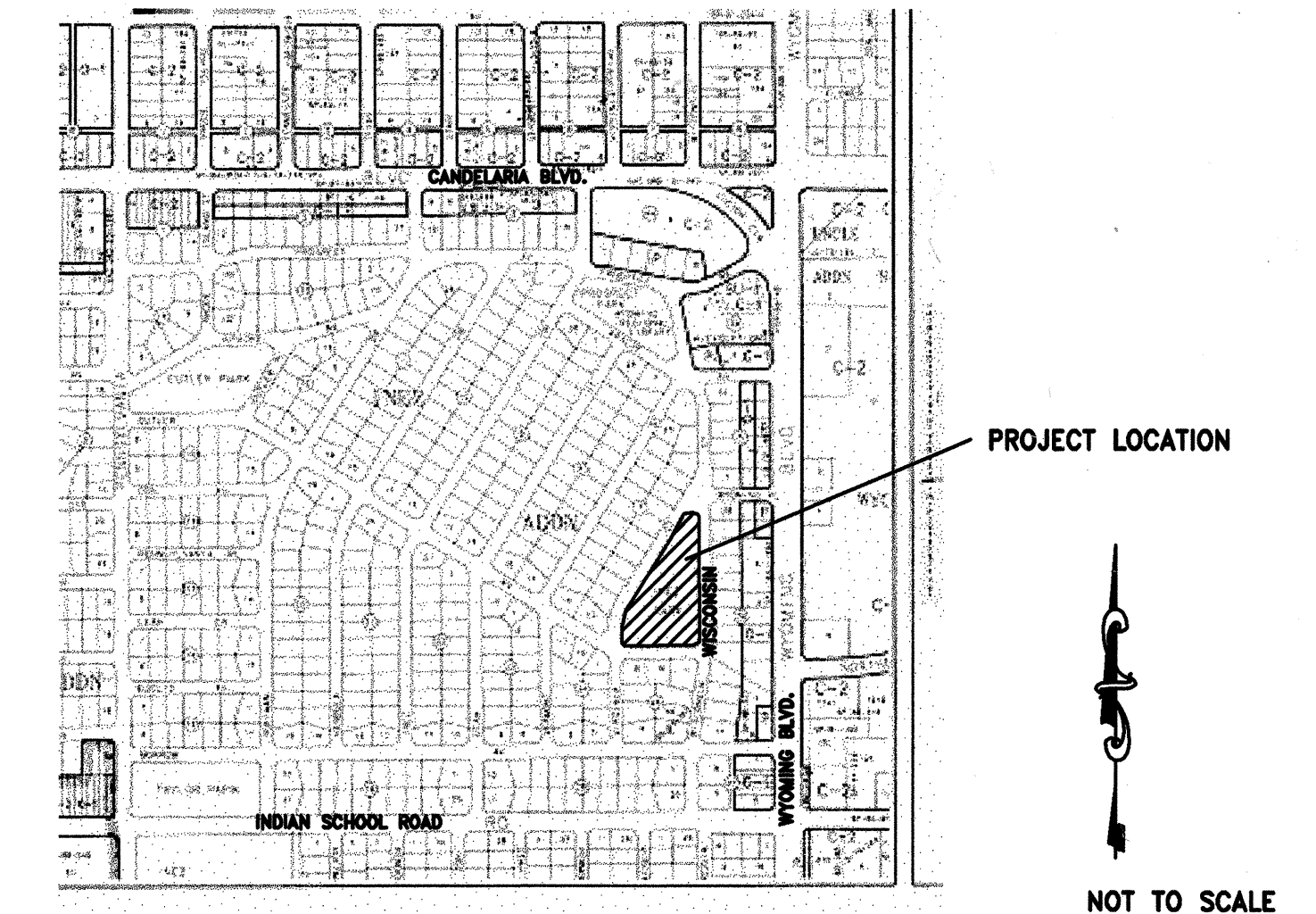
STREET ADDRESS:

2027 WISCONSIN ST NE
ALBUQUERQUE, N.M. 87110

LEGAL DESCRIPTION:

INEZ PARK, 0000, INEZ ADDN

TURF AREA: 115,000 SF (2.64 AC)
TOTAL PARK AREA: 2.96 AC



VICINITY MAP

ZONE ATLAS NO. H-19

GENERAL NOTES

- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED, FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 ED. AND SHALL INCLUDE UPDATE NO.6
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- CONTRACTOR SHALL COORDINATE WITH WATER SYSTEMS DIVISION (857-8200) SEVEN WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY CITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION SEVEN DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.
- CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK, IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY OF ALBUQUERQUE SURVEY SECTION. WHEN A CHANGE IS MADE IN THE FINISH ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO NEW GRADE, UNLESS OTHERWISE SPECIFIED.

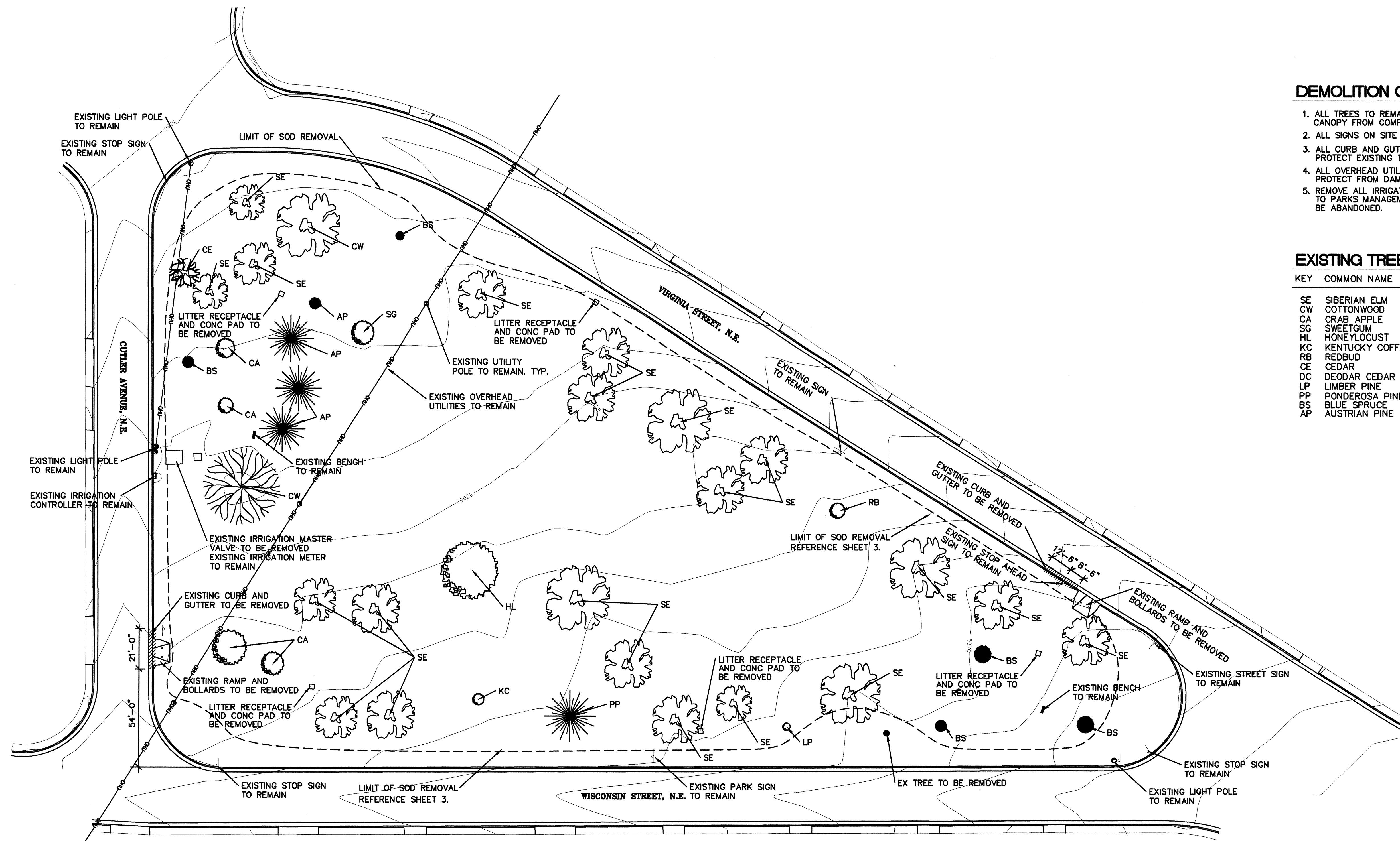
CONSTRUCTION DOCUMENTS

OCTOBER 2, 2002

LANDSCAPE ARCHITECT

THE LANDSCAPE GROUP, INC.

| | | | | | | | |
|-----------------------------|--------|------------------|--------------------|-----------------|---|-----------------|------|
| REV. | SHEETS | CITY ENGINEER | DATE | USER DEPARTMENT | DATE | USER DEPARTMENT | DATE |
| ENGINEERS STAMP & SIGNATURE | | APPROVALS | ENGINEER | DATE | APPROVED FOR CONSTRUCTION | | |
| | | DRC Chairman | <i>[Signature]</i> | 10-14-02 | <i>[Signature]</i> 10/14/02 City Engineer Date | | |
| | | Transportation | <i>[Signature]</i> | 10/14/02 | | | |
| | | Water/Wastewater | <i>[Signature]</i> | 10-14-02 | | | |
| | | Hydrology | <i>[Signature]</i> | 10-14-02 | | | |
| | | Parks | <i>[Signature]</i> | 10-14-02 | | | |
| | | Constr. Coord. | <i>[Signature]</i> | 10-14-02 | | | |
| City Project No. | | 637793 | | | Sheet 1 of 89 | | |



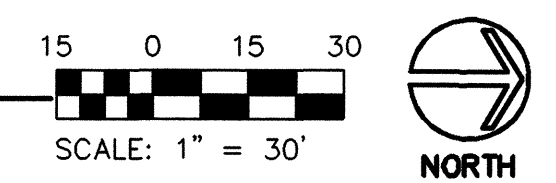
DEMOLITION GENERAL NOTES

- 1. ALL TREES TO REMAIN EXCEPT AS NOTED. PROTECT ENTIRE AREA UNDER CANOPY FROM COMPACTION OR DAMAGE DURING CONSTRUCTION.
- 2. ALL SIGNS ON SITE TO REMAIN.
- 3. ALL CURB AND GUTTER AROUND PERIMETER TO REMAIN, EXCEPT AS NOTED. PROTECT EXISTING TO REMAIN FROM DAMAGE DURING CONSTRUCTION.
- 4. ALL OVERHEAD UTILITIES TO REMAIN. PROTECT FROM DAMAGE DURING CONSTRUCTION.
- 5. REMOVE ALL IRRIGATION HEADS, VALVES, AND VALVE BOXES AND RETURN TO PARKS MANAGEMENT. ALL EXISTING MAINLINE AND LATERAL PIPING TO BE ABANDONED.

EXISTING TREE LEGEND

| KEY | COMMON NAME |
|-----|----------------------|
| SE | SIBERIAN ELM |
| CW | COTTONWOOD |
| CA | CRAB APPLE |
| SG | SWEETGUM |
| HL | HONEYLOCUST |
| KC | KENTUCKY COFFEE TREE |
| RB | REDBUD |
| CE | CEDAR |
| DC | DEODAR CEDAR |
| LP | LIMBER PINE |
| PP | PONDEROSA PINE |
| BS | BLUE SPRUCE |
| AP | AUSTRIAN PINE |

EXISTING CONDITIONS AND DEMOLITION PLAN

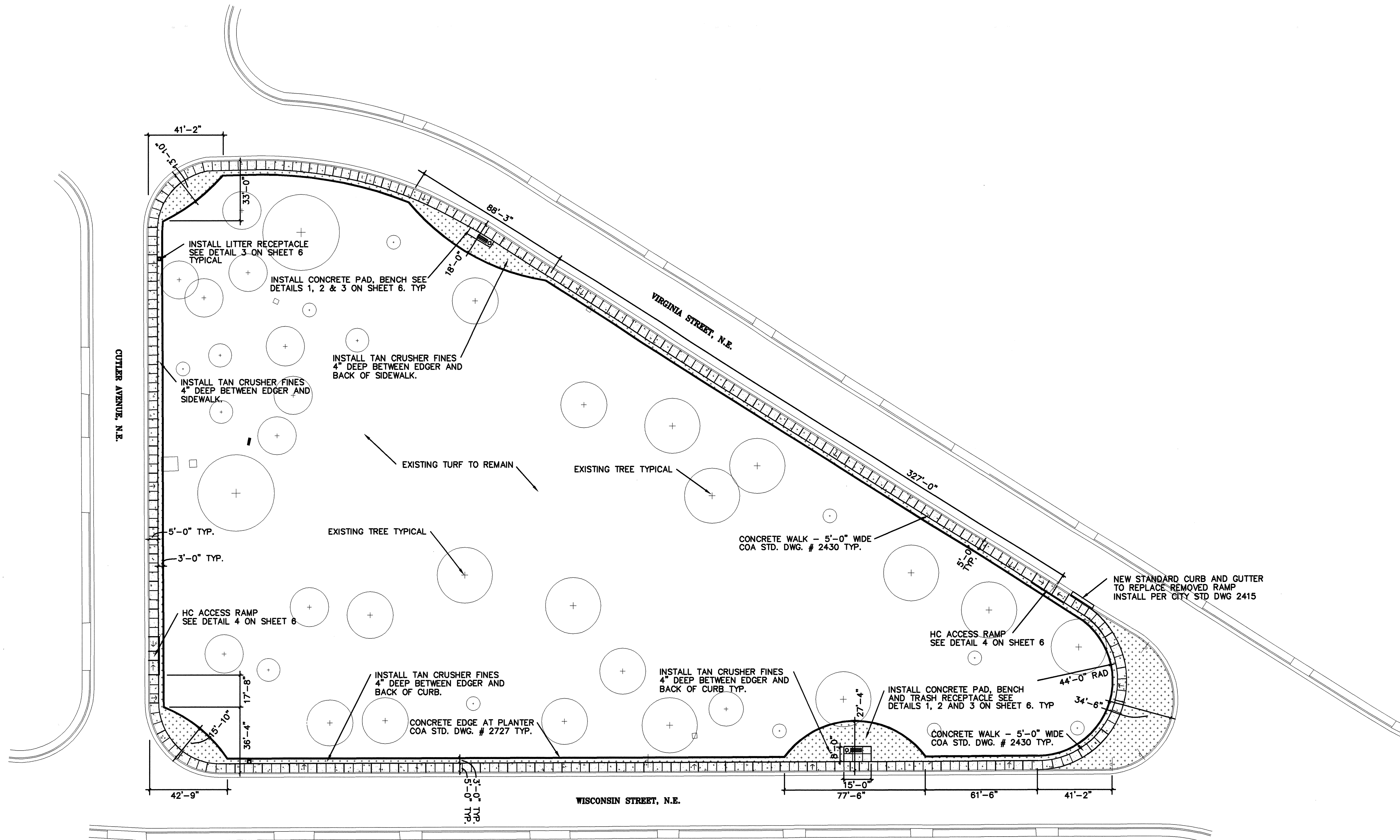


| AS BUILT INFORMATION | | BENCH MARK | | SURVEY INFORMATION | | LANDSCAPE ARCHITECT'S SEAL | | Revisions / Remarks | |
|------------------------|-------|------------|-------|--------------------|-----|----------------------------|-----|---------------------|------|
| CONTRACTOR | DATE: | NO. | DATE: | FIELD NOTES | NO. | DATE: | NO. | No. | Date |
| WORK STAKED BY | DATE: | NO. | DATE: | BY | NO. | DATE: | NO. | | |
| INSPECTORS APPROVAL | DATE: | NO. | DATE: | | NO. | DATE: | NO. | | |
| FIELD VERIFICATION BY | DATE: | NO. | DATE: | | NO. | DATE: | NO. | | |
| DRAWING CORRECTED BY | DATE: | NO. | DATE: | | NO. | DATE: | NO. | | |
| MICRO-FILM INFORMATION | DATE: | NO. | DATE: | | NO. | DATE: | NO. | | |
| RECORDED BY | DATE: | NO. | DATE: | | NO. | DATE: | NO. | | |
| NO. | DATE: | NO. | DATE: | | NO. | DATE: | NO. | | |

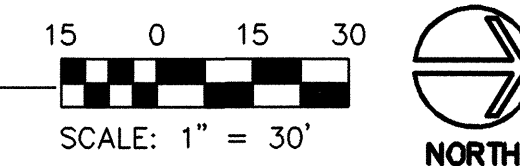
10/14/02

| | | | |
|--------------|---------------------------|-------|----------|
| Designed By: | THE LANDSCAPE GROUP, INC. | Date: | 10/02/02 |
| Drawn By: | THE LANDSCAPE GROUP, INC. | Date: | 10/02/02 |
| Checked By: | THE LANDSCAPE GROUP, INC. | Date: | 10/02/02 |

| | | | |
|---|--|---------------------|--------------------|
| CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT | | | |
| TITLE: INEZ PARK EXISTING CONDITIONS AND DEMOLITION PLAN | | | |
| Design Review Committee APPROVED OCT 14 2002 DESIGN REVIEW COMMITTEE | City Engineer Approval APPROVED OCT 14 2002 CITY ENGINEER | Least Design Update | Month / Day / Year |
| City Project No. | Zone Map No. | Sheet | Of |
| 637793 | H-19-Z | 2 | 89 |



CONSTRUCTION PLAN



the Landscape Group
 LANDSCAPE & GOLF COURSE ARCHITECTURE
 880 COTLER AVENUE, N.E. ALBUQUERQUE, NEW MEXICO 87105
 TEL: (505) 243-2200 FAX: (505) 243-2201

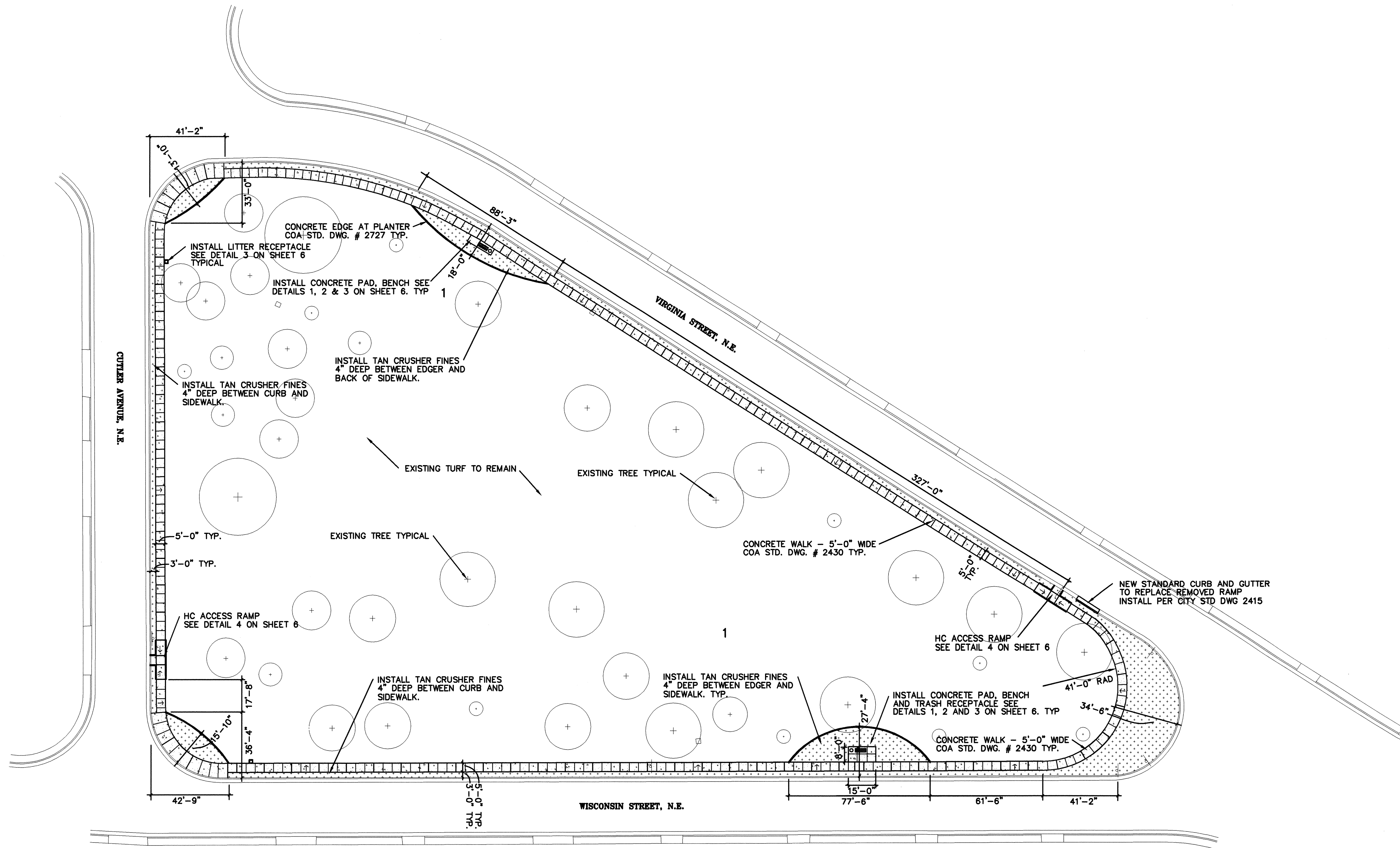
| AS BUILT INFORMATION | | BENCH MARK | | SURVEY INFORMATION | | LANDSCAPE ARCHITECT'S SEAL | | Revisions / Remarks | | Date | |
|------------------------|----------------|------------|--------------------------------|--------------------|----|----------------------------|----------|---------------------|------|------|------|
| CONTRACTOR | WORK STAKED BY | DATE | 14-H19 ESTABLISHED BY ACS 1989 | NO. | BY | DATE | 10/14/02 | No. | Date | No. | Date |
| INSPECTORS APPROVAL | DATE | DATE | SLD 1929 6383.136 | | | | | | | | |
| FIELD VERIFICATION BY | DATE | DATE | | | | | | | | | |
| DRAWING CORRECTED BY | DATE | DATE | | | | | | | | | |
| MICRO-FILM INFORMATION | RECORDED BY | NO. | | | | | | | | | |



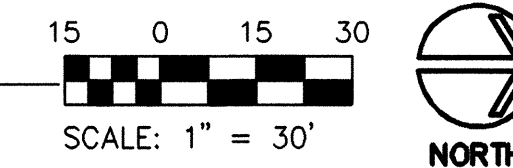
10/14/02

| | | | |
|--------------|---------------------------|-------|----------|
| Designed By: | THE LANDSCAPE GROUP, INC. | Date: | 10/02/02 |
| Drawn By: | THE LANDSCAPE GROUP, INC. | Date: | 10/02/02 |
| Checked By: | THE LANDSCAPE GROUP, INC. | Date: | 10/02/02 |

| | | | |
|--|--|--------------------|--------------------|
| CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT | | | |
| TITLE: INEZ PARK CONSTRUCTION PLAN | | | |
| Design Review Committee | City Engineer Approval | Month / Day / Year | Month / Day / Year |
| APPROVED OCT 14 2002 DESIGN REVIEW COMMITTEE | APPROVED OCT 14 2002 CITY ENGINEER | | |
| City Project No. | Zone Map No. | Sheet | Of |
| 637793 | H-19-Z | 3 | 89 |

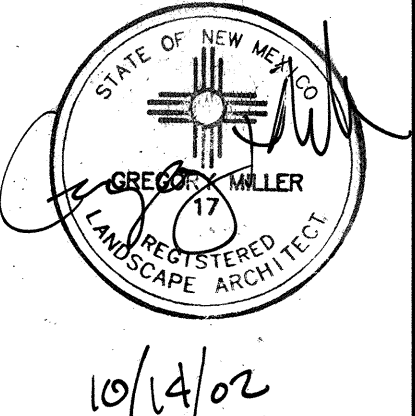


CONSTRUCTION PLAN



the Landscape Group
 LANDSCAPE & GOLF COURSE ARCHITECTURE
 400 CUTLER AVENUE, SUITE 100
 ALBUQUERQUE, NEW MEXICO 87102
 TEL: (505) 265-0265 FAX: (505) 265-0487

| AS BUILT INFORMATION | | BENCH MARK | | SURVEY INFORMATION | | LANDSCAPE ARCHITECT'S SEAL | | Revisions / Remarks | | BY | | Date | | No. | |
|------------------------|--|----------------|--|--------------------|--|----------------------------|--|---------------------|--|------|--|------|--|------|--|
| CONTRACTOR | | WORK STAKED BY | | DATE | | DATE | | BY | | DATE | | DATE | | BY | |
| INSPECTOR'S APPROVAL | | DATE | | DATE | | DATE | | DATE | | DATE | | DATE | | DATE | |
| FIELD VERIFICATION BY | | DATE | | DATE | | DATE | | DATE | | DATE | | DATE | | DATE | |
| DRAWING CORRECTED BY | | DATE | | DATE | | DATE | | DATE | | DATE | | DATE | | DATE | |
| MICRO-FILM INFORMATION | | DATE | | DATE | | DATE | | DATE | | DATE | | DATE | | DATE | |
| RECORDED BY | | DATE | | DATE | | DATE | | DATE | | DATE | | DATE | | DATE | |
| NO. | | NO. | | NO. | | NO. | | NO. | | NO. | | NO. | | NO. | |



| | | | |
|--|------------------------|--------------------|--------------------|
| CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT | | | |
| TITLE: INEZ PARK CONSTRUCTION PLAN | | | |
| Design Review Committee | City Engineer Approval | Last Design Update | Month / Day / Year |
| | | | |
| City Project No. 637793 | Zone Map No. H-19-Z | Sheet 3 of 89 | |

CU AND DU CALCULATIONS

FOR 1-25 ROTORS WITH A #5 NOZZLE SPACED 44' OC - SQUARE SPACING
ASSUMED 60 PSI - CU 93%, DU 90% - AS REPORTED BY MANUFACTURER
FOR 1-20 ROTORS WITH A #3.0 NOZZLE SPACED 38' OC - SQUARE SPACING
ASSUMED 60 PSI - CU 91%, DU 87% - AS REPORTED BY MANUFACTURER

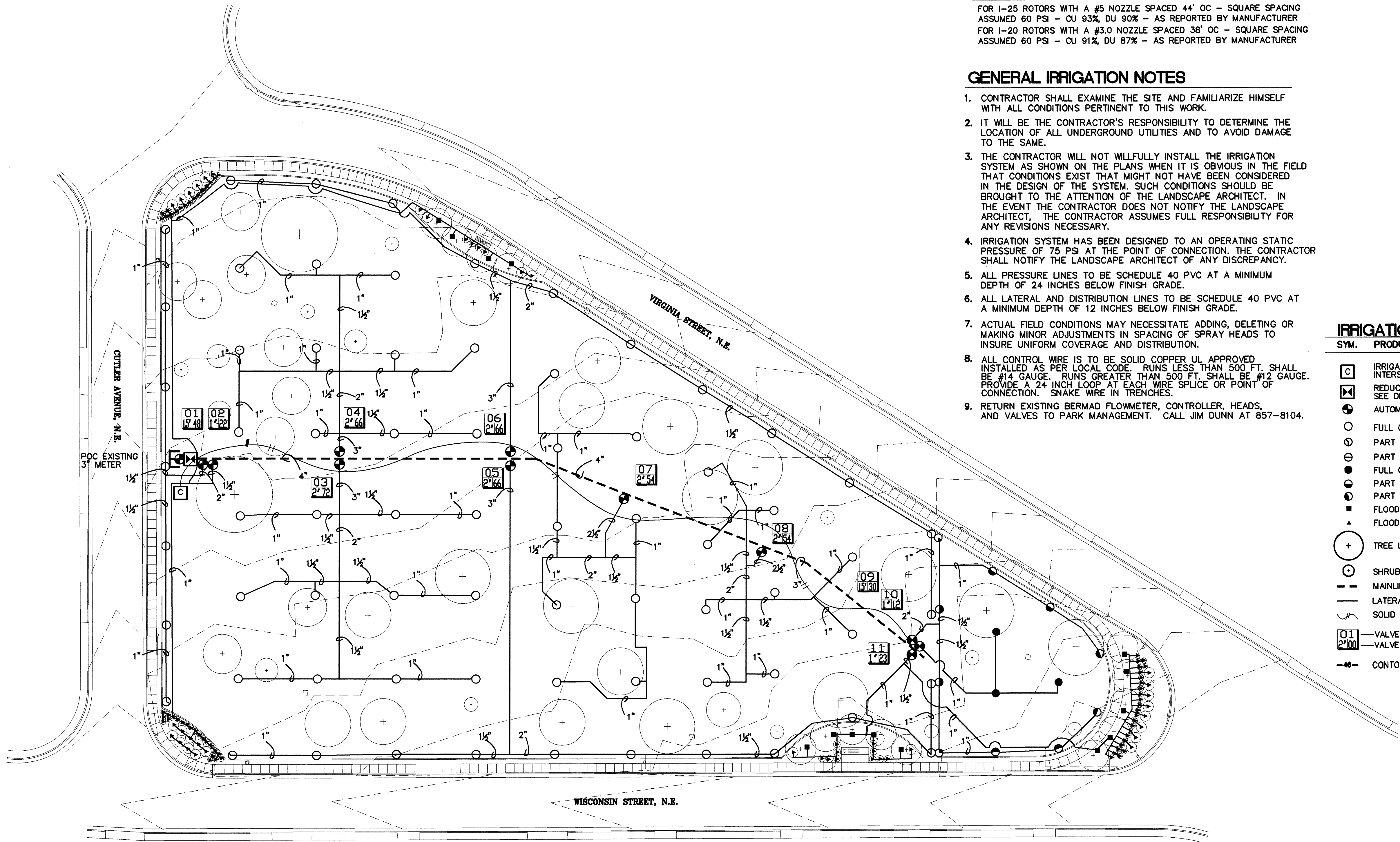
GENERAL IRRIGATION NOTES

1. CONTRACTOR SHALL EXAMINE THE SITE AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS PERTINENT TO THIS WORK.
2. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION OF ALL UNDERGROUND UTILITIES AND TO AVOID DAMAGE TO THE SAME.
3. THE CONTRACTOR WILL NOT WILLFULLY INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE PLANS WHEN IT IS OBVIOUS IN THE FIELD THAT CONDITIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE DESIGN OF THE SYSTEM. SUCH CONDITIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. IN THE EVENT THE CONTRACTOR DOES NOT NOTIFY THE LANDSCAPE ARCHITECT, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
4. IRRIGATION SYSTEM HAS BEEN DESIGNED TO AN OPERATING STATIC PRESSURE OF 75 PSI AT THE POINT OF CONNECTION. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCY.
5. ALL PRESSURE LINES TO BE SCHEDULE 40 PVC AT A MINIMUM DEPTH OF 24 INCHES BELOW FINISH GRADE.
6. ALL LATERAL AND DISTRIBUTION LINES TO BE SCHEDULE 40 PVC AT A MINIMUM DEPTH OF 12 INCHES BELOW FINISH GRADE.
7. ACTUAL FIELD CONDITIONS MAY NECESSITATE ADDING, DELETING OR MAKING MINOR ADJUSTMENTS IN SPACING OF SPRAY HEADS TO INSURE UNIFORM COVERAGE AND DISTRIBUTION.
8. ALL CONTROL WIRE IS TO BE SOLID COPPER UL APPROVED INSTALLED AS PER LOCAL CODE. RUNS LESS THAN 500 FT. SHALL BE #14 GAUGE. RUNS GREATER THAN 500 FT. SHALL BE #12 GAUGE. PROVIDE A 24 INCH LOOP AT EACH WIRE SPLICE OR POINT OF CONNECTION. SNAKE WIRE IN TRENCHES.
9. RETURN EXISTING BERMAD FLOWMETER, CONTROLLER, HEADS, AND VALVES TO PARK MANAGEMENT. CALL JIM DUNN AT 857-8104.

IRRIGATION SCHEDULE

SYM. PRODUCT DESCRIPTION

- IRRIGATION CONTROLLER - IRRINET 12 STATION - IN AN INTERSPEC BOX
- REDUCED PRESSURE BACKFLOW PREVENTION UNIT - 4" SEE DETAIL 5 ON SHEET 6.
- AUTOMATIC VALVE - RAINBIRD PEB SERIES SIZED PER PLAN
- FULL CIRCLE ROTOR - HUNTER I-25-36V-5
- PART CIRCLE ROTOR - HUNTER I-25-ADV-5
- PART CIRCLE ROTOR - HUNTER I-25-ADV-5
- FULL CIRCLE ROTOR - HUNTER I-20-36S-4.SLA
- PART CIRCLE ROTOR - HUNTER I-20-ADS-3.0
- PART CIRCLE ROTOR - HUNTER I-20-ADS-1.0
- FLOOD BUBBLER - HUNTER PCB-50
- FLOOD BUBBLER - HUNTER PCB-25
- TREE LOCATIONS
- SHRUB LOCATIONS
- MAINLINE - SIZED PER PLAN - SEE GENERAL NOTES
- LATERAL SCHEDULE 40 PVC SIZED PER PLAN
- SOLID COPPER DIRECT BURIAL CONTROL WIRE
- VALVE I.D.
- VALVE SIZE VALVE GPM
- CONTOUR LINE



IRRIGATION PLAN

VALVE LEGEND

| VALVE NO. | HEAD OR EMITTER TYPE | NOZZLE SIZE | VALVE SIZE | GPM |
|-----------|----------------------|-------------|------------|-----|
| 01 | 1-25 ROTOR - HALF | 5 | 1.5" | 48 |
| 02 | FLOOD BUBBLER | .25 / .5 | 1" | 22 |
| 03 | 1-25 ROTOR - FULL | 5 | 2" | 72 |
| 04 | 1-25 ROTOR - FULL | 5 | 2" | 66 |
| 05 | 1-25 ROTOR - HALF | 5 | 2" | 66 |
| 06 | 1-25 ROTOR - HALF | 5 | 2" | 66 |
| 07 | 1-25 ROTOR - FULL | 5 | 2" | 54 |
| 08 | 1-25 ROTOR - FULL | 5 | 2" | 54 |
| 09 | 1-20 ROTOR - HALF | 1.0-3.0 | 1.5" | 30 |
| 10 | 1-20 ROTOR - FULL | 4.SLA | 1" | 12 |
| 11 | FLOOD BUBBLER | .25 / .5 | 1" | 23 |
| M | MASTER | NA | 4" | |

IRRIGATION SCHEDULE

| PROGRAM | VALVES | PR CALC | SC | RUN TIME | CYCLES | TOTAL GPM |
|---------------------------------------|--------|---------|-----|-------------------|--------|-----------|
| A | 1,5 | .48 | 1.2 | 1.04 | 1 | 114 |
| B | 6 | .48 | 1.2 | 1.04 | 1 | 66 |
| C | 3,7 | .24 | 1.2 | 2.08 | 1 | 126 |
| D | 4,8 | .24 | 1.2 | 2.08 | 1 | 120 |
| E | 9,10 | .320 | 1.1 | 1.56 | 1 | 42 |
| F | 2,11 | NA | NA | NA | 1 | 45 |
| 99 | M | | | MAX FLOW @ MASTER | | 126 |
| TOTAL TIME APPLIES 1/2" IN 7.80 HOURS | | | | | | |

PRESSURE LOSS CALCULATION

CALCULATED FOR THE WEST HEAD ON ZONE 5 (FARTHEST HEAD FROM POC)

| SEGMENT | GPM THROUGH SEGMENT | LOSS RATE PSI/100 LF | PIPE SIZE | PIPE LENGTH | TOTAL LOSS |
|---------------------------------|---------------------|----------------------|-----------|-------------|------------|
| 1 | 66 | .11 | 4" | 110 | .121 |
| 2 | 66 | .41 | 3" | 160 | 1.88 |
| 3 | 42 | 1.45 | 2" | 25 | .358 |
| 4 | 36 | .90 | 2" | 44 | .396 |
| 5 | 30 | .68 | 2" | 44 | .299 |
| 6 | 24 | 1.51 | 1.5" | 44 | .664 |
| 7 | 18 | .89 | 1.5" | 44 | .392 |
| 8 | 12 | .42 | 1.5" | 44 | .185 |
| 9 | 6 | .93 | 1" | 40 | .372 |
| VALVE | 66 | 3.0 | | | 3.0 |
| RPB | 114 | 10.0 | | | 10.0 |
| TOTAL PSI LOSS | | | | | 19.332 |
| ANTICIPATED PSI AT POC | | | | | 75 |
| CALCULATED PSI AT FARTHEST HEAD | | | | | 55.67 |

the Landscape Group

LANDSCAPE & GOLF COURSE ARCHITECTURE
800 CUTLER AVENUE, N.W. ALBUQUERQUE, NEW MEXICO 87102
TEL: (505) 263-2266 FAX: (505) 263-2267

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: INEZ PARK
IRRIGATION PLAN

Design Review Committee
APPROVED
OCT 14 2002
DESIGN REVIEW COMMITTEE

City Engineer Approval
APPROVED
OCT 14 2002
CITY ENGINEER

City Project No. 637793

Zone Map No. H-19-Z

Sheet 4 Of 89

| SYM. | PRODUCT DESCRIPTION |
|------|---------------------|
|------|---------------------|

Diagram illustrating the components and dimensions of a concrete curb cross-section:

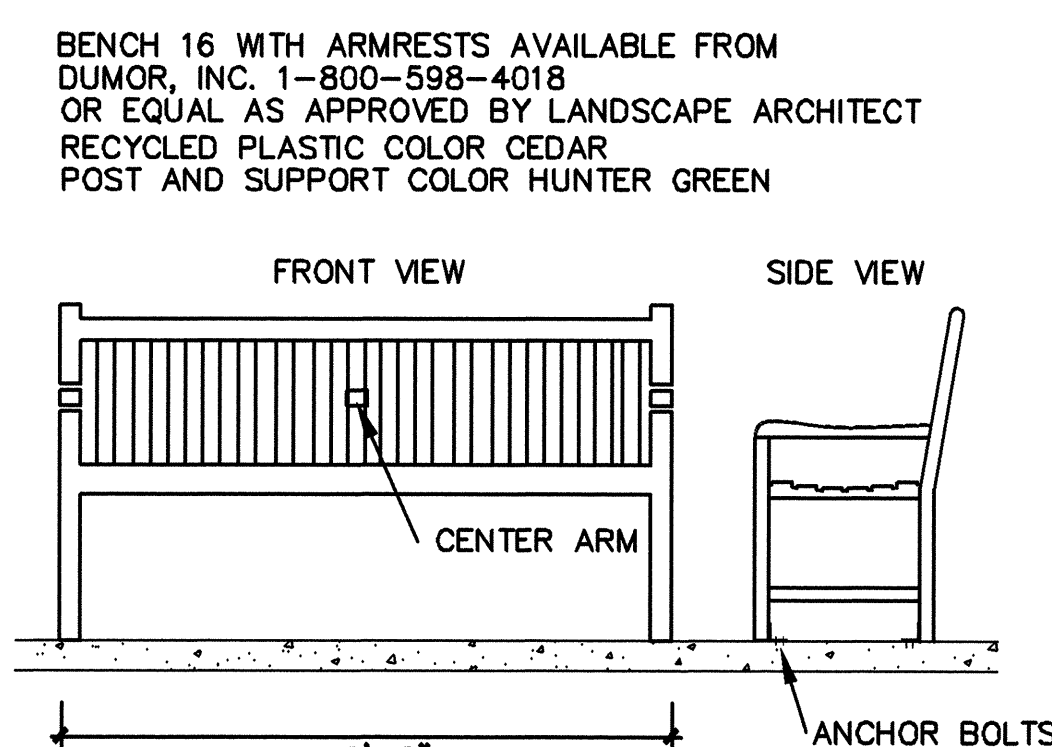
- ADJACENT SIDEWALK**: Indicated by a line pointing to the left edge of the curb.
- EXPANSION JOINT BETWEEN POURS**: Indicated by a line pointing to a vertical joint line within the curb.
- TOOLED JOINT**: Indicated by a line pointing to a vertical joint line within the curb.
- Dimensions**:
 - 15'-0"**: Total length of the curb section.
 - 4'-0"**: Length of the section on the right side.
 - 10"**: Thickness of the curb.

6 N.T.S

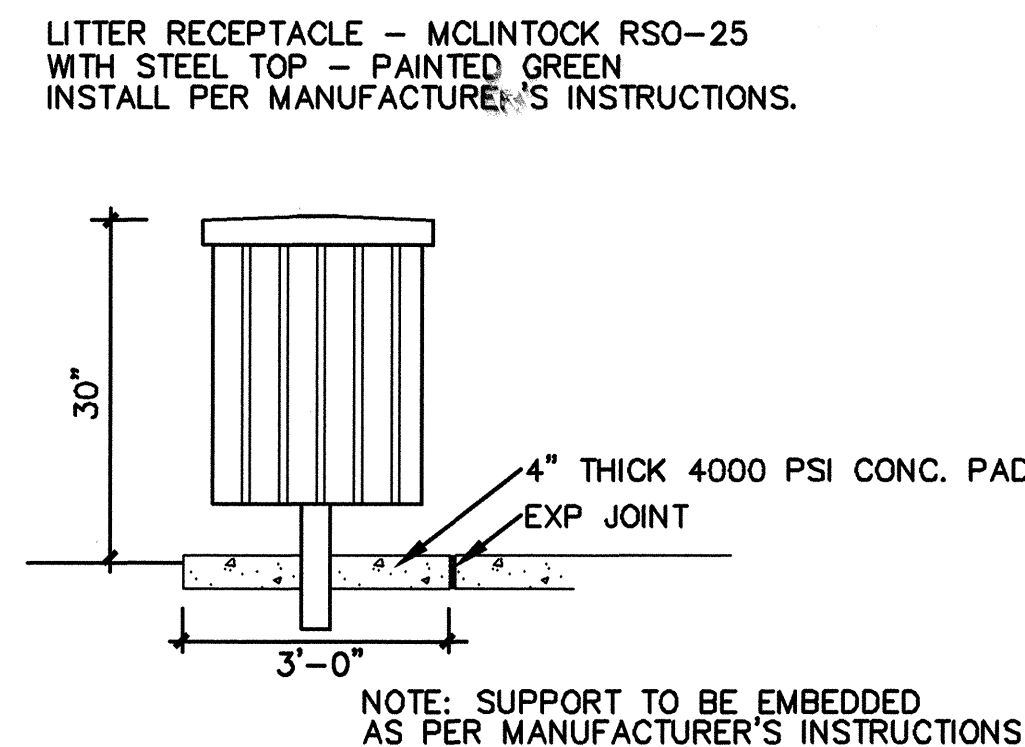
| KEY | SCIENTIFIC NAME | COMMON NAME | SIZE | MAT. SIZE | CONDITION | QNTY | WATER USE | REMARKS |
|-----|-----------------|-------------|------|-----------|-----------|------|-----------|---------|
|-----|-----------------|-------------|------|-----------|-----------|------|-----------|---------|

NOTE: PLANT QUANTITIES ARE FOR THE CONVENIENCE OF THE LANDSCAPE ARCHITECT. CONTRACTOR SHALL MAKE THEIR OWN QUANTITY TAKE-OFFS. UNLESS NOTED OTHERWISE, ALL SHRUB BEDS SHALL RECIEVE TAN CRUSHER FINES 4" DEEP.

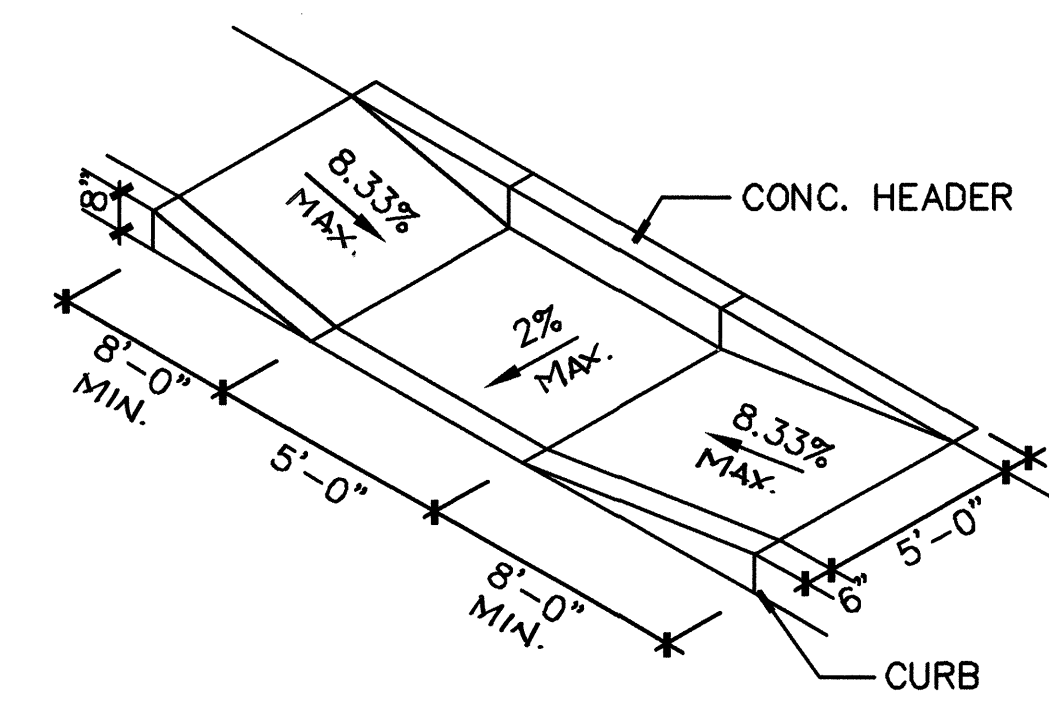
NOTE: PLANT QUANTITIES ARE FOR THE CONVENIENCE OF THE LANDSCAPE ARCHITECT. CONTRACTOR SHALL MAKE THEIR OWN QUANTITY TAKE-OFFS. UNLESS NOTED OTHERWISE, ALL SHRUB BEDS SHALL RECEIVE TAN CRUSHER FINES 4" DEEP.



6 N.T.S.



6 N.T.S



6 NTS

1. CONTRACTOR SHALL EXAMINE THE SITE AND FAMILIARIZE

1. CONTRACTOR SHALL EXAMINE THE SITE AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS PERTINENT TO THIS WORK.
2. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION OF ALL UNDERGROUND UTILITIES AND TO AVOID DAMAGE TO SAME.
3. THE CONTRACTOR WILL NOT WILLFULLY INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE PLANS WHEN IT IS OBVIOUS IN THE FIELD THAT CONDITIONS EXIST WHICH MIGHT NOT HAVE BEEN CONSIDERED IN THE DESIGN OF THE SYSTEM. SUCH CONDITIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. IN THE EVENT CONTRACTOR DOES NOT NOTIFY THE LANDSCAPE ARCHITECT, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
4. IRRIGATION SYSTEM HAS BEEN DESIGNED TO A STATIC PRESSURE OF 75 PSI WITH A MAXIMUM DEMAND OF 72 GPM.
5. ACTUAL FIELD CONDITIONS MAY NECESSITATE ADDING, DELETING, OR MAKING MINOR ADJUSTMENTS IN SPACING OF HEADS TO INSURE UNIFORM COVERAGE AND DISTRIBUTION.
6. ALL PRESSURE LINES TO BE SCH. 40 PVC A MINIMUM 24" BELOW FINISH GRADE. ALL LATERAL LINES TO BE SCH. 40 PVC A MINIMUM 12" BELOW FINISH GRADE.
7. ALL POP-UP TYPE IRRIGATION HEADS INSTALLED IN LAWN AREAS SHALL BE INSTALLED SO THAT THE TOP OF HEAD IS 1 INCH ABOVE FINISH GRADE, AND 8" FROM ANY PAVED SURFACE.
8. THE CONTRACTOR SHALL VERIFY ALL PLANT LOCATIONS WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLING PLANTS.

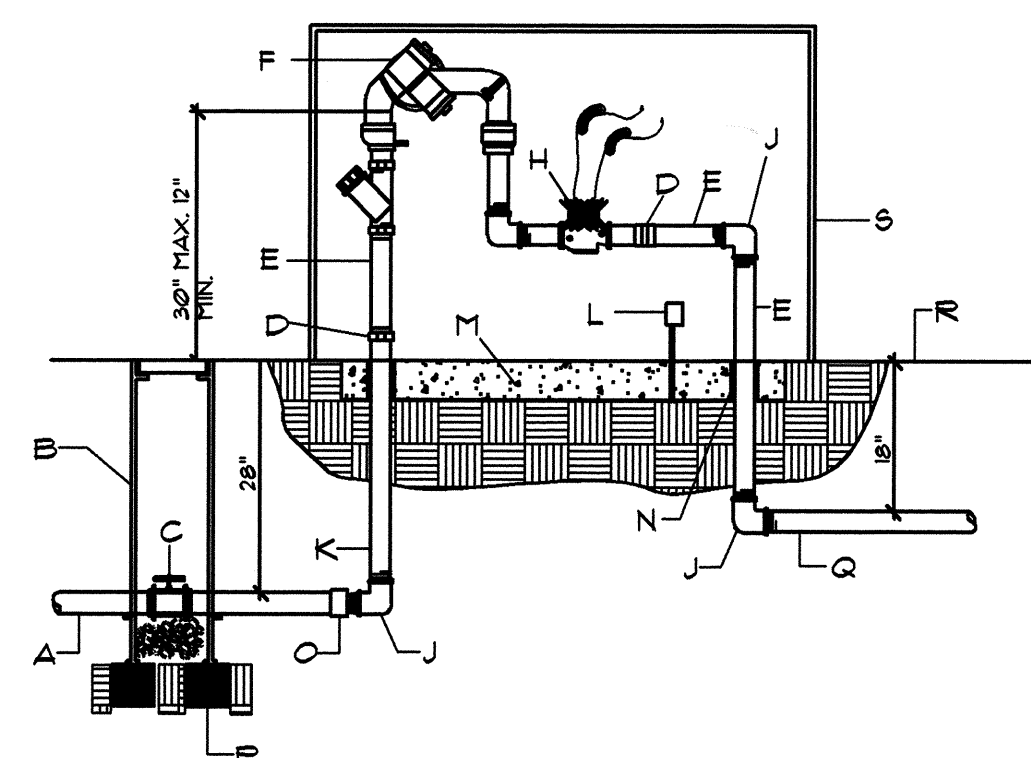
HARDSCAPE

HARDSCAPE
DWG 2430 - CONCRETE WALK
DWG 2727 - LANDSCAPE - CONCRETE EDGER AT PLANTER
DWG 2415 - STANDARD CURB AND GUTTER

IRRIGATION

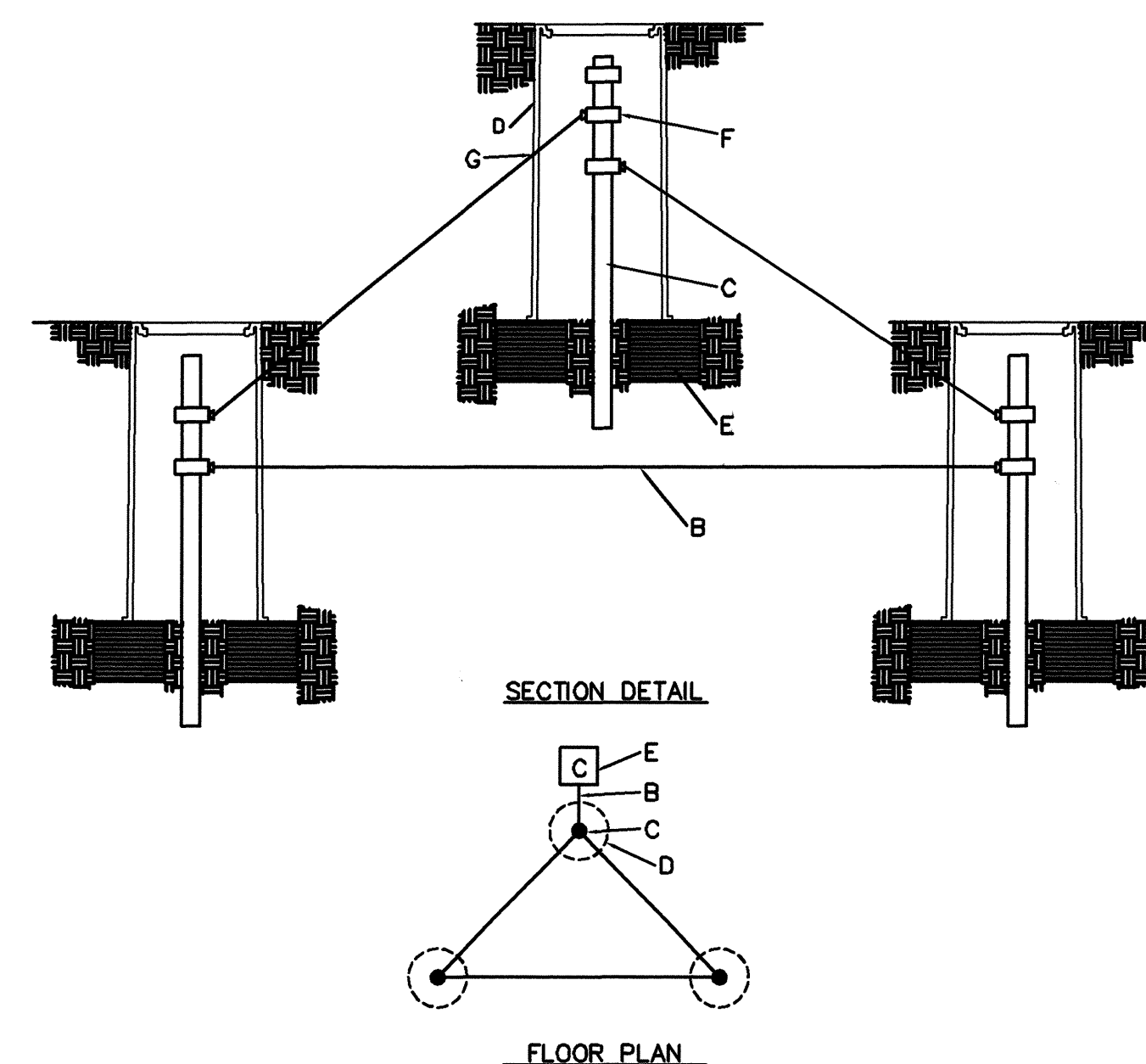
| | | |
|----------|-------------|--|
| DWG 2703 | - LANDSCAPE | - IRRIGATION ELECTRIC VALVE |
| DWG 2705 | - LANDSCAPE | - AIR RELIEF VALVE |
| DWG 2708 | - LANDSCAPE | - SPRINKLER HEAD W/ FLEX PIPE ASSEMBLY |
| DWG 2710 | - LANDSCAPE | - IRRIGATION BUBBLER HEAD AT TREE |
| DWG 2712 | - LANDSCAPE | - IRRIGATION BUBBLER HEAD IN TREE GRA |

PLANTING
DWG 2713 - LANDSCAPE - TREE PLANTED IN TURF
DWG 2714 - LANDSCAPE - ISOLATED TREE PLANTING
DWG 2717 - LANDSCAPE - ISOLATED SHRUB PLANTING



- | | |
|--------------------------------|---|
| CONSTRUCTION NOTES | |
| A. SERVICE LINE TO WATER METER | J. GALVANIZED ELL |
| B. BROOKS PRODUCTS INC. | K. GALVANIZED RISER |
| 1730 PB-18BOD (ABS) VALVE | L. 110V ELECTRICAL OUTLET FOR |
| BOY W/ BOY DOWN COVER (ABS) | HEATED PROTECTIVE ENCLOSURE |
| AND ONE EXTENSION | MUST BE PLACED AWAY FROM |
| C. TRUE UNION SCHEDULE 80 PVC | RELIEF VALVE |
| BALL VALVE | M. MIN. 4" CONCRETE SLAB |
| D. GALVANIZED UNION | N. ADEQUATE PVC SLEEVING & INSULATION (MIN. 1" THICK) |
| (min. 4" above grade) | O. PVC MIP ADAPTER |
| E. GALVANIZED NIPPLE | P. 8" x 8" x 16" SOLID CMU BLOCK |
| F. FEBCO MODEL 825 YA RPBA | Q. NON-CONSTANT PRESSURE IRRIGATION |
| BACKFLOW PREVENTER | MAINLINE |
| (REFERENCE DRAWINGS) | R. FINISH GRADE |
| H. FLOWMETER W/ MASTER VALVE | S. PROTECTIVE ENCLOSURE SEE CITY |
| (REFERENCE DRAWINGS) | STANDARD DWG. 2389 FOR CRITERIA |

6 NTS



- CONSTRUCTION NOTES:**
- A. MIR CONTROLLER UNIT
 - B. # 10 ASW WIRE FROM MIR CONTROLLER UNIT. WIRE SHOULD BE TIGHT AND STRAIGHT
 - C. GROUNDED ROD MUST BE PLACED IN A WATERED AREA SET 8' FROM CONTROLLER AND 8' FROM ONE ROD TO ANOTHER.
 - D. 7" DIAM. 9" DEEP BROOKS VALVE BOX 700 SERIES WITH COVER.
 - E. 8"x8"x16" SOLID CMU BLOCK
 - F. GROUND ROD CLAMP AVAILABLE THRU SIMPSON NORTON IRRIGATION.
 - G. INSTALL NEW OPENING REQUIRED TO MAINTAIN A TIGHT AND STRAIGHT WIRE.

6



the
Landscape
Group

LANDSCAPE & GOLF COURSE ARCHITECTURE

800 CORPUS AVENUE NW ALBUQUERQUE NEW MEXICO 87102
TEL. (505) 265-2266 FAX (505) 265-9787

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: VISTA NUEVA PARK
DETAILS

| | | | | | | |
|---|--|--|--|--------------------|--------------------|--------------------|
| Design Review Committee  | | City Engineer Approval  | | Last Design Update | Month / Day / Year | Month / Day / Year |
| | | | | | | |
| City Project No. 637793 | | Zone Map No. H-19-Z | | Sheet 6 | Of 89 | |

| SYM. | PRODUCT DESCRIPTION |
|------|---------------------|
|------|---------------------|

 TREE LOCATIONS



NOTE: PLANT QUANTITIES ARE FOR THE CONVENIENCE OF THE LANDSCAPE ARCHITECT. CONTRACTOR SHALL MAKE THEIR OWN QUANTITY TAKE-OFFS. UNLESS NOTED OTHERWISE, ALL SHRUB BEDS SHALL RECEIVE TAN CRUSHER FINES 4" DEEP.

NOTE: PLANT QUANTITIES ARE FOR THE CONVENIENCE OF THE LANDSCAPE ARCHITECT. CONTRACTOR SHALL MAKE THEIR OWN QUANTITY TAKE-OFFS. UNLESS NOTED OTHERWISE, ALL SHRUB BEDS SHALL RECEIVE TAN CRUSHER FINES 4" DEEP.



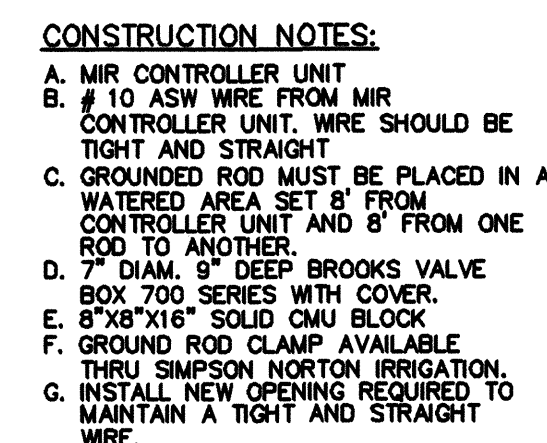
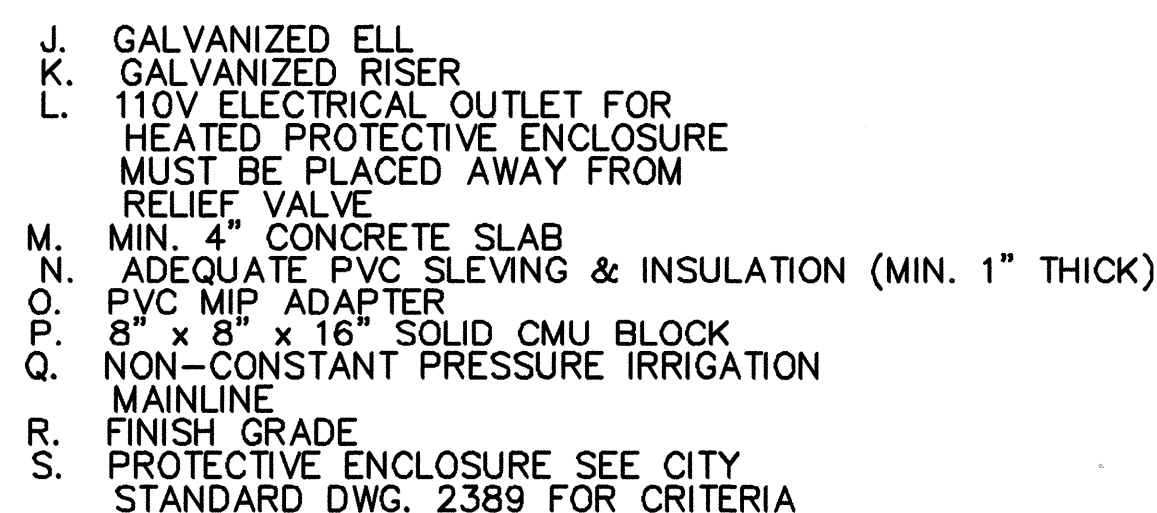
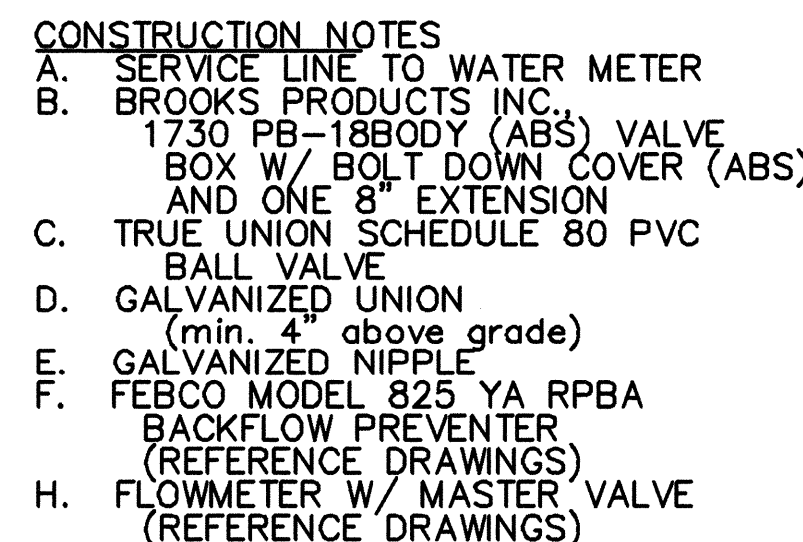
1. CONTRACTOR SHALL EXAMINE THE SITE AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS PERTINENT TO THIS WORK.
2. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION OF ALL UNDERGROUND UTILITIES AND TO AVOID DAMAGE TO SAME.
3. THE CONTRACTOR WILL NOT WILLFULLY INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE PLANS WHEN IT IS OBVIOUS IN THE FIELD THAT CONDITIONS EXIST WHICH MIGHT NOT HAVE BEEN CONSIDERED IN THE DESIGN OF THE SYSTEM. SUCH CONDITIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. IN THE EVENT CONTRACTOR DOES NOT NOTIFY THE LANDSCAPE ARCHITECT, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
4. IRRIGATION SYSTEM HAS BEEN DESIGNED TO A STATIC PRESSURE OF 75 PSI WITH A MAXIMUM DEMAND OF 72 GPM.

5. ACTUAL FIELD CONDITIONS MAY NECESSITATE ADDING, DELETING, OR MAKING MINOR ADJUSTMENTS IN SPACING OF HEADS TO INSURE UNIFORM COVERAGE AND DISTRIBUTION.
6. ALL PRESSURE LINES TO BE SCH. 40 PVC A MINIMUM 24" BELOW FINISH GRADE. ALL LATERAL LINES TO BE SCH. 40 PVC A MINIMUM 12" BELOW FINISH GRADE.
7. ALL POP-UP TYPE IRRIGATION HEADS INSTALLED IN LAWN AREAS SHALL BE INSTALLED SO THAT THE TOP OF HEAD IS 1 INCH ABOVE FINISH GRADE, AND 8" FROM ANY PAVED SURFACE.
8. THE CONTRACTOR SHALL VERIFY ALL PLANT LOCATIONS WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLING PLANTS.

LANDSCAPE
DWG 2430 - CONCRETE WALK
DWG 2727 - LANDSCAPE - CONCRETE EDGER AT PLANTER
DWG 2415 - STANDARD CURB AND GUTTER

IRRIGATION
DWG 2703 - LANDSCAPE - IRRIGATION ELECTRIC VALVE
DWG 2705 - LANDSCAPE - AIR RELIEF VALVE
DWG 2706 - LANDSCAPE - SPRINKLER HEAD W/ FLEX PIPE ASSEMBLY
DWG 2710 - LANDSCAPE - IRRIGATION BUBBLER HEAD AT TREE
DWG 2712 - LANDSCAPE - IRRIGATION BUBBLER HEAD IN TREE GRATE

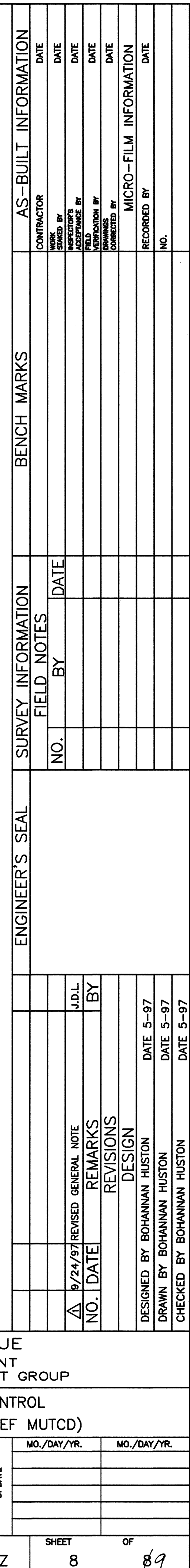
PLANTING
DWG 2713 - LANDSCAPE - TREE PLANTED IN TURF
DWG 2714 - LANDSCAPE - ISOLATED TREE PLANTING
DWG 2717 - LANDSCAPE - ISOLATED SHRUB PLANTING

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: VISTA NUEVA PARK
DETAILS

| | | | | |
|-------------------------|------------------------|------------------------|--------------------|--------------------|
| Design Review Committee | City Engineer Approval | Last Design Update | Month / Day / Year | Month / Day / Year |
| | | | | |
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| | | | | |
| City Project No. | 637793 | Zone Map No. H-19-Z | Sheet 6 | Of 89 |

[illegible]



CU AND DU CALCULATIONS

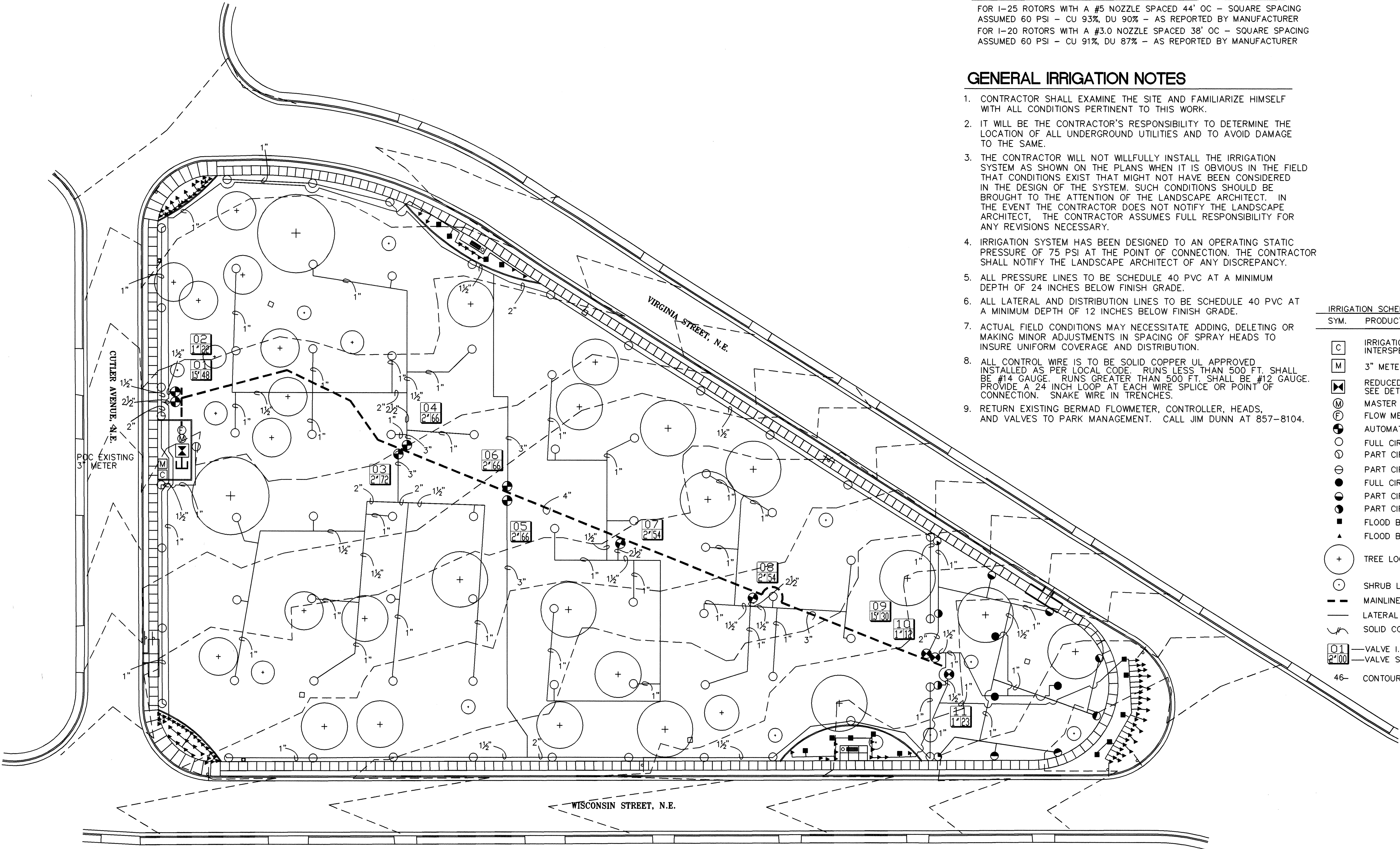
FOR 1-25 ROTORS WITH A #5 NOZZLE SPACED 44' OC - SQUARE SPACING
ASSUMED 60 PSI - CU 93%, DU 90% - AS REPORTED BY MANUFACTURER
FOR 1-20 ROTORS WITH A #3.0 NOZZLE SPACED 38' OC - SQUARE SPACING
ASSUMED 60 PSI - CU 91%, DU 87% - AS REPORTED BY MANUFACTURER

GENERAL IRRIGATION NOTES

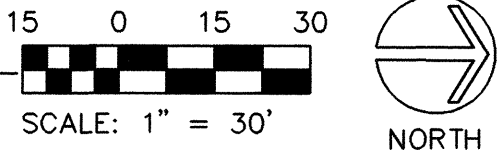
1. CONTRACTOR SHALL EXAMINE THE SITE AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS PERTINENT TO THIS WORK.
2. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION OF ALL UNDERGROUND UTILITIES AND TO AVOID DAMAGE TO THE SAME.
3. THE CONTRACTOR WILL NOT WILLFULLY INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE PLANS WHEN IT IS OBVIOUS IN THE FIELD THAT CONDITIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE DESIGN OF THE SYSTEM. SUCH CONDITIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. IN THE EVENT THE CONTRACTOR DOES NOT NOTIFY THE LANDSCAPE ARCHITECT, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
4. IRRIGATION SYSTEM HAS BEEN DESIGNED TO AN OPERATING STATIC PRESSURE OF 75 PSI AT THE POINT OF CONNECTION. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCY.
5. ALL PRESSURE LINES TO BE SCHEDULE 40 PVC AT A MINIMUM DEPTH OF 24 INCHES BELOW FINISH GRADE.
6. ALL LATERAL AND DISTRIBUTION LINES TO BE SCHEDULE 40 PVC AT A MINIMUM DEPTH OF 12 INCHES BELOW FINISH GRADE.
7. ACTUAL FIELD CONDITIONS MAY NECESSITATE ADDING, DELETING OR MAKING MINOR ADJUSTMENTS IN SPACING OF SPRAY HEADS TO INSURE UNIFORM COVERAGE AND DISTRIBUTION.
8. ALL CONTROL WIRE IS TO BE SOLID COPPER UL APPROVED INSTALLED AS PER LOCAL CODE. RUNS LESS THAN 500 FT. SHALL BE #14 GAUGE. RUNS GREATER THAN 500 FT. SHALL BE #12 GAUGE. PROVIDE A 24 INCH LOOP AT EACH WIRE SPLICE OR POINT OF CONNECTION. SNAKE WIRE IN TRENCHES.
9. RETURN EXISTING BERMAD FLOWMETER, CONTROLLER, HEADS, AND VALVES TO PARK MANAGEMENT. CALL JIM DUNN AT 857-8104.

IRRIGATION SCHEDULE

| SYM. | PRODUCT DESCRIPTION |
|-----------|---|
| [C] | IRRIGATION CONTROLLER - IRRINET 12 STATION - IN AN INTERSPEC BOX |
| [M] | 3" METER |
| [R] | REDUCED PRESSURE BACKFLOW PREVENTION UNIT - 4" SEE DETAIL 5 ON SHEET 6. |
| [F] | MASTER METER FLOW METER |
| [V] | AUTOMATIC VALVE - RAINBIRD PEB SERIES SIZED PER PLAN |
| [O] | FULL CIRCLE ROTOR - HUNTER I-25-36V-5 |
| [P] | PART CIRCLE ROTOR - HUNTER I-25-ADV-5 |
| [Q] | PART CIRCLE ROTOR - HUNTER I-25-ADV-5 |
| [R] | FULL CIRCLE ROTOR - HUNTER I-20-36S-4.5LA |
| [S] | PART CIRCLE ROTOR - HUNTER I-20-ADS-3.0 |
| [T] | PART CIRCLE ROTOR - HUNTER I-20-ADS-1.0 |
| [U] | FLOOD BUBBLER - HUNTER PCB-50 |
| [V] | FLOOD BUBBLER - HUNTER PCB-25 |
| [+] | TREE LOCATIONS |
| [•] | SHRUB LOCATIONS |
| [—] | MAINLINE - SIZED PER PLAN - SEE GENERAL NOTES |
| [—] | LATERAL SCHEDULE 40 PVC SIZED PER PLAN |
| [—] | SOLID COPPER DIRECT BURIAL CONTROL WIRE |
| [01 2"00] | — VALVE I.D. — VALVE SIZE VALVE GPM |
| 46- | CONTOUR LINE |



IRRIGATION PLAN



VALVE LEGEND

| VALVE NO. | HEAD OR EMITTER TYPE | NOZZLE SIZE | VALVE SIZE | GPM |
|-----------|----------------------|-------------|------------|-----|
| 01 | I-25 ROTOR - HALF | 5 | 1.5" | 48 |
| 02 | FLOOD BUBBLER | .25 / .5 | 1" | 22 |
| 03 | I-25 ROTOR - FULL | 5 | 2" | 72 |
| 04 | I-25 ROTOR - FULL | 5 | 2" | 66 |
| 05 | I-25 ROTOR - HALF | 5 | 2" | 66 |
| 06 | I-25 ROTOR - HALF | 5 | 2" | 66 |
| 07 | I-25 ROTOR - FULL | 5 | 2" | 54 |
| 08 | I-25 ROTOR - FULL | 5 | 2" | 54 |
| 09 | I-20 ROTOR - HALF | 1.0-3.0 | 1.5" | 30 |
| 10 | I-20 ROTOR - FULL | 4.5LA | 1" | 12 |
| 11 | FLOOD BUBBLER | .25 / .5 | 1" | 23 |
| M | MASTER | NA | 4" | |

IRRIGATION SCHEDULE

| PROGRAM | VALVES | PR CALC | SC | RUN TIME | CYCLES | TOTAL GPM |
|------------|--------|---------|-----|----------------------------|--------|-----------|
| A | 1,5 | .48 | 1.2 | 1.04 | 1 | 114 |
| B | 6 | .48 | 1.2 | 1.04 | 1 | 66 |
| C | 3,7 | .24 | 1.2 | 2.08 | 1 | 126 |
| D | 4,8 | .24 | 1.2 | 2.08 | 1 | 120 |
| E | 9,10 | .320 | 1.1 | 1.56 | 1 | 42 |
| F | 2,11 | NA | NA | NA | 1 | 45 |
| 99 | M | | | MAX FLOW @ MASTER | | 126 |
| TOTAL TIME | | | | APPLIES 1/2" IN 7.80 HOURS | | |

the
Landscape
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LANDSCAPE & GOLF COURSE ARCHITECTURE
400 CORTLAND AVENUE, N.W.
ALBUQUERQUE, NEW MEXICO 87102
TEL. (505) 262-2266 FAX (505) 262-4487

| AS BUILT INFORMATION | | BENCH MARK | | SURVEY INFORMATION | | LANDSCAPE ARCHITECT'S SEAL | | By | | Revisions / Remarks | | Date | | No. | |
|----------------------|--|------------------------|--|--------------------|--|----------------------------|--|----|--|---------------------|--|------|--|-----|--|
| CONTRACTOR | | WORK STAKED BY | | FIELD NOTES | | | | | | | | | | | |
| DATE: | | INSPECTOR'S APPROVAL | | BY | | | | | | | | | | | |
| DATE: | | FIELD VERIFICATION BY | | NO. | | | | | | | | | | | |
| DATE: | | DRAWING CORRECTED BY | | | | | | | | | | | | | |
| DATE: | | MICRO-FILM INFORMATION | | | | | | | | | | | | | |
| DATE: | | RECORDED BY | | | | | | | | | | | | | |
| NO. | | | | | | | | | | | | | | | |

Designed By: THE LANDSCAPE GROUP, INC. Date: 7/9/03
Drawn By: THE LANDSCAPE GROUP, INC. Date: 7/9/03
Checked By: THE LANDSCAPE GROUP, INC. Date: 7/9/03

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: INEZ PARK
IRRIGATION AS-BUILT PLAN

| | | | |
|-------------------------|------------------------|--------------------|--------------------|
| Design Review Committee | City Engineer Approval | Month / Day / Year | Month / Day / Year |
| | | | |
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City Project No. 637793 Zone Map No. H-19-Z Sheet 19 Of 19