

Consideration of Lea County Resolution No. 22-FEB-040R Accepting a Proposal and Authorizing a Cooperative Educational Services (CES) Task Order with Mountain West Golfscapes for the Completion of Landscaping at

the Lea County Regional Airport

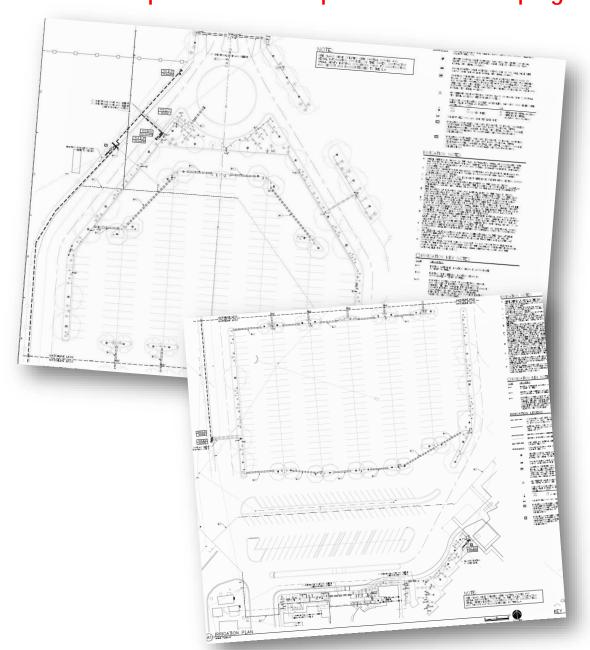
The Lea County Regional Airport recently completed the expansion of the commercial aircraft terminal and parking lots. These projects were completed as two separate designs, contracts and construction companies. For this reason, staff chose to separate the landscaping from the previous contracts so that a uniform landscaping could be provided for the entire airport area.

Lea County hired MRWM Landscape architects to complete a irrigation and landscape design, vet qualified landscape contractors and recommend a CES proposal for the proposed work.

Mountain West Golfscapes submitted a qualified CES proposed and its recommend by MRWM Landscape Architects to complete the landscaping project at Lea County Regional Airport.

454-18-4708 Budgeted: \$600,000

Proposal amount (including taxes): \$514,672





LEA COUNTY BOARD OF COUNTY COMMISSIONERS AGENDA ITEM SUMMARY FORM

LCBCC Meeting Date: Thursday, February 17, 2022

Submit this summary form & all attachments to the Finance Director clow@leacounty.net & cc the Executive Coordinator sstout@leacounty.net by: Monday, February 7, 2022

County Manager Approval mgallagher@leacounty.net required for all time sensitive issues that do not meet the above deadline.

| DATE SUBMITTED mm-dd-yyyy: | SUBMITTED BY Name, Title, Dept: | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--|--|--|--|
| 02/11/2022 | Corey Needham, ACM | | | | |
| SUBJECT: | ATTACHMENT(S): | | | | |
| Cooperative Educational Services (CES) Task Order with Mountain West Golfscapes for Landscaping at Lea County Regional Airport | Gordian - CES taskorder | | | | |
| NO. OF ORIGINALS FOR SIGNATURE: | ACTION REQUESTED: | | | | |
| 1 Resolution | Action Item | | | | |
| BUDGET LINE ITEM NUMBER: | FISCAL BUDGET YEAR: | | | | |
| 454-18-4708 | FY 21/22 | | | | |
| STRATEGIC PLAN Implementation of 5 Year Strategic Plan: | | | | | |
| Airports that are maintained and improved with new facilities (goal: increase | e capacity for changing commercial aircraft.) | | | | |
| SUMMARY: | | | | | |
| The Lea County Regional Airport recently completed the expansion of the completed as two separate designs, contracts and construction companies previous contracts so that a uniform landscaping could be provided for the | For this reason, staff chose to separate the landscaping from the | | | | |
| Lea County hired MRWM Landscape architects to complete a irrigation and CES proposal for the proposed work. | | | | | |
| Mountain West Golfscapes submitted a qualified CES proposed and its rec project at Lea County Regional Airport. | ommend by MRWM Landscape Architects to complete the landscaping | | | | |
| 454-18-4708 Proposal amount (including taxes): \$514,672 | | | | | |
| Requested Items Needed for Presentation Easels/La Easel Laptop Projector If checked; how many: | otop/Projector/Etc.: Other: See Additional Summary Attached | | | | |
| SUBMITTER'S RECOMMENDATION(S): | Submitter's Signature | | | | |
| approval | Department Director, Etc. Corey Needham Date: 2022.02.11 17:40.05 | | | | |
| FINANCE REVIEW Fiscal Impact/Cost: | Reviewed by Finance Director | | | | |
| The financial impact to Lea County will be expenditures from the Lea Regio \$514,672. Funds are budgeted and available in 454-18-4708. | nal Airport Fund of approximately Henry C Low Jr Date: 2022.02.14 09:00:41-07:00 | | | | |
| LEGAL REVIEW: (Note: Travel does not need legal review) | Reviewed by County Attorney | | | | |
| | | | | | |
| COUNTY MANAGER REVIEW: | Approved by County Manager to be Placed on Agenda | | | | |
| | MikeCollogh | | | | |
| Item No. 0209 RECORDING SECRETARY'S USE ON | ILY ~ COMMISSION ACTION TAKEN | | | | |
| | | | | | |
| Approved: Denied: | Other: | | | | |
| Approved: Denied: Policy No Continued To: Referred To: | | | | | |

STATE OF NEW MEXICO COUNTY OF LEA RESOLUTION NO. 22-FEB-040R

A RESOLUTION ACCEPTING A PROPOSAL AND AUTHORIZING A COOPERATIVE EDUCATIONAL SERVICES (CES) TASK ORDER WITH MOUNTAIN WEST GOLFSCAPES FOR THE COMPLETION OF LANDSCAPING AT THE LEA COUNTY REGIONAL AIRPORT

WHEREAS, Lea County recognizes that commercial air service plays a vital role in the economic diversification and stability of Lea County, as well as plays a part in the quality of life for its citizens; and

WHEREAS, Lea County wishes to continue developing the commercial service with enhancements to the commercial terminal and parking areas; *and*

WHEREAS, Lea County wishes to enter into an agreement with Mountain West Golfscapes to complete the irrigation and landscaping improvements in the parking lot and terminal area at the Lea County Regional Airport.

NOW, THEREFORE, BE IT HEREBY RESOLVED by the Board of County Commissioners of Lea County that a CES task order for landscaping services to Mountain West Golfscapes at Lea County Regional Airport is hereby approved.

BE IT FURTHER RESOLVED that the Commission Chair and/or County Manager may finalize and sign any agreements consistent with the terms of this resolution.

PASSED AND APPROVED on this 17th day of February, 2022, by the Lea County Board of County Commissioners in an open meeting in Lovington, New Mexico.

LEA COUNTY BOARD OF COUNTY COMMISSIONERS

| Dean Jackson (District 1), Chair | Gary G. Eidson (District 3), Vice Chair | | | |
|-----------------------------------------------------|-----------------------------------------|--|--|--|
| Voted: Yes No Abstain | Voted: Yes No Abstain | | | |
| Rebecca Long (District 2), Member | Jonathan Sena (District 4), Member | | | |
| Voted: Yes No Abstain | Voted: Yes No Abstain | | | |
| Pat Sims (District 5), Member Voted: Yes No Abstain | | | | |

| ATTEST: | Keith Manes Lea County Clerk | APPROVED AS TO FORM AND LEGAL SUFFICIENCY: |
|---------|---------------------------------|--------------------------------------------|
| By: | avis, Deputy Clerk | John W. Caldwell, County Attorney |





Job Order Contract

Price Proposal Summary - CSI

 Date:
 February 01, 2022

 Contract Number:
 2021-07-C105-6

 Job Order Number:
 221221-4.00

Job Order Title: Lea County Regional Airport Contractor: Mountain West Golfscapes

Proposal Value: \$514,672.36

Proposal Name: Lea County Regional Airport

Detailed Scope: Remove and replace existing LS.

| Category - 01 - General Requirements: | \$74,877.11 |
|--------------------------------------------------------------------|--------------|
| Category - 02 - Site Work: | \$25,882.15 |
| Category - 22 - Plumbing: | \$645.55 |
| Category - 23 - Heating, Ventilating, And Air-Conditioning (HVAC): | \$1,967.65 |
| Category - 26 - Electrical: | \$14,234.58 |
| Category - 31 - Earthwork: | \$154,535.24 |
| Category - 32 - Exterior Improvements: | \$232,107.83 |
| Category - 33 - Utilities: | \$10,422.25 |
| Proposal Total | \$514,672.36 |

This proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals.

The Percent of NPP on this Proposal: 4.62%

Price Proposal Summary - CSI Page 1 of 1

Job Order Contract

Price Proposal Detail - CSI

Date: February 01, 2022

 Contract Number:
 2021-07-C105-6

 Job Order Number:
 221221-4.00

Job Order Title: Lea County Regional Airport
Contractor: Mountain West Golfscapes

Proposal Value: \$514,672.36

Proposal Name: Lea County Regional Airport

Adjustment Factor(s) Used: 1.0000-No Adjustment, 1.5250-NWH Requiring State Wage Rates (Outside Tribal Land)

| Rec# | CSI Number Mo | d. UOM | Description | Line Total |
|-------|---------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| CSI - | - 01 - General Requiremen | ts | | |
| 1 | 01 22 16 00 0004 | EA | New Mexico Gross Receipts Tax – Varies by County | \$32,825.80 |
| | User No | Installation e: Tax Rate: | , , , , , , , , , , , , , , , , , , , | Total \$32,825.80 |
| 2 | 01 22 20 00 0010 | HR | ElectricianFor tasks not included in the Construction Task Catalog® and as directed by owner only. | \$6,655.10 |
| | | Installation | Quantity Unit Price Factor 80.00 x \$54.55 x 1.5250 = | Total \$6,655.10 |
| | User No | e: Power to I | rrigation Controllers | |
| 3 | 01 22 20 00 0015 | HR | LaborerFor tasks not included in the Construction Task Catalog® and as directed by owner only. | \$7,267.54 |
| | | Installation | Quantity Unit Price Factor 140.00 x \$34.04 x 1.5250 = | Total \$7,267.54 |
| | User No | e: Labor to s | et valve boxes | |
| | | | Trailer With Up To 53' BedIncludes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom man lifts with >40' boom lengths, etc. | |
| | | - | Quantity Unit Price Factor | Total |
| | | Installation | 4.00 _X \$564.58 _X 1.5250 = | \$3,443.94 |
| 5 | 01 74 19 00 0030 | CY | Asphalt, Concrete, Gravel And Subgrade Material, Landfill Dump Fee | \$10,036.71 |
| | | Installation | Quantity Unit Price Factor 485.00 x \$13.57 x 1.5250 = | Total \$10,036.71 |
| | User No | e: Base Bid- | Dump Fees | |
| 6 | 01 74 19 00 0030 | CY | Asphalt, Concrete, Gravel And Subgrade Material, Landfill Dump Fee | \$6,208.28 |
| | | | Quantity Unit Price Factor | Total |
| | | Installation | × 1.000 | \$6,208.28 |
| | User No | . | ternate-Dump Fees | |
| 7 | 01 74 19 00 0032 | CYM | Hauling On Paved Roads, First 15 Miles | \$3,225.38 |
| | | Installation | Quantity Unit Price Factor 4,500.00 x \$0.47 x 1.5250 = | Total \$3,225.38 |
| | User No | e: Additive A | ternate-haul of removed landscape | |
| 8 | 01 74 19 00 0032 | CYM | Hauling On Paved Roads, First 15 Miles | \$5,214.36 |
| | | Installation | , | Total \$5,214.36 |
| | User No | e: Base Bid- | naul of removed landscape | |

Price Proposal Detail - CSI Page 1 of 6

Job Order Number: 221221-4.00

Job Order Title: Lea County Regional Airport

| Rec# | CSI Number Me | od. UOM | Description | | | | | Line Total |
|-------|------------------------------|------------------|-------------------------------------------|------------------------|--------------------------|-----------|-------------------------|----------------------|
| | otal for CSI - 01 - General | l Requirement | s: | | | | | \$74,877.11 |
| CSI - | - 02 - Site Work | | | | | | | |
| 9 | 02 32 13 00 0026 | VLF | Boreholes | | | | | \$4,183.84 |
| | | Installation | Quantity 465.00 | x | Unit Price \$5.90 | х | Factor 1.5250 = | Total \$4,183.84 |
| 10 | 02 32 19 00 0006 | EA | Hydro Excavation, N | Nobilizatio | on/Demobilization | | | \$126.96 |
| | | Installation | Quantity 1.00 | х | Unit Price \$83.25 | х | Factor 1.5250 = | Total \$126.96 |
| 11 | 02 32 19 00 0009 | CY | Hydro Excavation, A | | ` • | /dro-Vac | Truck)Adverse soil | \$13,948.26 |
| | | | Quantity | | Unit Price | | Factor | Total |
| | | Installation | 206.00 | Х | \$44.40 | Х | 1.5250 = | \$13,948.26 |
| 12 | 02 41 13 15 0005 | SF | >6" To 8" Depth, Hy | dro Demo | olition, Using 40,00 | 00 PSI W | /ater Jet | \$7,623.09 |
| | | Installation | Quantity 465.00 | х | Unit Price \$10.75 | x | Factor 1.5250 = | Total \$7,623.09 |
| | | | | | ****** | ^ | | |
| | otal for CSI - 02 - Site Wo | rk: | | | | | | \$25,882.15 |
| CSI - | - 22 - Plumbing | | | | | | | |
| 13 | 22 11 16 00 0983 | EA | 1" Schedule 80 Chlo | orinated F | Polyvinyl Chloride | (CPVC) I | Unions | \$44.12 |
| | | Installation | Quantity | | Unit Price | | Factor | Total \$44.12 |
| | | Installation | 1.00 | X | \$28.93 | X | 1.5250 = | · |
| 14 | 22 11 16 00 0985 | EA | 1-1/2" Schedule 80 | Chlorinate | | ide (CPV | · | \$601.43 |
| | | Installation | Quantity 7.00 | х | Unit Price \$56.34 | x | Factor 1.5250 = | Total \$601.43 |
| Subte | otal for CSI - 22 - Plumbir | ng: | | | | | | \$645.55 |
| CSI - | - 23 - Heating, Ventilating | , And Air-Con | ditioning (HVAC) |) | | | | |
| 15 | 23 05 23 00 0215 | EA | 1-1/2" Ethylene Pro (PVC), True Union, | | | | als, Polyvinyl Chloride | \$1,856.32 |
| | | | Quantity | | Unit Price | 71 | Factor | Total |
| | | Installation | 11.00 | Х | \$110.66 | Х | 1.5250 = | \$1,856.32 |
| 16 | 23 05 23 00 0236 | EA | 1" Socket, Viton Sea | al, Polyvir | nyl Chloride (PVC) |), True U | nion, Ball Valve | \$111.33 |
| | | Installation | Quantity 1.00 | х | Unit Price \$73.00 | х | Factor 1.5250 = | Total \$111.33 |
| Subt | otal for CSI - 23 - Heating | Ventilating | And Air Conditio | ning /L | I\/A.C.\· | | | \$1,967.65 |
| | - 26 - Electrical | , ventuating, z | Alla All-Collaitio | illig (ii | ivacj. | | | \$1,907.03 |
| _ | | MIE | 2 Canductors #44 | NA/C. Tim | A A OTUUL Called | A a al | Cabla | ¢44.024.50 |
| 17 | 26 05 19 16 0156 | MLF | 2 Conductors, #14 A | wG, Typ | | Armorea | | \$14,234.58 |
| | | Installation | Quantity 5.00 | x | Unit Price \$1,866.83 | x | Factor 1.5250 = | Total \$14,234.58 |
| Subte | otal for CSI - 26 - Electric | al: | | | | | | \$14,234.58 |
| CSI - | - 31 - Earthwork | | | | | | | |
| 18 | 31 11 00 00 0002 | ACR | Clear And Grub Light removal of stump | nt Trees L | Jp To 6" Diameter | , Cut And | ChipIncludes grub and | \$3,589.02 |
| | 11 | Installation | Quantity 0.60 | X | Unit Price \$3,922.43 | х | Factor 1.5250 = | Total \$3,589.02 |
| | User No | ote: Dase Bid-re | emove existing landso | ар е ——— | | | | |

Page 2 of 6 2/1/2022 Price Proposal Detail - CSI

Job Order Number: 221221-4.00

Job Order Title: Lea County Regional Airport

| Rec# | cs | i Nu | mbe | r | Mod. | UOM | Description | | | | | | Line Total |
|-------|--------|------|-----|----------|------------|---------------|------------------------------------------|----------|-----------------------|-----------|-------------------|-------------|----------------------|
| CSI - | - 31 - | - Ea | rth | work | | | | | | | | | |
| 19 | 31 | 11 | 00 | 00 0003 | | ACR | Clear And Grub Light | Stumps | Only Up To 6" Di | ameter | | | \$617.66 |
| | | | | | | | Quantity | | Unit Price | | Factor | | Total |
| | | | | | | Installation | 0.37 | Х | \$1,094.66 | Х | 1.5250 | = | \$617.66 |
| | | | | | User Note: | | ernate-remove existing | | • | | | | |
| 20 | 31 | 11 | 00 | 00 0015 | | CY | Machine Loading Of | Cleared | And Grubbed Ma | terial | | | \$4,001.37 |
| | | | | | | Installation | Quantity 485.00 | | Unit Price \$5.41 | | Factor 1.5250 | _ | Total \$4,001.37 |
| | | | | | Haan Nata. | | 465.00 ad removed landscape | X | Ф 5.41 | Х | 1.5250 | _ | ψ4,001.07 |
| 21 | 21 | 11 | 00 | 00 0015 | User Note: | CY | Machine Loading Of | | And Grubbed Ma | torial | | | \$2,475.08 |
| 21 | 31 | " | 00 | 00 00 13 | | | | oleal eu | | lenai | Factor | | |
| | | | | | | Installation | Quantity 300.00 | х | Unit Price \$5.41 | x | Factor 1.5250 | = | Total \$2,475.08 |
| | | | | | User Note: | Additive Alte | ernate-load removed la | | • | ^ | | | |
| 22 | 31 | 23 | 16 | 13 0002 | | CY | 12" Wide or Less, Ex | cavation | for Trenching by | Machine | in Soil | | \$32,086.00 |
| | | | | | | - | Quantity | | Unit Price | | Factor | | Total |
| | | | | | | Installation | 4,000.00 | х | \$5.26 | х | 1.5250 | = | \$32,086.00 |
| 23 | 31 | 23 | 16 | 13 0007 | | CY | Excavation For Trend | , | | des stocl | kpiling excess n | naterials | \$39,512.75 |
| | | | | | | | Quantity | | Unit Price | | Factor | | Total |
| | | | | | | Installation | 500.00 | Х | \$51.82 | Х | 1.5250 | = | \$39,512.75 |
| 24 | 31 | 23 | 16 | 13 0013 | | CY | Compaction of Fill or Etcetera | Subbas | e for Trenches by | Vibratory | y Plate , Air Tam | per, | \$13,953.75 |
| | | | | | | | Quantity | | Unit Price | | Factor | | Total |
| | | | | | | Installation | 3,000.00 | Х | \$3.05 | Х | 1.5250 | = | \$13,953.75 |
| 25 | 31 | 23 | 16 | 13 0014 | | CY | Compaction of Fill or | Subbase | e for Trenches by | Hand | | | \$37,149.00 |
| | | | | | | Installation | Quantity 1,500.00 | x | Unit Price \$16.24 | х | Factor 1.5250 | = | Total \$37,149.00 |
| 26 | 31 | 23 | 16 | 13 0022 | | LF | Direct Burial of Cable | or Pipin | ig >12" to 24" Dee | ер | | | \$921.86 |
| | | | | | | | Quantity | | Unit Price | | Factor | | Total |
| | | | | | | Installation | 465.00 | х | \$1.30 | Х | 1.5250 | = | \$921.86 |
| 27 | 31 | 23 | 16 | 13 0039 | | LF | Backfill 4" Wide, 12" | Deep Tre | ench, With Compa | action | | | \$63.82 |
| | | | | | | | Quantity | | Unit Price | | Factor | | Total |
| | | | | | | Installation | 465.00 | Х | \$0.09 | Х | 1.5250 | = | \$63.82 |
| 28 | 31 | 23 | 16 | 33 0007 | | CY | Spreading, Shaping, Excavation by Machin | | igh Grading Impo | rted or S | tockpiled Mater | al for Bulk | \$87.23 |
| | | | | | | Installation | Quantity 20.00 | | Unit Price \$2.86 | | Factor 1.5250 | _ | Total \$87.23 |
| | | | | | | | | Х | | Х | | | · |
| 29 | 31 | 23 | 16 | 33 0009 | | CY | Cutting, Shaping and Machine | Rough | | Elevation | | vation by | \$145.03 |
| | | | | | | Installation | Quantity 30.00 | x | Unit Price \$3.17 | х | Factor 1.5250 | = | Total \$145.03 |
| 30 | 31 | 23 | 16 | 33 0016 | | SY | Finish Grading for Bu | | | | 1.0200 | | \$117.12 |
| | | | | | | | Quantity | | Unit Price | | Factor | | Total |
| | | | | | | Installation | 240.00 | х | \$0.32 | х | 1.5250 | = | \$117.12 |
| 31 | 31 | 23 | 16 | 33 0018 | | SY | Compaction of Fill or | Subbas | e for Bulk Excava | tion by M | lachinePer Lift | | \$117.12 |
| | | | | | | | Quantity | | Unit Price | | Factor | | Total |
| | | | | | | Installation | 240.00 | Х | \$0.32 | Х | 1.5250 | = | \$117.12 |

Page 3 of 6 2/1/2022 Price Proposal Detail - CSI

Job Order Number: 221221-4.00

Job Order Title: Lea County Regional Airport

| Rec# | CSI Number | Mod. | UOM | Description | | | | | Line Total |
|-------|---------------------|------------|--------------|------------------------------------------------|-----------|------------------------|-----------|----------------------------|-----------------------|
| CSI - | - 31 - Earthwork | | | | | | | | |
| 32 | 31 23 16 36 002 | 5 | SY | Finish Grading For Bu | uilding F | oundations And C | ther Stru | ctures by Machine | \$8,550.68 |
| | | | Installation | Quantity 6,300.00 | x | Unit Price \$0.89 | х | Factor 1.5250 = | Total \$8,550.68 |
| 33 | 31 32 19 16 000 | 4 | SY | 4.0 Ounce/SY, 60 Mil Fabric (Carthage Mills | | | nwoven P | Polypropylene Geotextile | \$8,524.75 |
| | | | Installation | Quantity 6,500.00 | х | Unit Price \$0.86 | x | Factor 1.5250 = | Total \$8,524.75 |
| | | User Note: | | bric under gravel | | | | | |
| 34 | 31 32 19 16 000 | 1 | SY | Fabric (Carthage Mills | | HS) | nwoven P | olypropylene Geotextile | \$2,623.00 |
| | | | Installation | Quantity 2,000.00 | x | Unit Price \$0.86 | x | Factor 1.5250 = | Total \$2,623.00 |
| | | User Note: | Additive Alt | ernate fabric under gra | vel | | | | |
| Subt | otal for CSI - 31 - | Earthwork: | | | | | | | \$154,535.24 |
| CSI - | - 32 - Exterior Imp | rovements | | | | | | | |
| 35 | 32 00 00 00 001 | 2 | EA | Landscape Boulders | | | | | \$3,355.00 |
| | | NPP Task | Installation | Quantity 20.00 | х | Unit Price \$110.00 | х | Factor 1.5250 = | Total \$3,355.00 |
| 36 | 32 00 00 00 003 | 5 | Each | 1/2" Swing Joints | | | | | \$12,827.19 |
| | | NPP Task | Installation | Quantity 749.00 | × | Unit Price \$11.23 | x | Factor 1.5250 = | Total \$12,827.19 |
| 37 | 32 00 00 00 012 |) | Ea | 1730-XG 17x30x8 HE | | Box Ext | | | \$2,196.49 |
| | | | | Quantity | | Unit Price | | Factor | Total |
| | | NPP Task | Installation | 14.00 | х | \$102.88 | х | 1.5250 = | \$2,196.49 |
| 38 | 32 00 00 00 012 | 1 | Ea | 173018P2P 17x30x18 | 3 Greer | Valve Box | | | \$5,400.06 |
| | | NPP Task | Installation | Quantity 14.00 | х | Unit Price \$252.93 | х | Factor 1.5250 = | Total \$5,400.06 |
| 39 | 32 15 40 00 000 | 2 | CY | Gravel Surfacing And | Spread | ding | | | \$16,061.30 |
| | | | | Quantity | | Unit Price | | Factor | Total |
| | | | Installation | 200.00 | X | \$52.66 | Х | 1.5250 = | \$16,061.30 |
| 40 | 32 15 40 00 000 | User Note: | CY CY | ernate-install of owner Gravel Surfacing And | • | | | | \$32,601.45 |
| 40 | Excludes | | | Quantity | | Unit Price | | Factor | Total |
| | Material | | Installation | 700.00 | х | \$30.54 | х | 1.5250 = | \$32,601.45 |
| | | User Note: | Base Bid-in | stall of owner provided | gravel | | | | |
| 41 | 32 16 23 00 000 | 2 | SF | 4" Cast In Place Cond | crete Si | dewalk | | | \$15,541.28 |
| | | | Installation | Quantity 2,150.00 | х | Unit Price \$4.74 | х | Factor 1.5250 = | Total \$15,541.28 |
| 42 | 32 84 23 00 001 | 3 | EA | Bubbler Head With S | creen, 1 | 1/2" NPT (Rain Bir | d® 1300) | | \$16,950.62 |
| | | | Installation | Quantity 749.00 | x | Unit Price \$14.84 | x | Factor 1.5250 = | Total \$16,950.62 |
| 43 | 32 84 23 00 005 | 2 | EA | 1", 0.25 To 200 GPM | | | | rigation Valve (Rain Bird® | \$201.86 |
| | | | Installation | 100PEB) Quantity 1.00 | | Unit Price \$132.37 | | Factor 1.5250 = | Total \$201.86 |
| | | | otaliation | 1.00 | Х | ψ132.31 | Х | 1.0200 | |

Page 4 of 6 2/1/2022 Price Proposal Detail - CSI

Job Order Number: 221221-4.00

Job Order Title: Lea County Regional Airport

| Rec# | CSI Number | Mod. UOM | Description | Line Total |
|-------|------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| CSI - | - 32 - Exterior Improv | ements | | |
| 44 | 32 84 23 00 0053 | EA | 1-1/2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve Bird® 150PEB) | e (Rain \$1,913.45 |
| | | Installation | Quantity Unit Price Factor 8.00 x \$156.84 x 1.5250 = | Total \$1,913.45 |
| 45 | 32 84 23 00 0100 | EA | 21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lock (RaBird® VB-STDH) | ain \$776.96 |
| | | Installation | Quantity Unit Price Factor 4.00 x \$127.37 x 1.5250 = | Total \$776.96 |
| 46 | 32 84 23 00 0160 | EA | 8-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Contro (Rain Bird® ESP-LXME Series) | oller \$550.10 |
| | | Installation | Quantity Unit Price Factor 1.00 x \$360.72 x 1.5250 = | Total \$550.10 |
| 47 | 32 84 23 00 0161 | EA | 12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Cont (Rain Bird® ESP-LXME Series) | troller \$665.56 |
| | | Installation | Quantity Unit Price Factor 1.00 X \$436.43 X 1.5250 = | Total \$665.56 |
| 48 | 32 84 23 00 0175 | EA | Stainless Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Control (Rain Bird® LXMMSSPED + LXMMSS)Excludes concrete foundation. | ollers \$3,991.75 |
| | | Installation | Quantity Unit Price Factor 2.00 x \$1,308.77 x 1.5250 = | Total \$3,991.75 |
| 49 | 32 84 23 00 0219 | EA | 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series) | \$2,958.41 |
| | | Installation | Quantity Unit Price Factor 2.00 x \$969.97 x 1.5250 = | Total \$2,958.41 |
| 50 | 32 84 23 00 0247 | LF | 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings | \$53,182.85 |
| | | Installation | Quantity Unit Price Factor 10,600.00 x \$3.29 x 1.5250 = | Total \$53,182.85 |
| 51 | 32 84 23 00 0248 | LF | 2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings | \$5,031.59 |
| | | Installation | Quantity Unit Price Factor 780.00 x \$4.23 x 1.5250 = | Total \$5,031.59 |
| 52 | 32 91 13 26 0012 | CY | Excavate Planting Pit By Machine, Heavy SoilFor use with existing planting | ng pits. \$1,478.64 |
| | | Installation | Quantity Unit Price Factor 120.00 x \$8.08 x 1.5250 = | Total \$1,478.64 |
| 53 | 32 91 13 26 0013 | CY | Backfill Planting Pit By Hand With Topsoil From Stockpile | \$5,618.10 |
| | | Installation | Quantity Unit Price Factor 120.00 x \$30.70 x 1.5250 = | Total \$5,618.10 |
| 54 | 32 93 33 00 0002 | EA | 1 Gallon Abelia x grandiflora - Abelia | \$1,614.21 |
| | | Installation | Quantity Unit Price Factor 145.00 x \$7.30 x 1.5250 = | Total \$1,614.21 |
| 55 | 32 93 33 00 0003 | EA | 3 Gallon Abelia x grandiflora - Abelia | \$1,269.04 |
| | | Installation | Quantity Unit Price Factor 56.00 x \$14.86 x 1.5250 = | Total \$1,269.04 |
| 56 | 32 93 33 00 0004 | EA | 5 Gallon Abelia x grandiflora - Abelia | \$11,786.60 |
| | | Installation | Quantity Unit Price Factor 271.00 x \$28.52 x 1.5250 = | Total \$11,786.60 |
| 57 | 32 93 33 00 0070 | EA | 15 Gallon Camellia "Sasanqua" - Camellia | \$1,346.88 |
| | | Installation | Quantity Unit Price Factor 5.00 x \$176.64 x 1.5250 = | Total \$1,346.88 |

Job Order Number: 221221-4.00

Job Order Title: Lea County Regional Airport

| | CSI Number | Mod. UOM | Description | | | | | Line Total |
|--------------|------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------|---------------|----------------------------------------------|------------|------------------------------------------|-------------------------------------------------|
| CSI - | - 32 - Exterior Improven | nents | | | | | | |
| 58 | 32 93 43 00 0656 | EA | 24" Box Platanus ace | erifolia "E | Bloodgold" - Londo | on Plane | | \$24,017.38 |
| | | | Quantity | | Unit Price | | Factor | Total |
| | | Installation | 45.00 | X | \$349.98 | x | 1.5250 = | \$24,017.38 |
| 59 | 32 93 43 00 0669 | EA | 2-1/2" Caliper Platan | us x ace | rifolia & cvs - Lon | don Plane | etree | \$10,771.06 |
| | | | Quantity | | Unit Price | | Factor | Total |
| | | Installation | 51.00 | х | \$138.49 | х | 1.5250 = | \$10,771.06 |
| | otal for CSI - 32 - Exteri - 33 - Utilities | or improvement | | | | | | \$232,107.83 |
| | | LF | | er Pipe, | n Soil, Undergrou | nd Horizo | ontal Directional Boring | \$9,142.38 |
| CSI - | - 33 - Utilities | • | For Up To 4" Diamete | er Pipe, | | nd Horizo | | \$9,142.38 |
| CSI - | - 33 - Utilities | • | | er Pipe, | n Soil, Undergrou Unit Price \$11.99 | ınd Horizo | ontal Directional Boring Factor 1.5250 = | |
| CSI - | - 33 - Utilities | LF | For Up To 4" Diamete | x | Unit Price \$11.99 | | Factor | \$9,142.38 Total |
| CSI - | - 33 - Utilities 33 05 07 13 0022 | LF Installation | For Up To 4" Diamete Quantity 500.00 | x | Unit Price \$11.99 | | Factor | \$9,142.38 Total \$9,142.38 \$1,279.87 |
| CSI - | - 33 - Utilities 33 05 07 13 0022 | LF Installation | For Up To 4" Diamete Quantity 500.00 1" Combination Air R | x | Unit Price \$11.99 | | Factor 1.5250 = | \$9,142.38 Total \$9,142.38 \$1,279.87 |
| 60 61 | - 33 - Utilities 33 05 07 13 0022 | LF Installation EA Installation | For Up To 4" Diamete Quantity 500.00 1" Combination Air R Quantity | x elease \ | Unit Price \$11.99 /alve Unit Price | х | Factor 1.5250 = | \$9,142.38 Total \$9,142.38 \$1,279.87 |

This proposal total represents the correct total for the proposal. Any discrepancy between line totals,

The Percent of NPP on this Proposal: 4.62%

sub-totals and the proposal total is due to rounding of the line totals and sub-totals.

Price Proposal Detail - CSI

Page 6 of 6



LEA COUNTY

LEA COUNTY AIRPORT LANDSCAPE IMPROVEMENTS

6601 W CARLSBAD HWY HOBBS, NM 88240

JANUARY 4, 2021 FINAL FOR CONSTRUCTION

DRAWING INDEX:

1. G001 **COVER SHEET** 2. LD101 **DEMOLITION PLAN** 3. LD102 **DEMOLITION PLAN** 4. LD103 DEMOLITION PLAN LI101 **IRRIGATION PLAN IRRIGATION PLAN IRRIGATION PLAN** 7. LI103 LI501 IRRIGATION DETAILS LP101 PLANTING PLAN 10. LP102 PLANTING PLAN 11. LP103 PLANTING PLAN 12. LP501 PLANTING DETAILS & SCHEDULE

DESIGN TEAM:

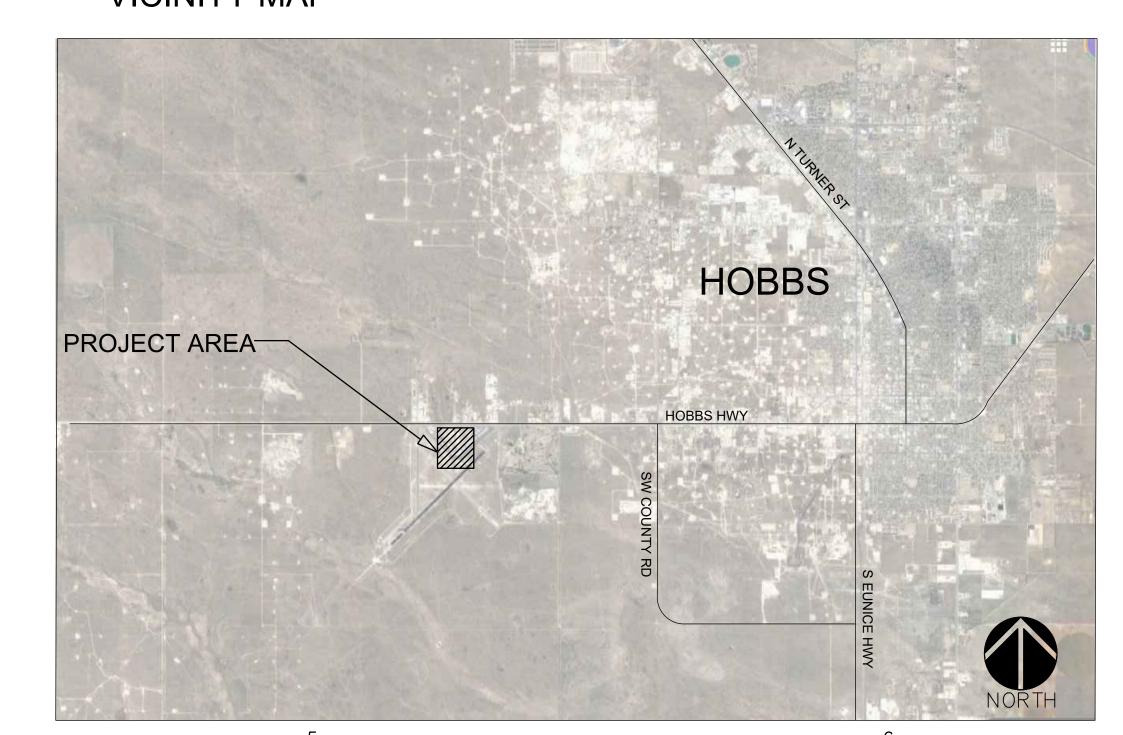
ATTN: ROB LOFTIS

MORROW REARDON WILKINSON MILLER, LTD.
1102 MOUNTAIN ROAD NW, SUITE 201
ALBUQUERQUE, NM 87102
505-268-2266 PH
505-265-9637 FX

LEA COUNTY:
ATTN: COREY NEEDHAM

100 NORTH MAIN, SUITE 11
LOVINGTON, NM 88260
575-396-8521 PH

VICINITY MAP





CONSULTANTS



LEA COUNTY AIRPORT LANDSCAPE IMPROVEMENTS

6601 W CARLSBAD HWY HOBBS, NM 88240

JANUARY 4, 2022

SUBMITTAL: FINAL FOR CONSTRUCTION REVISIONS

NO. DATE DESCRIPTION

PROJECT NO: 21018
CAD DWG FILE:

SHEET TITLE

DESIGNED BY: LI DATE: 1/4/2021
DRAWN BY: LG & AT DATE: 1/4/2021
CHECKED BY: RL DATE: 1/4/2021

COVER SHEET

DRAWING SHEET

G001

U.S. HWY 62 / HOBBS HWY MATCHLINE LD101

MATCHLINE LD102 MATCHLINE LD101
MATCHLINE LD102



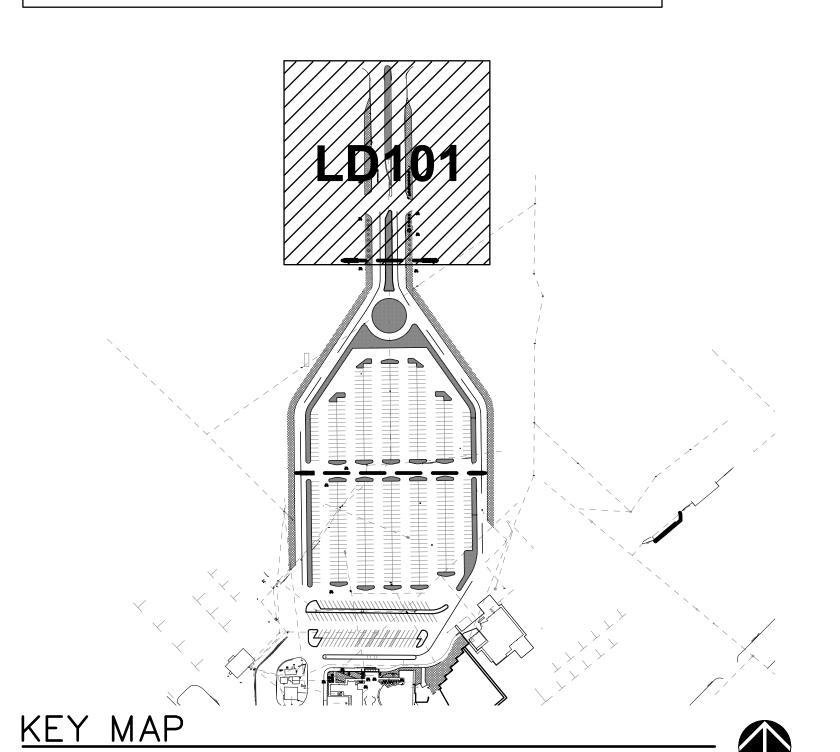
| CODE | <u>DESCRIPTION</u> |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GD-101 | CONTRACTOR SHALL PROTECT EXISTING UTILITIES FROM DAMAGE. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. |
| GD-102 | TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT NEW MEXICO ONE CALL SYSTEM (1-800-321-2537) FOR LOCATION OF EXISTING UTILITIES. |
| GD-103 | CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE NO DAMAGE OCCURS TO EXISTING STRUCTURES AND PAVEMENT TO REMAIN AND ITEMS TO BE SALVAGED. ANY DAMAGE TO ITEMS TO REMAIN OR TO BE SALVAGED RESULTING FROM CONSTRUCTION OPERSATIONS SHALL BE REPARIED AND/OR REPLACED AT NO ADDITIONAL COST TO THE OWNER. |
| GD-104 | CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS PRIOR TO THE BID AND NOTIFY THE OWNERS REPRESENTATIVE OF ANY DISCREPENCIES. NO ADJUSTMENTS TO THE CONTRACT SUM OR TIME SHALL BE MADE FOR CONDITIONS THAT ARE CLEARLY VISIBLE, YET NOT VERIFIED. FAILURE TO COMPLETE ADEQUATE FIELD VERFICIATION PRIOR TO BID IS DONE SO AT THE CONTRACTORS OWN RISK. |
| GD-105 | PRIOR TO DEMOLITION OPERATIONS, THE CONTRACTOR SHALL BE REQUIRED TO DOCUMENT ALL EXISTING CONDITIONS DIRECTLY ADJACENT TO THE PROJECT AREA AND THE CONDITION OF ANY EXISTING ITEMS TO REMAIN WITHIN THE PROJECT AREA. CONTRACTOR SHALL PROVIDE DOCUMENTATION TO THE OWNER AND LANDSCAPE ARCHITECT BEFORE PROCEEDING WITH ANY WORK. |
| GD-106 | ALL AREAS ADJACENT TO THE SITE SHALL BE MAINTAINED IN A CLEAN CONDITION, MUD AND DUST FREE AT ALL TIMES. |
| | |

DEMOLITION KEYED NOTES

| / L IVI C | | 1/2120 110120 |
|-----------------------------------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | CODE | <u>DESCRIPTION</u> |
| | D-01 | REMOVE AND DISPOSE OF TREE, GRIND STUMP TO A DEPTH OF 24" BELOW FINISH GRADE. REMOVE STUMP GRINDINGS, FILL AND COMPACT VOID WITH CLEAN SOIL BACKFILL. |
| | D-02 | EXISTING TREE TO REMAIN. |
| | D-03 | REMOVE AND DISPOSE OF EXISTING SHRUB. |
| | D-04 | BY OWNER (NOT IN CONTRACT) — REMOVE AND DISPOSE OF ANY PLANTINGS, MULCH, AND SOIL TO A DEPTH OF 24" BELOW GRADE AS REQUIRED TO CONSTRUCT NEW SITE IMPROVEMENTS. PLACE 20" OF CLEAN TOPSOIL IN PLANTERS, COMPACT TO APPROXIMATELY 85%. SEE IRRIGATION AND PLANTING PLANS FOR LOCATIONS OF PROPOSED IMPROVEMENTS. |
| + + + + + + + + + + + + + + + + + + + + | D-05 | CLEAR AND GRUB EXISTING LANDSCAPE AREA AS REQUIRED TO INSTALL GRAVEL OVER FILTER FABRIC. AVOID DAMAGE TO ROOTS OF EXISTING TREES TO REMAIN. |

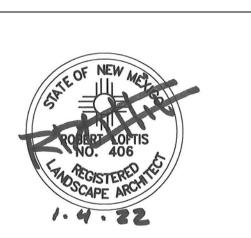
NOTI

SITE PLANS WERE CREATED WITH PARTIAL SURVEY AND AERIAL INFORMATION PROVIDED BY THE OWNER. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND REPORT ANY INCONSISTENCIES TO THE L.A.





CONSULTANTS



LEA COUNTY AIRPORT LANDSCAPE IMPROVEMENTS

6601 W CARLSBAD HWY HOBBS, NM 88240

JANUARY 4, 2022
SUBMITTAL: FINAL FOR CONSTRUCTION
REVISIONS

NO. DATE DESCRIPTION

PROJECT NO: 21018

CAD DWG FILE:

DESIGNED BY: LI DATE: 1/4/2021

DRAWN BY: LG & AT DATE: 1/4/2021

CHECKED BY: RL DATE: 1/4/2021

SHEET TITLE

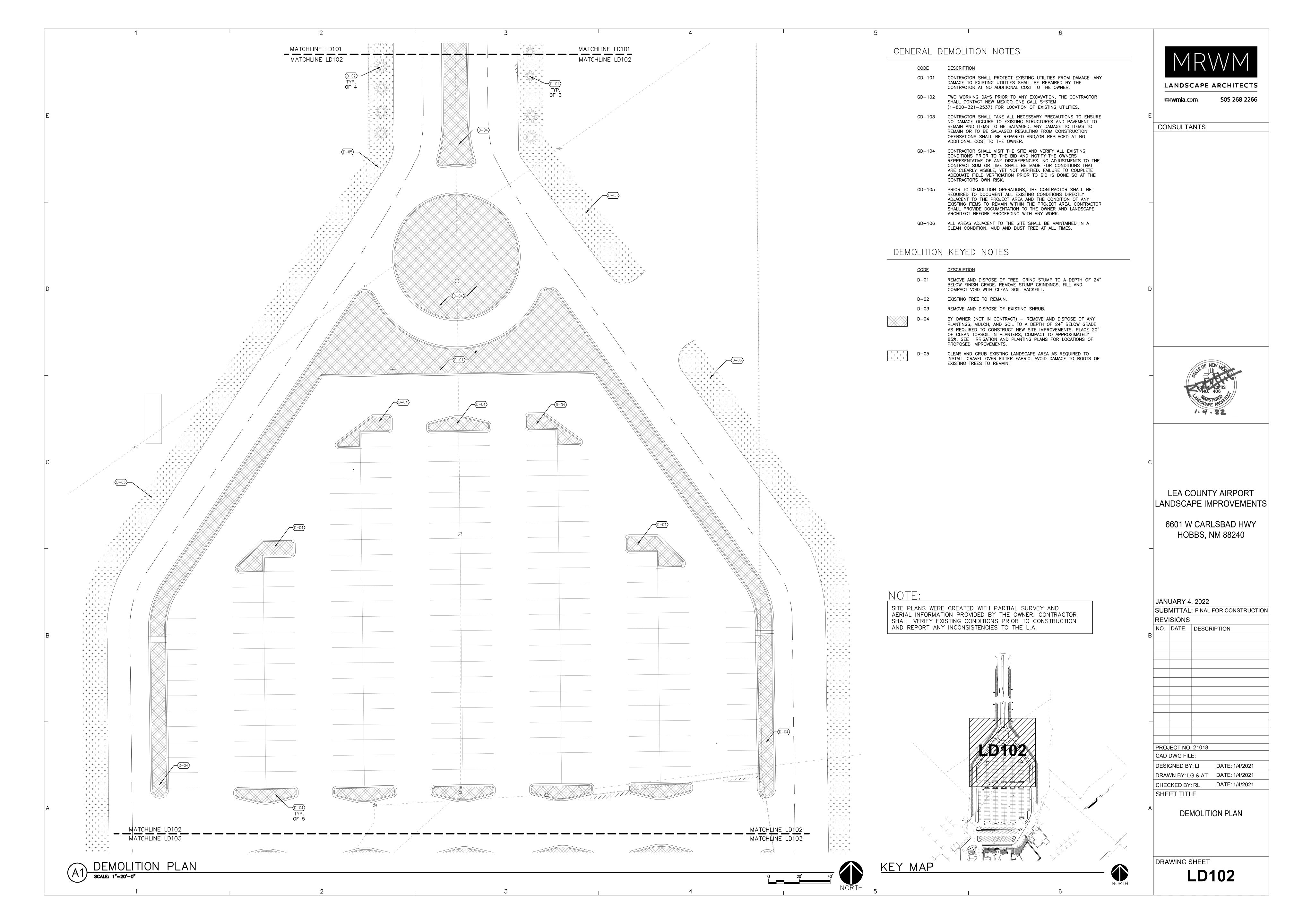
DEMOLITION PLAN

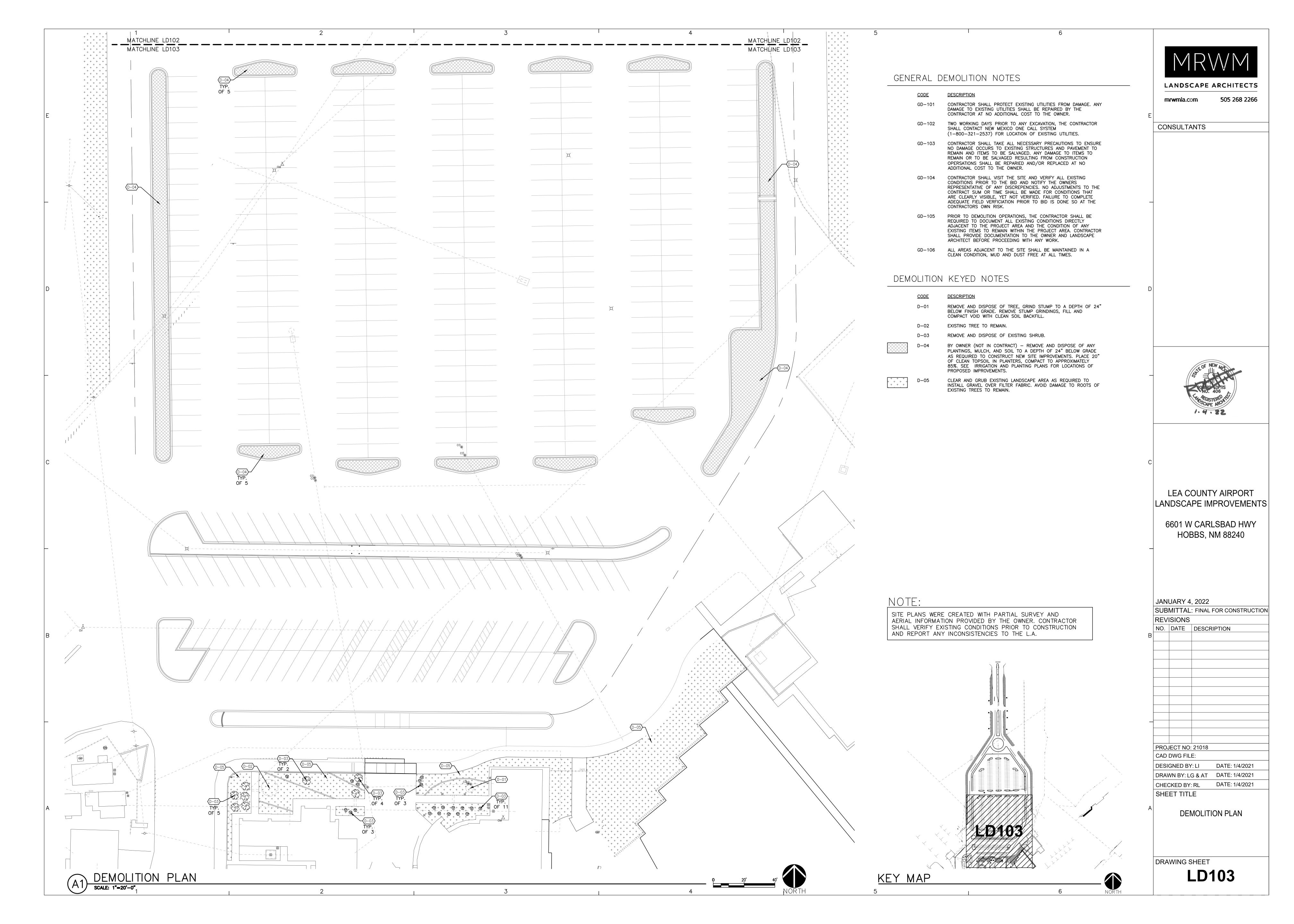
DRAWING SHEET

LD101

A1 DEMOLITION PLAN

SCALE: 1"=20'-0"





A. WHERE SLEEVING IS SHOWN ON THE PLAN, INSTALLATION SHALL BE COORDINATED WITH ALL TRADES TO ENSURE THAT PIPE AND SLEEVES ARE INSTALLED AT PROPER DEPTHS AND PRIOR TO INSTALLATION OF CURB AND GUTTER, ASPHALT PAVEMENT, SIDEWALKS, CONCRETE PADS, ETC. B. CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO CONSTRUCT PROPOSED IRRIGATION SYSTEM IN ACCORDANCE WITH PLANS, WRITTEN SPECIFICATIONS AND DETAILS. C. FOR PVC IRRIGATION PIPING AND EQUIPMENT REFERENCE SPECIFICATION SECTION 328400 - LANDSCAPE IRRIGATION SYSTEM. D. THE LOCATION AND SIZE OF IRRIGATION EQUIPMENT ON THE PLAN IS SHOWN DIAGRAMMATICALLY FOR GRAPHIC CLARITY. THE LOCATION OF CONTROLLERS, BACKFLOW PREVENTERS, VALVES, ETC. SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT IN E. THE LOCATION OF IRRIGATION MAIN AND LATERAL LINES ON THE PLAN IS SHOWN DIAGRAMMATICALLY 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. F. ALL VALVE BOXES IN MULCH AREAS SHALL BE TAN WITH TAN BOLT-DOWN LIDS. G. 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. H. CONTRACTOR SHALL INSTALL SLEEVES FOR ALL MAINLINE, LATERAL PIPING AND WIRING UNDER PAVED SURFACES UNLESS OTHERWISE NOTED ON PLAN. SLEEVES FOR IRRIGATION LINES SHALL BE CLASS 200 PVC, MINIMUM TWO SIZES LARGER THAN PIPE OR SIZE AS REQUIRED TO ACCOMMODATE LENGTH OF RUN. SLEEVES FOR WIRE SHALL BE MIN. 2" OR SIZE AS REQUIRED TO ACCOMMODATE QUANTITY OF WIRE. I. IN LOCATIONS WHERE IRRIGATION LINES ARE TO BE INSTALLED BY DIRECTIONAL BORING, CONTRACTOR SHALL EXPOSE EXISTING UTILITIES BY POTHOLING PRIOR TO COMMENCING J. AIR RELEASE VALVE LOCATIONS ARE SHOWN SCHEMATICALLY ON THE PLAN AT HIGH POINTS IN ELEVATION. CONTRACTOR SHALL SURVEY FINAL LOCATIONS OF ALL AIR RELEASE VALVES PRIOR TO INSTALLATION TO ENSURE THAT THEY ARE LOCATED AT ACTUAL HIGH POINT. K. CONTRACTOR SHALL PROVIDE ONE (1) 120-VOLT, 20 AMP CIRCUIT FROM ELECTRICAL PANEL TO THE IRRIGATION CONTROLLER AND TO THE BACKFLOW PREVENTER ENCLOSURE (ONE TO EACH). ALL WORK AND MATERIALS SHALL MEET LOCAL CODES AND THE NATIONAL ELECTRIC CODE (N.E.C.). <u>CODE</u> **DESCRIPTION** EXISTING WATERLINE. LOCATION SHOWN IS APPROXIMATE VERIFY IN FIELD. EXISTING PIPE SLEEVING. LOCATION SHOWN IS APPROXIMATE - VERIFY IN FIELD. IRRIGATION SYSTEM POINT OF CONNECTION. REMOVE AND DISPOSE OF EXISTING PRESSURE VACCUM BREAKER. TIE NEW MAINLINE INTO EXISTING STUB-OUT. CONNECT EXISTING MAINLINE TO NEW MAINLINE DOWNSTREAM OF NEW BACKFLOW PREVENTER. INTERCEPT CONTROL WIRES AND CONNECT EXISTING VALVES TO NEW CONTROLLER. - 3" DIRECTIONAL BOME AND SLEEVE -4" DIRECTIONAL BORE AND SLEEVE MATCHLINE LI101 MATCHLINE LI101 MATCHLINE LI102 MATCHLINE LI102

A1 IRRIGATION PLAN
SCALE: 1"=20"-0"

IRRIGATION NOTES

IRRIGATION LEGEND

2" IRRIGATION MAIN LINE, SCHEDULE 40, BELL END, SOLVENT WELD PVC, SIZE AS SHOWN ON PLAN. DEPTH OF BURY 28" FOR CONTINUOUS PRESSURE MAIN, 18" FOR NON-CONTINUOUS PRESSURE MAIN.

LATERAL PIPING, SCH. 40, BELL END, SOLVENT WELD PVC, SIZE AS SHOWN ON PLAN. DEPTH OF BURY, 18". LATERAL PIPE CONVEYING LESS THAN 5 GPM SHALL BE 3/4".

=:=:=: EXISTING IRRIGATION SLEEVE.

----- EXISTING IRRIGATION MAIN LINE.

____ __ MAIN LINE AND LATERAL SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC.

_ _ _ _ _ _ 24-VOLT IRRIGATION WIRE SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC,

REMOTE CONTROL VALVE ASSEMBLY, RAIN BIRD PEB SERIES, OR EQUAL, PLASTIC BODY 24-VOLT AUTOMATIC VALVE, SIZE AS SHOWN ON PLAN. INSTALL PER DETAIL C5/LI501.

MANUAL ISOLATION VALVE ASSEMBLY, SPEARS SCH. 80 PVC BALL VALVE WITH UNIONS, SAME SIZE AS LINE. INSTALL PER DETAIL D4/LI501.

BACKFLOW PREVENTER AND MASTER VALVE ASSEMBLY. FEBCO 825Y, OR EQUAL. 2" REDUCED PRESSURE BACKFLOW PREVENTER IN FLIP TOP HEATED AND INSULATED BACKFLOW ENCLOSURE, HOT BOX MODEL# HB2, OR EQUAL, WITH RAIN BIRD PEB SERIES, OR EQUAL 1 1/2" PLASTIC BODY 24-VOLT AUTOMATIC MASTER VALVE, RAIN BIRD PEB SERIES, OR EQUAL, IN VALVE BOX. INSTALL PER DETAIL A4/LI502.

AIR RELEASE VALVE ASSEMBLY, CRISPIN AL-10, OR EQUAL, SIZE 1". INSTALL PER DETAIL A2/LI502. SEE IRRIGATION NOTE J.

PRESSURE COMPENSATING BUBBLER ASSEMBLIES, RAIN BIRD 1400 SERIES WITH CHECK VALVE. INSTALL AS FOLLOWS: MODEL NO. GPM

1401 30 REFERENCE DETAIL A5/LI501 1402 1.5 (3 PER TREE) 30 REFERENCE DETAILS A5/LI501 AND B5/LI501

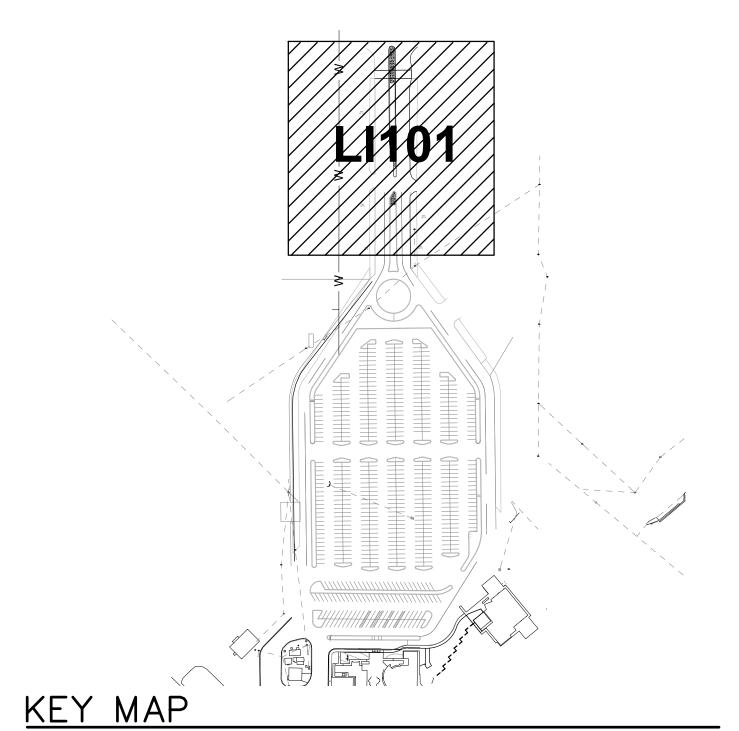
SOLVENT WELD PVC CAP, SIZE PER LINE SIZE.

IRRIGATION CONTROLLER, RAIN BIRD ESP-LXME, OR EQUAL, 12-STATION CONTROLLER INSTALLED IN RAIN BIRD LXMM, OR EQUAL, METAL PEDESTAL-MOUNTED CABINET. INSTALL PER DETAIL C5/LI501. PROVIDE GROUNDING PROTECTION TO CONTROLLER PER MANUFACTURER'S SPECIFICATIONS.

IRRIGATION CONTROLLER, RAIN BIRD ESP-LXME, OR EQUAL, 4-STATION CONTROLLER INSTALLED IN RAIN BIRD LXMM, OR EQUAL, METAL PEDESTAL-MOUNTED CABINET. INSTALL PER DETAIL C4/LI501. PROVIDE GROUNDING PROTECTION TO CONTROLLER PER MANUFACTURER'S SPECIFICATIONS.

NOTE:

SITE PLANS WERE CREATED WITH PARTIAL SURVEY AND AERIAL INFORMATION PROVIDED BY THE OWNER. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND REPORT ANY INCONSISTENCIES TO THE L.A.





CONSULTANTS



LEA COUNTY AIRPORT LANDSCAPE IMPROVEMENTS

6601 W CARLSBAD HWY HOBBS, NM 88240

| | JANUARY 4, 2022 | | | | | | | | |
|---|-----------------------------|------|-------------|--|--|--|--|--|--|
| | SUBMITTAL: FINAL FOR CONSTR | | | | | | | | |
| | REVISIONS | | | | | | | | |
| | NO. | DATE | DESCRIPTION | | | | | | |
| _ | | | | | | | | | |

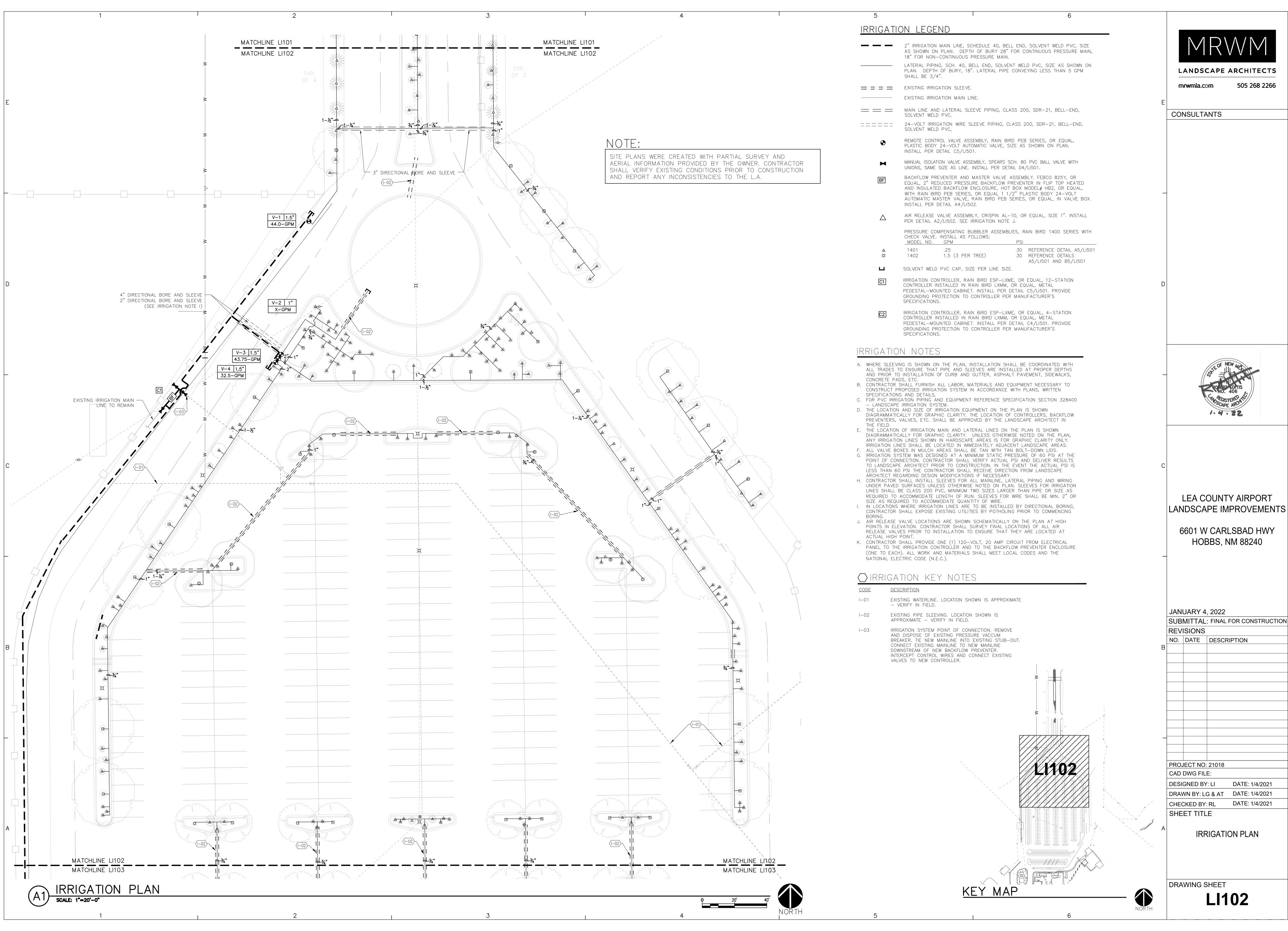
PROJECT NO: 21018 CAD DWG FILE: DESIGNED BY: LI DATE: 1/4/2021 DRAWN BY: LG & AT DATE: 1/4/2021 DATE: 1/4/2021 CHECKED BY: RL

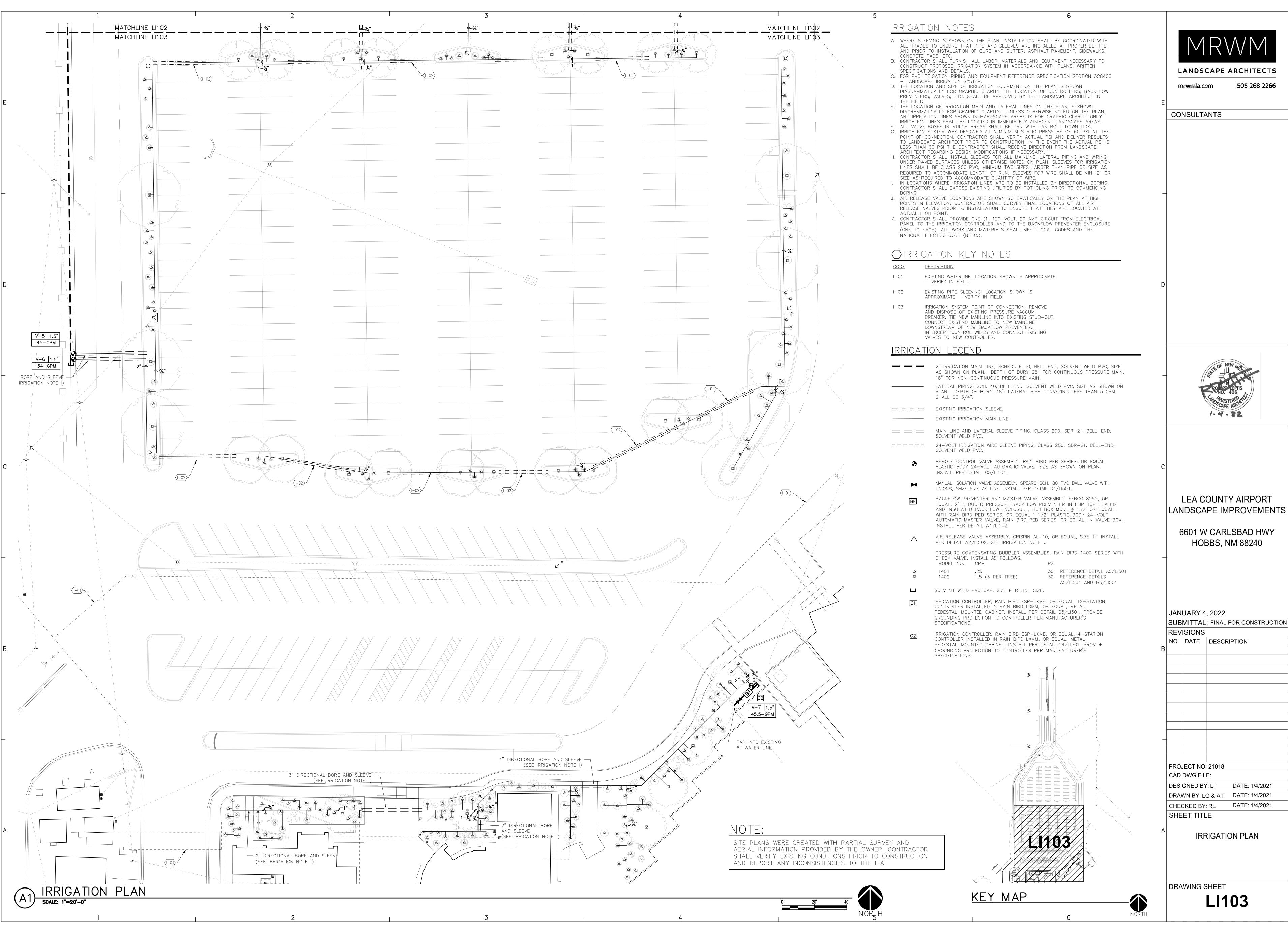
IRRIGATION PLAN

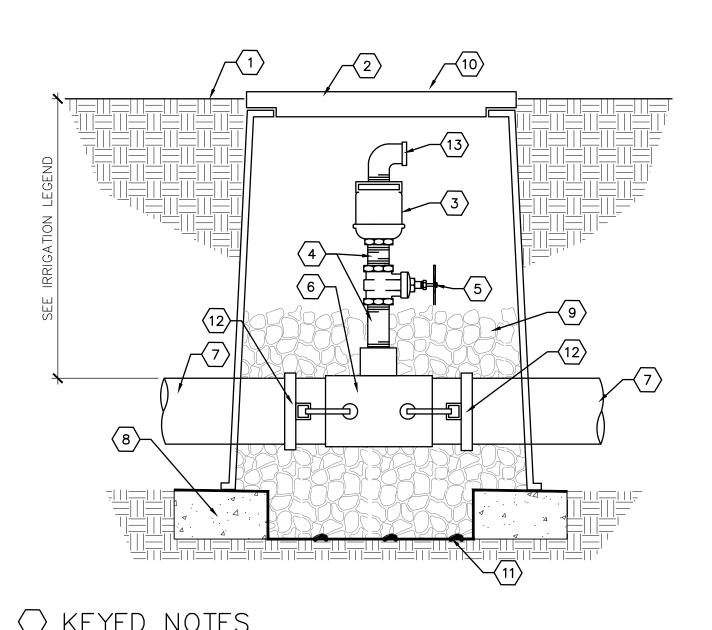
DRAWING SHEET

SHEET TITLE

LI101



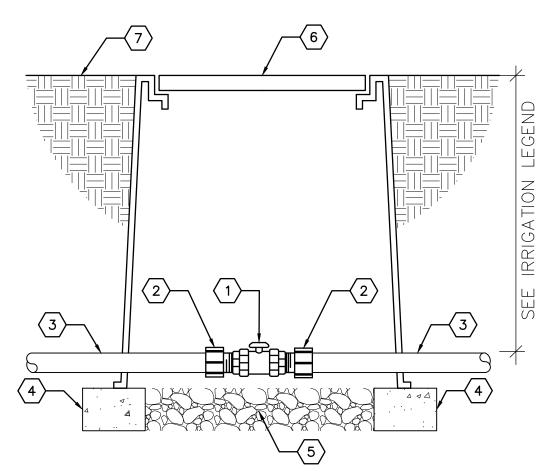




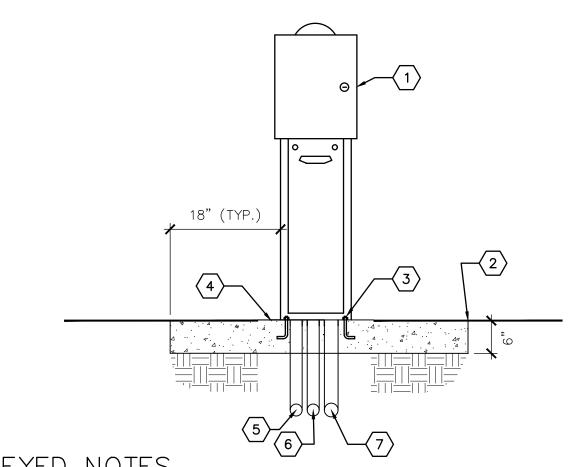
- POLYMER CONCRETE VALVE BOX WITH BOLT DOWN LID (SEE SPECIFICATIONS). AIR/VACUUM RELIEF VALVE WITH 1" INLET/OUTLET (SEE SPECIFICATIONS). 4. 1" DIELECTRIC GALVANIZED NIPPLE (LENGTH AS REQUIRED). 5. BRONZE GATE VALVE WITH HANDWHEEL (SEE SPECIFICATIONS), SIZE: 1".
- 6. DI IRRIGATION MAINLINE TEE WITH 1" FIPT OUTLET. . CLASS 200 IRRIGATION MAINLINE - SEE PLAN LEGEND FOR SIZE. 8. 8"X8"X16" SOLID CMU BLOCK.
- 9. ¾" WASHED GRAVEL. 10. CONICAL BIT ROUTER LID WITH 3" TALL BY 3/16" DEEP LETTERS: "ARV".
- 11. FILTER FABRIC SEE SPECIFICATIONS.
 12. JOINT RESTRAINTS SEE SPECIFICATIONS. 13. 1" CAST IRON STREET ELL.

GENERAL NOTES 1. INSTALL AN 8"X8"X16" SOLID CMU BLOCK AT EACH CORNER OF VALVE BOX 2. WASHED ROCK SHALL BE INSTALLED FLUSH WITH BOTTOM OF GATE VALVE 3. 4" MIN CLEARANCE BETWEEN VALVE BOX LID AND HIGHEST OBJECT IN BOX



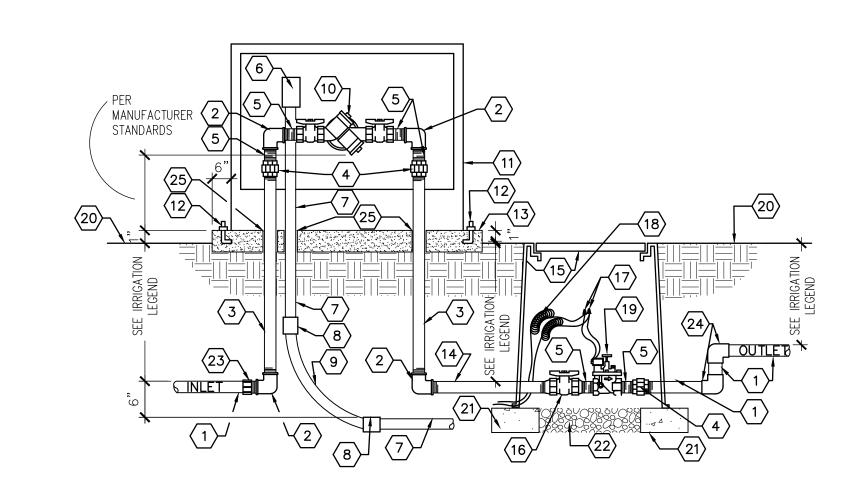


- 1. MANUAL VALVE (SEE LEGEND). 5. 6" DEPTH OF 1" CRUSHED 2. SCH. 40 PVC MALE ADAPTER. 6. APPLIED ENGINEERING 3. MAINLINE PIPE (SEE LEGEND). PRODUCTS 1015-1G2G 12" 4. SOLID CMU BLOCK, FOUR PER HEAVY DUTY VALVE BOX W/
 - EXTENSIONS AS REQUIRED. 7. FINISH GRADE.



- IRRIGATION CONTROLLER ENCLOSURE WITH PEDESTAL SEE IRRIGATION LEGEND. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
- 2. TOOLED EDGE, TYP.
- 3. 1/2"X6" ANCHOR BOLTS, INSTALL WITH POUR. 4. 3500 PSI CONCRETE PAD, WITH MEDIUM BRUSH FINISH. PAD SHALL EXTEND 18" BEYOND EACH SIDE OF ENCLOSURE WITH 1/2% SLOPE FOR DRAINAGE.
- 5. 3/4" RIGID PVC SWEEP ELL (GROUNDING WIRE). 6. 3/4" RIGID PVC SWEEP ELL (24 VOLT WIRE).
- 7. 2" RIGID PVC SWEEP ELL (24 VOLT WIRE) EXTEND 12" PAST CONCRETE PAD.

PEDESTAL—MOUNT IRRIGATION CONTROLLER NOT TO SCALE



- PVC MAINLINE SEE LEGEND.

 GALVANIZED ELBOW.

 GALVANIZED NIPPLE, LENGTH AS REQUIRED. GALVANIZED UNION. GALVANIZED NIPPLE- 3" LENGTH. JUNCTION BOX FOR HEAT TAPE.
- RIGID STEEL CONDUIT. . WATERTIGHT CONNECTOR. . RIGID STEEL CONDUIT. 10. REDUCED PRESSURE BACKFLOW
- PREVENTER, SEE IRRIGATION LEGEND. 11. INSULATED ENCLOSURE - SEE LEGEND. 12. 1/2"x6" ANCHOR BOLTS, FOUR PER BOX. 13. 3000 PSI CONCRETE PAD, 6" THICK WITH TOOLED EDGES.

GENERAL NOTES

A. CONTRACTOR SHALL SUPPLY AND INSTALL WINTERGARD WET H612 HEAT CABLE AROUND EXPOSED PIPES AND BACKFLOW PREVENTER. MINIMUM 1:3 SPIRALING RATIO.

ASSEMBLY.

14. GALVANIZED NIPPLE - 36" LENGTH. 15. APPLIED ENGINEERING PRODUCTS

1730-18P2P VALVE BOX W/ 8"

21. SOLID CMU BLOCK, FOUR PER BOX.

17. WATERPROOF WIRE SPLICE.

23. SCH 40 PVC MALE ADAPTER. 24. MAIN LINE ELL, 90 DEGREE. 25. PVC SLEEVE.

EXTENSIONS (1730-XC) AS REQUIRED.

16. SPEARS TRUE UNION SCH. 80 PVC BALL

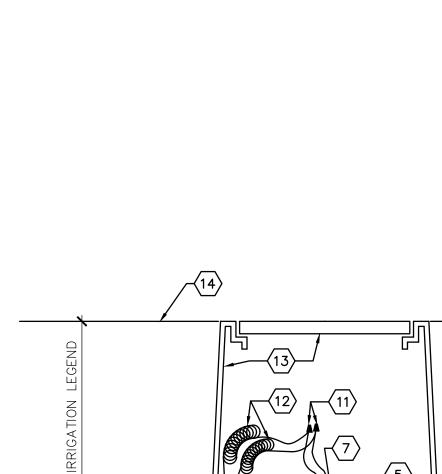
18. 36" WIRE LOOPS.

19. MASTER VALVE — SEE IRRIGATION LEGEND.

20. FINISH GRADE.

22. 6" DEPTH OF 1" WASHED GRAVEL WITH 2" CLEARANCE TO BOTTOM OF VALVE





- PVC MAINLINE. SOLID CMU BLOCK, FOUR PER BOX. SCH. 80 PVC NIPPLE, LENGTH AS 4. SPEARS TRUE UNION SCH. 80 PVC BALL VALVE WITH UNIONS.
- SPEARS SCH. 80 PVC UNION. SCH. 80 PVC NIPPLE - 3" LENGTH. REMOTE CONTROL VALVE, SEE IRRIGATION LEGEND.

GENERAL NOTES

A. CONTRACTOR SHALL INSTALL ONE AUTOMATIC VALVE ASSEMBLY PER VALVE BOX.

8. 6" DEPTH 1" WASHED GRAVEL, WITH 2"

9. SCH. 40 PVC MALE ADAPTER.

10. LATERAL PIPING (SEE LEGEND).

11. WATERPROOF WIRE CONNECTOR.

12. 36" WIRE EXPANSION LOOPS.

ASSEMBLY.

14. FINISH GRADE.

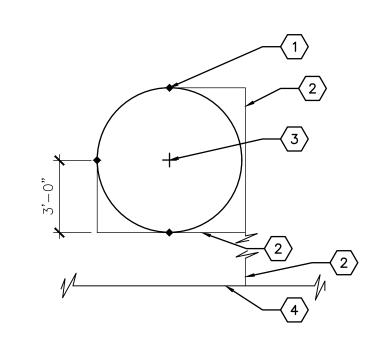
CLEARANCE TO BOTTOM OF VALVE

13. APPLIED ENGINEERING 1730-18P2P VALVE

EXTENSIONS (1730-XG) AS REQUIRED.

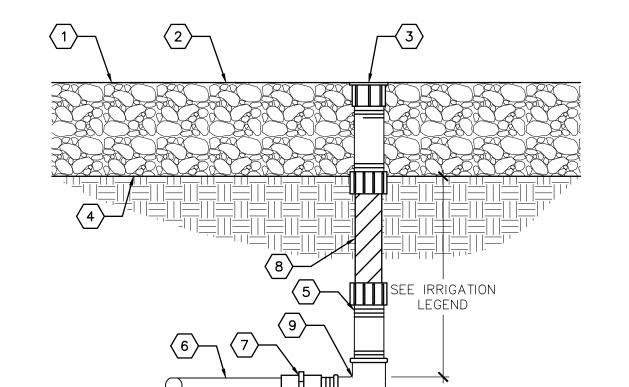
BOX W/ BOLT DOWN FLUSH COVER AND 8"





- 1. BUBBLER SEE IRRIGATION LEGEND. 3/TREE, TYP.
- 2. 3/4" LATERAL.
 3. TREE CENTER.
 4. LATERAL. SEE PLAN.
- BUBBLER LAYOUT AT TREE

 NOT TO SCALE



- FINISH GRADE, SEE PLAN.
 TOP OF MULCH, SEE PLANTING NOTES FOR DEPTH OF MULCH. 3. PRESSURE COMPENSATING BUBBLER, SEE LEGEND.
- 6. PVC LATERAL PIPING.7. 3/4" X 1/2" SCH. 40 PVC FEMALE ADAPTER. 8. 1/2" X 6" PVC FLEX NIPPLE. 9. 1/2" SCH. 40 PVC THREADED ELBOW.
- 4. TOP OF GRADE. 5. 1/2" SCH. 80 PVC THREADED NIPPLE, LÉNGTH AS REQUIRED.
- GENERAL NOTES A. TOP OF BUBBLER TO BE FLUSH WITH TOP OF MULCH.

BUBBLER ASSEMBLY

NOT TO SCALE



CONSULTANTS



LEA COUNTY AIRPORT LANDSCAPE IMPROVEMENTS

> 6601 W CARLSBAD HWY HOBBS, NM 88240

JANUARY 4, 2022 SUBMITTAL: FINAL FOR CONSTRUCTION REVISIONS NO. DATE DESCRIPTION

PROJECT NO: 21018

CAD DWG FILE: DESIGNED BY: LI DATE: 1/4/2021 DRAWN BY: LG & AT DATE: 1/4/2021 DATE: 1/4/2021 CHECKED BY: RL

IRRIGATION DETAILS

SHEET TITLE

DRAWING SHEET **LI501**

(3) MR2~ (3) MR2~ (4) PA <u></u> (4) PA ~ MATCHLINE LP101
MATCHLINE LP102 MATCHLINE LP101 MATCHLINE LP102

PLANTING PLAN

SCALE: 1"=20'-0"

PLANT SCHEDULE LP101

TREES

COMMON NAME

BOTANICAL NAME

UJ

JEFFERSON AMERICAN ELM

ULMUS AMERICANA 'JEFFERSON'

SHRUBS

COMMON NAME

BOTANICAL NAME

PA

RUSSIAN SAGE

PEROVSKIA ATRIPLICIFOLIA

LF

TEXAS SAGE

LEUCOPHYLLUM FRUTESCENS

ET

TURPENTINE BUSH

ERICAMERIA LARICIFOLIA

GRASSES

COMMON NAME

BOTANICAL NAME

DESERT ACCENTS COMMON NAME BOTANICAL NAME

DEER GRASS

HP DESERT DUSK RED YUCCA HESPERALOE PARVIFLORA 'MSWNPERMA DESERT DUSK'

MUHLENBERGIA RIGENS

LEGEND

<u>CODE</u> <u>DESCRIPTION</u>

P-01 EXISTING EVERGREEN TREE TO REMAIN.

P-05 3" DEPTH OF PECOS DARK GRAVEL MULCH, AS SUPPLIED BY OWNER, INSTALLED OVER FILTER FABRIC.

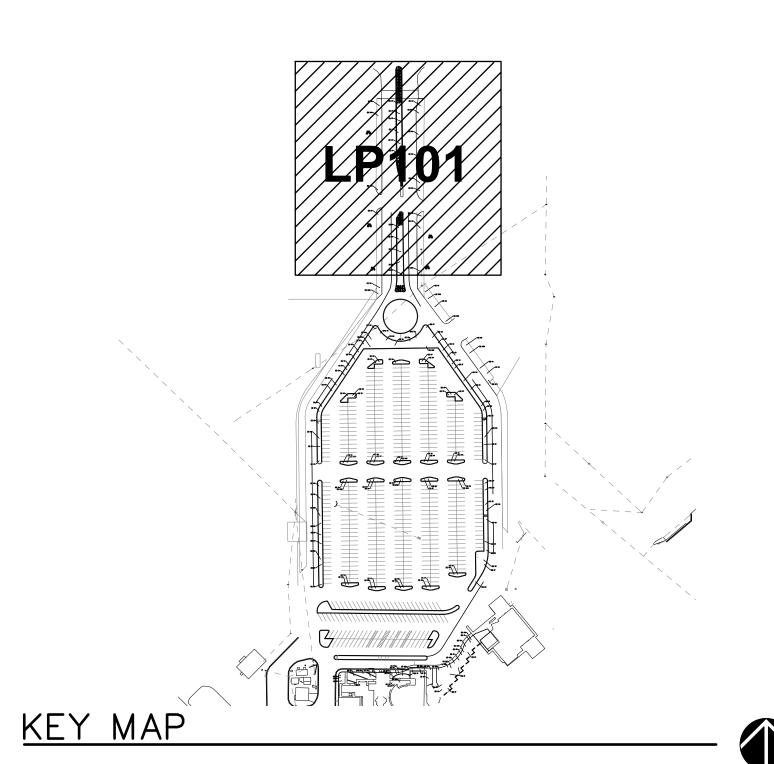
P-08 4" THICK CONCRETE PAVING, GRAY. SEE DETAIL A4/LP501.

NOTE:

SEE LP501 FOR MASTER PLANT LIST, GENERAL PLANTING NOTES, AND DETAILS.

NOTE

SITE PLANS WERE CREATED WITH PARTIAL SURVEY AND AERIAL INFORMATION PROVIDED BY THE OWNER. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND REPORT ANY INCONSISTENCIES TO THE L.A.





CONSULTANTS

POSIGNE TOPTIS
NO. 406

POSIGNE ARCHIE

LEA COUNTY AIRPORT LANDSCAPE IMPROVEMENTS

6601 W CARLSBAD HWY HOBBS, NM 88240

JANUARY 4, 2022

SUBMITTAL: FINAL FOR CONSTRUCTION

REVISIONS
NO. DATE DESCRIPTION

PROJECT NO: 21018

CAD DWG FILE:

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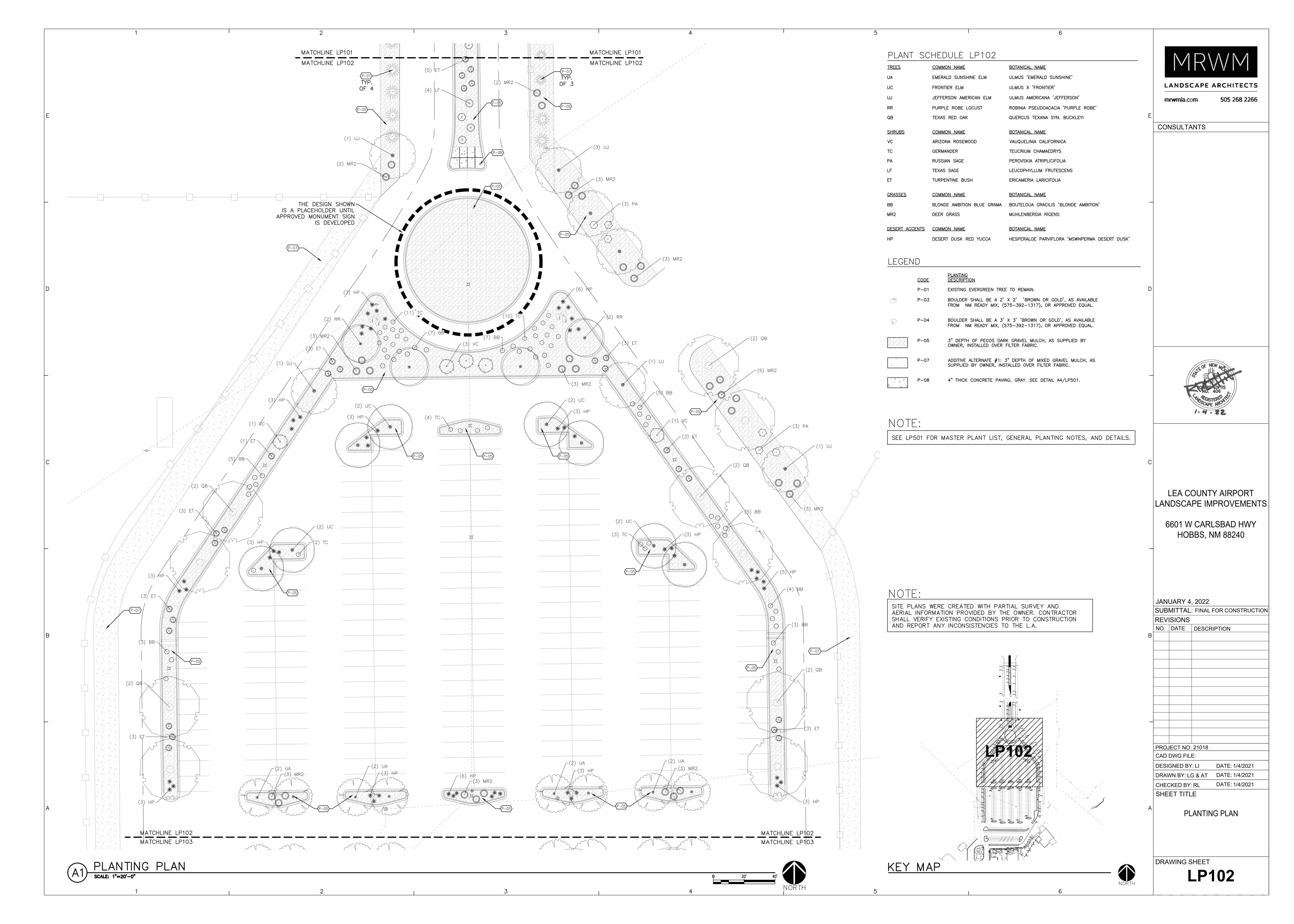
CHECKED BY: RL DATE: 1/4/2021

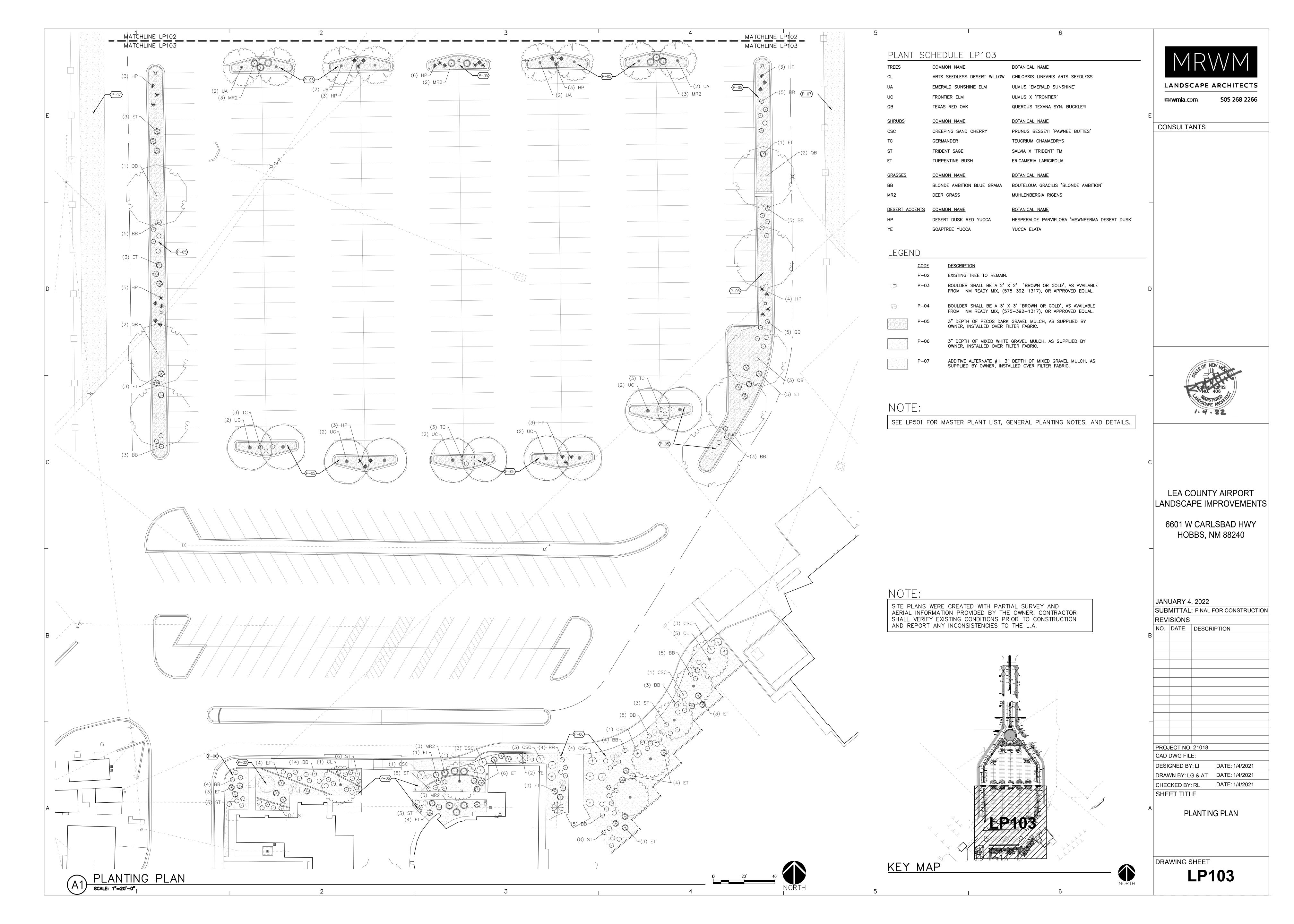
PLANTING PLAN

DRAWING SHEET

SHEET TITLE

LP101





PLANT SCHEDULE: PARKING LOT LANDSCAPE CODE QTY COMMON NAME BOTANICAL NAME REMARKS HT. SPD. INSTALLED SIZE CL 5 ARTS SEEDLESS DESERT WILLOW CHILOPSIS LINEARIS ARTS SEEDLESS 36" BOX 25' 25' 2" CAL. 6'-8' HT. 2" CAL. 35' 25' 2" CAL., 10'-12' HT. 16 EMERALD SUNSHINE ELM ULMUS 'EMERALD SUNSHINE' UC 18 FRONTIER ELM ULMUS X 'FRONTIER' 24" BOX 40' 30' 2" CAL., 10'-12' HT. UJ 13 JEFFERSON AMERICAN ELM ULMUS AMERICANA 'JEFFERSON' 2" CAL. 35' 30' 2" CAL. 6'-8' HT. RR 4 PURPLE ROBE LOCUST ROBINIA PSEUDOACACIA 'PURPLE ROBE' 2" CAL. 35' 25' 2" CAL., 10'-12' HT. 18 TEXAS RED OAK QUERCUS TEXANA SYN. BUCKLEYI 2" CAL. 40' 40' 2" CAL., 10'-12' HT. **SHRUBS** CODE QTY COMMON NAME BOTANICAL NAME REMARKS HT. SPD. INSTALLED SIZE VAUQUELINIA CALIFORNICA 15 GAL. 12' 10' 4' HEIGHT VC 5 ARIZONA ROSEWOOD PRUNUS BESSEYI 'PAWNEE BUTTES' CSC 12 CREEPING SAND CHERRY 5 GAL. 2' 5' MIN. 18" SPD. TEUCRIUM CHAMAEDRYS 39 GERMANDER 1 GAL. 2' 3' MIN. 6" SPD. 5 GAL. 5' 5' MIN. 12" SPD. 25 RUSSIAN SAGE PEROVSKIA ATRIPLICIFOLIA 17 TEXAS SAGE LEUCOPHYLLUM FRUTESCENS 5 GAL. 6' 6' MIN. 12" SPD. 11 TRIDENT SAGE SALVIA X 'TRIDENT' TM 5 GAL. 3' 3' MIN. 12" SPD. 5 GAL. 3' 4' MIN. 12" HT. 63 TURPENTINE BUSH ERICAMERIA LARICIFOLIA <u>GRASSES</u> CODE QTY COMMON NAME BOTANICAL NAME REMARKS HT. SPD. INSTALLED SIZE 91 BLONDE AMBITION BLUE GRAMA BOUTELOUA GRACILIS 'BLONDE AMBITION' 1 GAL. 3' 3' MIN. 8" HT. 50 DEER GRASS MUHLENBERGIA RIGENS MIN. 12" SPD. DESERT ACCENTS CODE QTY COMMON NAME **BOTANICAL NAME** REMARKS HT. SPD. INSTALLED SIZE HESPERALOE PARVIFLORA 'MSWNPERMA DESERT DUSK' 5 GAL. 3' 3' MIN. 12" HT. 102 DESERT DUSK RED YUCCA

YUCCA ELATA

24" BOX 15' 10' 6' HT, 2 HEAD MIN.

LEGEND

DESCRIPTION

EXISTING EVERGREEN TREE TO REMAIN.

YE 2 SOAPTREE YUCCA

BOULDER SHALL BE A 2' X 2' 'BROWN OR GOLD', AS AVAILABLE FROM NM READY MIX, (575-392-1317), OR APPROVED EQUAL.

BOULDER SHALL BE A 3' X 3' 'BROWN OR GOLD', AS AVAILABLE FROM NM READY MIX, (575-392-1317), OR APPROVED EQUAL.

3" DEPTH OF PECOS DARK GRAVEL MULCH, AS SUPPLIED BY OWNER, INSTALLED OVER FILTER FABRIC.

3" DEPTH OF MIXED WHITE GRAVEL MULCH, AS SUPPLIED BY

OWNER, INSTALLED OVER FILTER FABRIC.

ADDITIVE ALTERNATE #1: 3" DEPTH OF MIXED GRAVEL MULCH, AS SUPPLIED BY OWNER, INSTALLED OVER FILTER FABRIC.

4" THICK CONCRETE PAVING, GRAY. SEE DETAIL A4/LP501.

PLANT SCHEDULE: BUILDING LANDSCAPE

| TREES | CODE | QTY | COMMON NAME | BOTANICAL NAME | <u>REMARKS</u> | HT. | SPD. | INSTALLED SIZE |
|-----------------------------------------|------|------------|-----------------------------|--------------------------------------|----------------|------------|------|-------------------|
| £ | CL | 2 | ARTS SEEDLESS DESERT WILLOW | CHILOPSIS LINEARIS ARTS SEEDLESS | 36" BOX | 25' | 25' | 2" CAL. 6'-8' HT. |
| <u>SHRUBS</u> | CODE | QTY | COMMON NAME | BOTANICAL NAME | <u>REMARKS</u> | <u>HT.</u> | SPD. | INSTALLED SIZE |
| + | CSC | 4 | CREEPING SAND CHERRY | PRUNUS BESSEYI 'PAWNEE BUTTES' | 5 GAL. | 2' | 5' | MIN. 18" SPD. |
| | ST | 22 | TRIDENT SAGE | SALVIA X 'TRIDENT' TM | 5 GAL. | 3' | 3' | MIN. 12" SPD. |
| 6 + 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | ET | 15 | TURPENTINE BUSH | ERICAMERIA LARICIFOLIA | 5 GAL. | 3' | 4' | MIN. 12" HT. |
| <u>GRASSES</u> | CODE | <u>QTY</u> | COMMON NAME | BOTANICAL NAME | <u>REMARKS</u> | <u>HT.</u> | SPD. | INSTALLED SIZE |
| \odot | BB | 18 | BLONDE AMBITION BLUE GRAMA | BOUTELOUA GRACILIS 'BLONDE AMBITION' | 1 GAL. | 3' | 3' | MIN. 8" HT. |
| | MR2 | 6 | DEER GRASS | MUHLENBERGIA RIGENS | 3 GAL. | 5' | 5' | MIN. 12" SPD. |

LEGEND

DESCRIPTION

EXISTING TREE TO REMAIN.

BOULDER SHALL BE A 2' X 2' 'BROWN OR GOLD', AS AVAILABLE FROM NM READY MIX, (575-392-1317), OR APPROVED EQUAL.

BOULDER SHALL BE A 3' X 3' 'BROWN OR GOLD', AS AVAILABLE FROM NM READY MIX, (575-392-1317), OR APPROVED EQUAL.

3" DEPTH OF MIXED WHITE GRAVEL MULCH, AS SUPPLIED BY OWNER, INSTALLED OVER FILTER FABRIC.

GENERAL PLANTING NOTES

DESCRIPTION

TREES SHALL BE INSTALLED PER DETAIL A5/LP501.

SHRUBS SHALL BE INSTALLED PER DETAIL C5/LP501.

ACCENT BOULDERS SHALL BE INSTALLED PER DETAIL D5/LP501.

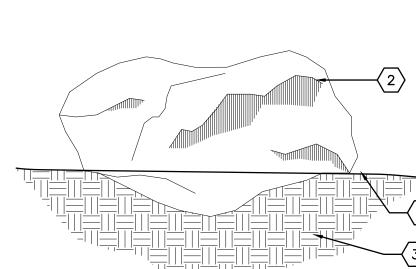
IN CASE OF DISCREPANCY IN PLANT QUANTITIES SHOWN ON THE PLANT LEGEND AND THOSE SHOWN ON THE PLANTING PLAN, THE QUANTITIES SHOWN ON THE PLAN SHALL GOVERN. CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR TO BID AND INSTALLATION. NO ADDITIONAL PAYMENT WILL BE MADE FOR ANY DISCREPANCIES IN QUANTITIES BETWEEN THE PLANTING PLAN AND THE PLANT LIST.

THE TOP OF MULCH SHALL BE 1" BELOW TOP OF ADJACENT CONCRETE SURFACES.

THE CONTRACTOR SHALL PRUNE LOWER BRANCHES OF DECIDUOUS TREES AS DIRECTED BY LANDSCAPE ARCHITECT IN THE FIELD.

IN CASE OF DISCREPANCY IN THE FIELD OR NURSERY BETWEEN THE CONTAINER SIZE CALLED OUT UNDER "REMARKS" AND HEIGHT & SPREAD CALLED OUT UNDER "SIZE", THE SPECIFIED PLANT MUST MEET HEIGHT & SPREAD REQUIREMENTS SPECIFIED UNDER "SIZE", EVEN IF A LARGER CONTAINER SIZE IS REQUIRED TO MEET THESE SPECIFICATIONS. AT NO ADDITIONAL COST TO THE OWNER.

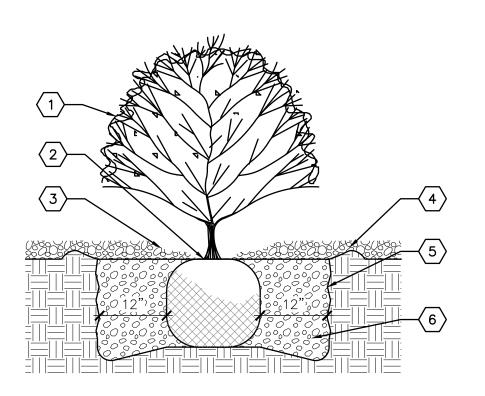
THE FILTER FABRIC SHALL BE MIN. 4 OZ. NON-WOVEN NEEDLE-PUNCHED POLYPROPYLENE (MIRAFI OR EQUIVALENT). OVERLAP ENDS 3" AND TURN DOWN EDGES 6".



1. FINISH GRADE (MATERIAL VARIES) — BOULDER SHALL BE BURIED TO MIN 8" DEPTH BELOW FINISH GRADE.

BOULDER, SEE PLANS. 3. SUBGRADE COMPACTED TO 95%.





1. SHRUB LOCATION AND SPECIES AS PER PLAN. 2. PLANT AT SAME DEPTH MAINTAINED AT NURSERY.

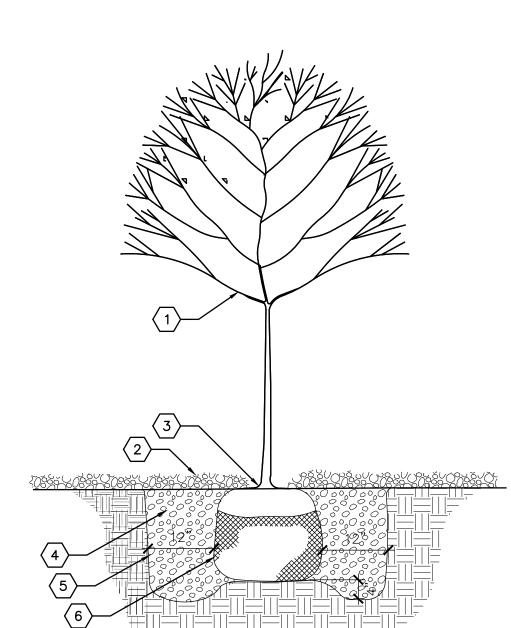
3. FEATHER MULCH TO A 2" DEPTH ON TOP OF ROOT BALL AND HOLD BACK 2" FROM SHRUB STEM(S).

4. 4" DEPTH MULCH THROUGHOUT SHRUB BED UNLESS OTHERWISE NOTED. 5. SCARIFY EDGE OF PLANTING HOLE, CONTINUOUS ALL SIDES.

6. ORNAMENTAL PLANTING MIX - SEE SPECIFICATIONS. THOROUGHLY MIX BACKFILL AND AMENDMENTS PRIOR TO BACKFILLING.

SHRUB PLANTING

NOT TO SCALE



1. TREE LOCATION AND SPECIES PER PLAN 2. GRAVEL MULCH. MULCH SHALL BE FEATHERED TO A 2" DEPTH ON TOP OF ROOT

BALL AND SHALL BE HELD BACK 2" FROM TREE TRUNK. 3. REMOVE EXISTING SOIL (FROM NURSERY) AS NEEDED TO EXPOSE ROOT FLARE.

INSTALL WITH ROOT FLARE FLUSH WITH SUB-GRADE (BOTTOM OF MULCH). 4. BACKFILL AND SOIL AMENDMENTS (SEE SPECIFICATIONS). THOROUGHLY MIX BACKFILL AND AMENDMENTS PRIOR TO INSTALLATION.

5. SCARIFY EDGE OF PLANTING HOLE, CONTINUOUS ALL SIDES. 6. REMOVE WIRE BASKET, WOOD BOX, PLASTIC TWINE, AND/OR ROPE PRIOR TO

BACKFILL. REMOVE BURLAP EXCEPT FROM BOTTOM OF ROOT BALL.

TREE PLANTING



CONSULTANTS



LEA COUNTY AIRPORT LANDSCAPE IMPROVEMENTS

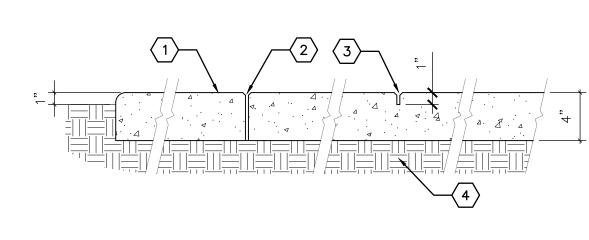
6601 W CARLSBAD HWY HOBBS, NM 88240

| | JANI | JANUARY 4, 2022 | | | | | | | | |
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| | CHEC | CKED BY: | RL | DATE: 1/4/2021 | | | | | | |
| | SHE | ET TITL | | | | | | | | |

DRAWING SHEET **LP501**

PLANTING DETAILS

& PLANTING LEGEND



1. 3000 PSI CONCRETE PAVING W/ MEDIUM BROOM FINISH. 2. EXPANSION JOINT PER PLAN. SEE GENERAL NOTE #B BELOW. 3. CONTROL JOINT PER PLAN. SEE GENERAL NOTE #C BELOW.

GENERAL NOTES

4. SUBGRADE COMPACTED TO 95%.

C. 1/8" X 1" DEEP CONTROL JOINT.

A. CONTROL JOINTS AND EXPANSION JOINTS SHALL BE AS SHOWN ON PLAN. INSTALL EXPANSION JOINTS WHERE PAVING ABUTS EXISTING BUILDINGS,

CURBS, SEATING WALLS, WALKS AND OTHER HARD CONSTRUCTION. B. 1/2" WIDE EXPANSION JOINT WITH FELT EXPANSION MATERIAL. FELT EXPANSION MATERIAL SHALL BE RECESSED 1/2." OPPOSING CONCRETE EDGES OF JOINT SHALL HAVE 1/4" RADIUS TOOLED EDGE. JOINTS SHALL BE LOCATED EVERY 30'-0" O.C. MAXIMUM.