LOS ALAMOS COUNTY

ADA IMPROVEMENTS TO NORTH MESA & EAST PARK

LOS ALAMOS, NEW MEXICO

CONSTRUCTION DOCUMENTS AUGUST, 2024

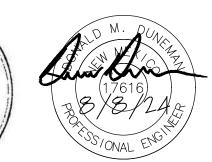
HUITT HZ ZOLLARS

300 EAST ROAD

6501 Americas Parkway NE, Suite. 830 Albuquerque, NM 87110 Phone: 505.883.8114 Contact: John Jarrard, AIA Email: jjarrard@huitt-zollars.com

LOS ALAMOS COUNTY ADA AT PARKS





SELECTIVE DEMOLITION NOTES CONTRACTOR SHALL STUDY THE DRAWINGS AND THE AREAS WHERE DEMOLITION WORK WILL BE PERFORMED. CORREC

- PRIOR TO START OF DEMOLITION, THE CONTRACTOR SHALL ENSURE THAT NO AIRBORNE PARTICLES WILL INFILTRATE THI
- CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSED BY SELECTIVE DEMOLITION

- CONDUCT DEMOLITION OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH PARKING LOTS. WALKS AND THE OCCUPIED

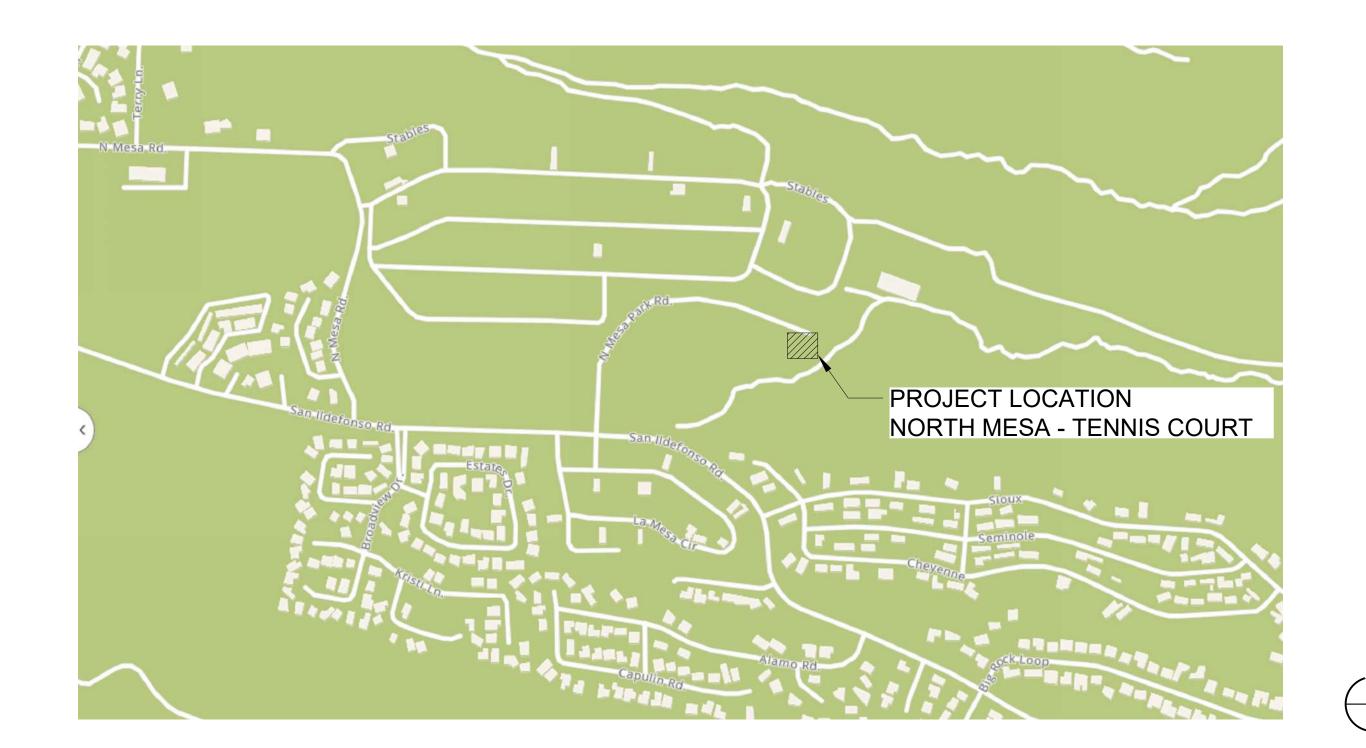
- DEMOLISH AND REMOVE EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY THE NEW CONSTRUCTION. USE METHODS REQUIRED TO COMPLETE THE WORK AS FOLLOWS: a. NEATLY CUT OPENINGS PLUMB, SQUARE AND TRUE TO DIMENSIONS REQUIRED. USE CUTTING METHODS LEAST
- TOOLS DESIGNED FOR SAWING OR GRINDING. VOID MARRING EXISTING FINISHED SURFACES. REMOVE AND TRANSPORT DEBRIS IN COVERED CONTAINERS AND IN A MANNER THAT WILL PREVENT SPILLAGE. PROMPTLY DISPOSE OF DEMOLISHED MATERIALS, DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE. TRANSPORT

LIKELY TO DAMAGE EXISTING CONSTRUCTION. TO MINIMIZE DISTURBANCE OF ADJACENT SPACES, USE HAND OR SMALL POWER

DEMOLISHED MATERIALS OFFSITE PROPERTY AND LEGALLY DISPOSE OF THE DEBRIS. STORAGE OR SALE OF REMOVED ITEMS OR MATERIALS ON-SITE SHALL NOT BE PERMITTED.

PROMPTLY PATCH AND REPAIR ANY DAMAGED SURFACES CAUSED BY DEMOLITION TO ADJACENT CONSTRUCTION. RESTORE EXPOSED FINISHES OF THE PATCHED AREA AND EXTEND FINISH RESTORATION INTO ADJOINING CONSTRUCTION IN A MANNER THAT ELIMINATES EVIDENCE OF PATCHING AND REFINISHING.

VICINITY MAP (NORTH MESA)



DESIGN CRITERIA

PROJECT NAME

LOS ALAMOS, NM 87544 PROJECT LOCATION: 750 NORTH MESA ROAD

> LOS ALAMOS, NM 87544 John Jarrard, AIA, LEED AF 6501 Americas Parkway NE Albuquerque, NM 87110

1000 CENTRAL AVE

PROJECT SUMMARY

2012 NATIONAL ELECTRICAL SAFETY CODE

CODE INFORMATION

STANDBY ROOM RENOVATION SQUARE FOOTAGE.

TYPE OF CONSTRUCTION:

No change to construction type

BUILDING FLOOR AREA: No change in building floor area

EXISTING USE AND OCCUPANCY (AREA OF WORK)

No change to occupancy use.

CLASSIFICATION OF WORK Per IEBC Alterations - Level 2

Remove & replace existing tennis and basketball courts with all related appurtenances.

No change to existing egress route

No change to existing egress distance

Plumbing fixture count has not changed.

DESIGN TEAM

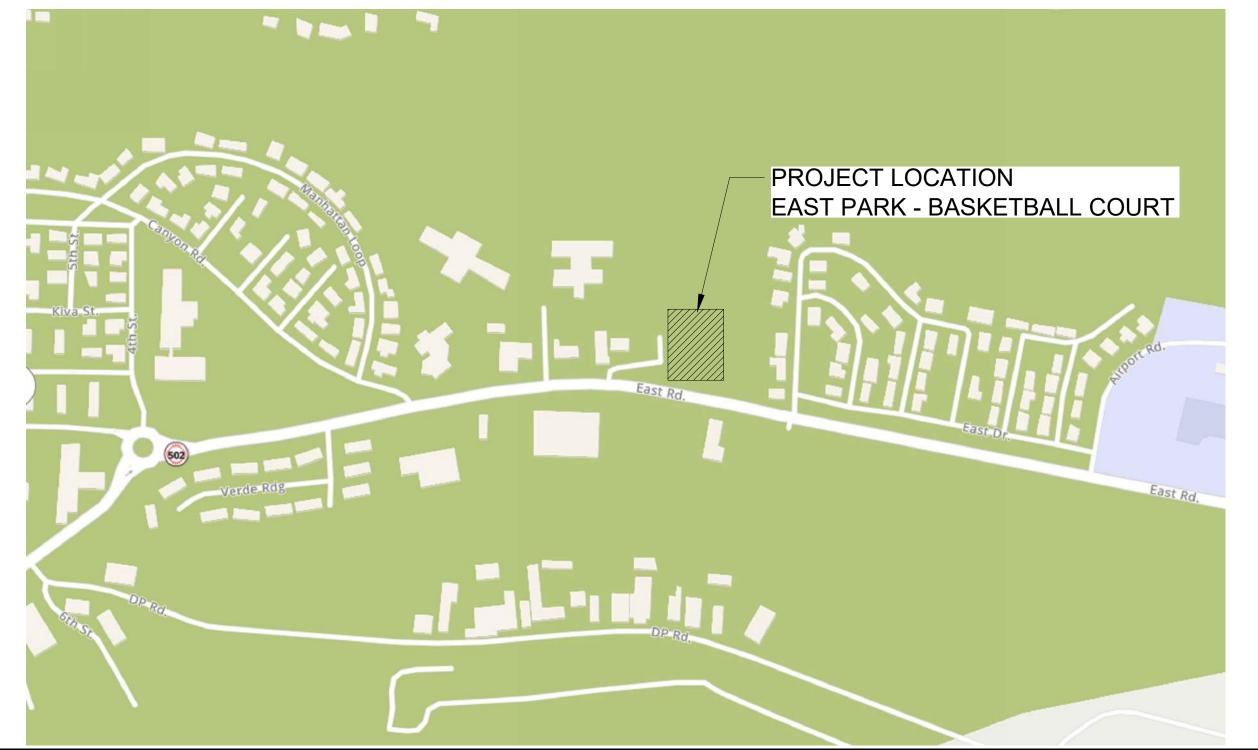
Huitt-Zollars, INC 6501 Americas Parkway NE Albuguergue, NM 87110

CONTACT: John Jarrard, AIA Phone: 505.883.8114

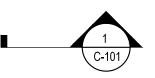
GENERAL CONSTRUCTION NOTES

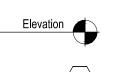
- CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS AND ASSOCIATED FEES, AS REQUIRED BY THE GOVERNING AUTHORITIES AND SHALL PAY ALL APPLICABLE TAXES.
- CONTRACTOR/SUBCONTRACTORS SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF LABOR REGULATION AND LAWS AS ALL
- CONTRACTOR/ SUBCONTRACTORS SHALL VISIT THE PROJECT SITE AND CAREFULLY REVIEW THE DRAWINGS PRIOR TO SUBMITTING BIDS, AND SHALL BECOME FAMILIAR WITH THE DRAWINGS AND CONDITIONS AFFECTING THE WORK THROUGH NORMAL VISUAL INSPECTION. IN THE EVENT OF DISCREPANCIES OR QUESTIONS, SUBMIT WRITTEN REQUEST FOR INFORMATION DIRECTLY TO THE OWNER (THE OWNER)FOR CLARIFICATION PRIOR TO BID. CONTRACTOR/SUBCONTRACTORS SHALL CALL FOR AND RECEIVE ALL NECESSARY INSPECTIONS BY THE GOVERNING AUTHORITIES DURING THE ENTIRE CONSTRUCTION PERIOD. AND SHALL COMPLY WITH ALL APPLICABLE CODE FOR THE SCOPE OF WORK OF THIS PROJECT AS INDICATED IN THE CONTRACT DOCUMENTS.
- CONTRACTORS/SUBCONTRACTORS SHALL VERIFY ALL DIMENSIONS OF THE DRAWINGS WITH THE ACTUAL PROJECT SITE CONDITIONS PRIOR TO CONSTRUCTION. IN THE EVENT OF DIMENSIONAL DISCREPANCIES, NOTIFY THE ARCHITECT IMMEDIATELY FOR FURTHER DIRECTIONS. ANY CHANGES TO THE DRAWINGS OR SPECIFICATIONS MUST HAVE THE APPROVAL OF THE OWNER.
- REFER TO OTHER APPLICABLE GENERAL NOTES ON OTHER SHEETS OF THIS SET OF DRAWINGS
- THE DRAWINGS HAVE BEEN PREPARED IN A MANNER WHICH PRESENTS THE OVERALL CONSTRUCTION SEQUENCE INVOLVING
- FLOOR FINISH TO BE CONTINUED UNDER BUILT-IN FURNISHINGS SUCH AS CABINETRY UNLESS NOTED OTHERWISE. WALL TO BE
- COORDINATE WITH THE OWNER FOR WORK / EQUIPMENT TO BE OWNER FURNISHED CONTRACTOR INSTALLED OR OWNER
- REMOVE ALL CONSTRUCTION DEBRIS FROM INSIDE THE BUILDINGS(S) AS IT IS PRODUCED. DO NOT WAIT UNTIL THE END OF THE DAY. PLACE IN LARGE COLLECTIONS CONTAINERS, COMPLY WITH OWNER'S POLICY AND DEPOSIT OFF THE OWNER'S PROPERTY IN A LEGAL DUMP UNLESS OTHERWISE INSTRUCTED.
- FOR ACCESSIBLE CLEARANCES, COMPLY WITH REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE(2021), AND ANSI 117.1-2017 AMERICAN NATIONAL STANDARD ACCESSIBLE AND USABLE BUILDING AND FACILITIES.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS TO DISPOSAL SITE APPROVED BY REGULATORY
- THE CONTRACTOR AGREES TO TAKE NECESSARY SAFETY PRECAUTIONS AS REQUIRED BY FEDERAL, STATE AND LOCAL AUTHORITIES TO PROTECT PEDESTRIAN AND VEHICULAR TRAFFIC IN HE CONSTRUCTION AREA.
- ALL CLOSURES ARE ASSUMED AT ALL PARTITIONS, WALL CEILINGS, ROOFS AND JUNCTIONS. IF SPECIFIC CLOSURE DETAILS ARE NOT INDICATED AT A GIVEN CONDITION. CONTRACTOR SHALL CONSTRUCT CLOSURE IN KEEPING WITH THE ADJACENT CONSTRUCTION OR IN KEEPING WITH THE INDUSTRY STANDARD FOR MAKING SUCH CLOSURE. ALL FINISH MATERIALS TO BE COPED IN AND AROUND STRUCTURAL ELEMENTS AND OTHER PENETRATING ITEMS IN ORDER TO MAKE A COMPLETE CLOSURE.

VICINITY MAP (EAST PARK)



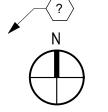
DRAWING LEGEND





SPOT ELEVATION

SHEET KEYNOTE



NORTH ARROW



AND DELTA

SHEET INDEX

COVER SHEET

C-502 EP

GENERAL NOTES MESA PARK SHEETS (TENNIS COURT) C-101 NM **EXIST SITE & DEMOLITION PLAN** C-102 NM C-103 NM GRADING CONSTRUCTION POINT PLAN C-501 NM DETAILS C-502 NM DETAILS

EAST PARK SHEETS (BASKETBALL COURT) C-101 EP EXIST SITE & DEMOLITION PLAN C-102 EP

C-103 EP GRADING CONSTRUCTION POINT PLAN C-501 EP DETAILS

DETAILS

S-101 FOUNDATION PLAN

STRUCTURAL

FOUNDATION SECTIONS

GENERAL STRUCTURAL NOTES

- All construction shall be performed in accordance with 1) the project construction plans, 2) the project specifications, 3) the current edition of the County Of Los Alamos County standard details, 4) the current edition of the NMDOT Standard Specifications for Highway and Bridge Construction, and 5) the New Mexico Standard Specifications for Public Works Construction and details, as prepared by the New Mexico Chapter, American Public Works Association and addendum. In the case of conflicting specifications, County Of Los Alamos will determine which specification governs.
- The Contractor agrees to assume the sole and complete responsibility for the job site conditions during the course of construction of the project, including safety of all persons and property. This requirement shall apply continuously and not be limited to normal working hours, and the Contractor shall defend, indemnify and hold the County and Engineer harmless from any and all liability, real or alleged, in connection with the performance of the work on this project.
- No modifications to these plans shall be made without the written consent of the County, Engineer, and all approval signatories. The Engineer shall not be responsible for construction methods or techniques or for the prosecution of the work as shown on these plans. The Engineer shall not be held responsible for the acts or omissions of the Contractor, Subcontractors, or other persons performing any work, as shown in the project Contract Documents.
- A Right-of-Way Use Permit and Traffic Control Plan (TCP) are required for all work performed within the public Right-of-Way. Provisions contained within the County Of Los Alamos, Municipal Code shall govern. All construction signing, barricading, and channelization devices shall conform to the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD). The Contractor is responsible for the setup and maintenance of all traffic control devices. Any modifications to the approved traffic control plan must by approved by the County prior to any changes being implemented. A Traffic Control Supervisor must be available for the duration of the project 24 hours a day and seven days a week. Access to residents and businesses must be maintained at all times.
- The Contractor shall designate at least one emergency contact person, and shall provide telephone numbers where this person can be contacted at any time. This information shall be provided to the County's Project Manager.
- The Contractor is responsible for obtaining all necessary permits from all jurisdictional authorities before the start of construction.
- All work on this project shall be performed in accordance with applicable federal, state, and local laws, rules and regulations concerning construction safety, health, and environmental protection.
- Existing site improvements which are damaged or displaced by the Contractor shall be removed and replaced by the Contractor at the Contractor's own expense, and at no additional cost to the County. The work shall be approved by the County before construction of the repairs. Repairs must be accepted by the County before final payment.
- The Contractor shall only utilize the designated staging areas for storage of all equipment and materials. The County assumes no responsibility or liability for the Contractor's equipment and material in the staging area. Security shall be the sole responsibility of the Contractor. If no staging area is designated on these plans, an offsite staging area shall be provided by the Contractor at the Contractor's expense, or the Contractor may negotiate with the County to use an onsite
- 10. Unless otherwise noted, all roadway stationing is along the centerline of the proposed roadway pavement section.
- 11. Unless otherwise noted, stationing of channels and/or pipes in drainage easements is along the centerline of the channel/pipe.
- 12. The Contractor shall be responsible for determining, in advance of their construction operations, if overhead utility lines, support structures, poles, guys, etc., are an obstruction to construction operations. If any obstruction is evident, the Contractor shall be responsible for coordinating with the appropriate utility owner to remove or support the utility obstruction. All costs for these requirements are incidental to the Contract.
- 13. Facilities which are not specifically located with actual vertical and horizontal controls on the construction documents, are shown approximate and in accordance with the best available information provided by various owners of the facilities, and supplemented by visual surface information where appropriate. Accuracy, location, and completeness of this information is the sole responsibility of the Contractor and should be verified, by any means necessary, before the initiation of construction. Should a conflict exist, the Contractor shall notify the County, Engineer, and the County's Project Manager immediately.
- 14. It is mandatory that a preconstruction meeting be held before commencing construction. The Contractor is responsible for contacting the County's Project Manager to determine the time and location of the preconstruction meeting.
- 15. At the preconstruction meeting, the Contractor shall submit a detailed construction schedule to the County's Project Manager. The schedule will be updated on a monthly basis and submitted with the monthly invoice.
- 16. Any work performed without the approval of the County Of Los Alamos and/or all work and materials not in conformance with the specifications is subject to removal and replacement at the Contractor's expense.
- 17. The Contractor shall contact NM 811 at 1-800-321-2537 for utility spots in accordance with applicable state law.
- 18. The Contractor shall confine their work to within the construction limits, existing fence line, and/or public right-of-way to preserve existing vegetation, landscaping, and private property. Approval of these plans does not give or imply any permission to trespass or work on private property. Permission must be granted in writing by the Owner of that property.
- 19. It is the sole responsibility of the Contractor to keep the job site free from trash on a daily basis, and all materials will be neatly organized. Trash and/or non-used materials shall not be buried onsite.
- 20. The Contractor shall park equipment and vehicles so as not to interfere with normal activities of residents, other Contractors, or Emergency Services.
- 21. The Contractor will provide construction staking utilizing approved construction plans, the appropriate Right-of-Way maps, recorded plats, and County Of Los Alamos County standard details. Each revision to the plans shall be recorded in the plan revision block. Plans shall include a location map with legal description(s) and location grid.
- 22. The Contractor shall maintain an up-to-date and accurate set of Working Record Drawings, redlined drawings, in accordance with the County or Development Process Manual (DPM) . These Working Record Drawings shall reflect all approved changes to the original plans throughout the construction process. At the completion of construction, the Contractor shall submit the Working Record Drawings as outlined in the County or DPM . Also, the Contractor shall ensure that all submittals, permitting, and construction activities are in accordance with the County or DPM and applicable ordinances. All costs for these requirements are incidental to the Contract.
- 23. No work shall be performed in a floodplain without written authorization from the County's Floodplain Manager.
- 24. Any work performed in a drainage way, channel, arroyo, or floodplain must be protected by the means identified in the Temporary Erosion Control and Sediment plans accepted by the County.
- 25. Vibration monitoring will be at the Contractor's discretion and incidental to the Contract.

SOILS

Unless otherwise specified subgrade soils and structural fill materials shall be compacted to the following percentages of the ASTM D-1557 maximum density. PERCENT (%)

eroemagee er ane rie rii. 2 roor maximusin aeneily.	PERCENT (%)
MATERIALS	COMPACTION
STRUCTURAL FILL IN THE BUILDING AREA	95
SUB BASE FOR SLAB SUPPORT	95
MISCELLANEOUS BACKFILL BELOW STRUCTURAL	
FILL OR ROAD	95
MISCELLANEOUS BACKFILL BELOW UNPAVED,	_
NON-BUILDING AREAS	90
ROAD SUB GRADE	95
SIDEWALK SUB GRADE	95
CURB AND GUTTER SUBGRADE	95
APPOVOS	90

ROADWAY GENERAL NOTES

- No paving construction activities shall be started until all underground utilities within the roadway are completed, tested, and approved. All water valve boxes and electrical, telephone, television, and sewer manholes in the construction area shall be adjusted to finished grade.
- All signs, barricades, channelization devices, pavement markings, sign frames and erection of such devices shall conform to the requirements of the "Manual on Uniform Traffic Control Devices for streets and highways" (MUTCD), current edition.
- All street striping altered or destroyed during construction shall be replaced by the Contractor to match the original conditions (i.e. type, spacing) at the location prior to construction, or as shown in this plan
- Street grades shall be restored by the Contractor to the existing grades unless otherwise directed by Los Alamos County. Smooth transitions shall be made between existing pavement which remains in place and pavement which is replaced. When abutting new pavement to existing, saw cut back existing pavement to a neat, straight line as required to remove any broken or cracked pavement. Refer to standard drawing detail D sheet 3-4.
- The location of all valves and manholes must be referenced at all times by the Contractor during construction and made accessible daily upon completion of all paving activities.
- Los Alamos County Right-OF-Way permit by Contractor Incidental.

NOTES TO THE CONTRACTOR

- Estimated quantities are considered approximate. Actual quantities shall be determined by field measurement or specifications.
- 2. The Contractor shall provide material submittals for Los Alamos County approval prior to ordering.
- 3. The Contractor is required to obtain all necessary construction permits as necessary for the project.

CAUTION - NOTICE TO CONTRACTOR

The Contractor is cautioned that the location and/or elevation of existing utilities as shown on these plans is based on records of various utility companies and where possible, measurements in the field. The information is provided for the convenience for the Contractor and is not to be relied upon as exact or complete. The Contractor shall call New Mexico 811 at 1-800-321-2537 at least 48 hours before any excavation / embankment to request field location of utilities. Any damage done to overhead or underground utilities shall be paid for at the Contractors expense.

EROSION CONTROL / ENVIRONMENTAL PROTECTION / STORM WATER **POLLUTION PREVENTION PLAN**

- The Contractor shall be responsible for fulfilling all necessary National Pollutant Discharge Elimination System (NPDES) requirements including, but not limited to, obtaining an NPDES permit before construction, filling out the Notice of Intent (NOI) application, and filling out the Notice of Termination (NOT) application. The Contractor shall also be responsible for the implementation of and inspection reports for the Storm Water Pollution Prevention Plan (SWPPP). The Contractor shall submit the SWPPP with the proposed construction staging area and temporary sanitary facilities clearly shown. Any check dams, silt fences, or other Best Management Practices (BMP) that are required in the approved SWPPP shall be included in and are incidental to the SWPPP bid amount.
- The Contractor is required to keep a current copy of the SWPPP at the construction site or at an easily accessible location so that it can be made available at the time of an onsite inspection or upon request by the EPA: a state. tribal, or local agency approving storm water management plans; the operator of a storm sewer system receiving discharges from the site; or representatives of the U.S. Fish and Wildlife Service (USFWS) or the National Marine Fisheries Service (NMFS).
- The Contractor shall conform to all Los Alamos County, State and Federal dust and erosion control regulations. The Contractor shall prepare and obtain any necessary dust or erosion control permits from the regulatory
- 4. The Contractor shall either promptly remove any material excavated within the public Right-of-Way or install BMPs according to NPDES requirements to prevent discharge of excavated material within the public Right-of-Way during a rain or wind event. All costs for these requirements are incidental to the Contract.
- The Contractor shall implement the approved SWPPP and ensure that no soil erodes from the site into public Right-of-Way or onto private property.
- The Contractor shall mitigate erosion of temporary or permanent dirt swales by installing BMPs identified in the approved SWPPP in the swales perpendicular to the direction of flow, and at intervals as specified in the SWPPP.
- Construction areas shall be watered for dust control in compliance with Los Alamos County ordinances. The Contractor shall be responsible for locating and supplying water as required. Watering, as required for construction and dust control, shall be considered incidental to construction and no measurement or payment shall be made therefore.
- Any areas disturbed by construction and not covered by landscaping or an impervious surface shall be re-vegetated with native grass seeding. When construction activities cease and earth disturbing activities will not resume within 14 days, stabilization measures must be initiated. Unless indicated otherwise on these plans or on the landscaping plan, native grass seeding shall be in accordance with Section 1012 of the New Mexico Standard Specifications for Public Works Construction, APWA NM Chapter, current edition.
- All waste products from the construction site, including items designated for removal, construction waste, construction equipment waste products (oil, gas, tires, etc.) garbage, grubbing, excess cut material, vegetative debris, etc. shall be appropriately disposed of offsite at no additional cost to the County. It shall be the Contractor's responsibility to obtain permits required to haul or dispose of waste products. It shall be the Contractor's responsibility to ensure that the waste disposal site complies with government regulations regarding the environment, endangered species, and archaeological resources.
- 10. The Contractor shall be responsible for the cleanup and reporting of spills of hazardous materials associated with the construction site. Hazardous materials include gasoline, diesel fuel, motor oil, solvents, chemicals, paints, etc. which may be a threat to the environment. The Contractor shall report the discovery of past or present spills to the New Mexico Environment Department Emergency Response Team at (505) 827-9329.
- 11. The Contractor shall comply with all applicable regulations concerning surface and underground water. Contact with surface water by construction equipment and personnel shall be minimized. Equipment maintenance and refueling operations shall be performed in an environmentally safe manner in compliance with government
- 12. Where storm inlets are susceptible to inflow of silt or debris from construction activities, protection shall be provided on their upstream side utilizing BMPs according to NPDES requirements. All costs for these requirements are incidental to the Contract.
- 13. Storm Water Pollution Prevention Plans (SWPPP) and accompanying Federal EPA Administrative Procedures shall meet the County guidelines and procedures outlined in the Los Alamos County's Stormwater Ordinance and Stormwater Master Plan.
- The Contractor shall provide adequate means for cleaning trucks and/or other equipment of mud before entering public streets. It is the Contractor's responsibility to clean streets and take whatever measures are necessary to ensure that all roads are maintained in a clean, mud and dust-free condition at all times.
- 15. No work may begin in a an arroyo or other drainage way until authorization has been provided by the Los Alamos County's Flood Plain Manager.

ABBREVIATIONS DEFINITIONS

ANALYSIS POINT BEGIN CURVE BCR BEGIN CURB RETURN BK BOOK BLDG BUILDING BM **BENCH MARK** BOP **BEGINNING OF PROJECT** BVC BEGIN VERTICAL CURVE BW BASE OF WALL CATV CABLE TV LINE CB CATCH BASIN CF CURB FACE CG CURB AND GUTTER CIP CAST IRON PIPE CHAIN LINK CENTERLINE CORRUGATED METAL PIPE CO CLEAN OUT CONC CONCRETE CY **CUBIC YARDS** DE, DUE DRAINAGE UTILITY EASEMENT DROP INLET DIA DIAMETER DIP **DUCTILE IRON PIPE** DELTA

ELECTRIC EACH **ELECTRIC BOX** EB EC **END CURVE ECR** END CURB RETURN **ELEVATION** EL, ELEV **END OF PROJECT** EOP EP EDGE OF PAVEMENT **ESMT** EASEMENT EVC END VERTICAL CURVE EW **EACH WAY**

EX, EXIST **EXISTING** FINISH FLOOR FINISH GRADE FIRE HYDRANT FLOW LINE FORCE MAIN FOC FACE OF CURB FINISHED PAD GAS GAS METER GV GATE VALVE **HORIZ** HORIZONTAL INT INTERSECTION INV INVERT INV EL INVERT ELEVATION LINEAR FEET LIGHT POLE LEFT MANHOLE

NATURAL GROUND ON CENTER PULL BOX POINT OF CURVATURE

POINT OF COMPOUND CURVATURE PCC PG PROFILE GRADE LINE PER TYPICAL SECTION PGL

POINT OF INTERSECTION PROPERTY LINE PRC POINT OF REVERSE CURVATURE PT POINT OF TANGENCY PUE PUBLIC UTILITY EASEMENT PVC POLYVINYL CHLORIDE PIPE **PVMT** PAVEMENT

R, RAD RADIUS RCP REINFORCED CONCRETE PIPE RD **ROOF DRAIN** REF

SY

TΑ

TC

UE

WV

REFERENCE RIGHT R/W, ROW RIGHT-OF-WAY SLOPE SAS SANITARY SEWER LINE SD STORM DRAIN SQUARE FEET STA STATION STD STANDARD SW SIDEWALK

SQUARE YARDS TANGENT TOP OF ASPHALT TAC TOP OF ASPHALT CURB TBC TOP BACK OF CURB TOP OF CONCRETE TELEPHONE LINE, RISER OR BOX TEL

TOP OF PIPE **TRANS** TRANSVERSE TW TOP OF WALL TYP TYPICAL

UT UNDERGROUND TELEPHONE LINE VC VERTICAL CURVE **VERT** VERTICAL

UNDERGROUND ELECTRICAL LINE

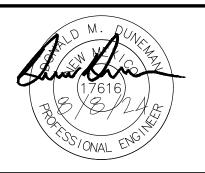
VERTICAL POINT OF INTERSECTION VPI WATERLINE W, WL WATER METER WM **WSEL** WATER SURFACE ELEVATION

WATER VALVE

NOTE: LEGEND APPLIES TO ALL SHEETS IN THIS PLAN SET,

HUITT ALBUQUERQUE, NM 87110 505.883.8114

www.huitt-zollars.com







Los Alamos **County ADA Improvements** at Parks

North Mesa and **East Park Court Improvements**

Los Alamos County

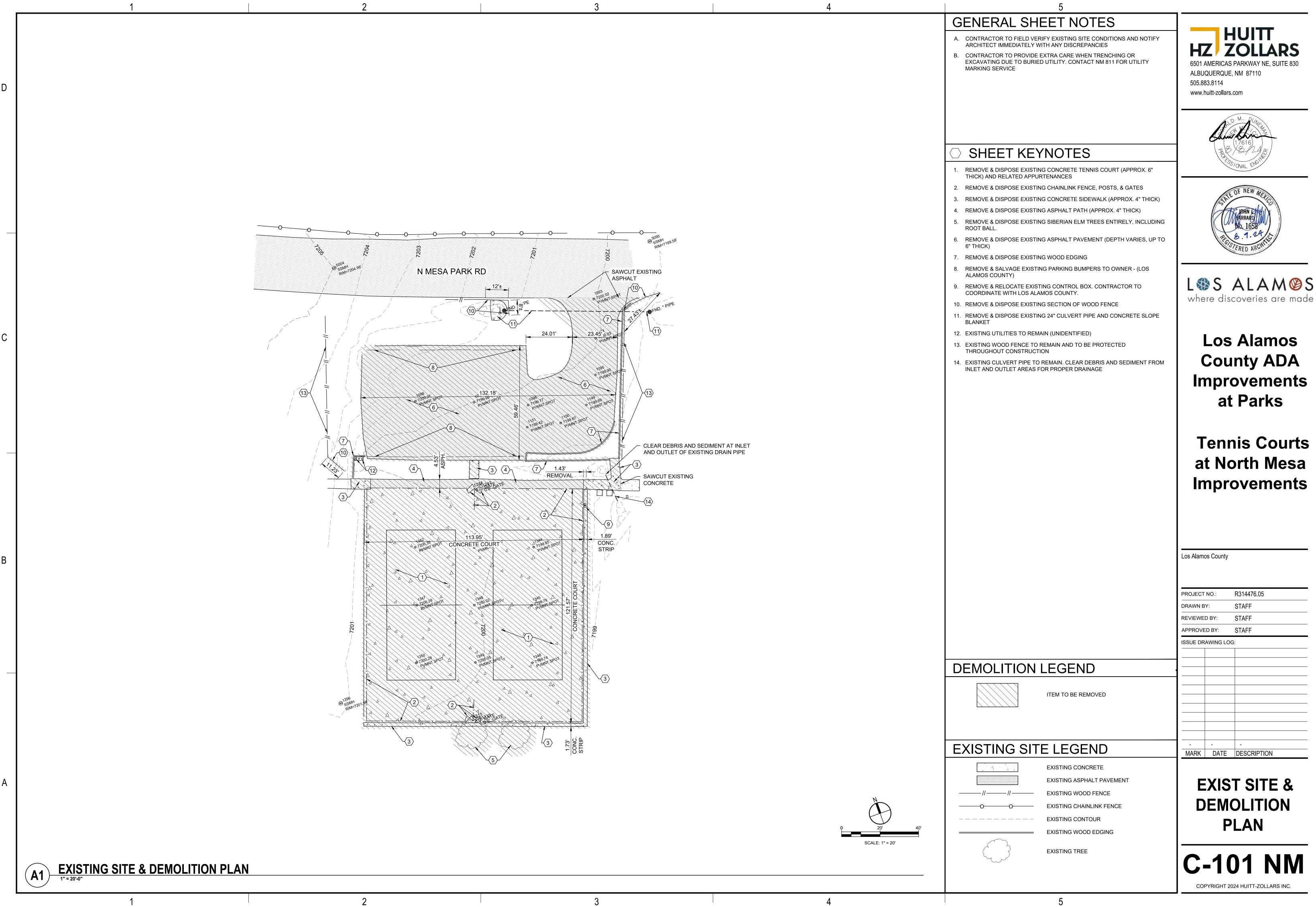
R314476.05 PROJECT NO.: STAFF DRAWN BY **REVIEWED BY:** STAFF APPROVED BY: ISSUE DRAWING LOG:

GENERAL NOTES

IS GENERIC, AND NOT ALL SYMBOLS MAY BE IN PLAN SHEETS.

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MARK DATE DESCRIPTION



LSS ALAMSS

Los Alamos **County ADA Improvements**

at North Mesa **Improvements**

PROJECT NO.:	R314476.05
DRAWN BY:	STAFF
REVIEWED BY:	STAFF
APPROVED BY:	STAFF
ISSUE DRAWING LO	OG:

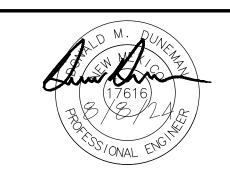
C-101 NM

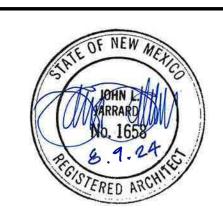
GENERAL SHEET NOTES

- A. CONTRACTOR TO FIELD VERIFY EXISTING SITE CONDITIONS AND NOTIFY ARCHITECT IMMEDIATELY WITH ANY DISCREPANCIES
- CONTRACTOR TO PROVIDE EXTRA CARE WHEN TRENCHING OR EXCAVATING DUE TO BURRIED UTILITY. CONTACT NM 811 FOR UTILITY

HUITT HZ ZOLLARS ALBUQUERQUE, NM 87110 505.883.8114

www.huitt-zollars.com







Los Alamos **County ADA Improvements** at Parks

Tennis Courts at North Mesa **Improvements**

R314476.05

STAFF

STAFF

Los Alamos County

PROJECT NO.:

REVIEWED BY

ISSUE DRAWING LOG:

DRAWN BY

LINE TABLE		
IE#	LENGTH	DIRECTION
_1	64.00'	N19° 21' 43.86"E
_2	90.00'	S70° 38' 16.14"E
_3	18.00'	S19° 21' 43.86"W
_4	5.00'	S70° 38' 16.14"E
- 5	54.00'	S19° 21' 43.86"W
_6	131.00'	N70° 38' 16.14"W

2.00'

10.00'

30.00'

30.00'

2.83'

42.43'

42.43'

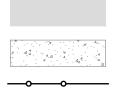
CURVE TABLE

3.14'

47.12'

47.12'

C4



NEW ASPHALT PAVEMENT NEW CONCRETE

NEW CHAINLINK FENCE

EXISTING SITE LEGEND

EXISTING CONCRETE EXISTING ASPHALT PAVEMENT EXISTING WOOD FENCE

EXISTING CHAINLINK FENCE EXISTING WIRE FENCE **EXISTING CONTOUR**

EXISTING TREE

C-102 NM

MARK DATE DESCRIPTION

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SITE PLAN

7201.15 MATCH EXISTING

N MESA PARK RD

FG:7200:60-

TOP SLOPE: 7200.57—

TOP SLOPE: _ 7200.57

FG 7200.60

GENERAL SHEET NOTES

- A. CONTRACTOR TO FIELD VERIFY EXISTING SITE CONDITIONS AND NOTIFY ARCHITECT IMMEDIATELY WITH ANY DISCREPANCIES
- 3. CONTRACTOR TO PROVIDE EXTRA CARE WHEN TRENCHING OR EXCAVATING DUE TO BURRIED UTILITY. CONTACT NM 811 FOR UTILITY MARKING SERVICE

SHEET KEYNOTES

- ZERO HEIGHT CURB FLUSH WITH ADJACENT ASPHALT / CONCRETE
- EXISTING CULVERT TO REMAIN. REMOVE DEBRIS AND SEDIMENT FROM
- 3. 24" DIA. ULTRA FLO PIPE (81 LF) WITH CONCRETE SLOPE BLANKETS PER DETAILS A1,B1, & D1 SHEET C-502 NM

	P(DINT TABLE		
POINT #	DESCRIPTION	ELEVATION	NORTHING	EASTING
1 01111 #	DESCRIPTION	LLLVATION	NOINTIING	LAGTING
1	COURT CORNER	7199.40	1780849.76	1633048.53
2	COURT CORNER	7199.40	1780729.00	1633006.09
3	COURT CORNER	7200.60	1780768.78	1632892.88
4	COURT CORNER	7200.60	1780889.55	1632935.32
6	TOP CONC	7199.37	1780726.45	1633007.32
7	TOP CONC	7199.37	1780841.52	1633047.76
8	TOP CONC	7198.63	1780835.10	1633064.39
9	TOP CONC	7198.65	1780839.75	1633066.23
10	TOP CONC	7198.90	1780842.04	1633060.45
11	TOP CONC	7199.21	1780844.92	1633053.19
12	TOP CONC	7199.21	1780853.90	1633056.35
13	TOP CONC	7198.92	1780851.29	1633063.78
14	TOP CONC	7198.86	1780842.74	1633061.80
15	TOP CURB	7199.02	1780850.10	1633068.69
16	TOP CURB	7198.92	1780851.76	1633063.95
17	TOP CURB	7199.21	1780854.38	1633056.51
18	TOP CURB	7199.30	1780856.36	1633050.85
19	TOP CURB	7199.52	1780863.69	1633030.01
20	TOP CURB	7200.42	1780893.53	1632945.10
21	TOP CONC	7200.52	1780886.96	1632942.79
22	TOP RET CURB	7201.97	1780889.50	1632928.41
23	TOP RET CURB	7201.97	1780898.30	1632931.51
24	TOP ASPHALT	7200.81	1780912.40	1632951.73
25	TOP ASPHALT	7201.67	1780953.91	1632966.32
26	TOP ASPHALT	7200.98	1780937.83	1633012.06
27	TOP ASPHALT	7200.39	1780924.07	1633051.23
28	TOP ASPHALT	7200.14	1780907.09	1633045.26
29	TOP ASPHALT	7200.13	1780904.54	1633046.48
30	TOP ASPHALT	7200.27	1780902.88	1633051.20
40	TOP ASPHALT	7200.46	1780909.00	1633063.95
41	TOP ASPHALT	7200.66	1780922.40	1633065.45
42	TOP ASPHALT	7200.86	1780935.10	1633060.93
43	TOP ASPHALT	7201.15	1780947.25	1633045.59
44	TOP ASPHALT	7198.02	1780920.13	1633122.46
45	TOP ASPHALT	7199.83	1780917.64	1633100.93
46	TOP ASPHALT	7199.61	1780904.06	1633087.84
47	TOP ASPHALT	7199.44	1780882.64	1633080.13
74	FL SWALE	7200.07	1780881.37	1632929.80
75	FL SWALE	7199.57	1780767.73	1632889.86
76	END COBBLE	7199.37	1780763.29	1632890.42
77	END COBBLE	7199.37	1780764.62	1632886.65

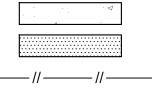
LEGEND



NEW ASPHALT PAVEMENT

NEW CONCRETE NEW CHAINLINK FENCE

EXISTING SITE LEGEND



EXISTING CONCRETE

EXISTING ASPHALT PAVEMENT

EXISTING CONTOUR

EXISTING TREE

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HUITT HZ ZOLLARS





Los Alamos **County ADA Improvements** at Parks

Tennis Courts at North Mesa **Improvements**

Los Alamos County

ROJECT	NO.:	R314476.05
RAWN B	Y:	STAFF
EVIEWE	D BY:	STAFF
PPROVE	ED BY:	STAFF
SSUE DR	AWING LOG	:

GRADING, CONSTRUCTION **POINT PLAN**

MARK DATE DESCRIPTION

C-103 NM

GRADING, CONSTRUCTION POINT PLAN

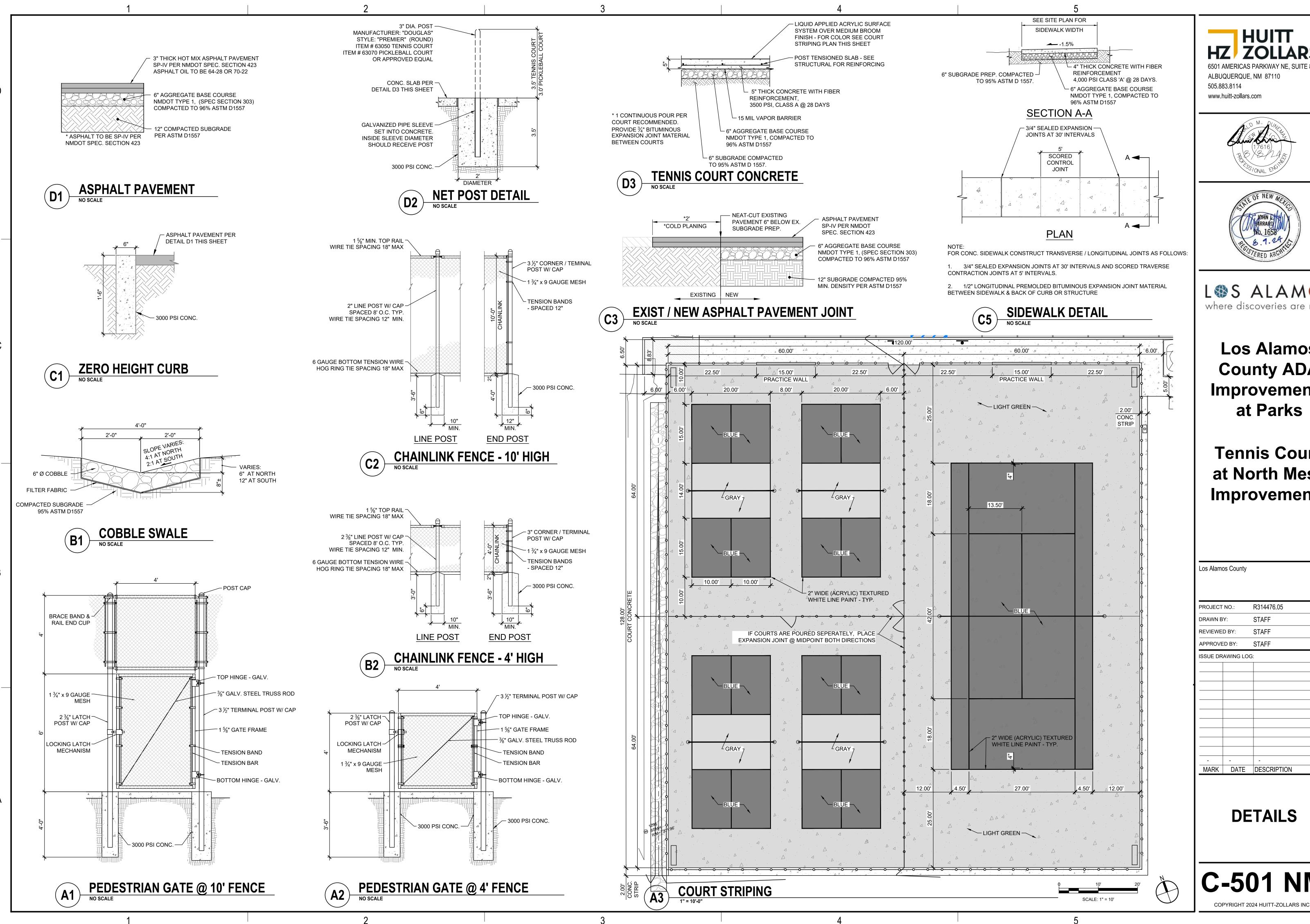
1" = 20'-0"

7198.02 MATCH EXISTING

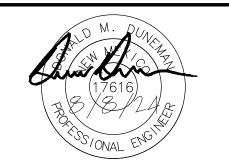
MATCH EXISTING

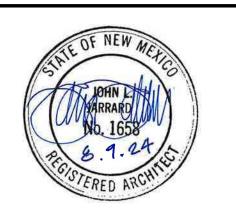
MATCH EXISTING

- GRADE TO DRAIN @ 0.5% MIN.



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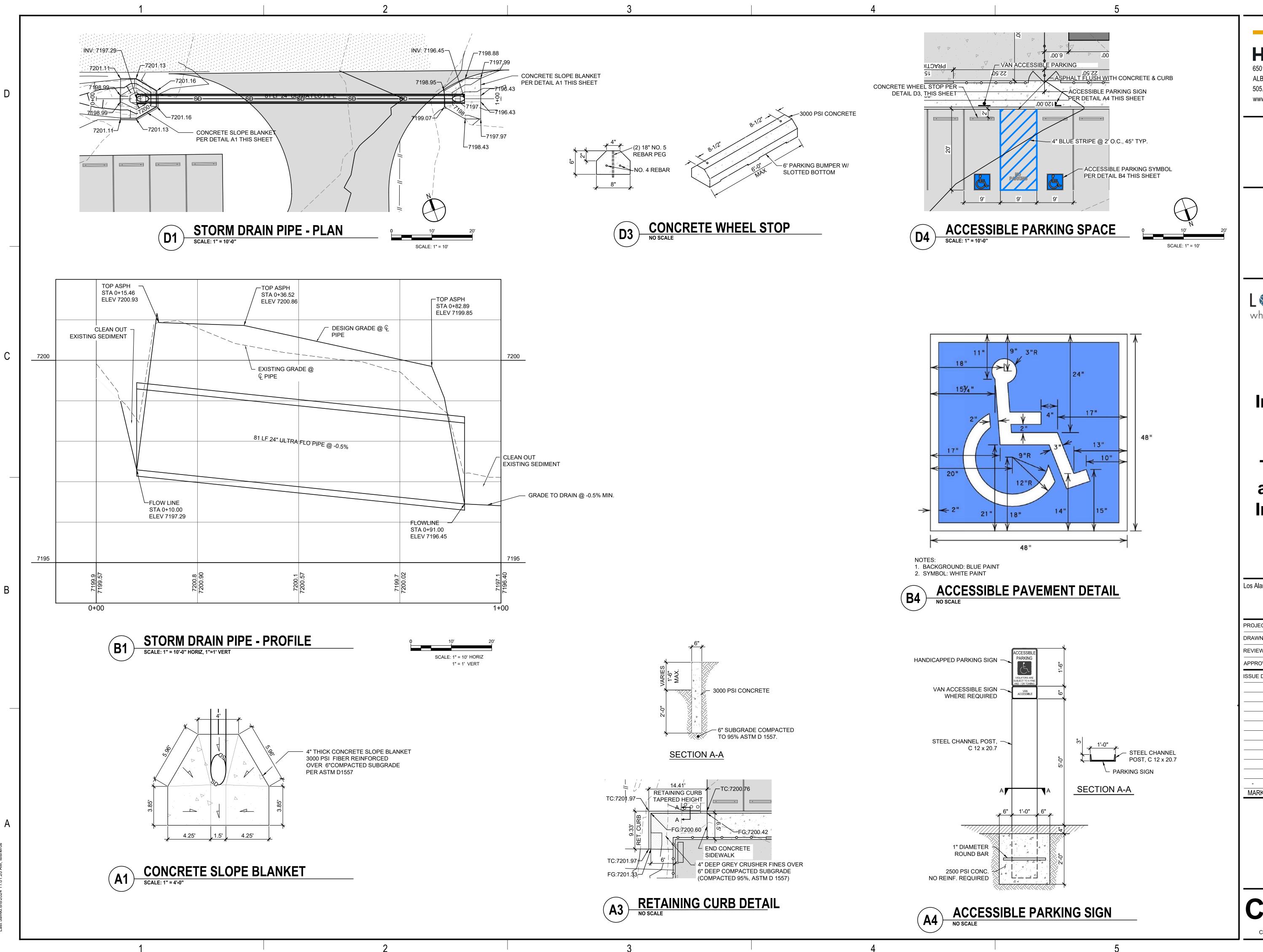


Los Alamos **County ADA Improvements** at Parks

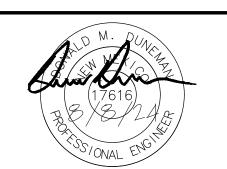
Tennis Courts at North Mesa **Improvements**

PROJECT NO.: R314476.05 STAFF **DRAWN BY** STAFF **REVIEWED BY** APPROVED BY: ISSUE DRAWING LOG:

DETAILS



HUITT ZOLARS
6501 AMERICAS PARKWAY NE, SUITE 830
ALBUQUERQUE, NM 87110
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Los Alamos County ADA Improvements at Parks

Tennis Courts at North Mesa Improvements

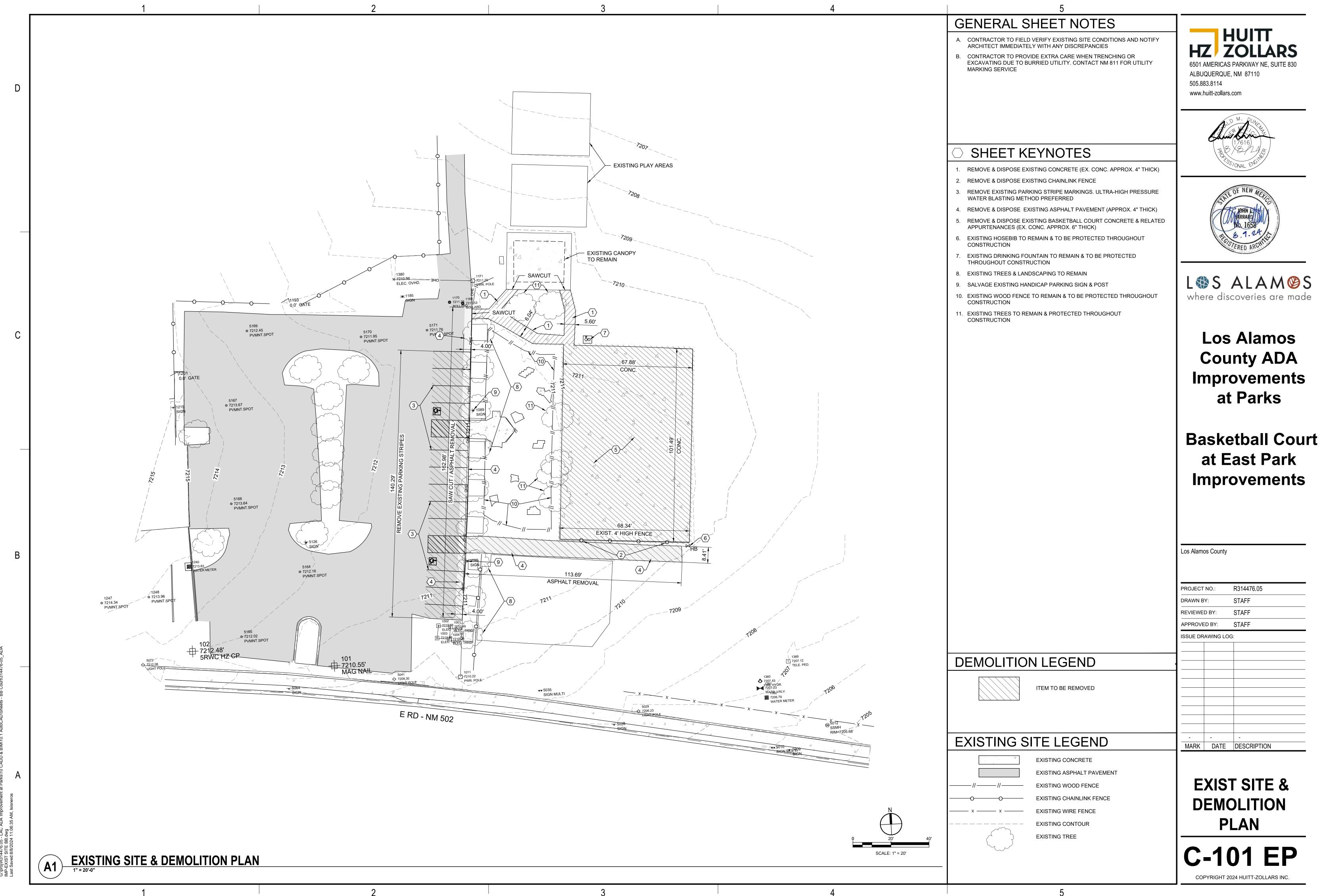
Los Alamos County

PROJECT	NO.:	R314476.05
DRAWN B	SY:	STAFF
REVIEWE	D BY:	STAFF
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MARK	DATE	DESCRIPTION

DETAILS

C-502 NM

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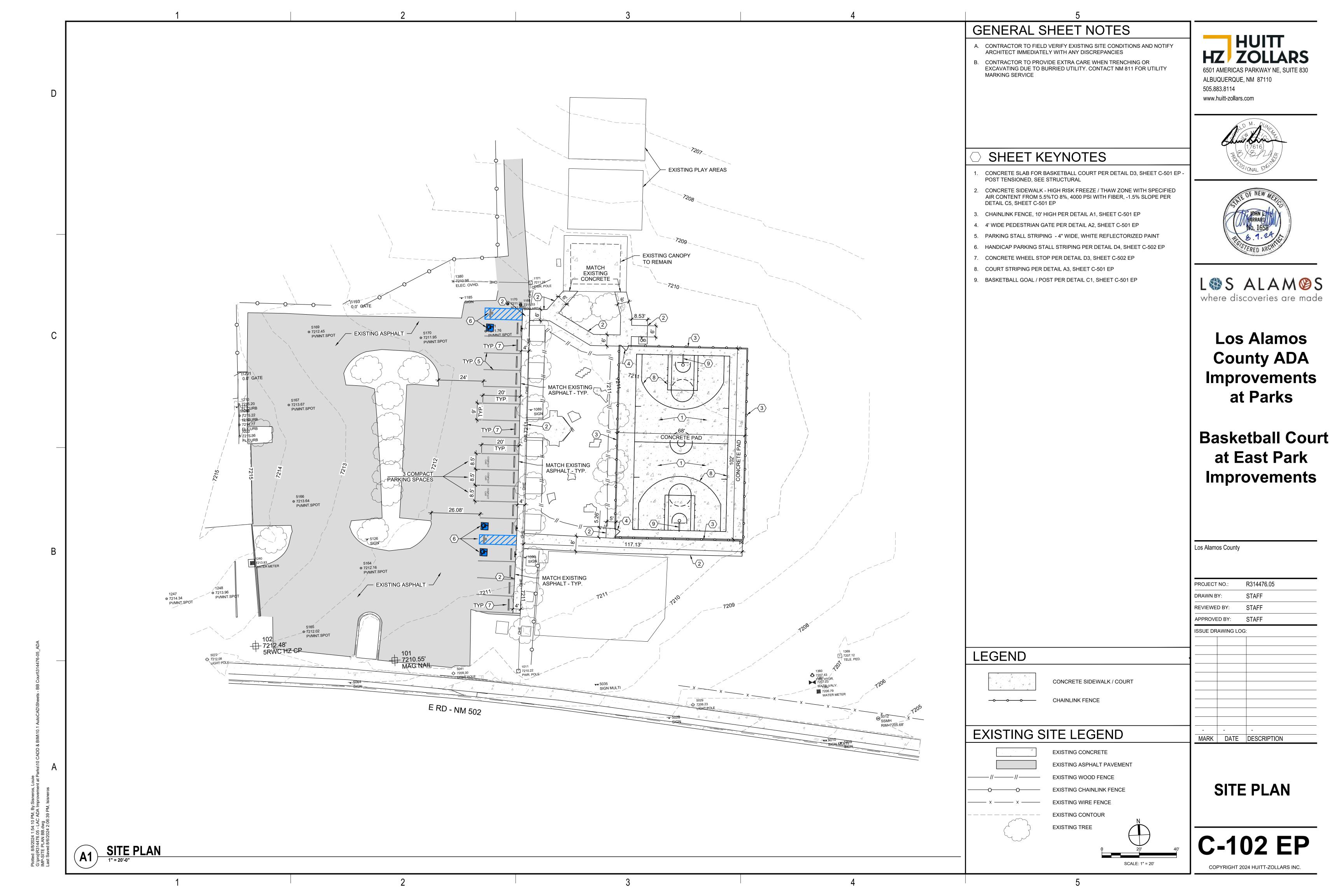


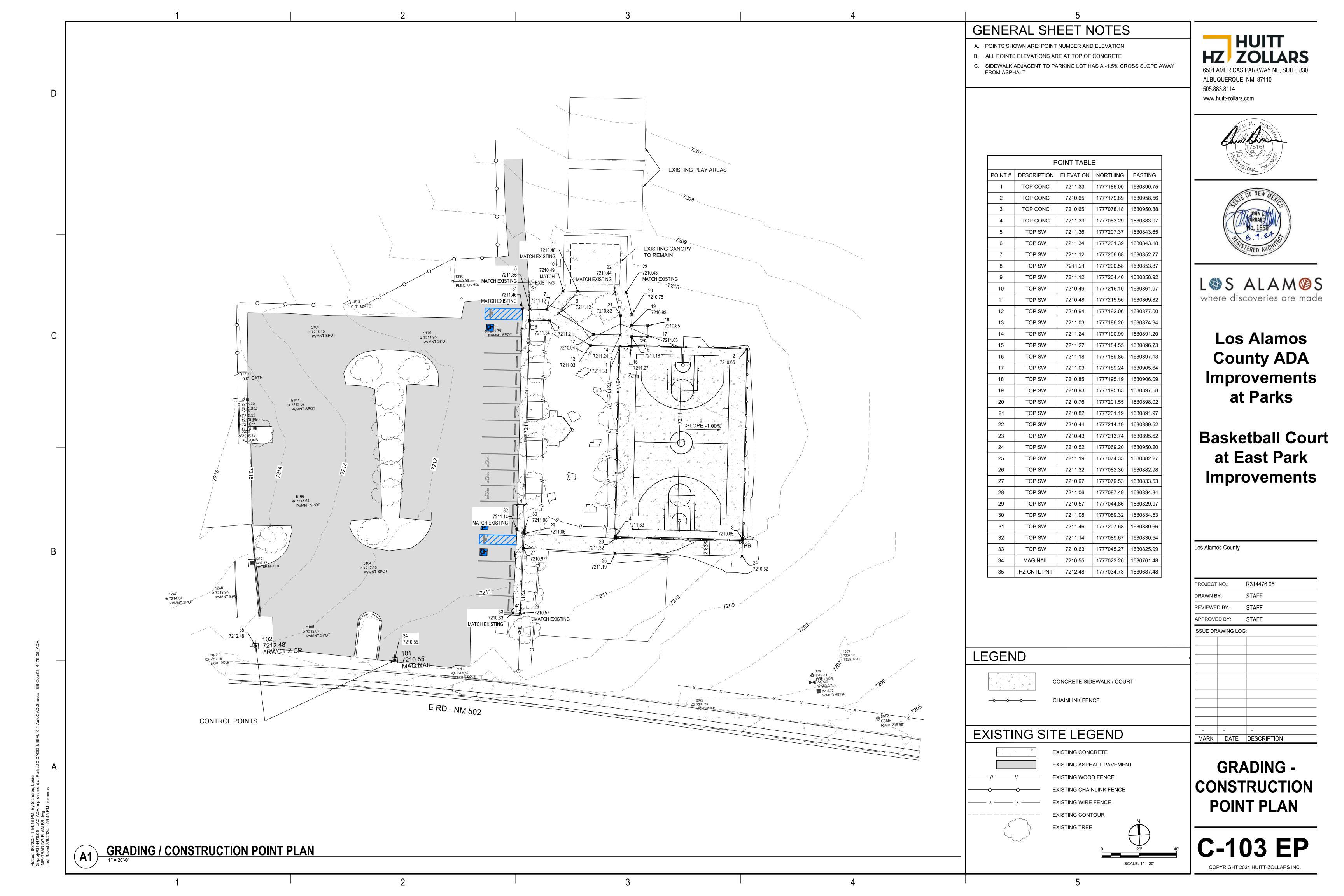
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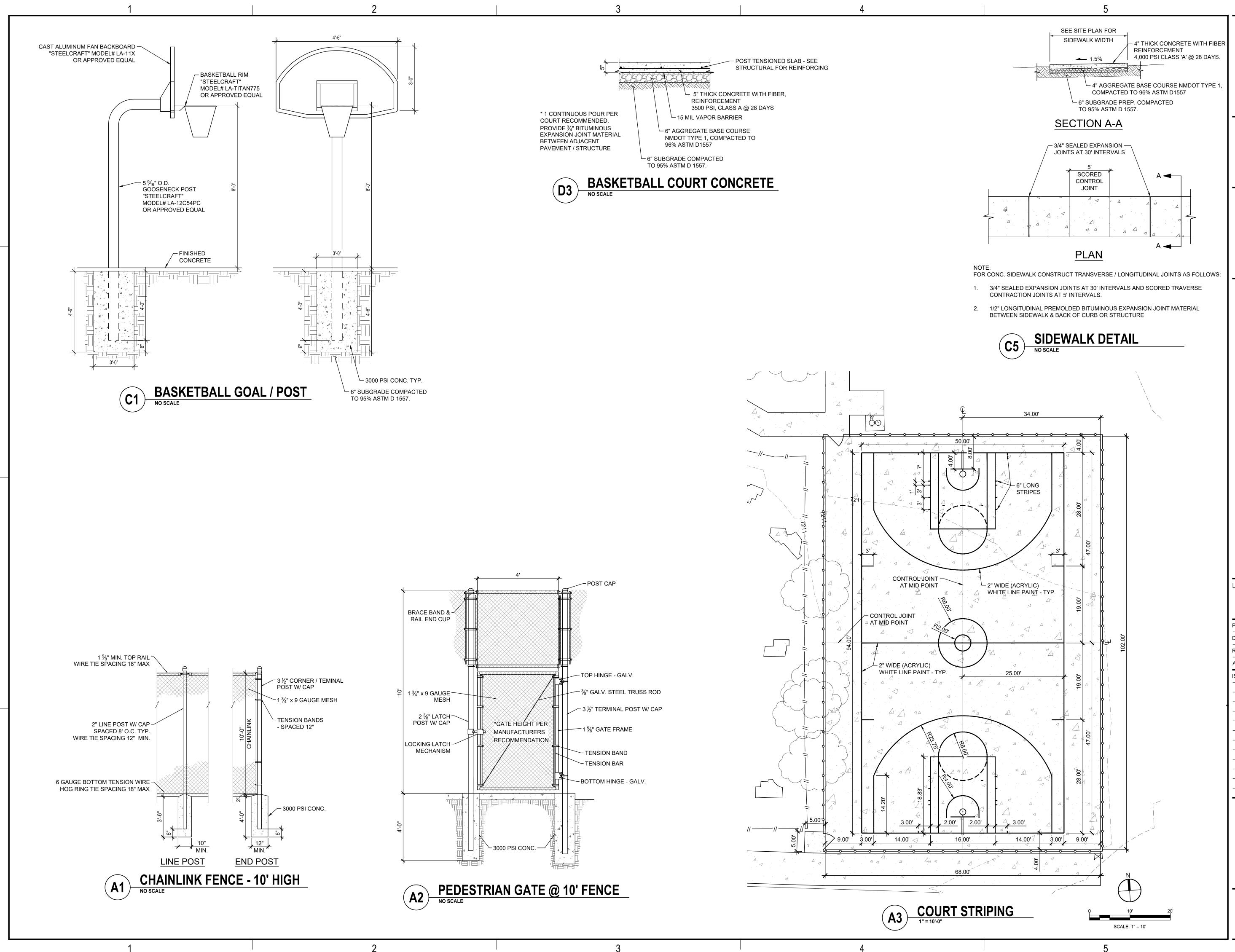
Los Alamos

at East Park **Improvements**

PROJECT NO.:	R314476.05
DRAWN BY:	STAFF
REVIEWED BY:	STAFF
APPROVED BY:	STAFF
ISSUE DRAWING LO	G:

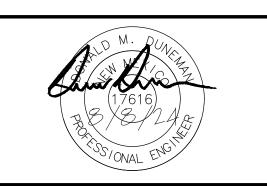






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Los Alamos **County ADA Improvements** at Parks

Basketball Court at East Park **Improvements**

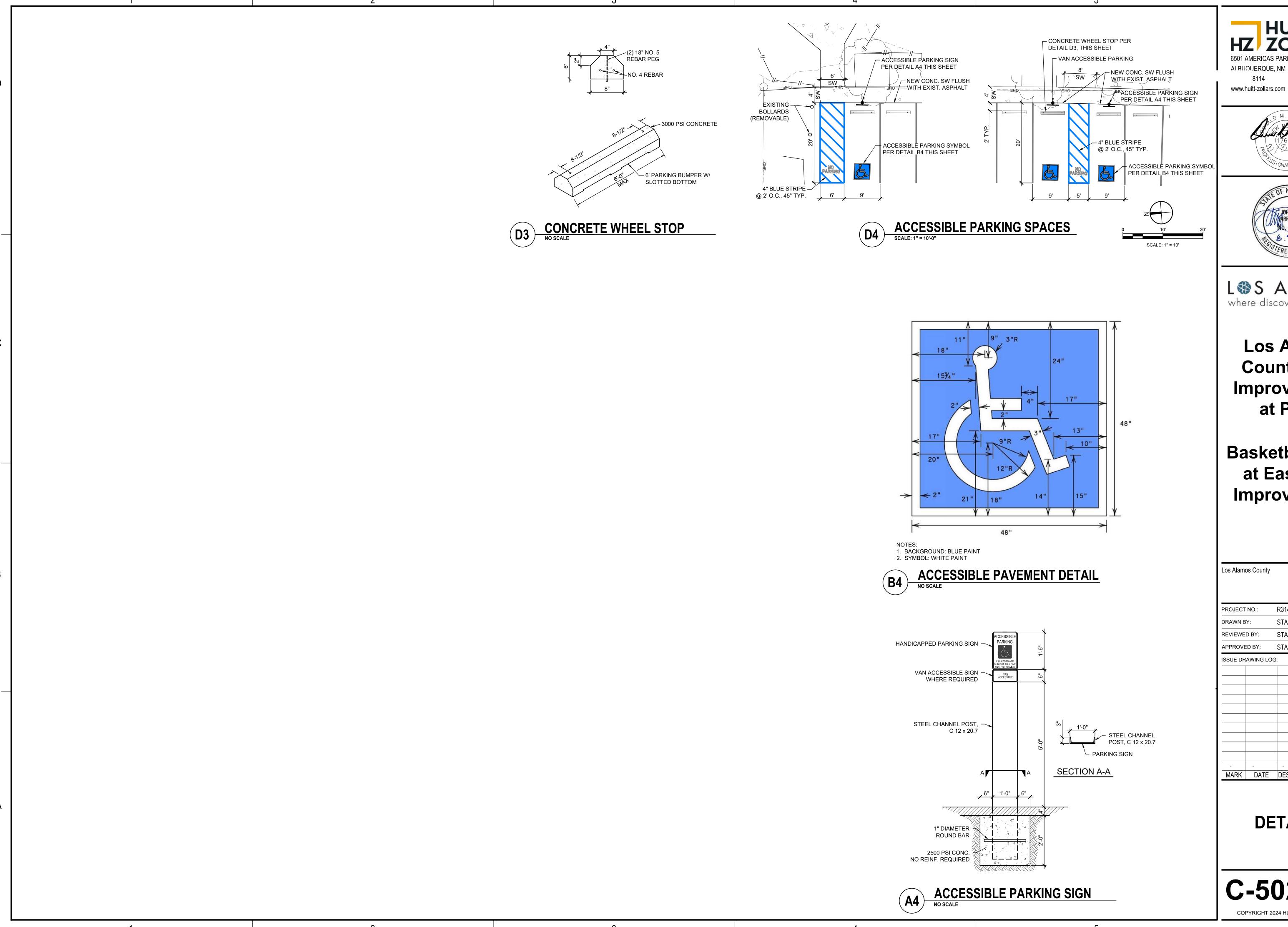
Los Alamos County

ROJECT	NO.:	R314476.05
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APPROVE	D BY:	STAFF
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MARK	DATE	DESCRIPTION

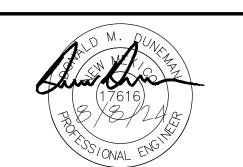
DETAILS

C-501 EP

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Los Alamos **County ADA Improvements** at Parks

Basketball Court at East Park **Improvements**

Los Alamos County

PROJECT	NO.:	R314476.05
DRAWN B	Y:	STAFF
REVIEWE	D BY:	STAFF
APPROVE	ED BY:	STAFF
ISSUE DR	AWING LOG):
_	-	-
MARK	DATE	DESCRIPTION

DETAILS

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DIFFERENTIAL SOIL MOVEMENT

SLAB-SUBGRADE FRICTION COEFFICIENT 0.75

2 INCHES

FOR POST-TENSIONING MATERIALS AND INSTALLATION. SEE POST-TENSIONING MATERIALS AND INSTALLATION IN

CENTER LIFT

THE GENERAL STRUCTURAL NOTES.

NO

NO

GENERAL STRUCTURAL NOTES GENERAL STRUCTURAL NOTES

CODES AND MANUALS:

IBC-21: INTERNATIONAL BUILDING CODE 2021

ASCE/SEI 7-16: MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES ACI 318-19: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE

PTI POST TENSIONING MANUAL, 6TH EDITION TMS 402-16 BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES TMS 602-16 SPECIFICATIONS FOR MASONRY STRUCTURES

DESIGN CRITERIA:

VERTICAL:

LIVE LOAD

HORIZONTAL:

ULTIMATE DESIGN WIND SPEED 115 MPH RISK CATEGORY

IE = 1.0SEISMIC IMPORTANCE FACTOR SITE CLASS SEISMIC DESIGN CATEGORY

> ALLOWABLE SOIL BEARING PRESSURE = 2500 PSF AT SLABS, 4000 PSF AT FOOTINGS BEARING ON TUFF BEDROCK

FROST DEPTH = 36 INCHES

STRUCTURAL DRAWINGS ARE NOT STAND-ALONE DOCUMENTS AND ARE INTENDED TO BE USED IN CONJUNCTION WITH CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND DRAWINGS FROM OTHER DISCIPLINES. THE CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS INTO THE SHOP DRAWINGS

COORDINATE DIMENSIONS OF ALL OPENINGS, DEPRESSIONS, BLOCKOUTS, ETC. WITH ARCHITECTURAL DRAWINGS. DRAWINGS FROM OTHER DISCIPLINES, PROJECT SHOP DRAWINGS, AND FIELD CONDITIONS PRIOR TO SHOP DRAWING SUBMITTAL. THE STRUCTURAL DRAWINGS ONLY REPRESENT A PORTION OF THE REQUIREMENTS FOR THE

CONTRACTOR'S CONSTRUCTION AND/OR ERECTION SEQUENCES SHALL RECOGNIZE AND CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PERIOD

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD.

SHOP DRAWINGS SHALL BE FURNISHED AND REVIEWED BEFORE ANY FABRICATION OR ERECTION IS STARTED. TH CONTRACTOR SHALL REVIEW AND APPROVE SHOP DRAWINGS PRIOR TO SUBMITTAL TO THE ARCHITECT FOR

REMOVAL OF FORMS AND SHORING SHALL BE IN ACCORDANCE WITH ACI 347. WHERE CONCRETE MUST SUPPORT SUPERIMPOSED LOADS PRIOR TO ATTAINING THE SPECIFIED DESIGN STRENGTH, RE-SHORE CONCRETE IN ACCORDANCE WITH ACI 347. RESHORING SHALL NOT BE REMOVED SOONER THAN 28 DAYS FROM THE DATE OF POUR OR UNTIL CONCRETE HAS ATTAINED THE SPECIFIED DESIGN STRENGTH.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADHERING TO ALL APPLICABLE STANDARDS SET FORTH BY OSHA

PROTECTION: PROPER PRECAUTIONS SHALL BE TAKEN AT ALL TIMES TO PROTECT VEHICULAR AND PEDESTRIAN TRAFFIC FROM ANY DAMAGE OR INJURY WHICH MAY BE CAUSED. EITHER DIRECTLY OR INDIRECTLY. BY THE WORK INCLUDED ON THESE DRAWINGS. SUCH PRECAUTIONS SHALL INCLUDE THE ERECTION AND MAINTENANCE OF FENCES, BARRICADES, RAILINGS, GUARDS, SIGNS, COVERINGS, LIGHTS, AND OTHER PRECAUTIONS AS MAY BE REQUIRED. IF AT ANY TIME, IN THE OPINION OF THE OWNER OR THE OWNER'S REPRESENTATIVE, PROPER PRECAUTIONS ARE NOT BEING TAKEN TO SECURE THIS PROTECTION, THE CONTRACTOR SHALL AT NO ADDITIONAL COST TO THE OWNER, INSTALL AND MAINTAIN SUCH ADDITIONAL PROTECTION AS MAY BE DIRECTED BY THE

POLLUTION CONTROLS: USE WATER SPRINKLING, TEMPORARY ENCLOSURES, AND OTHER SUITABLE METHODS TO LIMIT DUST AND DIRT RISING AND SCATTERING IN THE AIR TO LOWEST PRACTICAL LEVEL. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.

DRAWINGS:

DO NOT SCALE DRAWINGS.

CAST-IN-PLACE CONCRETE:

ALL CONCRETE SHALL CONFORM TO THE SPECIFICATIONS FOR STRUCTURAL CONCRETE, ACI 301-20.

ALL EXPOSED EDGES OF CONCRETE SHALL HAVE A 3/4" CHAMFER UNLESS NOTED OTHERWISE.

NORMALWEIGHT CONCRETE:

F'C = 4500 PSI @ 28 DAYS – ALL CONCRETE. EXTERIOR CONCRETE SHALL MEET EXPOSURE CATEGORY AND CLASS F1 ACCORDING TO ACI 318 TABLE 19.3.1.1.

CONCRETE MIX DESIGNS (INCLUDING AIR CONTENT, WATER TO CEMENT RATIOS, AND OTHER CRITERIA) SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN ACI 318 TABLE 19.3.2.1, BASED ON THE EXPOSURE CATEGORIES AND CLASSES DEFINED IN ACI 318 TABLE 19.3.1.1. USE AIR ENTRAINING ADMIXTURE IN ALL EXTERIOR CONCRETE. AIR CONTENT IN FIRE RATED SLABS SHALL ALSO COMPLY WITH THE REQUIREMENTS IN THE SPECIFIED UL LISTING.

COLD WEATHER CONCRETING: PROTECT CONCRETE WORK FROM PHYSICAL DAMAGE OR REDUCED STRENGTH CAUSED BY FROST, FREEZING OR LOW TEMPERATURES. COMPLY WITH ACI 306.1.

HOT WEATHER CONCRETING: WHEN HOT WEATHER CONDITIONS EXIST THAT WOULD IMPAIR THE QUALITY AND STRENGTH OF THE CONCRETE, REDUCE DELIVERY TIME OF READY-MIX CONCRETE, LOWER THE TEMPERATURE OF MATERIALS, OR ADD RETARDER TO ENSURE THAT THE CONCRETE IS PLASTIC. RE-TEMPERING WITH WATER IS NOT ALLOWED. COMPLY WITH ACI 305R.

SLAB CURING: ALL CONCRETE SLABS ARE TO BE CURED WITH A MOISTURE RETAINING COVER FOR THE FIRST 7 DAYS (MINIMUM) AFTER PLACEMENT. DO NOT USE CURING COMPOUNDS.

THE CONTRACTOR IS ALLOWED TO CAST FOUNDATIONS AGAINST EXCAVATED SOIL SURFACES, PROVIDED THE FOLLOWING IS ADHERED TO:

. THE SIDE SLOPES OF THE EXCAVATION SHALL BE ABLE TO MAINTAIN VERTICAL SLOPE WITHOUT SOIL

SLOUGHAGE. . THE BOTTOM WIDTH OF THE EXCAVATION SHALL BE ONE INCH WIDER MINIMUM ON EACH SIDE THAN THE

SPECIFIED FOOTING WIDTH.

THE SIDE WALLS OF THE EXCAVATION SHALL BE BATTERED A MINIMUM OF ONE INCH HORIZONTAL TO TWELVE INCHES VERTICAL.

 IF SANDY OR LOOSE MATERIALS ARE ENCOUNTERED, THE FOOTING MUST BE FORMED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ANY SOIL SLOUGHAGE FROM THE WET

CONCRETE DURING THE CASTING OPERATION. THE CONTRACTOR AGREES TO REMOVE AND RECAST ANY FOOTING WHERE THE ABOVE CONDITIONS ARE NOT

ALL CONCRETE SHALL BE MANUFACTURED WITH PORTLAND CEMENT TYPE II OR TYPE V.

REINFORCING STEEL:

ALL REINFORCING STEEL SHALL BE FABRICATED AND PLACED IN ACCORDANCE WITH THE BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318), AND DETAILS AND DETAILING OF CONCRETE REINFORCEMENT (ACI 315).

ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60; EXCEPT STIRRUPS, TIES AND INDICATED FIELD BENT BARS, WHICH SHALL CONFORM TO ASTM A615 GRADE 40.

TENSION AND COMPRESSION LAPS IN REINFORCING SHALL CONFORM TO THE LAP SPLICE SCHEDULE ON SHEET S-101 AND BE IN ACCORDANCE WITH ACI 318, CHAPTER 12, UNLESS NOTED OTHERWISE

ALL HORIZONTAL REINFORCING IN FOOTINGS SHALL BE CONTINUOUS AROUND CORNERS OR HAVE BENT (CORNER) BARS OF THE SAME SIZE AND SPACING AS THE HORIZONTAL BARS AND LAP 30 BAR DIAMETERS (18" MINIMUM).

CONCRETE COVER FOR REINFORCING SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:

A. CONCRETE FOR FOUNDATIONS CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3" B. CONCRETE CAST AGAINST FORMS BUT EXPOSED TO EARTH OR WEATHER: 1. BARS LARGER THAN NO. 5: 2"

2. BARS NO. 5 OR SMALLER: 1 1/2"

FORM TIES SHALL BE EITHER OF THE THREADED OR SNAP-OFF TYPE SO THAT NO METAL WILL BE LEFT WITHIN 1 INCH OF THE SURFACE OF THE WALL. FOLLOWING REMOVAL OF FORM TIES, RECESSES ARE TO BE CAREFULLY FILLED AND POINTED WITH MORTAR.

REINFORCING SHALL NOT BE TACK WELDED OR WELDED IN ANY MANNER UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL PLANS.

BAR SUPPORTS AND SPACERS FOR REINFORCING SHALL BE PROVIDED IN ACCORDANCE WITH ACI 315-99. REINFORCING SHALL BE SECURELY TIED TO SUPPORTS.

CHAIRS WITH 22 GAGE SAND PLATES OR PRECAST BLOCKS SHALL BE PROVIDED FOR ALL REINFORCING OF CONCRETE IN CONTACT WITH GRADE.

POST-TENSIONING MATERIALS AND INSTALLATION:

POST-TENSIONED STRANDS SHALL HAVE A MINIMUM ULTIMATE STRENGTH OF 270,000 PSI AND SHALL CONFORM TO ASTM A416, REGULAR STRESS RELIEVED OR LOW RELAXATION TYPE.

SHEATHING SHALL BE MEDIUM OR HIGH-DENSITY POLYETHYLENE OR POLYPROPYLENE. THICKNESS SHALL BE NOT LESS THAN .025 INCHES.

SHEATHING DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO A WATERTIGHT CONDITION.

ALL STRANDS SHALL HAVE CORROSION PREVENTIVE COATING AS PER PTI MANUAL REFERENCED IN THESE NOTES.

ANCHORAGES SHALL HAVE CAPACITY TO DEVELOP AT LEAST 95% OF THE ACTUAL ULTIMATE STRENGTH OF THE PRESTRESSING STEEL.

SHOP DRAWINGS SHALL BE PROVIDED SHOWING COMPLETE PLACEMENT OF STRANDS PLUS ANY CONVENTIONAL REINFORCING PRIOR TO INSTALLATION OF STRANDS AND REINFORCEMENT. THE SHOP DRAWINGS SHALL INCLUDE CALCULATIONS OF POST-TENSIONING STRESS LOSSES AND ELONGATIONS.

POST-TENSIONING SHALL NOT OCCUR UNTIL THE CONCRETE HAS REACHED A STRENGTH OF 3000PSI.

ALL STRANDS SHALL BE FIRMLY SUPPORTED AT INTERVALS NOT EXCEEDING 4 FEET.

ELONGATION MEASUREMENTS SHALL BE MADE FOR EACH STRAND AND SHALL AGREE WITH THE CALCULATED ELONGATION WITHIN 10% FOR SLABS-ON-GRADE.

STRESSING RECORDS SHALL BE PROVIDED TO THE ARCHITECT AND THE ENGINEER OF RECORD WITHIN ONE DAY O THE STRESSING OPERATION. EXCESS STRAND SHALL NOT BE BURNED OFF UNTIL APPROVAL IS RECEIVED FROM THE ENGINEER OF RECORD.

TENDON ANCHORAGE POCKETS SHALL BE FILLED WITH NON-SHRINK GROUT AS SOON AS PRACTICAL AFTER STRESSING. GROUT CONTAINING CHLORIDES SHALL NOT BE USED.

MASONRY:

ALL MASONRY UNITS SHALL COMPLY WITH ASTM C 90 WITH A COMPRESSIVE STRENGTH OF 2000 PSI (NET AREA).

MORTAR SHALL BE TYPE S.

GROUT - F'C = 2000 PSI. MINIMUM.

CELLS CONTAINING REBAR SHALL BE GROUTED SOLID FROM THE BOTTOM TO THE TOP OF THE WALL IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE.

ALL CELLS BELOW GRADE SHALL BE GROUTED SOLID UP TO GRADE.

ALL VERTICAL REBAR SHALL BE IN PLACE AND SECURED WITH REBAR POSITIONERS PRIOR TO GROUTING. COVER FOR REINFORCING SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:

A. MASONRY FACE EXPOSED TO EARTH OR WEATHER: BARS LARGER THAN NO. 5:

2. BARS NO. 5 OR SMALLER: 1 1/2"

MASONRY CELLS SHALL BE GROUTED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE (MAXIMUM 5 FOOT GROUT LIFTS).]

LAP REBAR PER THE LAP SPLICE SCHEDULE ON SHEET S-101 UNLESS NOTED OTHERWISE.

VERTICAL STEEL SHALL CONTINUE THROUGH BOND BEAMS.

PROVIDE STANDARD LADDER TYPE JOINT REINFORCING AT 16" ON CENTER (ALTERNATE COURSES) UNLESS NOTED

OTHERWISE IN THE PROJECT DOCUMENTS. USE PREFABRICATED CORNERS AND TEES AT ALL WALL CORNERS AND INTERSECTIONS RESPECTIVELY.

SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR INFORMATION REGARDING MASONRY COLORS. FINISHES, BOND, COURSING, ETC. AT ALL EXPOSED MASONRY WALLS.

SPECIAL INSPECTION:

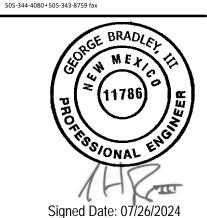
THE OWNER SHALL PROVIDE FOR SERVICES OF A CERTIFIED INSPECTOR (APPROVED BY THE BUILDING OFFICIAL OR THE ENGINEER OF RECORD) IN ACCORDANCE WITH CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE FOR THE SPECIAL INSPECTION ITEMS NOTED ON THIS SHEET.

HUITT HZ ZOLLARS

> 6501 Americas Parkway NE, Suite 830 Albuquerque, New Mexico 87110-5375 505.883.8114 www.huitt-zollars.com



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L®S ALAM®S where discoveries are made

Los Alamos **County ADA** Improvements at **Parks**

North Mesa and **East Park Court**

DRAWN BY D HORN REVIEWED BY: **G BRADLEY** APPROVED BY: G BRADLEY ISSUE DRAWING LOG: 1 | 7/26/24 | 100% CD MARK DATE DESCRIPTION

R314476.05

PROJECT NO.:

GENERAL

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RESISTANCE (REQUIRED ONLY FOR

EXPOSURE CATEGORY B, OR V=

EXPOSURE CATEGORY C OR D)

V=150MPH OR GREATER IN

140MPH OR GREATER IN

SPECIAL INSPECTIONS AND

RESISTANCE (REQUIRED FOR STRUCTURES ASSIGNED TO

CATEGORIES C, D, E, OR F)

TESTING FOR SEISMIC

TO BE PERFORMED IN ACCORDANCE WITH IBC SECTION 1705.12

TO BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE

SECTIONS OF IBC 1705.13 AND 1705.14

REINFORCING LAP SPLICE SCHEDULE #6 AND SMALLER (NUMBER OF BAR DIAMETERS) #7 AND LARGER (NUMBER OF BAR DIAMETERS) MINIMUM COMMENTS REINFORCEMENT TYPE LENGTH (IN) CONTINUOUS WALL FOOTINGS AND HORIZONTAL REINFORCEMENT IN SITE WALLS AND STEMWALLS 12 CONCRETE WALLS: ALL VERTICAL REINFORCEMENT 57 45 72 62 56 CONCRETE WALLS: ALL HORIZONTAL REINFORCEMENT, EXCLUDING SITE WALLS 58 93 72 12 AND STEMWALLS CONCRETE COLUMNS 57 45 72 62 56 12 TOP FLEXURAL REINFORCEMENT, INCLUDING BEAMS, GRADE BEAMS, AND 12 COMBINED FOOTING COLUMNS BOTTOM FLEXURAL REINFORCEMENT, INCLUDING BEAMS, GRADE BEAMS, 72 57 45 AND COMBINED COLUMN FOOTINGS ALLOWED FOR BARS LARGER THAN #11 22 17 22 17 MINIMUM EMBEDMENT OF STANDARD HOOKS INTO CONCRETE BASE SLABS-ON-GRADE 30 30 12 WELDED WIRE FABRIC MINIMUM LAP SLABS OVER METAL DECK LENGTH = 6 INCHES ALL CMU LAPS UNLESS NOTED OTHERWISE LAP SPLICES SHALL NOT BE PERMITTED FOR BARS LARGER THAN #11 IN CONCRETE OR #9 IN MASONRY. SUCH SPLICES SHALL USE APPROVED MECHANICAL CONNECTIONS LAP SPLICES FOR BUNDLED BARS SHALL BE IN ACCORDANCE WITH ACI 318 LAP LENGTHS FOR LIGHTWEIGHT CONCRETE SHALL BE INCREASED BY 33% LAP LENGTHS FOR EPOXY COATED BARS SHALL BE INCREASED BY 50% FOR INTERMEDIATE OR LARGER VALUES OF F'c, USE THE CLOSEST LOWER VALUE IN THE TABLE. DO NOT INTERPOLATE 15' - 0" 22' - 6" 15' - 0" 68' - 0" 68' - 0" 13' - 7" 13' - 7" 13' - 7" 13' - 8"

PT TENDON @ 38" OC MAX

SLAB-ON-GRADE SCHEDULE SLAB MARK THICKNESS MATL REINFORCING BEARING STRATA COMMENTS NORMAL WEIGHT | 1/2" PT TENDONS - SEE | 15 MIL VAPOR RETARDER OVER 1/4" TO 1/2" FINE GRADED SKIM SAND LASERED PLAN FOR SPACING UNIFORMLY FLAT OVER SUBGRADE PER GEN FDTN NOTES

120' - 0"

GENERAL SHEET NOTES

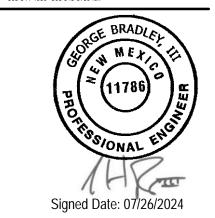
- 1. SEE CIVIL DRAWINGS FOR SLAB ELEVATIONS.
- 2. DIMENSIONS ARE TO THE FACE OF CONCRETE UNLESS NOTED OTHERWISE.
- 3. SEE SHEET S-311 FOR TYPICAL FOUNDATION SECTIONS AND DETAILS.

HZ ZOLLARS 6501 Americas Parkway NE, Suite 830





Chavez-Grieves consulting engineers, inc. 4700 Lincoln Road NE, Suite 102-Albuquerque, NM 87109



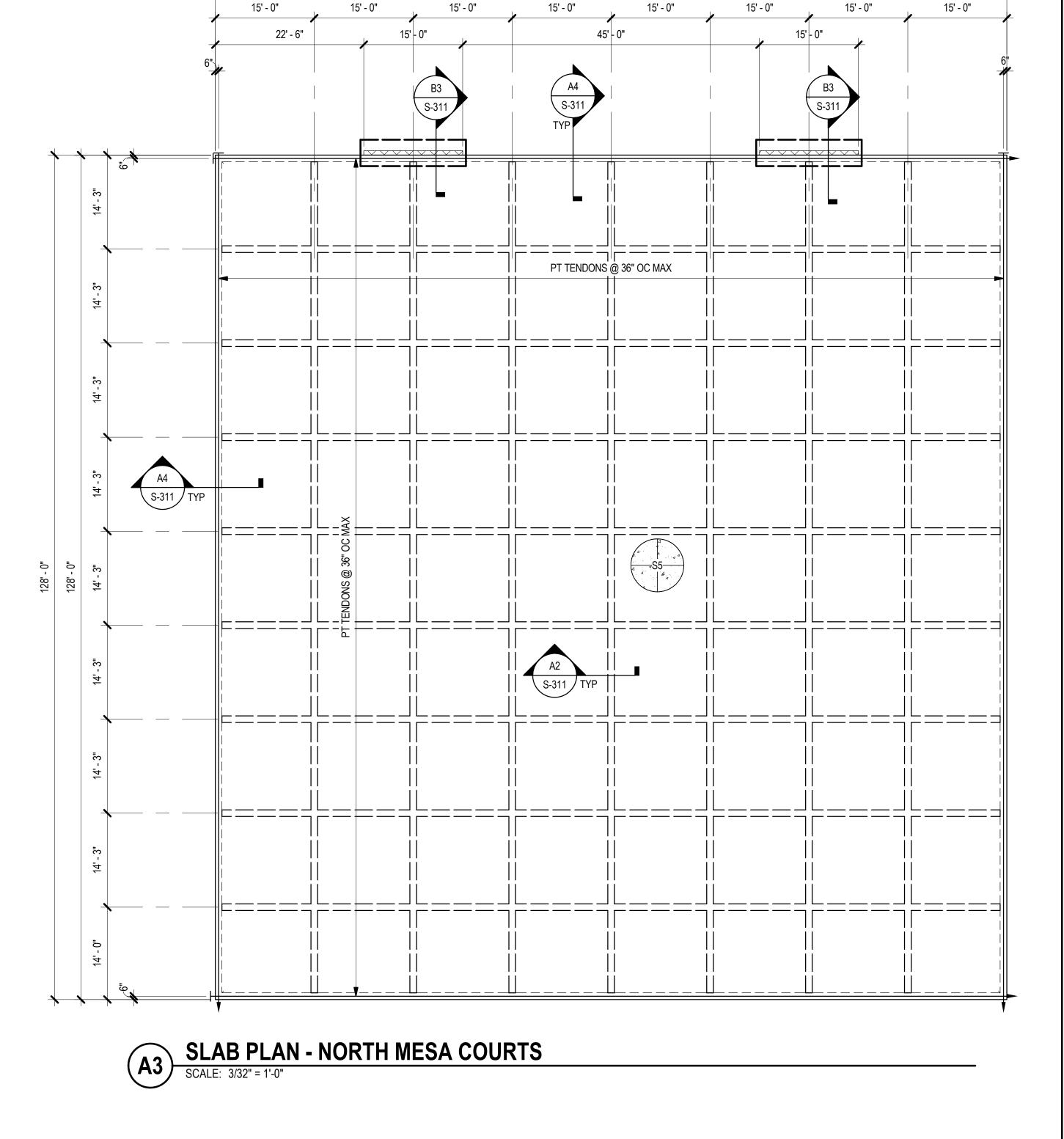
LSS ALAMSS where discoveries are made Los Alamos **County ADA** Improvements at **Parks**

North Mesa and **East Park Court Improvements**

PROJECT NO.:		R314476.05
DRAWN E	BY:	D HORN
REVIEWE	D BY:	G BRADLEY
APPROVE	ED BY:	G BRADLEY
ISSUE DR	AWING LO	G:
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1	7/26/24	100% CD
MARK	DATE	DESCRIPTION

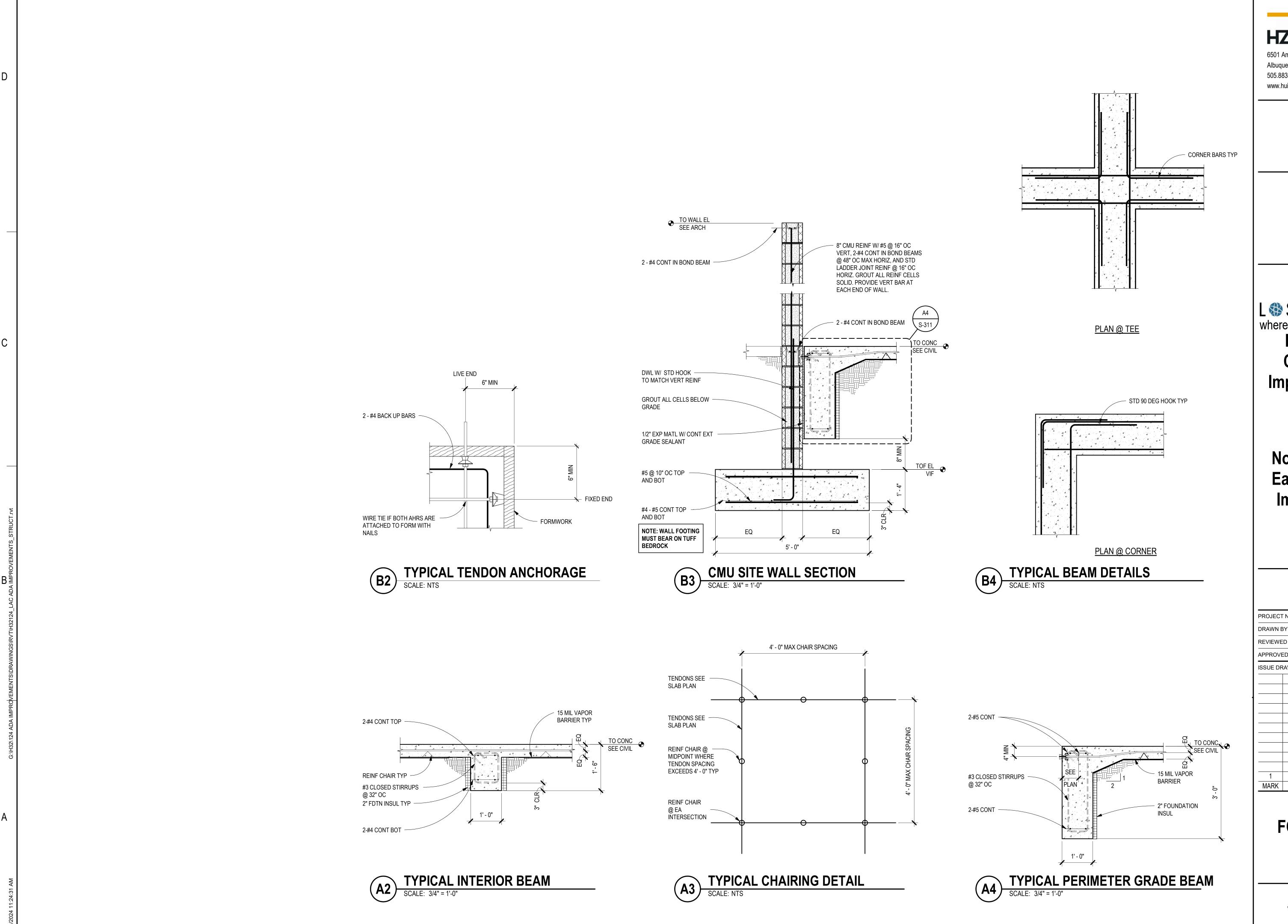
FOUNDATION PLAN

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SLAB PLAN - EAST PARK COURTS

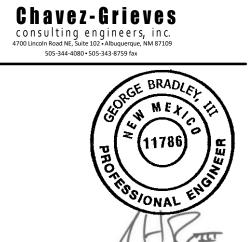
SCALE: 3/32" = 1'-0"



HZ ZOLLARS

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L S ALAM S S where discoveries are made Los Alamos County ADA Improvements at Parks

North Mesa and East Park Court Improvements

PROJECT NO.:		R314476.05
DRAWN E	BY:	D HORN
REVIEWE	D BY:	G BRADLEY G BRADLEY
APPROVE	ED BY:	
ISSUE DR	AWING LO	G:
1	7/26/24	100% CD
MARK	DATE	DESCRIPTION

FOUNDATION SECTIONS

S-311

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