ITEM B

CITY OF LA VISTA
MAYOR AND CITY COUNCIL REPORT
JUNE 18, 2024 AGENDA

Subject:	Type:	Submitted By:
APPROVE PLANS & SPECIFICATIONS & AUTHORIZE SID 237 2024 PARK IMPROVEMENTS	◆ RESOLUTION ORDINANCE RECEIVE/FILE	PAT DOWSE CITY ENGINEER

SYNOPSIS

A resolution has been prepared to approve the plans and specifications and authorize the execution of contracts and construction of 2024 park improvements in SID 237 (Cimarron Woods).

FISCAL IMPACT

SID 237 proposes to use construction fund financing (warrants) which will become bonded debt of the SID. Project costs are anticipated to be around $270,000.

RECOMMENDATION

Approval.

BACKGROUND

SID Consultants E&A have produced plans and specifications for the addition of two (2) pickleball courts, inclusive of a park bench and nearby sidewalks as well as maintenance and drainage correction of the existing basketball courts near the south end of the park. The project costs are anticipated to be $270,000.00 and construction warrants are anticipated to be issued to complete the work.

The Subdivision Agreement provides that an administrative fee in the amount of 2% be collected on the construction of public improvements. However, because the pickleball courts are new construction, and the basketball courts are mainly maintenance of an existing public improvement, it is recommended that only the 2% administrative fee be applied to the new improvements associated with the pickleball courts.

Both plan sets are attached for review.

RESOLUTION NO. _____

A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF LA VISTA, NEBRASKA APPROVING THE PLANS AND SPECIFICATIONS AND AUTHORIZE THE EXECUTION OF CONTRACTS AND CONSTRUCTION OF 2024 PARK IMPROVEMENTS IN SID 237 (CIMARRON WOODS).

WHEREAS, Sanitary Improvement District No. 237 of Sarpy County ("District"), Cimarron Woods and the City of La Vista ("City") entered into a Subdivision Agreement concerning park improvements within the zoning jurisdiction of the City ("Subdivision Agreement"); and

WHEREAS, District has presented to City for approval plans and specifications to construct certain improvements; and

WHEREAS, said plans were prepared by E & A Consulting Group and reviewed by the City Engineer who has certified to the City that said plans and specifications are in accordance with the Subdivision Agreement and all of the applicable ordinances, policies and regulations of the City and that improvements constructed pursuant to such plans will be adequate for their intended purpose.

WHEREAS, The La Vista Public Works Department has been presented the plans for review.

NOW, THEREFORE BE IT RESOLVED, that the Mayor and City Council of La Vista, Nebraska does hereby approve the plans and specifications and authorize the execution of contracts and construction 2024 Park Improvements in SID 237 (Cimarron Woods), copies of which have been filed with the City Clerk, approved by the City Engineer.

BE IT FURTHER RESOLVED, that the approval herein given is conditioned upon District, prior to its granting authorization of commencement of construction, shall meet the conditions stated above.

PASSED AND APPROVED THIS 18TH DAY OF JUNE 2024.

CITY OF LA VISTA

ATTEST: _____
Douglas Kindig, Mayor

_____
Pamela A. Buethe, MMC
City Clerk

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Improvement Plans for

CIMARRON WOODS

2024 PARK IMPROVEMENTS

SID NO. 237

La Vista, Nebraska

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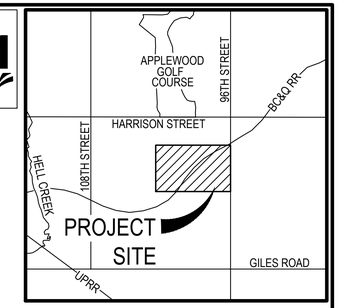
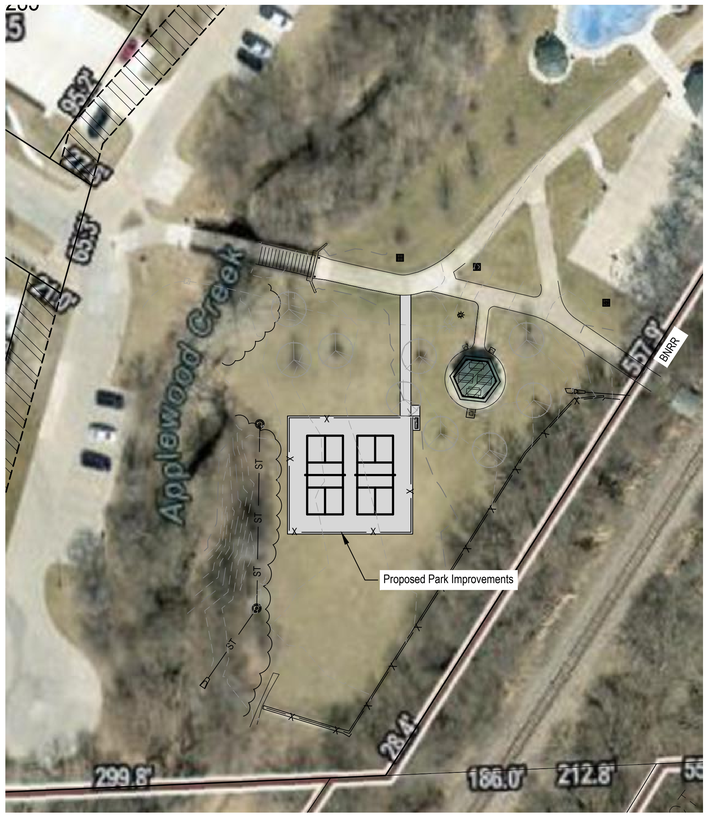
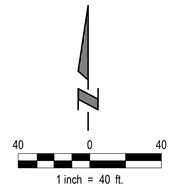


VICINITY MAP

APPROXIMATE QUANTITIES

ITEM	DESCRIPTION	QUANTITY	UNIT
1.	6' x 6" CONCRETE SIDEWALK W/ SUBGRADE PREP & BACKFILL	435	SF
2.	5" CONCRETE PAD (BENCH PAD)	32	SF
3.	6" FIBER MESH 300 CONCRETE W/ 6" AGGREGATE BASE (PICKLEBALL COURT)	4,620	SF
4.	PICKLEBALL COURT STRIPING AND PAINT	1	LS
5.	PICKLEBALL COURT NETS & POSTS	2	EA
6.	6' PARK BENCH	1	EA
7.	42" TALL BLACK VINYL STANDARD CHAIN LINK FENCE (PICKLEBALL COURT)	74	LF
8.	10' TALL BLACK VINYL STANDARD CHAIN LINK FENCE (PICKLEBALL COURT)	184	LF
9.	INSTALL CHAIN LINK FABRIC ON INSIDE OF COURTS	1	LS
10.	SEED ALL DISTURBED AREAS - TYPE A	0.50	AC
11.	MAT ALL DISTURBED AREAS - NORTH AMERICAN GREEN	2,420	SY
12.	RELOCATE EXISTING TREE - COORDINATE WITH E&A CONSULTING GROUP	1	EA
13.	CONSTRUCT EXISTING PARK TREE PROTECTION FENCE	5	EA
14.	CONSTRUCT SILT FENCE	132	LF
15.	SITE GRADING	1	LS
16.	INSTALL CONSTRUCTION ENTRANCE	1	LS





INDEX OF SHEETS

1/1 DETAIL NUMBER / SHEET LOCATION OF DETAIL

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CIMARRON WOODS
2024 PARK IMPROVEMENTS
SID 237
LA VISTA, NEBRASKA

COVER SHEET

PROFESSIONAL LANDSCAPE ARCHITECT
MATTHEW A. TARKS
01/09/2024
STATE OF NEBRASKA

Revisions

	Date	Description
1		

Prog No: P2002.153.030
Date: 01/09/2024
Designed By: MAT
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Sheet: 1 of 6

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GENERAL NOTES

1. All work shall be performed in accordance with the City of Omaha Standard Specifications for Public Works Construction, 2020 Edition, and any current revisions or amendments thereto. The City of Omaha Parks Department standards and the Special Provisions for this project shall apply, and the Contractor shall perform in accord therewith.
2. The Contractor shall be responsible to construct a completed park as shown on these plans to include the approximate quantities. All park equipment shall be assembled according to the manufacturers approximate quantities recommendations.
3. It is the intent of these plans to permit the Contractor to supply any of the materials or equipment specified or offer an equivalent. The Engineer shall determine whether the material or equivalent offered is equivalent to that specified. Whenever any particular material or equipment is indicated by patent, proprietary or brand name, or by name of manufacturer, such wording is used for the purposes of facilitating its description and shall be deemed to be followed by the word "or equal". The Contractor may offer any material or equipment which he considers to be equivalent to that indicated.
4. References to "Standard Plates" refers to the City of Omaha's 2020 Standard Plate list. These Standard Plates can be found at: https://publicworks.cityofomaha.org/2018-standard-plate-list
5. Item # 16. Install Construction Entrance. This item is intended to pay the Contractor for the installation, maintenance and removal of the construction entrance prior to seeding.
6. All colors shall be specified by the Engineer.
7. Contractor must have one person on staff and on site at all times during construction that is a current Certified Playground Safety Inspector. (CPSI)
8. Contractor must provide a minimum of 5 projects in the past 5 years of similar scope and size of project.

LANDSCAPE NOTES:

1. Locate and verify the location of all underground utilities prior to the start of any construction. Care should be taken not to disturb any existing utilities during construction. Any damage to utilities or other improvements caused by the Contractor will be repaired at no cost to the Owner.
2. All plant material shall be of good quality and sizes shall meet required size specifications.
3. All plants are to be watered in immediately after planting and then watered once a week for a period of two months from time of planting.
4. All plant material shall be guaranteed to be in a live and healthy growing condition for two full growing seasons (two years) after final project acceptance or shall be replaced free of charge with the same grade and species including labor.
5. Verify all dimensions and conditions prior to starting construction. The location of plant material is critical and shall be installed as indicated on plans. Field adjustments may be necessary based on field conditions (i.e., root ball and drop inlet conflict). All adjustments must be approved by the landscape architect and engineer.
6. The Landscape Contractor shall remove all construction debris and materials injurious to plant growth from planting pits and beds prior to backfilling with planting mix. All planting areas shall be free of weeds and debris prior to any work.
7. Provide locally produced shredded hardwood mulch on all trees and in all planting beds to a 3-4 inch minimum depth. Mulch ring to extend 1'-0" minimum beyond planting pit.
8. All trees are to be staked for a period of not less than one year from time of planting.

GRADING NOTES

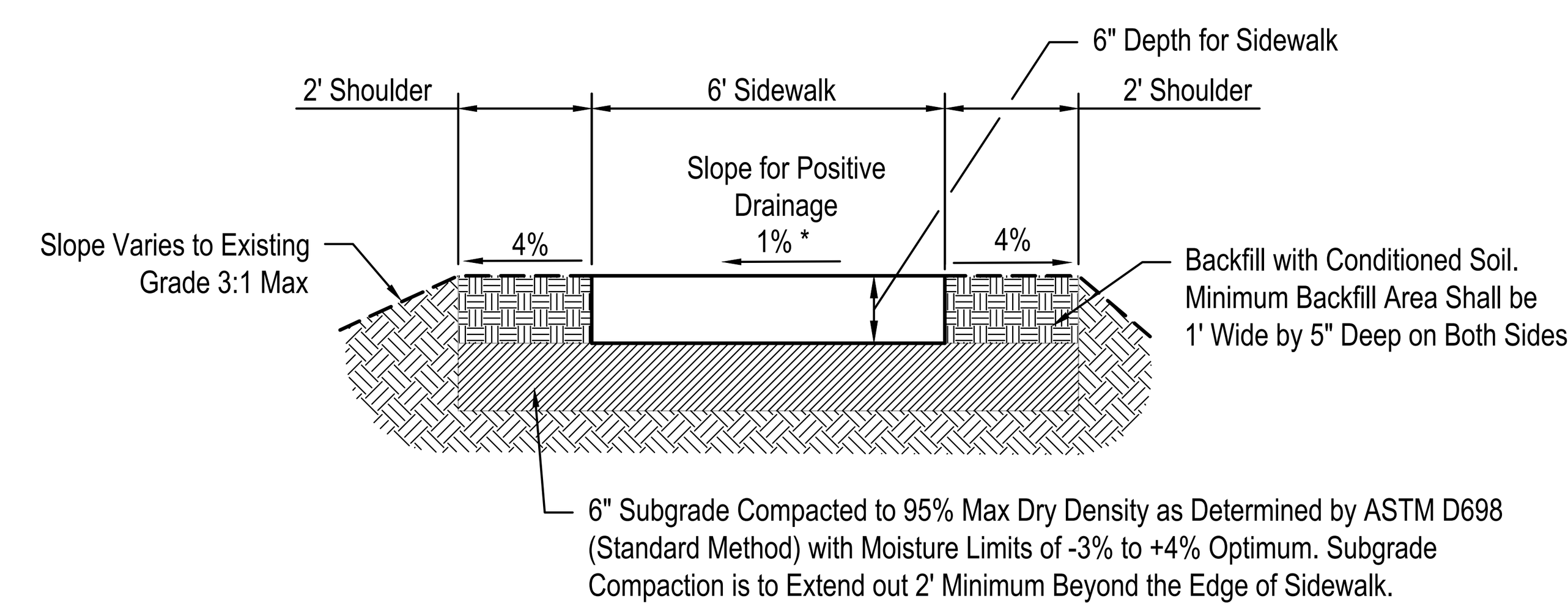
1. Topographic survey is by E&A Consulting Group, Omaha, NE (402) 895-4700. Contour interval is 2 foot
2. The Contractor shall take care to locate and protect existing utilities from damage caused by construction activities. Any damage which occurs to existing utilities is the responsibility of the Contractor and shall be repaired at the Contractors expense.
3. All dimensions and elevations marked with an asterisk (*) shall be field verified prior to construction. Notify the Engineer of any conflicts with the drawings prior to construction.
4. Grading shall be accomplished in accordance with Section 200 "Earthwork" of the Omaha Standard Specifications.
5. Proposed contours and spot elevations are controls only and site shall be graded to a tolerance of +0.1 foot. All grading shall be smooth and continuous. All surfaces shall have positive drainage
6. Provide positive drainage at all times within the construction area and do not allow water to pond in excavation areas or next to structures. Maintain all existing drainage patterns except as modified by the plans.
7. Take the necessary measures to prevent soil erosion during the construction process. This shall include the erection and maintenance of silt fencing at location indicated on the plans or required in the field to prevent soil loss or waterway pollution. Maintain silt fence and remove sediment as required. Remove silt fence only after establishment of new turf crop.
8. Clear and grub all vegetation for areas to be graded. Separate organic material from associated topsoil and legally dispose of organic material off site.
9. Maximum longitudinal sidewalk grade shall be 5% (20:1) unless indicated otherwise on the drawings. Notify the Engineer of any inability to achieve this maximum slope. Maximum cross shall be 2%. Where longitudinal slopes exceeds 3% maximum, cross slope shall be 1%.

PAVEMENT CONSTRUCTION NOTES

1. Pavement subgrade shall be prepared and compacted in accordance with City of Omaha Specifications for Public Works Construction.
2. Concrete mix for sidewalk shall be "L6" or "SG6," air-entrained concrete, made from Type 1 Portland Cement in accordance with the City of Omaha Specifications for Public Works Construction unless otherwise shown on plans.
3. Water-reducing admixture shall be added to all hand-placed and finished concrete.
4. Paving widths shall be as shown on plans.
5. A diamond edge saw blade shall be used for cutting all required contraction and longitudinal pavement joints.
6. Within one (1) hour the concrete pavement shall be cured using a white pigmented liquid membrane-forming curing compound that has been approved by the State of Nebraska Department of Roads. Apply liquid membrane-forming curing compound at the concentration and application rate recommended by the manufacturer.
7. All expansion joints shall be sealed to reduce moisture infiltration and to reduce the accumulation of non-compressible materials. A hot pour joint sealer shall be used to fill the sawcut.
8. Exterior Sidewalks: The upper 6 inches of the subgrade should be compacted to a minimum of 95 percent of the maximum dry density at a moisture content between -3 and +4 percent of optimum (ASTM D698, Standard Proctor). Subgrade preparation should extend laterally 24 inches beyond the edge of the sidewalk.
9. 6-foot width sidewalk shall be jointed in 6'x6' panels.
10. All intersections shall be warped as directed by the Engineer in the field to ensure positive drainage.
11. All pavement removals shall be sawcut. Pavement removed for utility connections shall be removed and replaced in complete panels. Pavement removal limits may be adjusted in the field to match existing joints.
12. Maximum longitudinal sidewalk grade shall be 5% (20:1) unless indicated otherwise on the drawings. Notify the Engineer of any inability to achieve this maximum slope. Maximum cross shall be 2%. Where longitudinal slopes exceeds 3% maximum, cross slope shall be 1%.

SIDEWALK CONSTRUCTION NOTES

1. Sidewalk subgrade shall be prepared and compacted in accordance with City of Omaha Specifications for Omaha Parks, Recreation, and Public Property Dept. Subgrade preparation shall not be paid for directly but is incidental to trail construction.
2. Concrete for 4' and 5' wide sidewalk shall be 5" thick concrete class L65 air-entrained concrete made from Type 1 Portland Cement in accordance with the City of Omaha Specifications for Parks, Recreation, and Public Property Dept. specifications (SECTION 02527) unless otherwise shown on plans.
3. Water-reducing admixture shall be added to all hand-placed and finished concrete.
4. Paving widths shall be 5 feet unless otherwise shown on the plans.
5. A diamond edge saw blade shall be used for cutting all required contraction and longitudinal pavement joints. Joints shall be spaced approximately 6 feet apart. Joints shall be sealed according to the Specifications.
6. Within one (1) hour the concrete pavement shall be cured using a white pigmented liquid membrane-forming curing compound that has been approved by the State of Nebraska Department of Roads. Apply liquid membrane-forming curing compound at the concentration and application rate recommended by the manufacturer.



NOTES:

1. Sidewalk cross slope may vary to suit existing condition, but in no case shall it exceed the maximum cross slope 2%. If longitudinal slope are 5% or greater the maximum cross slope shall be 0.5%. Slope towards lower adjacent grade.
2. Use sealing filler, hot poured type, on all expansion joints.
3. Joint spacing shall be equal to the width of the sidewalk.

1/2 **TYPICAL 6' TRAIL SECTION**

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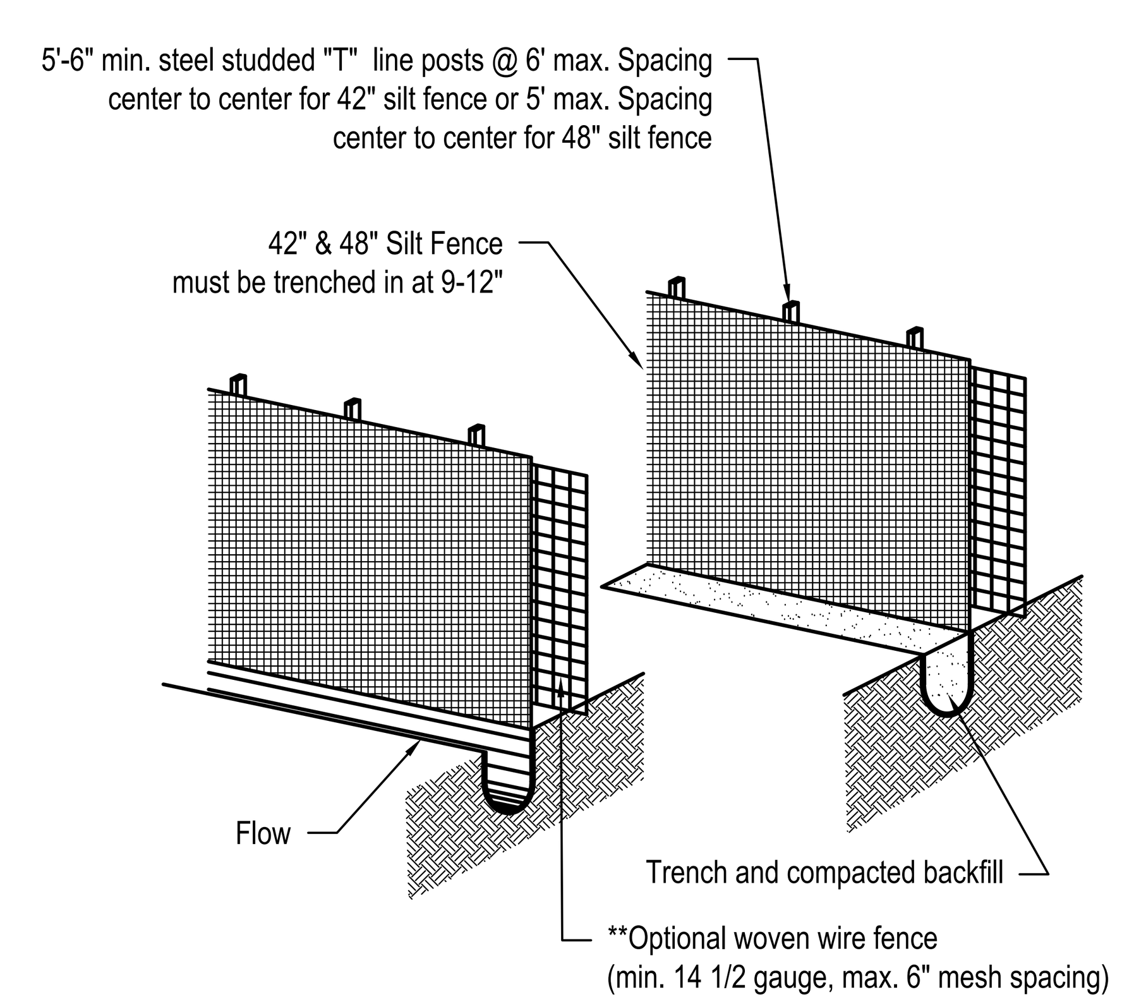

NOTES:

1. Acceptable silt fence specifications- AOS (#20 - 50 Sieve), Water Flow Rate (50 gpm/ sq. ft. - 125 gpm/ sq.ft), Tensile Strength (Grab) - (Min. 120 Warp or greater and Elongation (5-25%).
2. On each new run of silt fence spray paint the beginning of the run with 0+00 and spray paint the end with the date of installation and LF of the run.
3. Silt fence should be securely fastened to each steel support post or to woven wire which is in turn attached to the steel fence posts. A minimum of 3 ties are required for each post. To be located in the top 12"of the silt fence.
4. Steel posts which support the silt fence shall be installed on a slight angle toward the anticipated runoff source. (Incline all posts 20° Max. from vertical, toward flow)
5. Silt fence shall be trenched in with a silt fence plow so that the downslope face of the trench is flat and perpendicular to the line of flow.
6. Silt fence shall be removed when it has served its usefulness so as not to block or impede storm flow or drainage.
7. Sediment trapped by this practice shall be uniformly distributed on the source area prior to topsoiling.

2/2 **SILT FENCE**

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ADDITIONAL NOTES

PROFESSIONAL LANDSCAPE ARCHITECT MATTHEW ANTON TARKS LA-47 STATE OF NEBRASKA 01/09/2024

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No.	Date	Description

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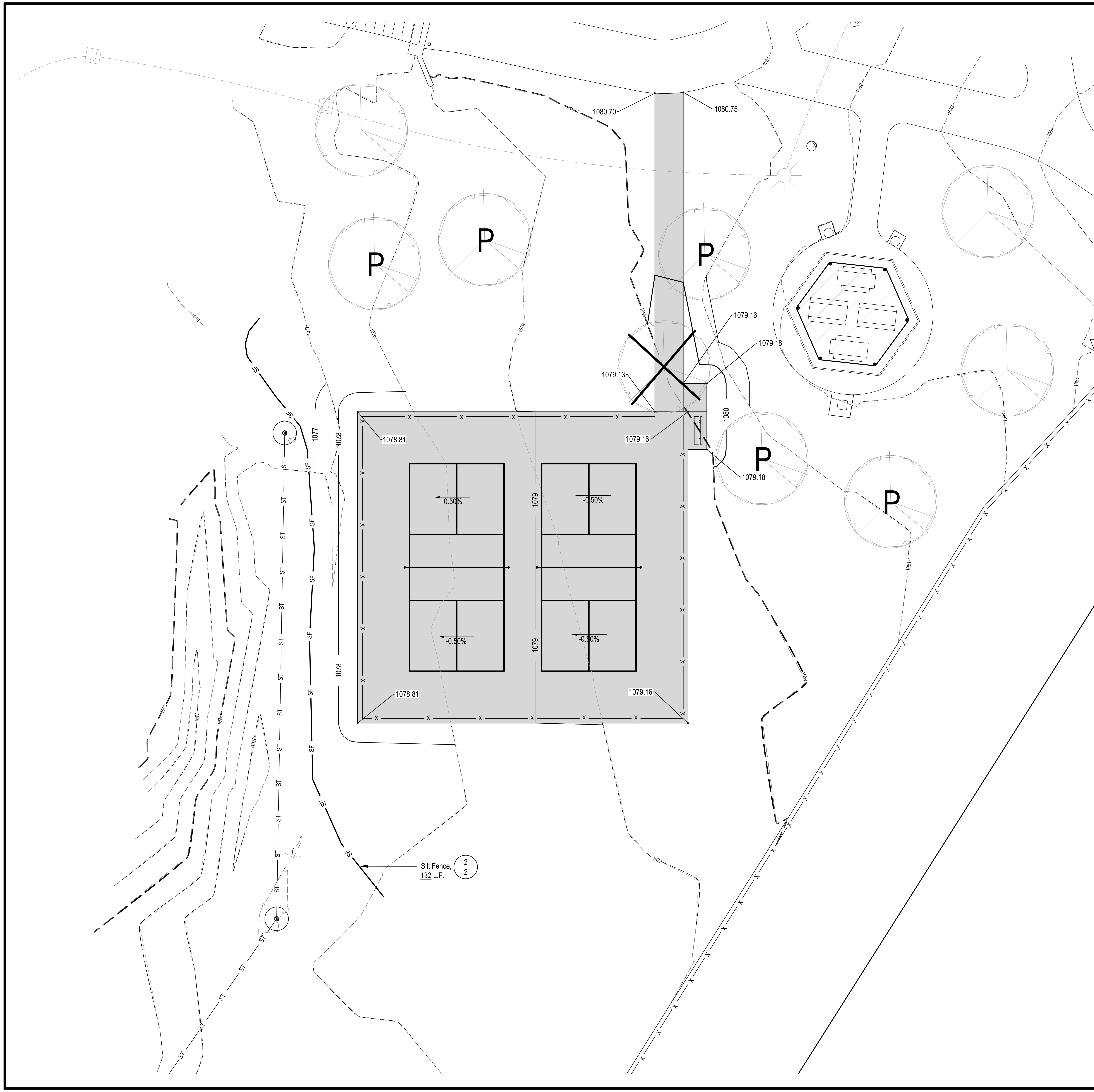

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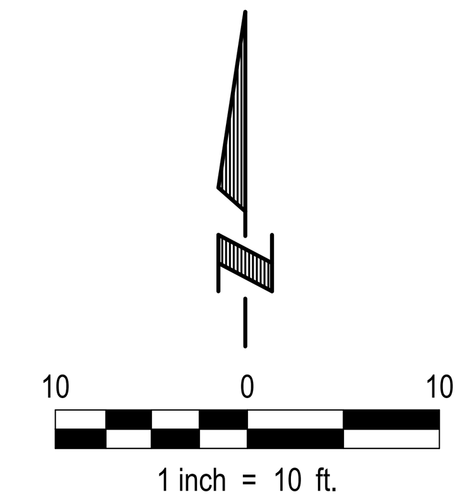
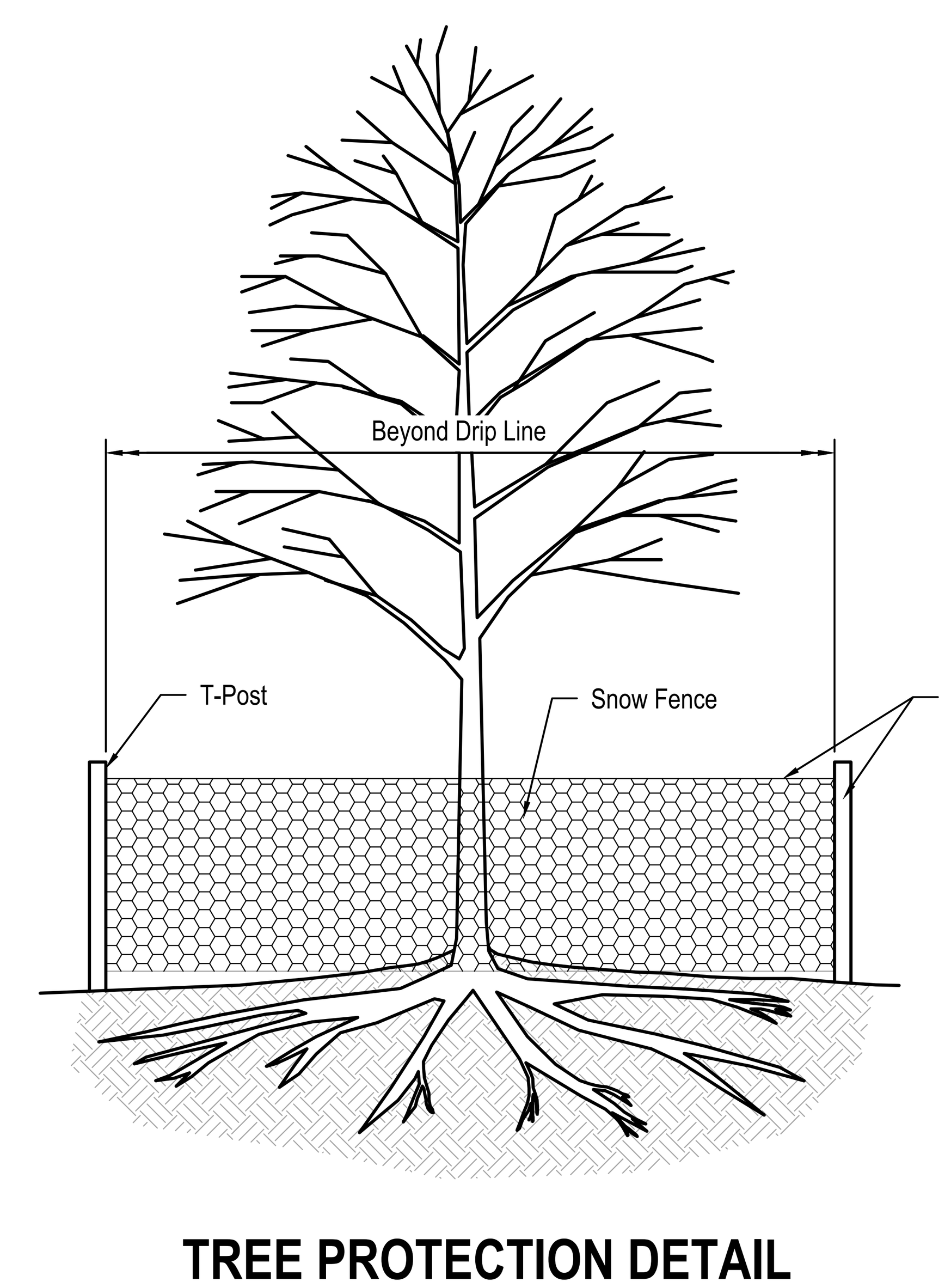


LEGEND

Symbol	Description
1120	Existing Contours
1170	Proposed Contours
1220.00	Proposed Spot Elevations
SF	Silt Fence
X	Relocate Existing Tree - Contractor to coordinate with E&A Consulting Group
	Existing Trees To Remain
P	Existing Trees To Remain & Use Tree Protection (5).

GENERAL GRADING NOTES

1. Topsoil and vegetation shall be stripped to a depth of 6" in areas to be graded.
2. Topsoil obtained from stripping operations shall be stockpiled in an approved location and re-spread on areas finish graded to receive topsoil.
3. All fill and backfill shall be placed in lifts of 8" or less in loose thickness.
4. All fill areas shall be placed and compacted as structural fill. Areas to receive fill shall be scarified to a minimum depth of 12" and proof rolled prior to receiving fill. Slopes steeper than 5H:1V shall be benched before placing fill. The standard specifications shall govern the grading and site preparation with the exception that structural fill shall be compacted to a minimum of 95% of the maximum dry density (ASTM D-698, Standard Proctor) at a moisture content between-3% and +4% of optimum.
5. For PCC Pavements, the upper 8" of subgrade shall be compacted to a minimum of 98% of the maximum dry density (ASTM D-698, Standard Proctor) at a moisture content between -3% and +4% of optimum. Subgrade preparation shall extend a minimum of 2 feet beyond the back of curb.
6. For Sidewalks, the upper 6" of subgrade shall be compacted to a minimum of 95% of the maximum dry density (ASTM D-698, Standard Proctor) at a moisture content between -3% and +4% of optimum. Sidewalk subgrades shall extend at least 6" laterally beyond the edge of the new sidewalk.
7. Imported Material, If Required, Shall be Free of Organic Matter and Debris, and Shall be a Inorganic Silt or Lean Clay Having a Plasticity Index less than 20 and a Liquid Limit less than 45. Borrow Material Shall Not Contain any Foreign Material with a Dimension Greater than 1.5".
8. Any excess material shall be disposed of off-site at a location determined by the contractor.
9. Unless noted, all spot elevations shown are top of slab or gutter. Add 0.5' to determine top of curb elevations.



NOTE:
Install temporary snow fence and t-posts beyond the drip line of tree. Remove after all paving and permanent striping operations are complete.

TREE PROTECTION DETAIL
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2024 PARK IMPROVEMENTS
SID 237
LA VISTA, NEBRASKA

GRADING PLAN

PROFESSIONAL LANDSCAPE ARCHITECT
MATTHEW ANTON TARKS
LA-477
STATE OF NEBRASKA
01/09/2024

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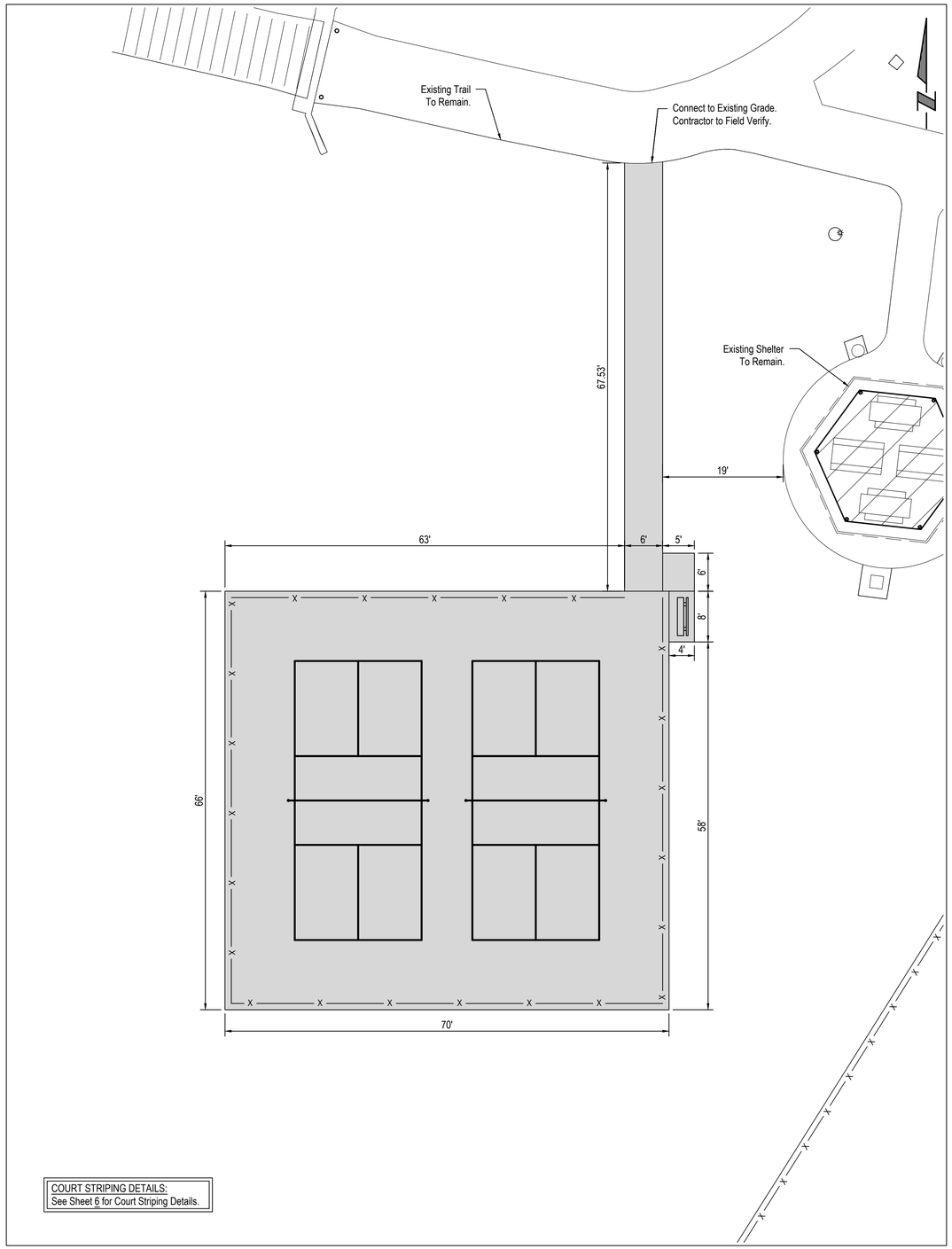
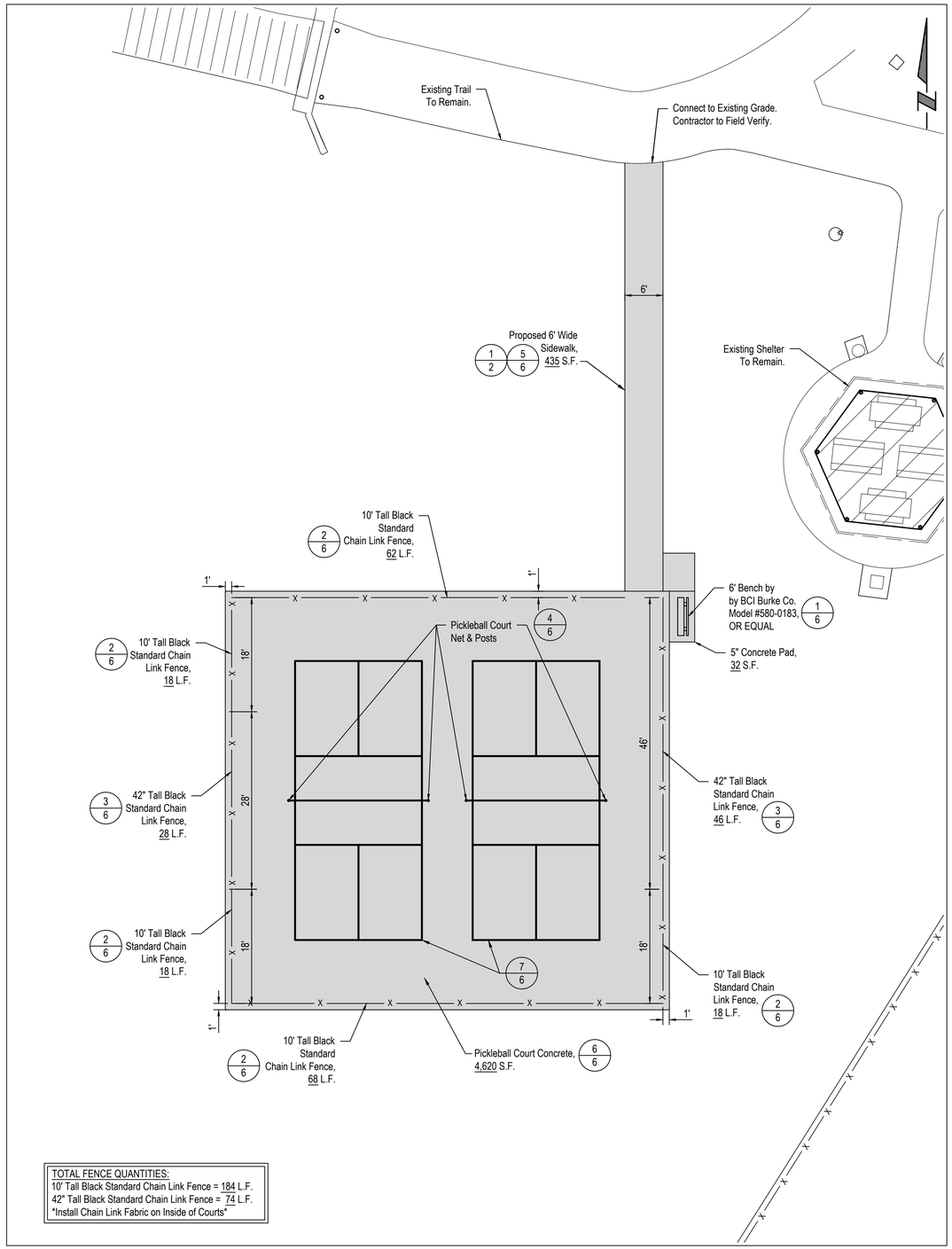


COURT STRIPING DETAILS:
See Sheet 6 for Court Striping Details.

DIMENSION PLAN
SCALE: 1" = 10'



TOTAL FENCE QUANTITIES:
10' Tall Black Standard Chain Link Fence = 184 L.F.
42" Tall Black Standard Chain Link Fence = 74 L.F.
Install Chain Link Fabric on Inside of Courts

AMENITY PLAN
SCALE: 1" = 10'

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2024 PARK IMPROVEMENTS
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LA VISTA, NEBRASKA

DIMENSION & AMENITY PLAN

PROFESSIONAL LANDSCAPE ARCHITECT
MATTHEW TANKS
01/09/2024
STATE OF NEBRASKA

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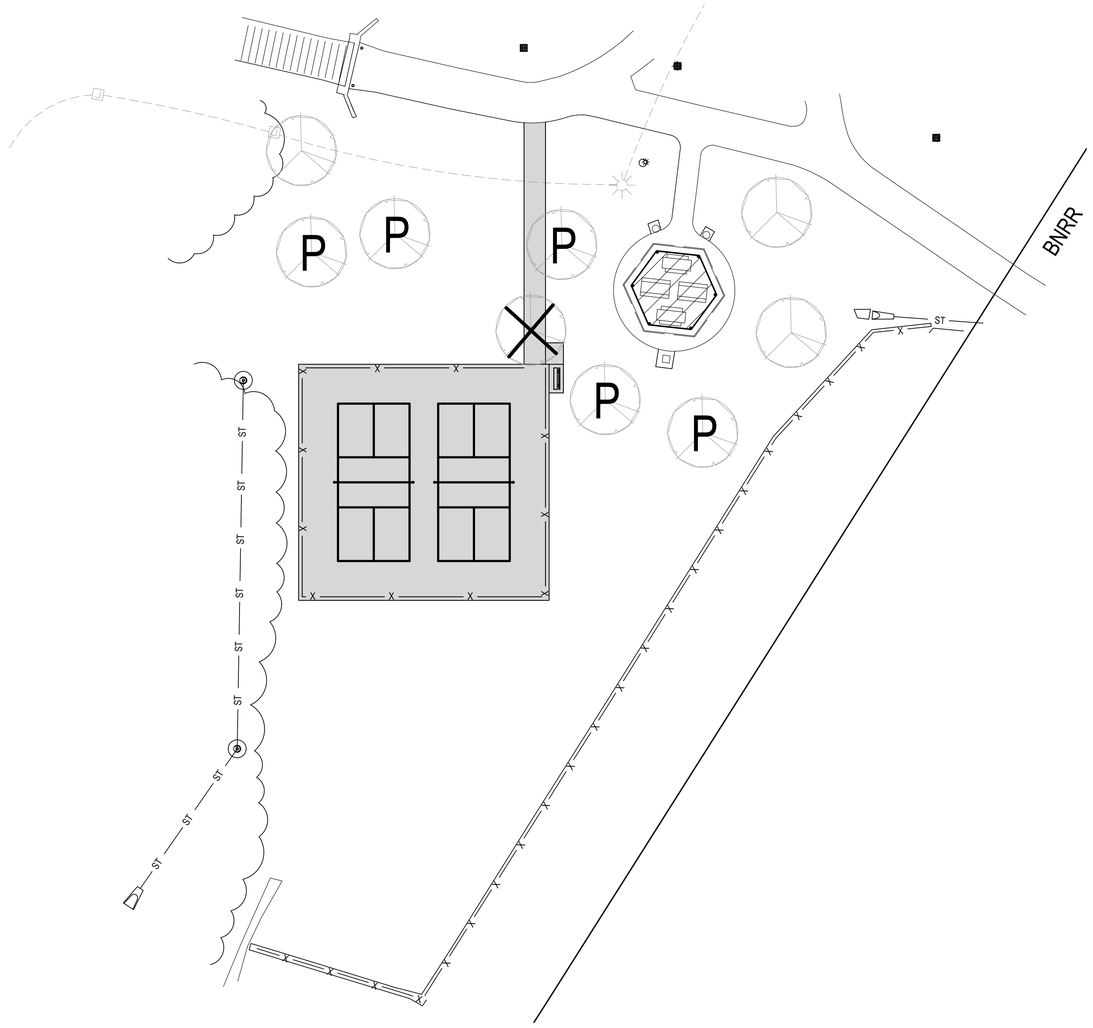
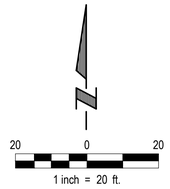




LEGEND

Relocate Existing Tree
- Contractor to coordinate with E&A Consulting Group

Existing Trees To Remain

Existing Trees To Remain & Use Tree Protection (5).

TREE NOTES:

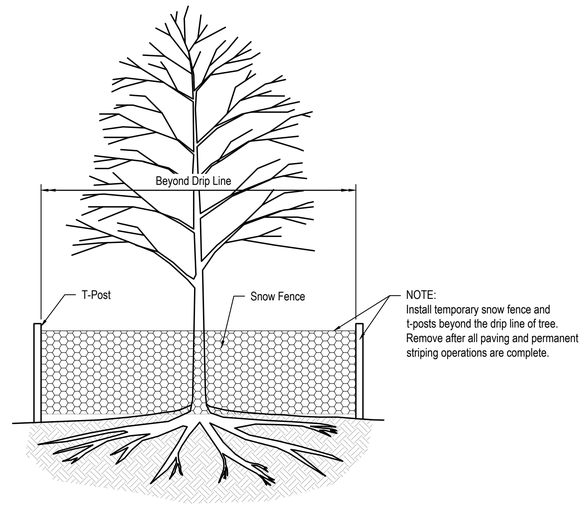
1. Landscape contractor must coordinate with all utilities and general contractor to field verify all utility locations that may conflict with all proposed tree planting locations on the project site.

LANDSCAPE NOTES:

1. Locate and verify the location of all underground utilities prior to the start of any construction. Care should be taken not to disturb any existing utilities during construction. Any damage to utilities or other improvements caused by the Contractor will be repaired at no cost to the Owner.
2. All plant material shall be of good quality and sizes shall meet required size specifications.
3. All plant material are to be watered in immediately after planting and then watered once a week for a period of two months from time of planting.
4. All plant material shall be guaranteed to be in a live and healthy growing condition for two full growing seasons (trees) after final project acceptance or shall be replaced free of charge with the same size and species including labor.
5. Verify all dimensions and conditions prior to starting construction. The location of plant material is critical and shall be installed as indicated on plans. Field adjustments may be necessary based on field conditions (i.e., root ball and drop inlet conflict). All adjustments must be approved by the landscape architect.
6. The Landscape Contractor shall remove all construction debris and materials injurious to plant growth from planting pits and beds prior to backfilling with planting mix. All planting areas shall be free of weeds and debris prior to any work.
7. Provide locally available shredded hardwood mulch on all trees and in all planting beds to a 4 inch maximum depth unless otherwise noted. Mulch ring to extend 1'-0" minimum beyond planting pit. Minor site grading to be included if needed.
8. All trees are to be staked for a period of not less than one year from time of planting. Contractor shall remove all staking after one year.
9. Contractor to coordinate work with other amenities contractors.

SEEDING NOTES:

1. Seed all disturbed areas.
2. Seed to be installed per City of Omaha Parks, Recreation, and Public Property Dept. specifications (32_92_00).
3. Matting/erosion control blanket shall be composed of a single net straw blanket of a layer of 100% straw fiber stitched with biodegradable thread to a biodegradable natural fiber top net. Matting/erosion control blanket shall be "BioNet S75BN" as manufactured by North American Green, 14649 Highway 41 North, Evansville, Indiana, 47711, phone number: (812) 867-6632 or (800) 772-2040; fax number (812) 867-0247; website: www.nagreen.com or Approved Equivalent..
4. Contractor to coordinate work with other amenities contractors.



TREE PROTECTION DETAIL
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LA VISTA, NEBRASKA

LANDSCAPE PLAN

PROFESSIONAL LANDSCAPE ARCHITECT
MATTHEW TIERNEY
PARKS
STATE OF NEBRASKA
6/11/2024

Revisions

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1		

Proj No: P2002.153.030
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Sheet: 5 of 6

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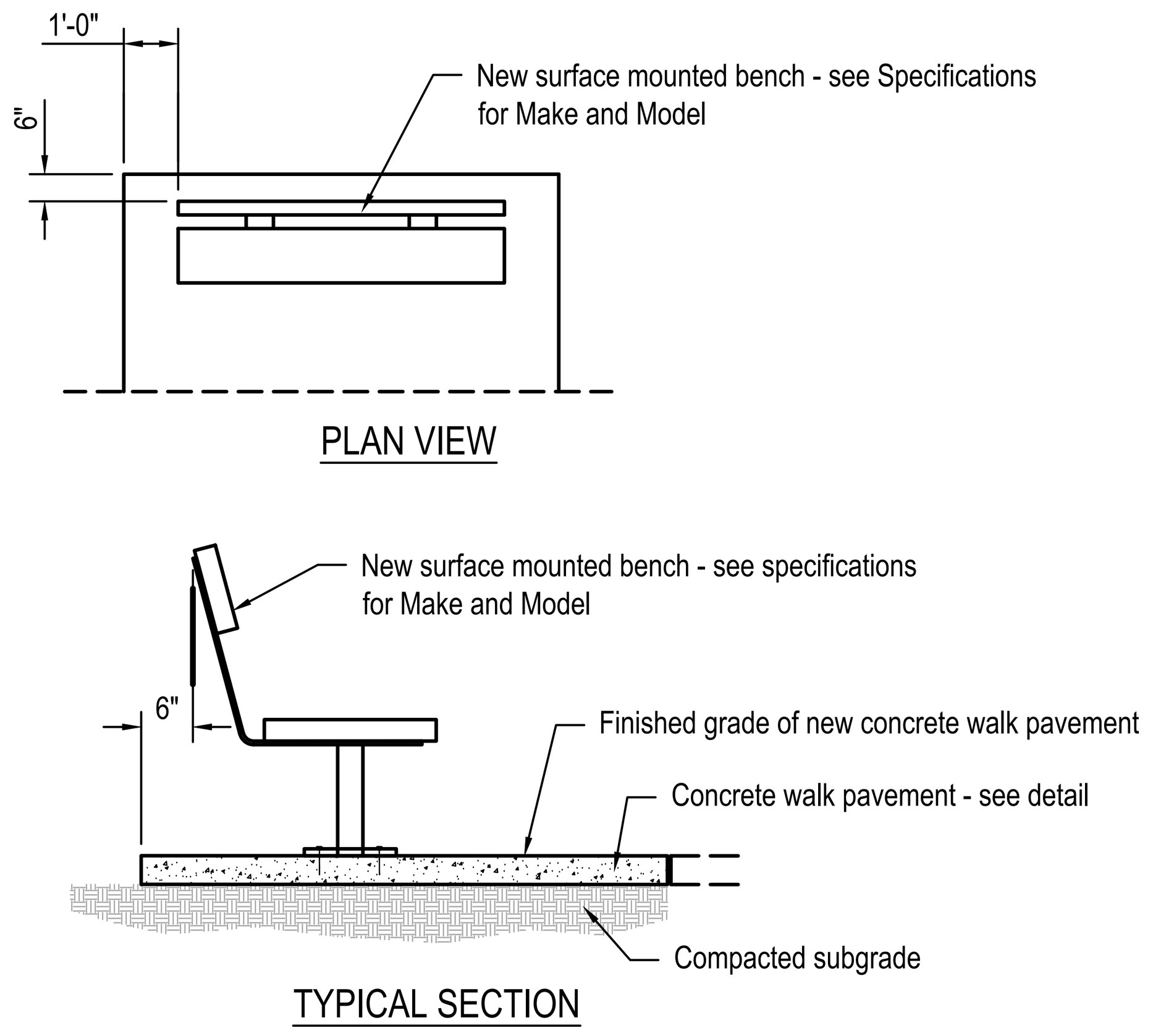
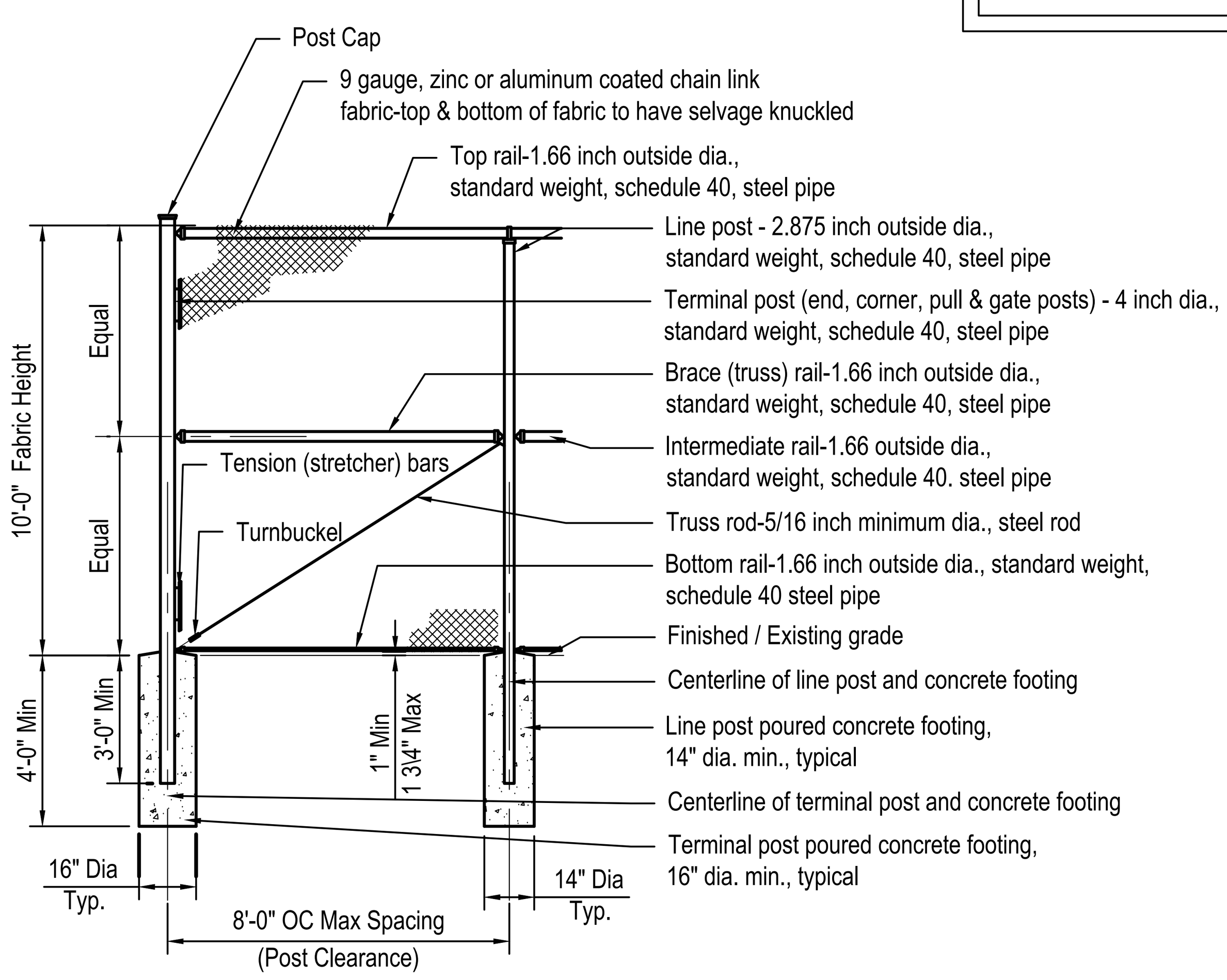
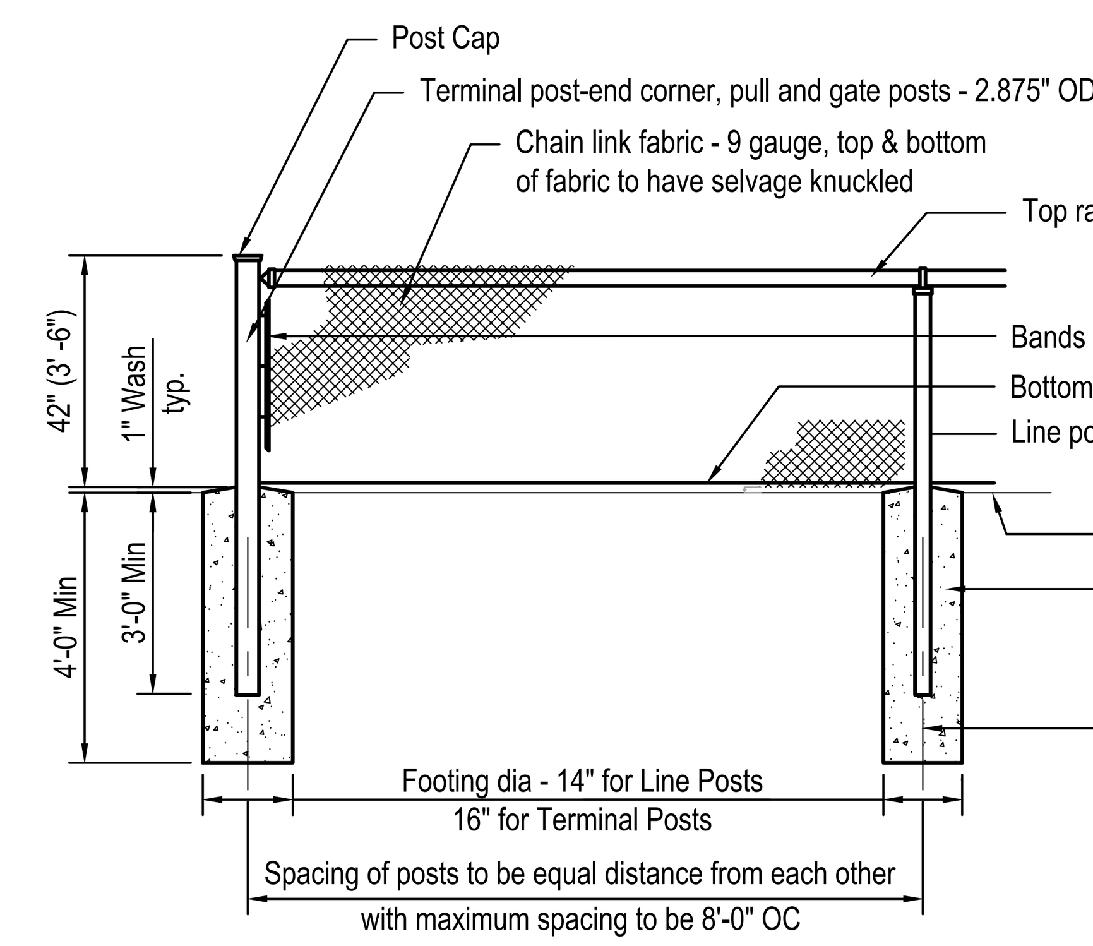
INSTALL CHAIN LINK FABRIC ON INSIDE OF COURTS



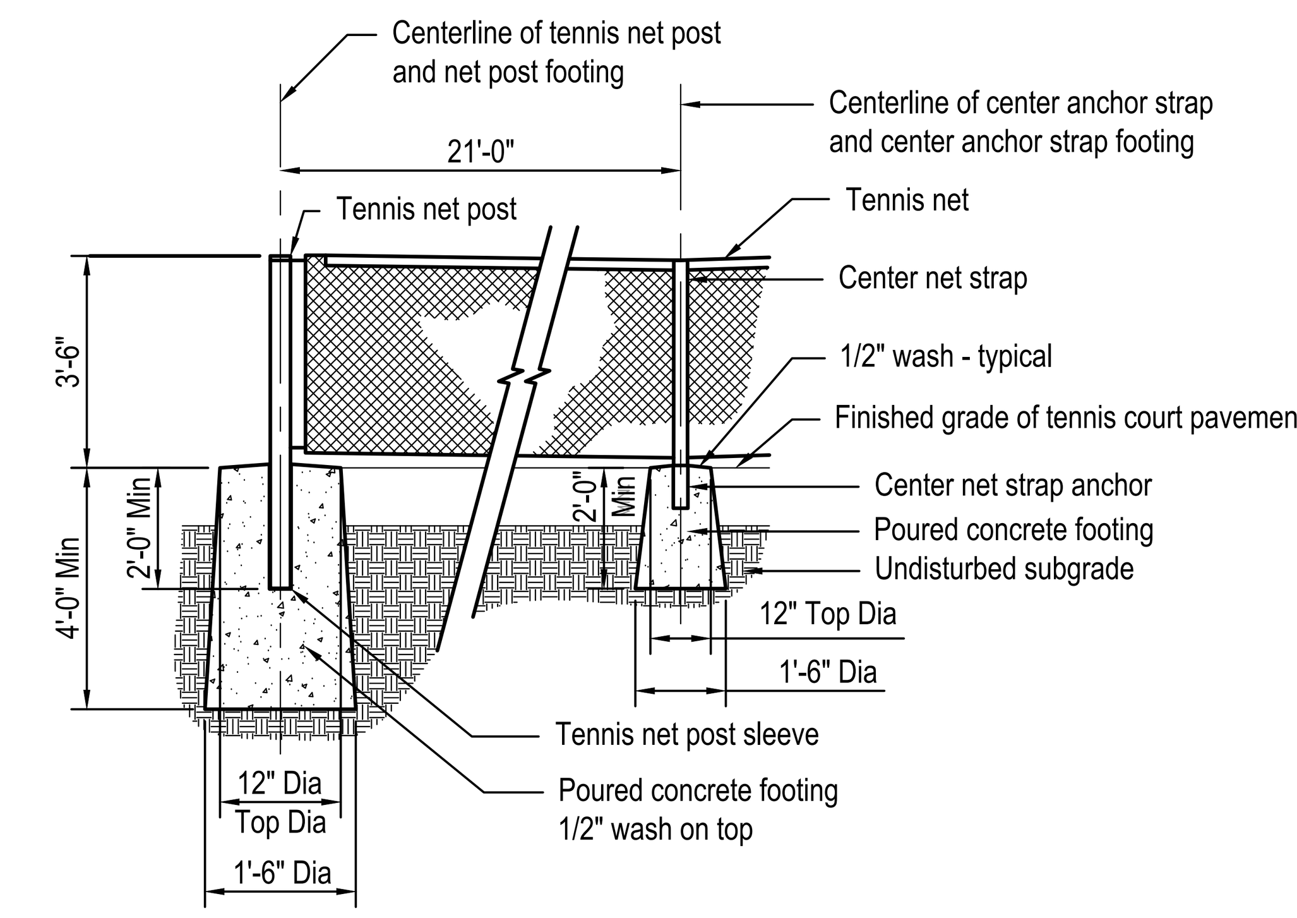
1/6 **BENCH - SURFACE MOUNTED**
NOT TO SCALE



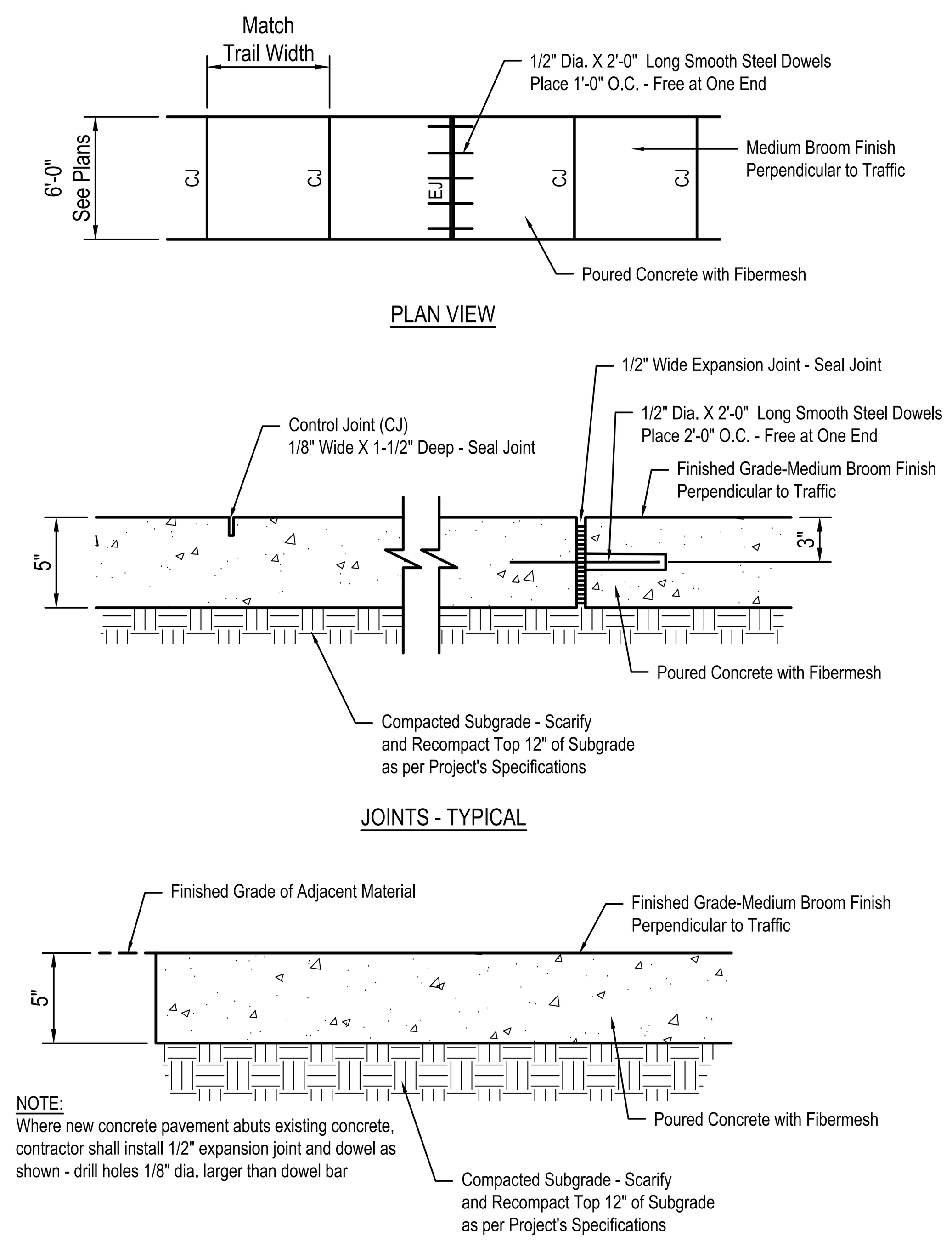
2/6 **10 FOOT TALL CHAIN LINK FENCING**
SCALE: NOT TO SCALE



3/6 **42" TALL CHAIN LINK FENCING (with Bottom Tension Wire)**
SCALE: NOT TO SCALE



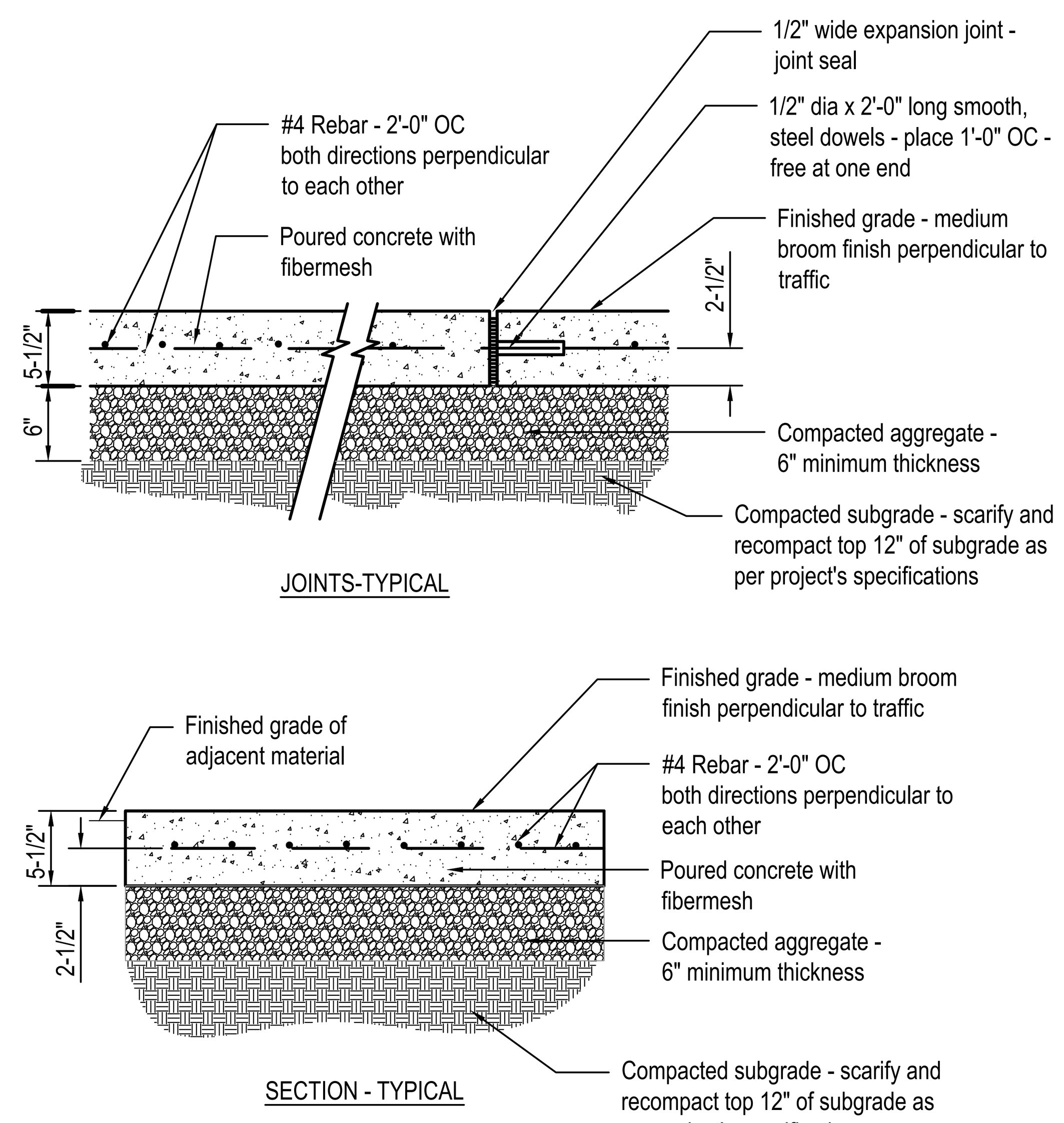
4/6 **PICKELBALL NET POST & CENTER ANCHOR STRAP**
SCALE: NOT TO SCALE



NOTES:

1. Expansion Joints (EJ) and Control Joints (CJ) shall be placed to match existing or as directed by the Park Planner.
2. All Expansion (EJ) and Control (CJ) Joints shall be sealed with a cured single or multicomponent cold applied elastomeric joint sealer. Color of joint sealer shall be gray.
3. Where new concrete pavement meets existing concrete, Contractor shall install 1/2" expansion joint and smooth steel dowels as shown - drill holes 1/8" diameter larger than dowel bar.

5/6 **CONCRETE TRAIL PAVEMENT**
NOT TO SCALE



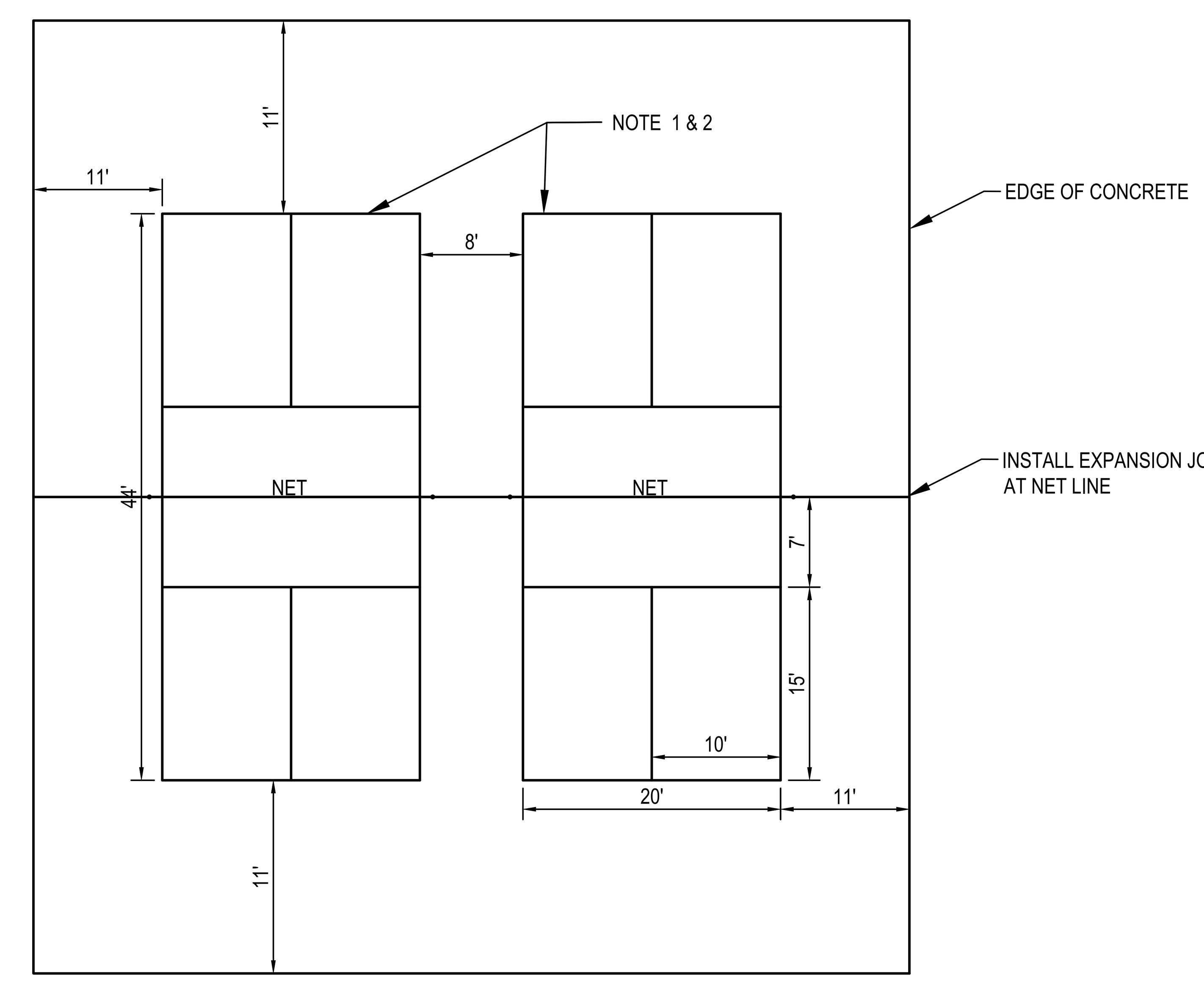
NOTES

1. All expansion (ej) joints shall be sealed with a cured single or multicomponent cold applied elastomeric joint sealer. Color of joint sealer shall be gray.
2. #4 Rebar shall be placed in a grid 2'-0" O.C. Through the entire concrete.

6/6 **PICKELBALL COURT CONCRETE PAVEMENT**
SCALE: NOT TO SCALE

COURT NOTES

1. MEASUREMENT TO CENTER OF 2" WIDE PAINTED LINE.
2. **PAINTED WHITE LINES** WITH TRAFFIC PAINT, 2" WIDE TYP.
3. NO CONTROL OR SCORE JOINTS



7/6 **PICKLEBALL COURT STRIPING PLAN**
NOT TO SCALE

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Engineering Answers

CIMARRON WOODS
2024 PARK IMPROVEMENTS
SID 237
LA VISTA, NEBRASKA

CONSTRUCTION DETAILS

PROFESSIONAL LANDSCAPE ARCHITECT — MATTHEW TIARKS — STATE OF NEBRASKA — 01/09/2024

Revisions		
△	Date	Description

Proj No: P2002.153.030
Date: 01/09/2024
Designed By: MAT
Drawn By: MAT
Scale: AS SHOWN
Sheet: 6 of 6

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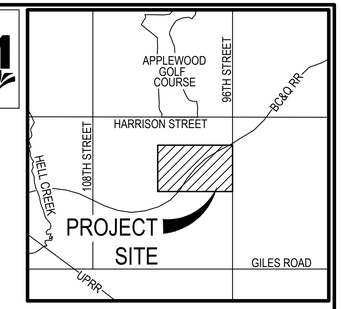
Improvement Plans for

CIMARRON WOODS

2024 PARK IMPROVEMENTS - BASKETBALL COURT

SID NO. 237

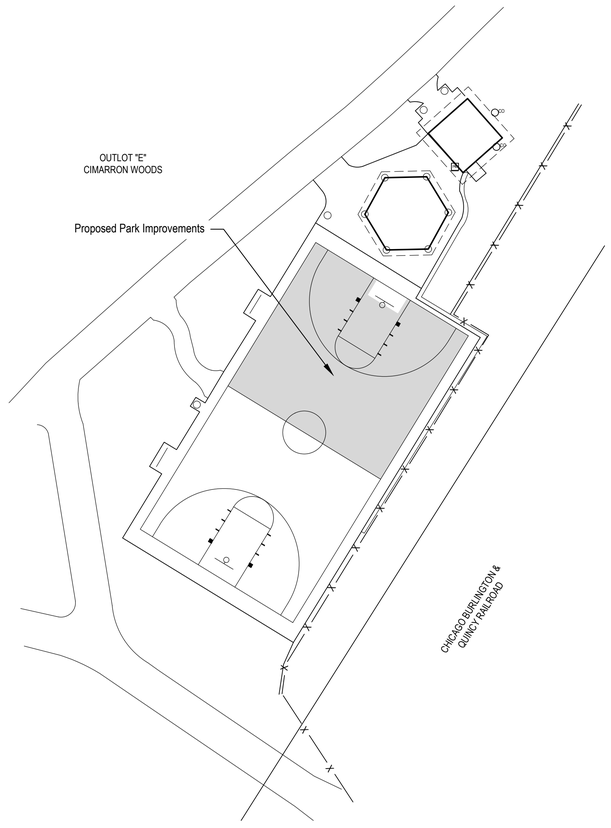
La Vista, Nebraska



VICINITY MAP

APPROXIMATE QUANTITIES

ITEM	DESCRIPTION	QUANTITY	UNIT
1.	6" FIBER MESH 300 CONCRETE W/ 6" AGGREGATE BASE (HALF BASKETBALL COURT)	2,350	SF
2.	BASKETBALL COURT STRIPING AND PAINT	1	LS
3.	REMOVE & DISPOSE EXISTING CONCRETE (HALF BASKETBALL COURT)	2,350	SF
4.	FULL DEPTH SAW CUT (HALF BASKETBALL COURT)	214	LF
5.	SEED ALL DISTURBED AREAS - TYPE A	.25	AC
6.	MAT ALL DISTURBED AREAS - NORTH AMERICAN GREEN	1,210	SY
7.	REMOVE & REPLACE EXISTING TRAIL (AS NEEDED)	4,080	SF
8.	INSTALL CONSTRUCTION ENTRANCE & CONCRETE WASHOUT	1	LS



20 0 20

1 inch = 20 ft.

INDEX OF SHEETS

1/1 DETAIL NUMBER / SHEET LOCATION OF DETAIL

GENERAL NOTES

1. All work shall be performed in accordance with the City of Omaha Standard Specifications for Public Works Construction, 2020 Edition, and any current revisions or amendments thereto. The City of Omaha Parks Department standards and the Special Provisions for this project shall apply, and the Contractor shall perform in accord therewith.
2. The Contractor shall be responsible to construct a completed park as shown on these plans to include the approximate quantities. All park equipment shall be assembled according to the manufacturers approximate quantities recommendations.
3. It is the intent of these plans to permit the Contractor to supply any of the materials or equipment specified or offer an equivalent. The Engineer shall determine whether the material or equivalent offered is equivalent to that specified. Whenever any particular material or equipment is indicated by patent, proprietary or brand name, or by name of manufacturer, such wording is used for the purposes of facilitating its description and shall be deemed to be followed by the word "or equal". The Contractor may offer any material or equipment which he considers to be equivalent to that indicated.
4. References to "Standard Plates" refers to the City of Omaha's 2020 Standard Plate list. These Standard Plates can be found at: https://publicworks.cityofomaha.org/2018-standard-plate-list
5. Item # 8. Install Construction Entrance & Concrete Washout. This item is intended to pay the Contractor for the installation, maintenance and removal of the construction entrance & concrete washout (if needed) prior to seeding.
6. All colors shall be specified by the Engineer.
7. Contractor must provide a minimum of 5 projects in the past 5 years of similar scope and size of project.

GRADING NOTES

1. Topographic survey is by E&A Consulting Group, Omaha, NE (402) 895-4700. Contour interval is 2 foot
2. The Contractor shall take care to locate and protect existing utilities from damage caused by construction activities. Any damage which occurs to existing utilities is the responsibility of the Contractor and shall be repaired at the Contractors expense.
3. All dimensions and elevations marked with an asterisk (*) shall be field verified prior to construction. Notify the Engineer of any conflicts with the drawings prior to construction.
4. Grading shall be accomplished in accordance with Section 200 "Earthwork" of the Omaha Standard Specifications.
5. Proposed contours and spot elevations are controls only and site shall be graded to a tolerance of +0.1 foot. All grading shall be smooth and continuous. All surfaces shall have positive drainage
6. Provide positive drainage at all times within the construction area and do not allow water to pond in excavation areas or next to structures. Maintain all existing drainage patterns except as modified by the plans.
7. Take the necessary measures to prevent soil erosion during the construction process. This shall include the erection and maintenance of silt fencing at location indicated on the plans or required in the field to prevent soil loss or waterway pollution. Maintain silt fence and remove sediment as required. Remove silt fence only after establishment of new turf crop.
8. Clear and grub all vegetation for areas to be graded. Separate organic material from associated topsoil and legally dispose of organic material off site.
9. Maximum longitudinal sidewalk grade shall be 5% (20:1) unless indicated otherwise on the drawings. Notify the Engineer of any inability to achieve this maximum slope. Maximum cross shall be 2%. Where longitudinal slopes exceeds 3% maximum, cross slope shall be 1%.

PAVEMENT CONSTRUCTION NOTES

1. Pavement subgrade shall be prepared and compacted in accordance with City of Omaha Specifications for Public Works Construction.
2. Concrete mix for sidewalk shall be "L6" or "SG6," air-entrained concrete, made from Type 1 Portland Cement in accordance with the City of Omaha Specifications for Public Works Construction unless otherwise shown on plans.
3. Water-reducing admixture shall be added to all hand-placed and finished concrete.
4. Paving widths shall be as shown on plans.
5. A diamond edge saw blade shall be used for cutting all required contraction and longitudinal pavement joints.
6. Within one (1) hour the concrete pavement shall be cured using a white pigmented liquid membrane-forming curing compound that has been approved by the State of Nebraska Department of Roads. Apply liquid membrane-forming curing compound at the concentration and application rate recommended by the manufacturer.
7. All expansion joints shall be sealed to reduce moisture infiltration and to reduce the accumulation of non-compressible materials. A hot pour joint sealer shall be used to fill the sawcut.
8. Exterior Sidewalks: The upper 6 inches of the subgrade should be compacted to a minimum of 95 percent of the maximum dry density at a moisture content between -3 and +4 percent of optimum (ASTM D698, Standard Proctor). Subgrade preparation should extend laterally 24 inches beyond the edge of the sidewalk.
9. 6-foot width sidewalk shall be jointed in 6'x6' panels.
10. All intersections shall be warped as directed by the Engineer in the field to ensure positive drainage.
11. All pavement removals shall be sawcut. Pavement removed for utility connections shall be removed and replaced in complete panels. Pavement removal limits may be adjusted in the field to match existing joints.
12. Maximum longitudinal sidewalk grade shall be 5% (20:1) unless indicated otherwise on the drawings. Notify the Engineer of any inability to achieve this maximum slope. Maximum cross shall be 2%. Where longitudinal slopes exceeds 3% maximum, cross slope shall be 1%.

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CIMARRON WOODS
2024 PARK IMPROVEMENTS - BASKETBALL COURT
SID 237
LA VISTA, NEBRASKA

COVER SHEET

PROFESSIONAL LANDSCAPE ARCHITECT
MATTHEW TANKS
LA-000
5/23/2024
STATE OF NEBRASKA

Revisions			
No.	Date	Description	

Proj No:	P2002.153.032
Date:	05/21/2024
Designed By:	MAT
Drawn By:	MAT
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Sheet:	1 of 4
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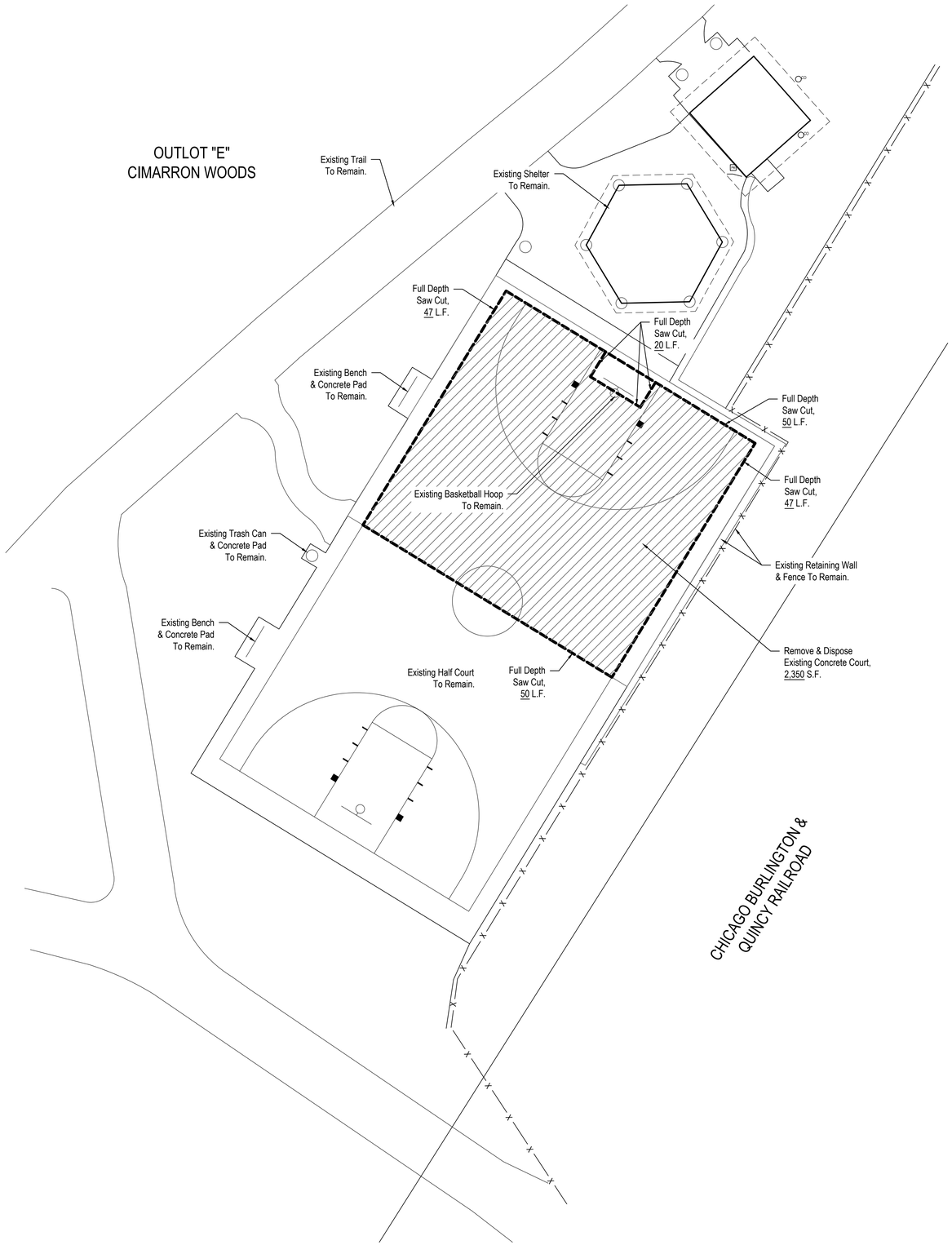

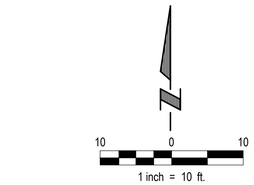

LEGEND

- REMOVALS
- FULL DEPTH SAW CUT FOR CONCRETE REMOVAL

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CIMARRON WOODS
2024 PARK IMPROVEMENTS - BASKETBALL COURT
SID 237
LA VISTA, NEBRASKA

REMOVALS PLAN

PROFESSIONAL LANDSCAPE ARCHITECT
MATTHEW R. TARKS
5/23/2024
STATE OF NEBRASKA

Revisions

	Date	Description
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Proj No:	P2002.153.032
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Sheet:	2 of 4

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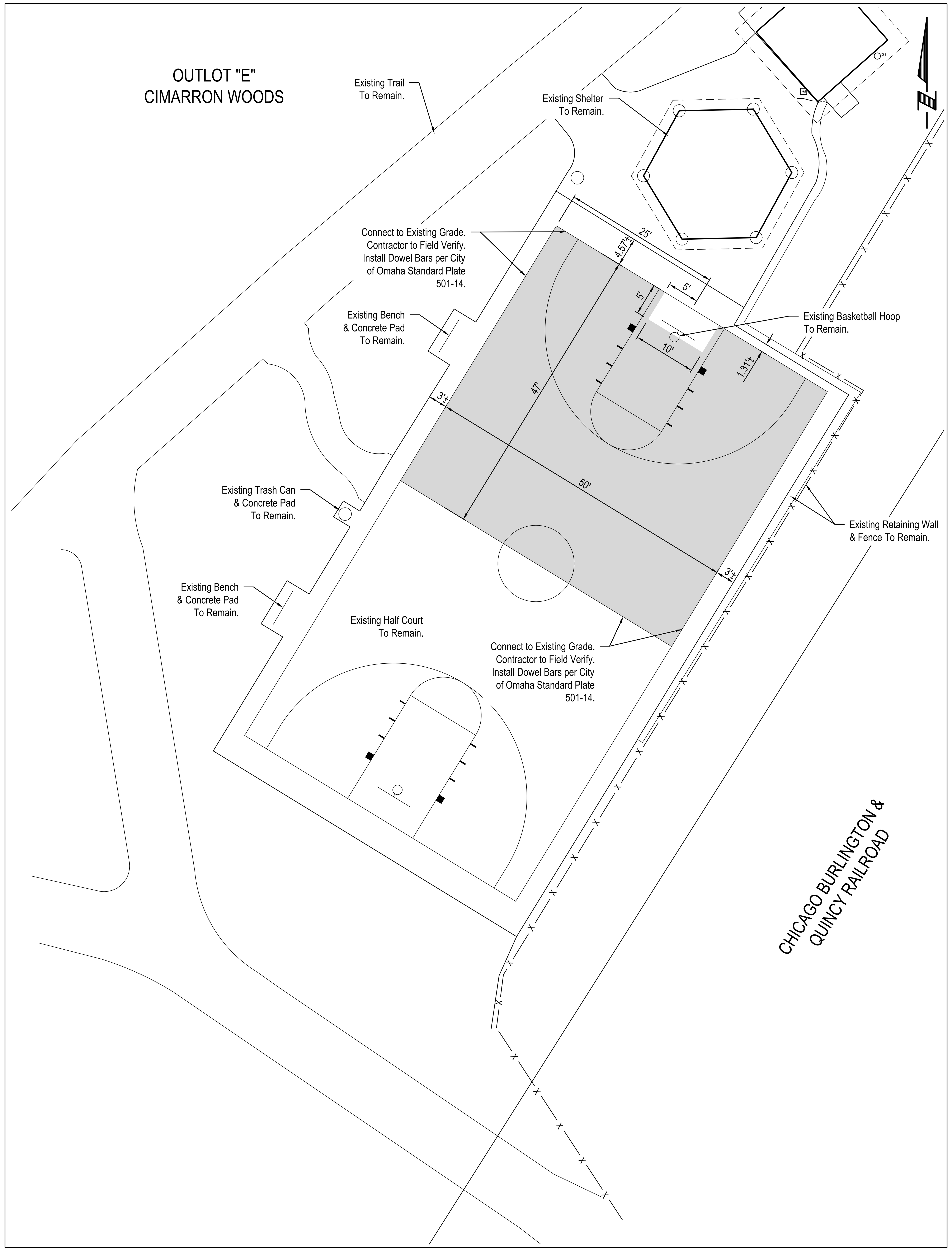
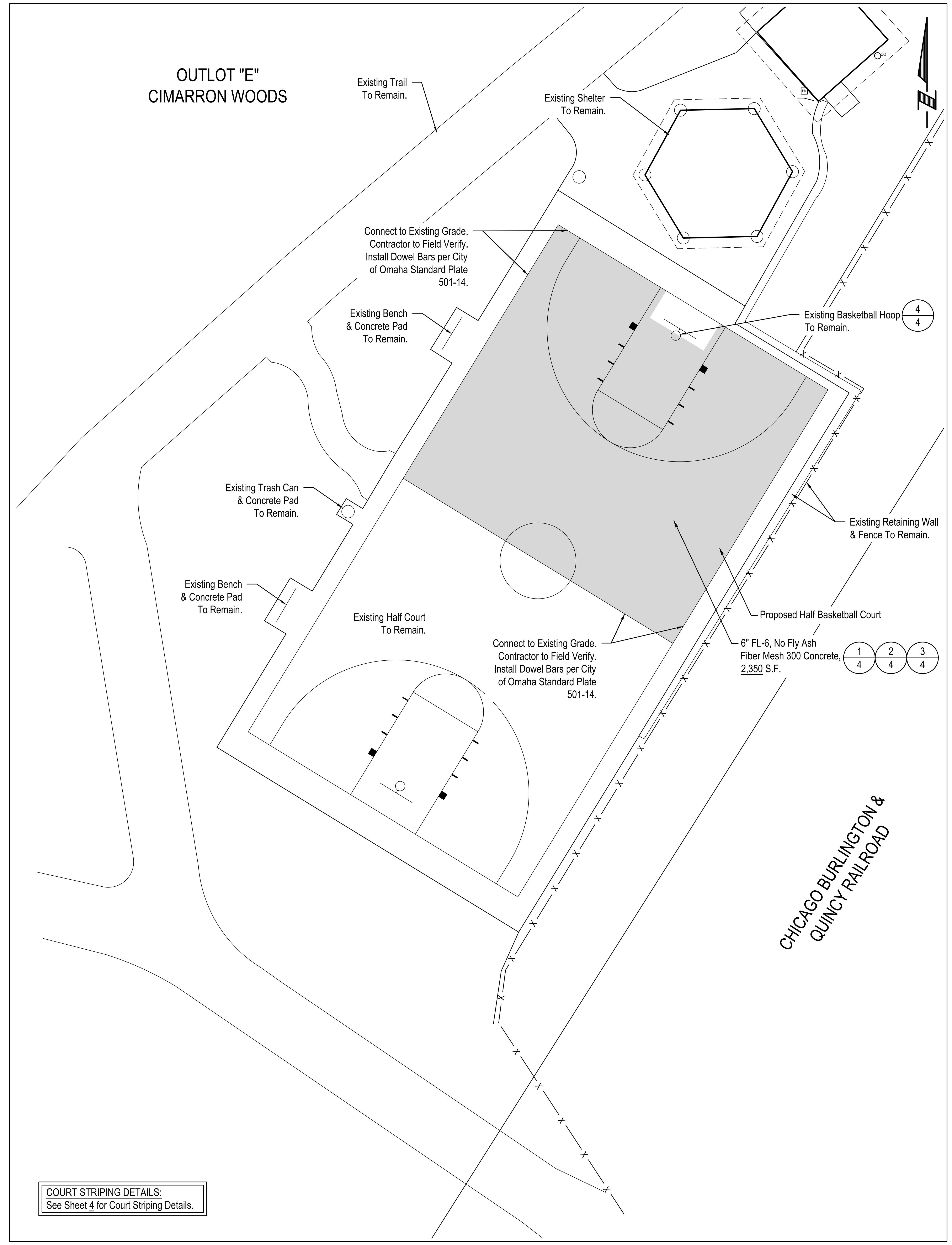


DIMENSION PLAN

SCALE: 1" = 10'



AMENITY PLAN

SCALE: 1" = 10'

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CIMARRON WOODS
2024 PARK IMPROVEMENTS - BASKETBALL COURT
SID 237
LA VISTA, NEBRASKA

DIMENSION & AMENITY PLAN

PROFESSIONAL LANDSCAPE ARCHITECT
MATTHEW TIARKS
LA-187
STATE OF NEBRASKA
5/23/2024

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Proj No:	P2002.153.032
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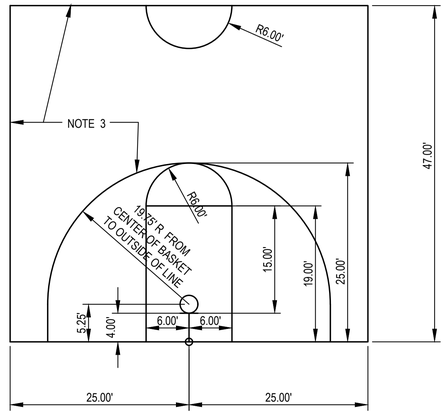
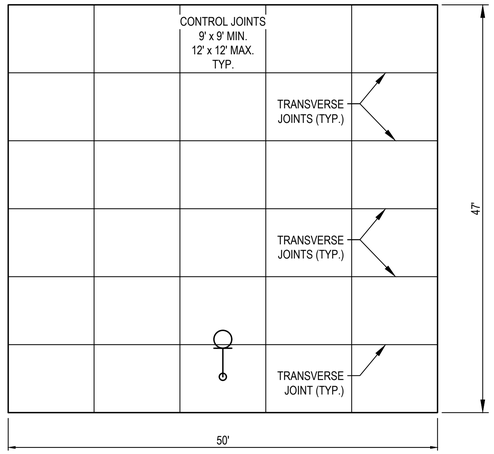
NOTES
1. MEASUREMENT TO OUTSIDE EDGE OF 2" WIDE PAINTED LINE.
2. MEASUREMENT TO INSIDE EDGE OF 2" WIDE PAINTED LINE.
3. **PAINTED WHITE LINES** WITH TRAFFIC PAINT, 2" WIDE TYP.
4. COURT SHALL BE 6" P.C. FIBER MESH CONCRETE.
5. CONTRACTOR TO FIELD VERIFY WITH EXISTING HALF COURT STRIPING.



1/4 **BASKETBALL HALF COURT STRIPING PLAN**
NOT TO SCALE

NOTES
1. CONTRACTOR TO FIELD VERIFY CONTRACTION & EXPANSION JOINTS



2/4 **BASKETBALL HALF COURT JOINTING PLAN**
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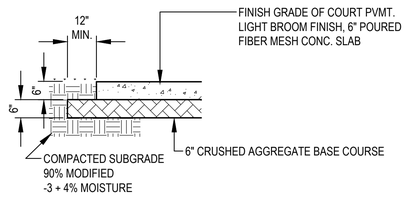
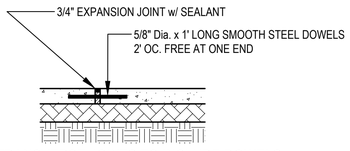
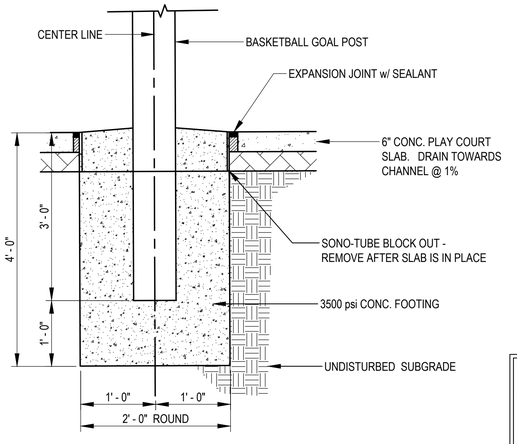


CONCRETE COURT PAVEMENT



ALL TRANSVERSE JOINTS TO INCLUDE DOWELS

3/4 **BASKETBALL COURT DETAILS**
NOT TO SCALE



NOTES:
1. Contractor shall field verify sleeve around basketball hoop post prior to concrete removal.

2. Contractor shall provide basketball hoop post protection from new concrete pour (splatter).

4/4 **BASKETBALL COURT GOAL POST**
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