

Title	Heritage Park Tennis Court	04/15/2024
	by Ben Rea in Member District ADA Project Request	id. 46227293
	410 N. Arlington Heights Road Arlington Heights, Illinois 60004 United States 8475067145 ada@ahpd.org	

Original Submission 04/15/2024

Score	n/a
Name	John Kramer
Job Title	Director of Parks & Planning
E-mail Address	jkramer@ahpd.org
Phone Number	8475067145
Park District	Arlington Heights
Project Location	Heritage Park Tennis Court
Project Status	Maintenance
Project Type	Routes and Surfaces
Routes and Surfaces- select a Project Category below:	Athletic Surfaces
Benefits of the Project	Replacement of playable surfaces, better access for accessibility.
Items that will become ADA Compliant	Continued compliance.
The project is designed or constructed, or applies human resources, to comply with:	The Illinois Accessibility Code The 2010 Standards for Accessible Design

Upload Project Related Files, Photos, Videos or Audio

[2023.05.25_-_HERITAGE_-_REVISED_IFP-STAMPED.pdf](#)

Budget Table for ADA Related Expenses

[Budget Table.xlsx](#)

ADA Dollars Requested	72000.0
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Notes related to requested amount

RECREATION COURT IMPROVEMENTS

HERITAGE PARK

506 WEST VICTORIA LANE

ARLINGTON HEIGHTS, IL 60005



FOR:
 ARLINGTON HEIGHTS PARK DISTRICT
 410 N ARLINGTON HEIGHTS RD
 ARLINGTON HEIGHTS, IL 60004



SHEET INDEX

C-H000	Civil Cover Sheet
C-H001	Topographical Survey
C-H101	Site Demolition Plan
C-H201	Site Geometry Plan
C-H301	Site Utility Plan
C-H401	Grading And Paving Plan
C-H501	Soil Erosion And Sediment Control Plan
C-H601	Site Work Details
C-H602	Site Work Details
E101	Electrical Site Plan
E102	Schedules & Details

DRAINAGE STATEMENT

My Design Will Not Result In Stormwater Runoff Adversely Impacting Adjacent And Downstream Properties By Increasing Flood Elevations Or Decreasing Flood Conveyance Capacity.

Signed:
 SEAL ILLINOIS REGISTRATION NO: 062-071456
 Date: 03/03/2023

ACCESSIBILITY STATEMENT OF COMPLIANCE

I Have Prepared, Or Caused To Be Prepared Under My Direct Supervision, The Attached Plans And Specifications And State That, To The Best Of My Knowledge And Belief And To The Extent Of My Contractual Obligation, They Are In Compliance With The Environmental Barriers Act [410 ILCS 25] And The Illinois Accessibility Code (71 Ill. Adm. Code 400).

Signed:
 SEAL ILLINOIS REGISTRATION NO: 062-071456
 Date: 03/03/2023

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 LICENSE NO. 184-003220
 EXPIRES: 04/30/2023

ARLINGTON HEIGHTS PARK DISTRICT
 RECREATION COURT IMPROVEMENTS
 HERITAGE PARK
 506 WEST VICTORIA LANE
 ARLINGTON HEIGHTS, ILLINOIS

Reserved for Seal:

No.	Date	Description
	03/15/23	Issued For Permit
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Design By:	Approved By:	Date:
NH	JC	02/17/23

Sheet Title:
**CIVIL
 COVER SHEET**

Sheet No:
C-H000

J.U.L.I.E.
 Note: The Exact Location Of All Utilities Shall Be Verified By The Contractor Prior To Construction Activities. For Utility Locations Call: J.U.L.I.E. 1 (800) 892-0123

SURVEY PROVIDED BY:
 Topographic Map Provided By Norman J. Toberman and Associates For Arlington Heights Park District on February 15, 2017.

BENCHMARKS
HERITAGE PARK
 Bench Mark
 N.W. Upper Flange Bolt On Fire Hydrant
 In Parkway Of 614 West Victoria
 Elev. = 721.48 (NAVD88)
 Elevations Shown Hereon Are Based On The NAVD88 Datum Plane.

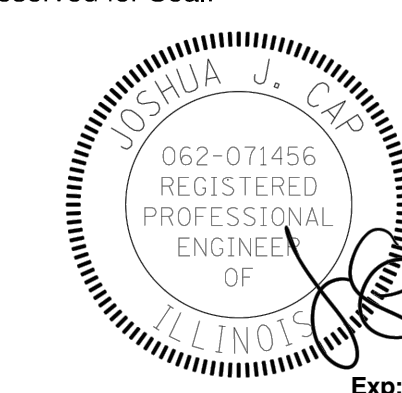


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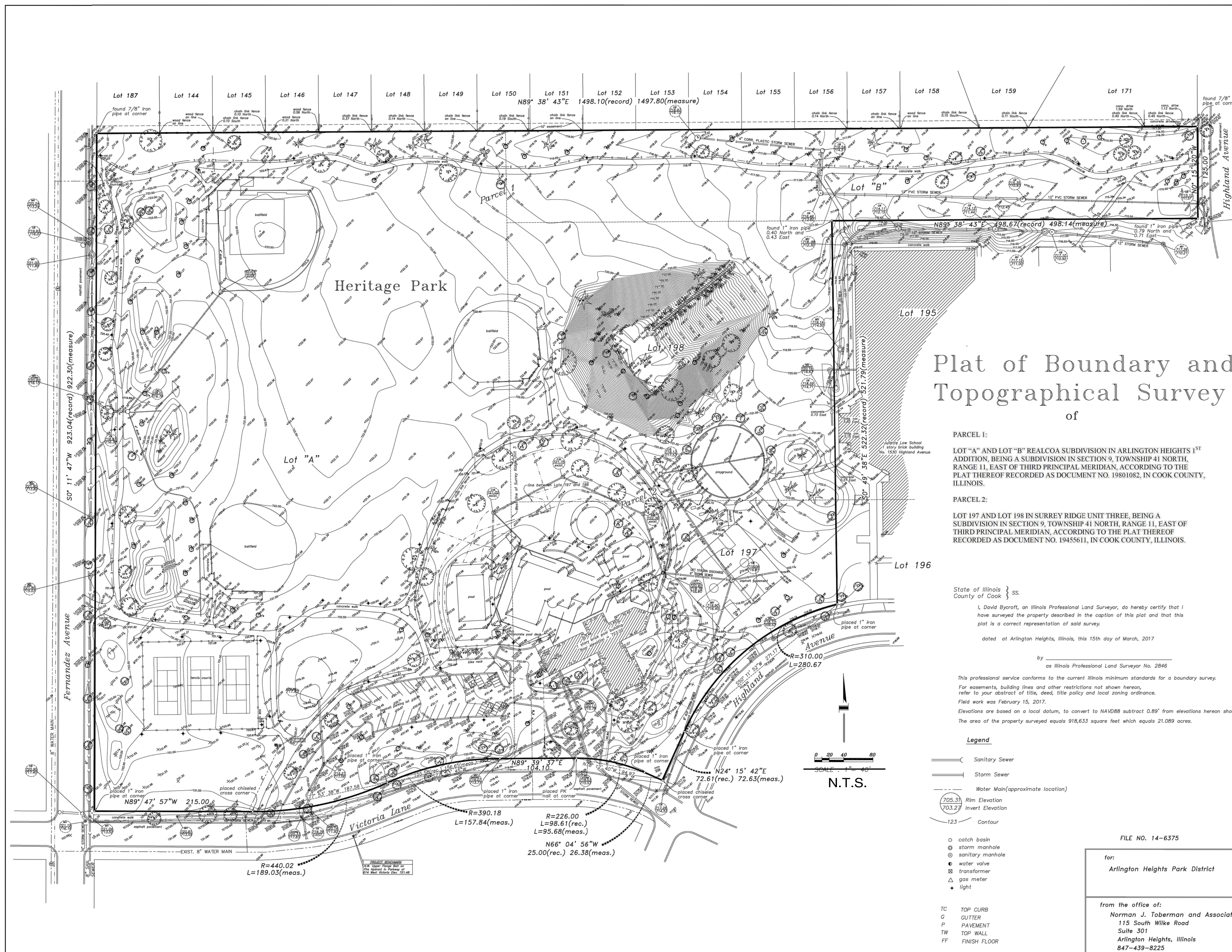
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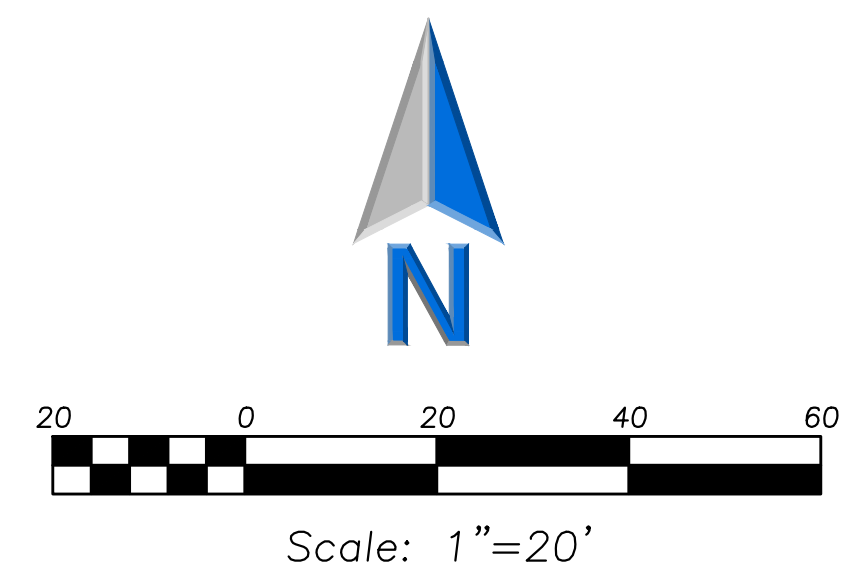
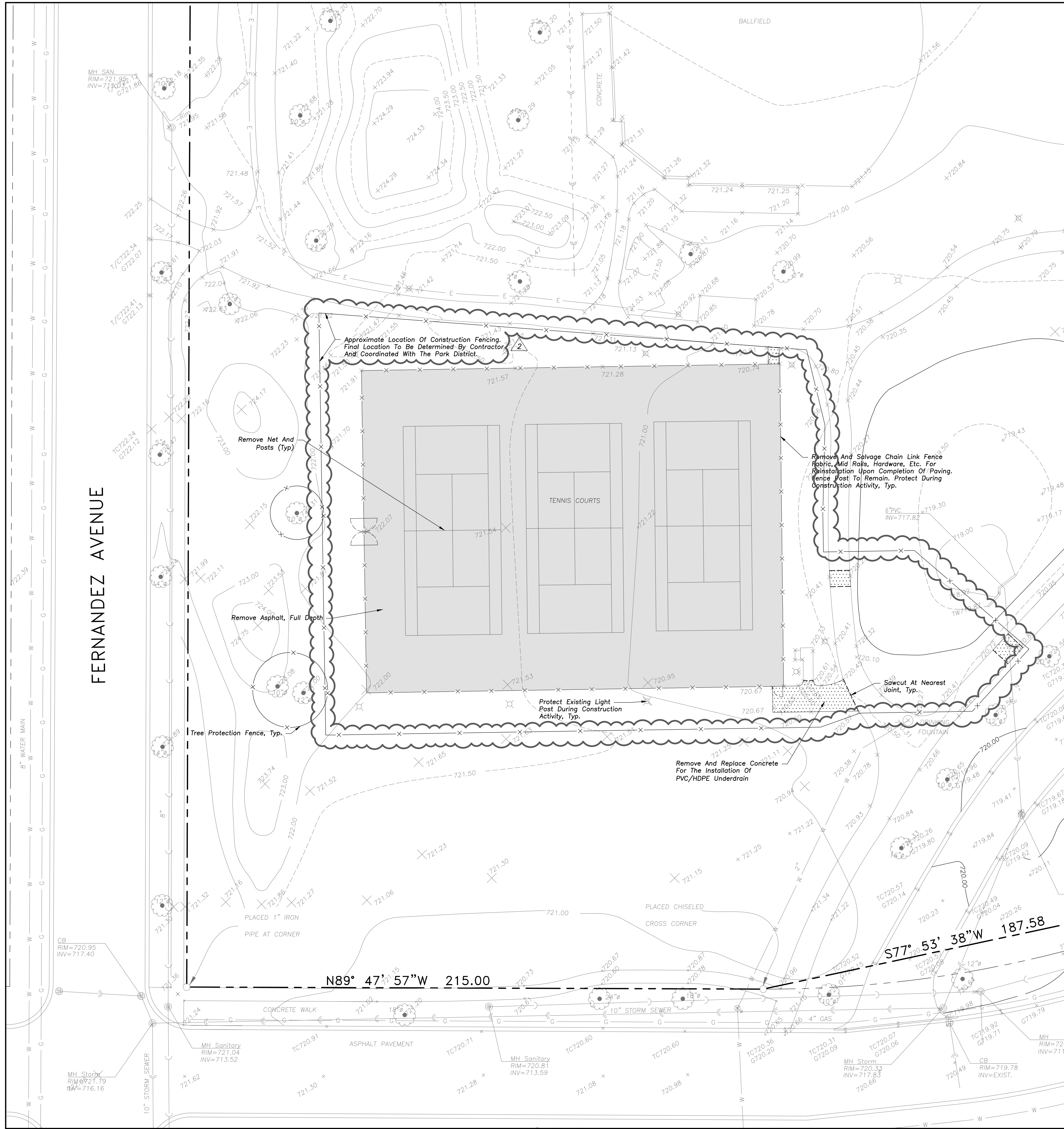
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Design By: NH Approved By: JC Date: 02/17/23

Sheet Title:
**TOPOGRAPHICAL
SURVEY**

Sheet No:
C-H001





DEMOLITION LEGEND

- Bituminous Pavement Removal (Full Depth)
- Concrete Pavement Removal (Full Depth)
- Pavement Sawcut

DEMOLITION NOTES

1. Keep All Village Streets Free and Clear of Construction Related Dirt/Dust/Debris.
2. Any Public Sidewalk That Is Damaged As A Result Of Construction Activity Shall Be Removed And Replaced At The Direction Of The Engineer Inspector.
3. Any Public Parkway That Is Damaged As A Result Of Construction Activity Shall Be Restored With Topsoil And Seed Or Sod And At The Direction Of The Engineer Inspector.
4. Coordinate Existing Utility Removal with Local Authorities and Utility Companies Having Jurisdiction.
5. All Sawcutting Shall Be Full Depth to Provide a Clean Edge to Match New Construction. Match Existing Elevations at Points of Connection for New and Existing Pavement, Curb, Sidewalks, etc. All Sawcut Locations Shown Are Approximate and May Be Field Adjusted to Accommodate Conditions, Joints, Material Type, etc. Remove Minimum Amount Necessary for Installation of Proposed Improvements.
6. Provide and Maintain All Necessary Traffic Control and Safety Measures Required During Demolition and Construction Operations Within or Near the Public Roadway.
7. All Trees To Be Removed Shall Be Removed In Their Entirety and Stumps Shall Be Ground to Proposed Subgrade. Use As Match for Proposed Landscaping Where Applicable and Acceptable to Architect.

LEGEND

- | EXISTING | PROPOSED |
|--------------------------------------|--------------------------------------|
| Catch Basin | Catch Basin |
| Clean Out | Clean Out |
| Storm Sewer | Storm Sewer |
| Sanitary Sewer | Sanitary Sewer |
| Water Main | Water Main |
| Electrical Cable (Buried) | Electrical Cable (Buried) |
| Light Pole | Light Pole |
| Utility Pole | Utility Pole |
| Sign | Sign |
| Curb & Gutter | Curb & Gutter |
| Depressed Curb | Depressed Curb |
| Curb Elevation | Curb Elevation |
| Gutter Elevation | Gutter Elevation |
| Pavement Elevation | Pavement Elevation |
| Sidewalk Elevation | Sidewalk Elevation |
| Ground Elevation | Ground Elevation |
| Swale | Swale |
| Contour Line | Contour Line |
| Deciduous Tree | Deciduous Tree |
| Coniferous Tree | Coniferous Tree |
| Brushline | Brushline |
| Tree Protection Fencing at Drip Line | Tree Protection Fencing at Drip Line |

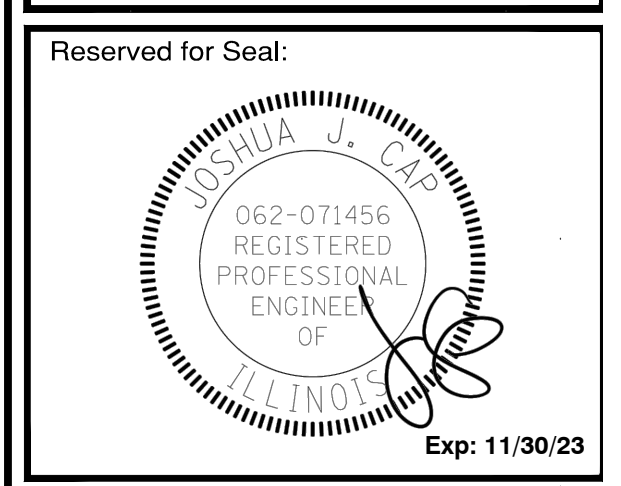
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**ARLINGTON HEIGHTS PARK DISTRICT
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HERITAGE PARK
506 WEST VICTORIA LANE
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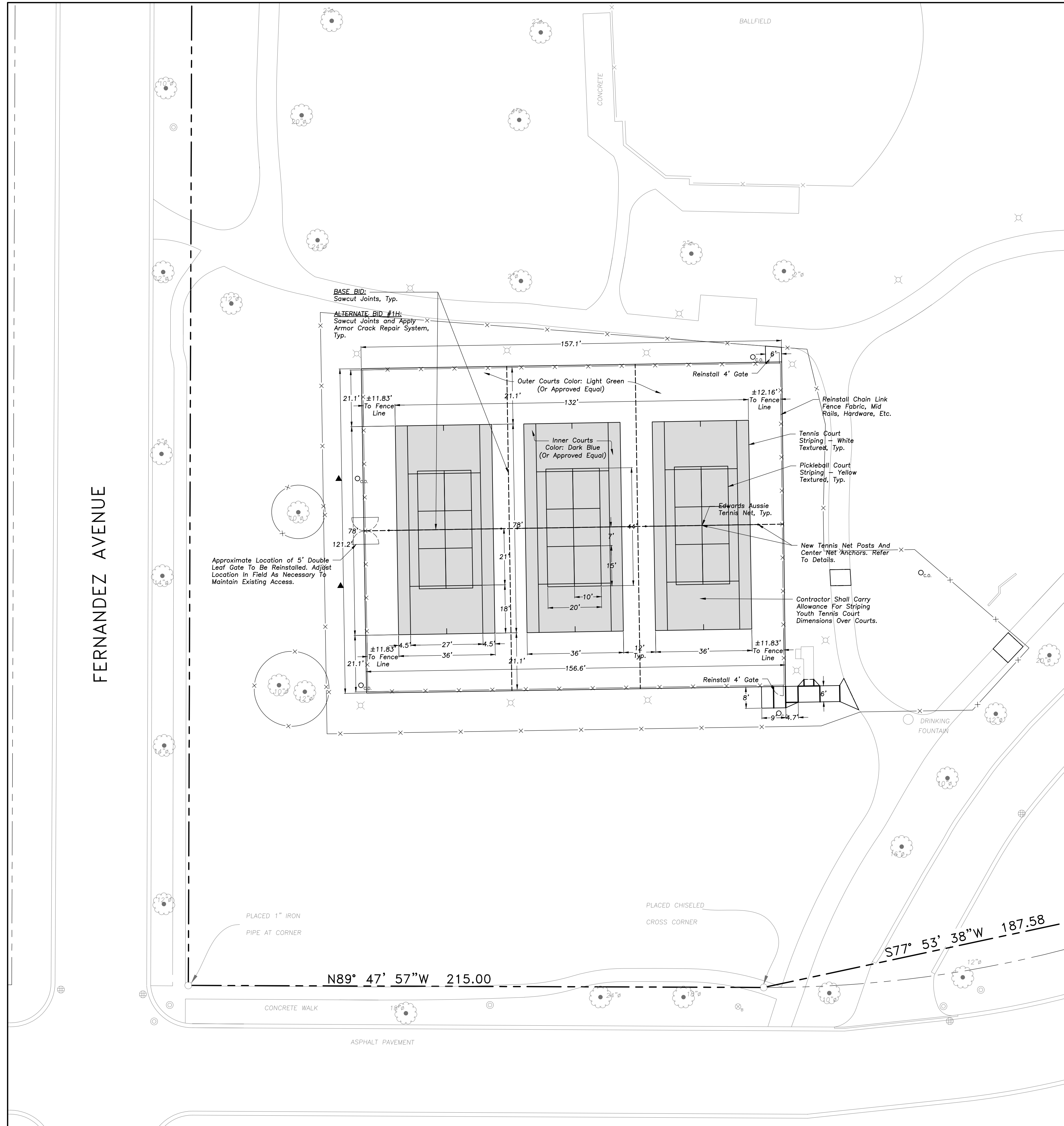


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DESIGN BY: NH APPROVED BY: JC DATE: 02/17/23

**SITE DEMOLITION
PLAN**

Sheet No:
C-H101



GEOMETRY NOTES

1. All Dimensions Contained Herein Reference Back Of Curb, Face Of Retaining Wall, Edge Of Pavement, Center Of Structure And Outside Face Of Building Foundation Unless Otherwise Noted.

LEGEND

EXISTING	PROPOSED

GENERAL NOTES

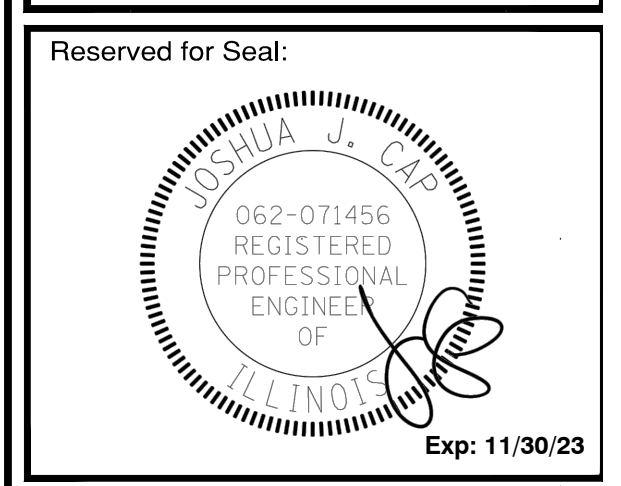
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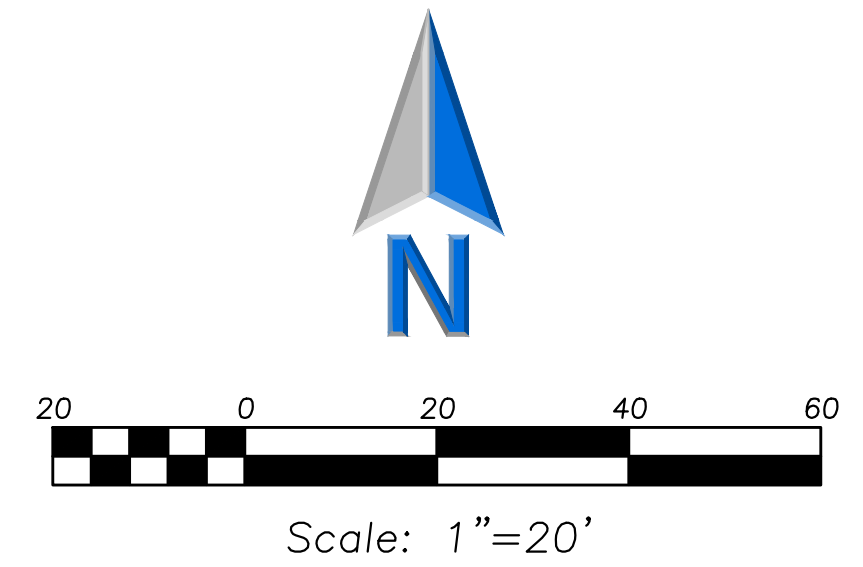
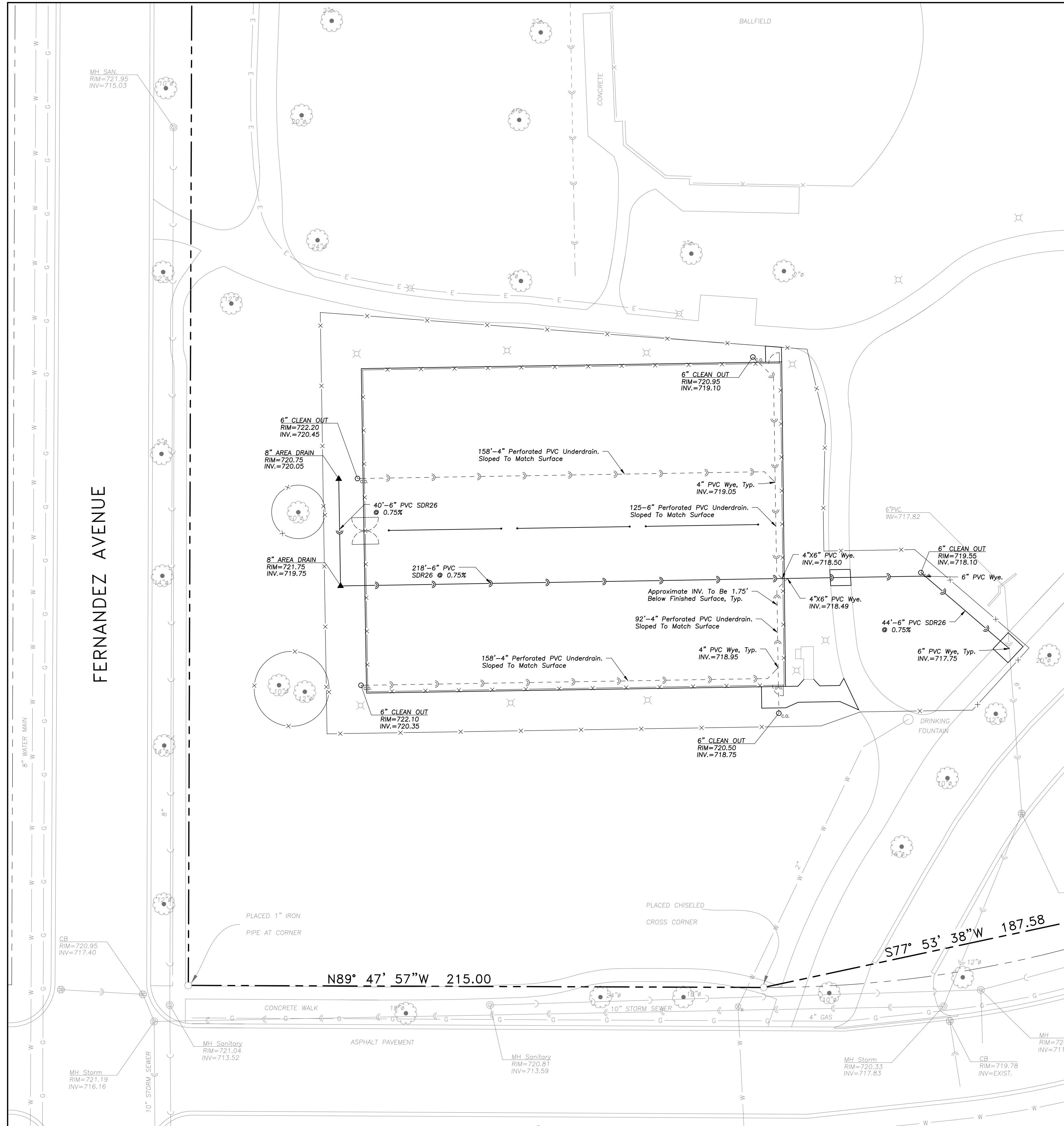
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Design By: NH Approved By: JC Date: 02/17/23

Sheet Title:
**SITE GEOMETRY
PLAN**

Sheet No:
C-H201



UTILITY NOTES

- Utility Service Lines as Shown Hereon are Approximate. Coordinate The Exact Locations With The Plumbing Drawings. Coordinate The Locations With The Plumbing Contractor and/or the Owner's Construction Representative Prior to Installation of Any New Utilities.
- Field Verify Invert & Locations of Existing Utility Mains Prior to Installing Any On-Site Utilities or Structures. All Elevations and Inverts Referencing Said Utility Shall Be Field Verified Prior to Installation of Any New Structures or Utilities, and Adjustments Shall Be Made as Necessary. Contact Engineer Prior to Installation if Discrepancy Exists With These Drawings.
- Coordinate the Relocation of Any Utilities Encountered And Replacement of Any Utilities Damaged Within Influence Zone of New Construction. Contact Engineer if The Existing Utilities Vary Appreciably From The Plans.
- Protection of water supplies shall be as described in Section 370.350 of the Illinois Recommended Standards for Sewage Works or Section 41-2.01 of the Standard Specifications for Water and Sewer Main Construction in Illinois, latest edition.
- Clean Out All Existing and Proposed Storm Inlets and Catch Basins at the Completion of Construction.
- The "Standard Specifications for Water and Sewer Main Construction in Illinois", Current Edition Shall Govern Work Where Applicable.

LEGEND

EXISTING	PROPOSED

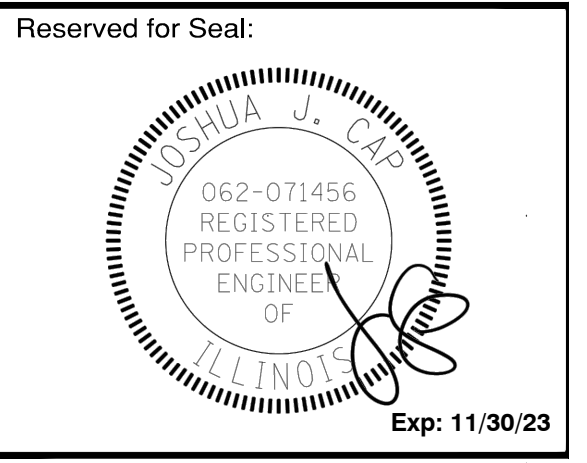
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**ARLINGTON HEIGHTS PARK DISTRICT
 RECREATION COURT IMPROVEMENTS**
 HERITAGE PARK
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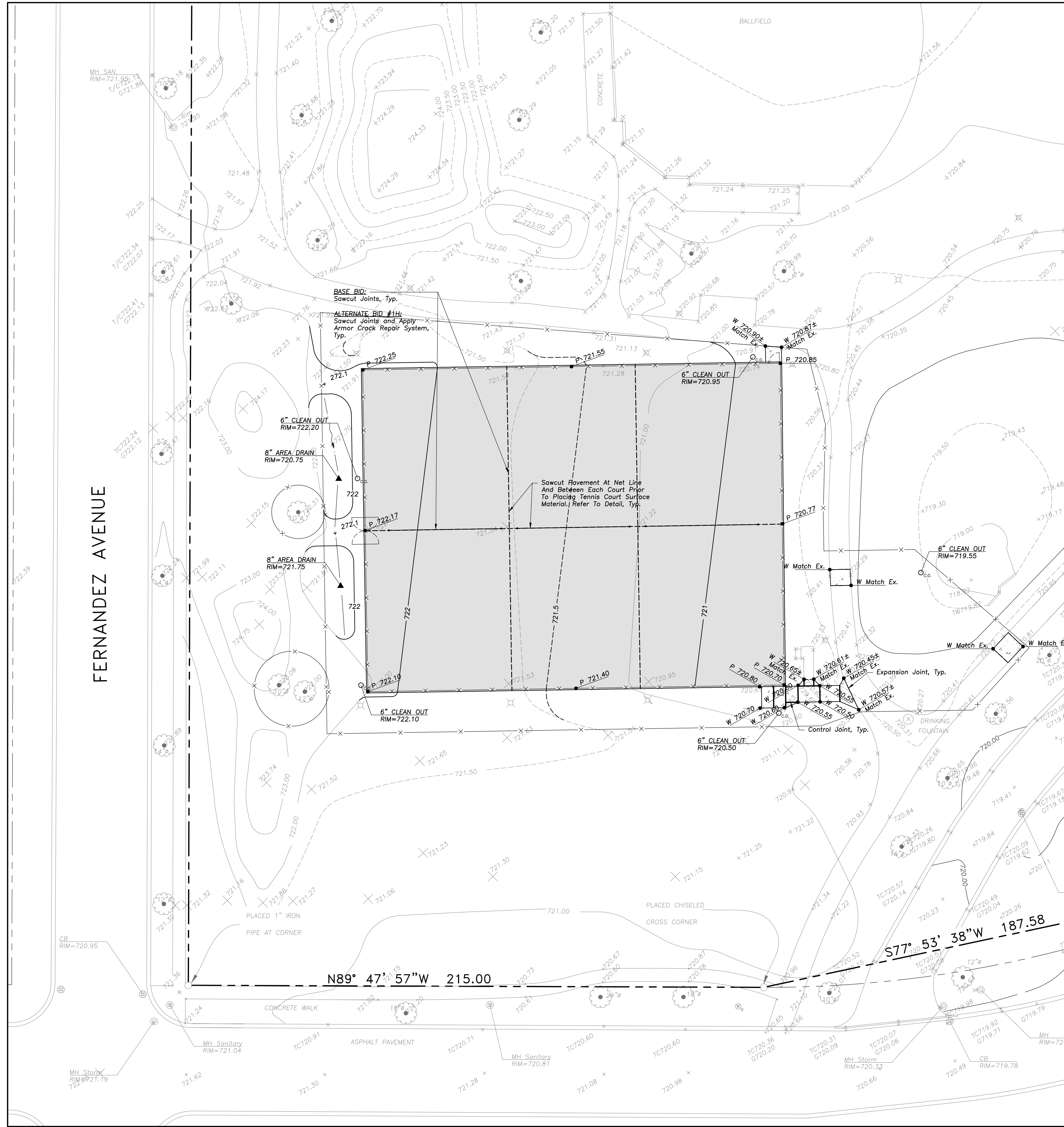
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Design By: NH Approved By: JC Date: 02/17/23

Sheet Title:
SITE UTILITY PLAN

Sheet No:
C-H301



PAVING & SURFACE LEGEND

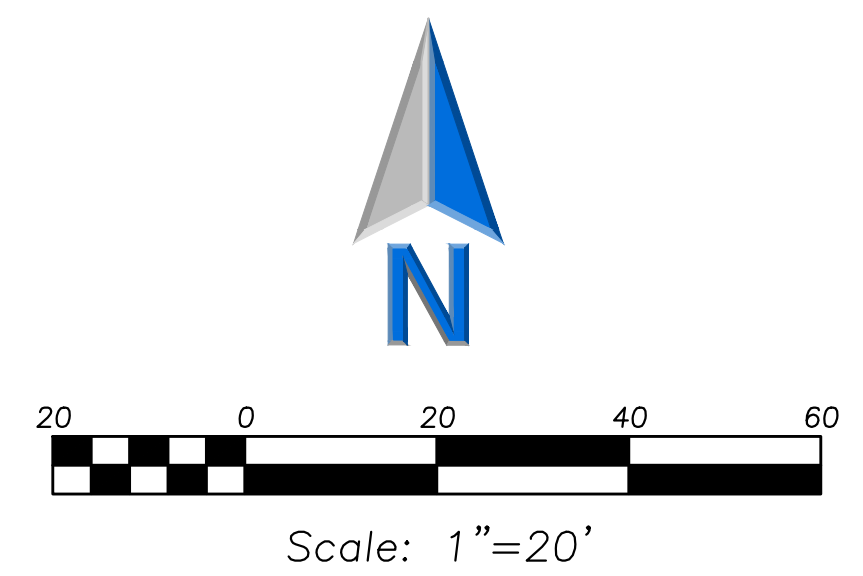
- Tennis Court Pavement Section (NO RECYCLED MATERIAL ALLOWED)**
 Surface Coating (Elite Sport Coating System Or Approved Equal)
 Inner Court Color: Dark Blue (Or Approved Equal)
 Outer Court Color: Light Green (Or Approved Equal)
 1 1/2" Hot Mix Asphalt, IL-9.5, N30, PG58-28 (Virgin Mix, NO RAP, RAS, FRAP)
 Tack Coat (0.25 gal/sq yd)
 Tensor GlasPave GP25 Waterproofing Paving Mat (Or Approved Equal)
 2 1/2" Hot Mix Asphalt, IL-19.0, N50, PG58-28 (Virgin Mix, NO RAP, RAS, FRAP)
 Prime Coat (0.25 gal/sq yd)
 8" Aggregate Base Course, Type B, Crushed (Minimum)
 Tensor Geogrid TX160 (Installed Per Manufacturers Specifications)
- Concrete Sidewalk Section**
 5" Portland Cement Concrete
 4" Aggregate Base Course, Type B, Crushed

GRADING NOTES

1. The Grading and Construction of Proposed Improvements Shall Be Done In A Manner Which Will Allow For Positive Drainage, and Not Cause Ponding of Stormwater on the Surface of Proposed Improvements.
2. All Landscaped Areas Disturbed By Construction Shall Be Respread With 6 Inches (Min.) to 12 Inches (Max.) Topsoil and Hydroseeded Unless Noted Otherwise On The Landscape Drawings.

TENNIS/PICKLEBALL COURT PAVING NOTES

1. No Recycled Content Shall Be Allowed in Hot Mix Asphalt Mixes for Tennis Court Paving.
2. Paving Shall Extend 6" Beyond Fence Post.
3. Cold Joints Shall Not Be Allowed in Tennis Court Areas. Contractor Shall Make Accommodations for Weather, Staffing, Number of Crews, and Any Other Measures as Needed.
4. Slope - Tennis Court Slope Shall Be Sloped No Greater Than 1.00%.
5. Planarity - Finished Court Elevation Shall Not Vary By More Than 3/8" From Designed Elevation Within the Primary Playing Area.
6. Evenness - Surface Shall Not Vary more than 1/4" in 10' When Measured in Any Direction Using a Straightedge.
7. Small Irregularities - No Deviation in the Asphalt Surface Shall be Greater Than 1/8" in 18".
8. Tennis Court Areas Shall be Prepared Utilizing Laser-Grading.



Scale: 1"=20'

LEGEND

- | EXISTING | PROPOSED |
|----------|----------|
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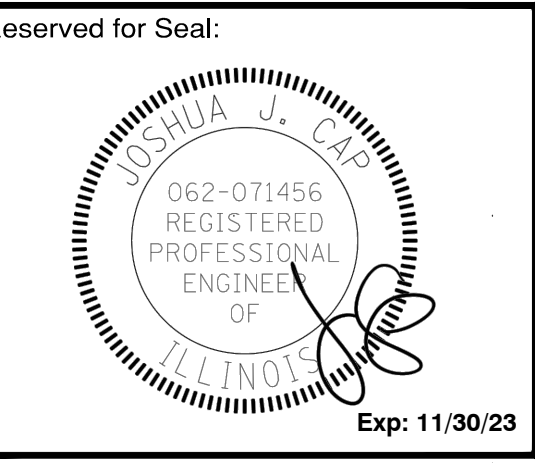
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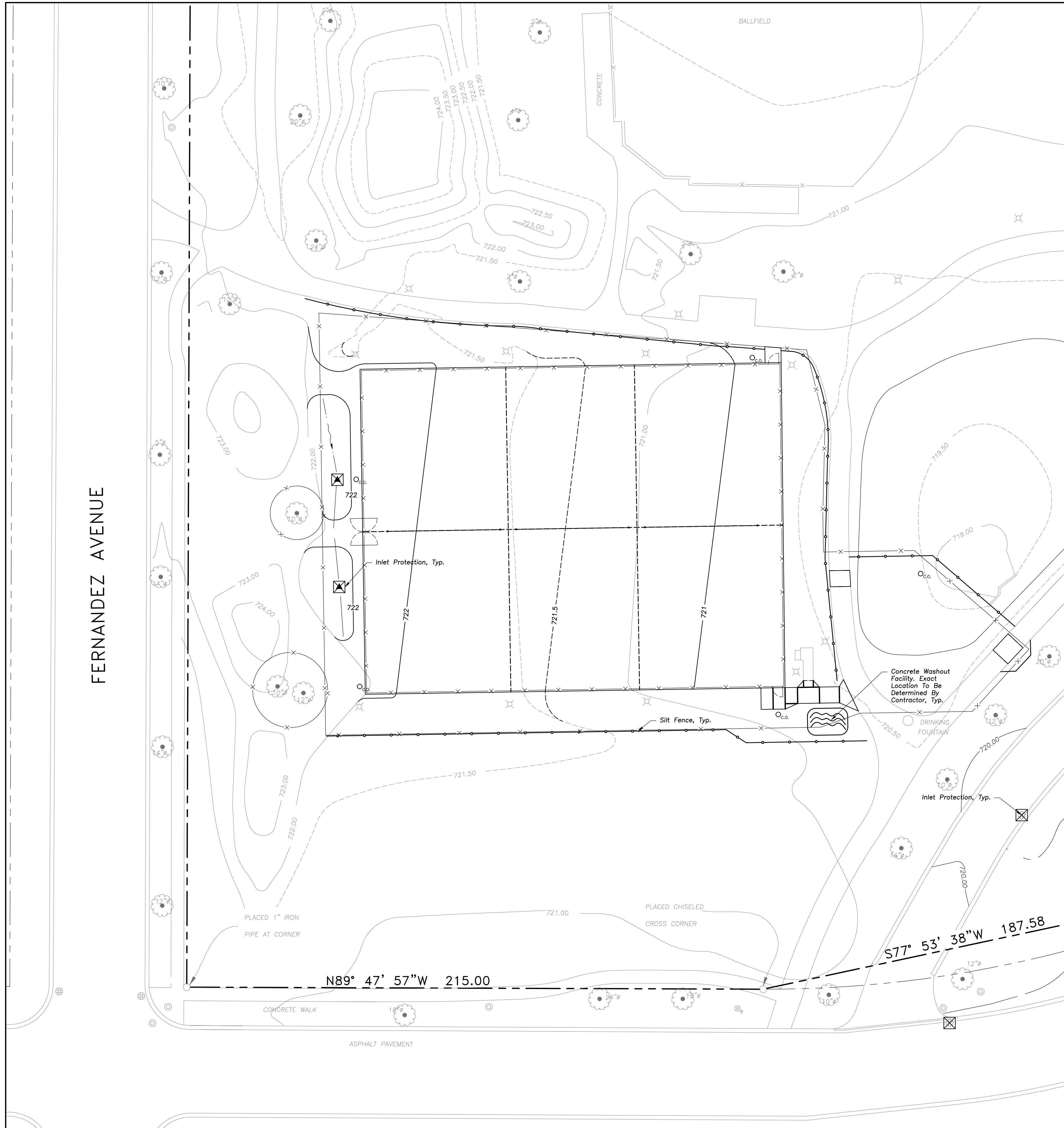


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SHEET TITLE:
GRADING AND PAVING PLAN

SHEET NO.:
C-H401

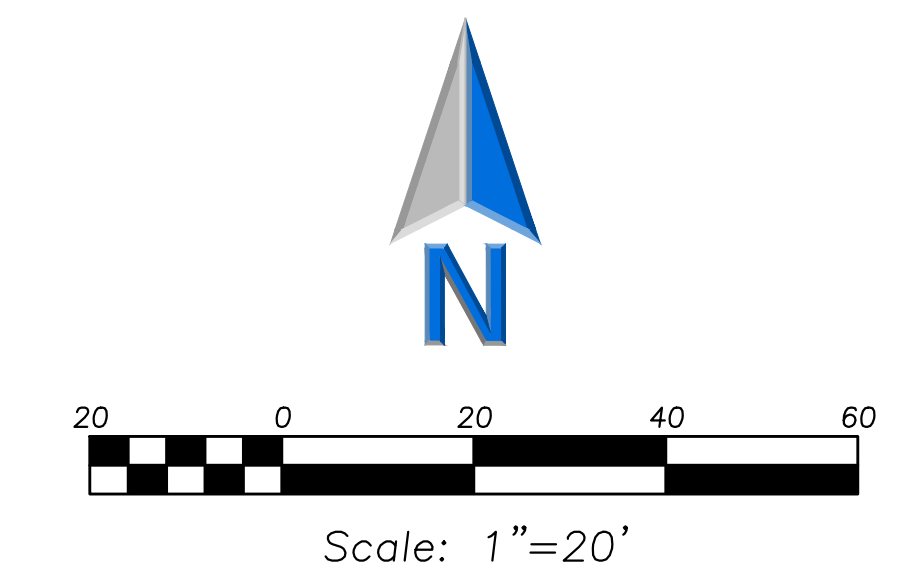


SOIL EROSION & SEDIMENTATION CONTROL LEGEND

- Silt Fence
- Catch-All, Pork Chop Sediguard (or equal) Paved or Existing Stabilized Areas

SOIL EROSION & SEDIMENTATION CONTROL NOTES

1. Illinois Urban Manual Shall Govern All Soil Erosion and Sediment Control, and Related Work.
2. Soil Disturbance Shall Be Conducted in Such a Manner as To Minimize Erosion. Soil Stabilization Measures Shall Consider the Time of Year, Site Conditions, and the Use of Temporary or Permanent Measures.
3. Soil Erosion and Sediment Control Features Shall Be Constructed Prior to the Commencement of Upland Disturbance.
4. Temporary Soil Stabilization Shall Be Applied to Topsoil Stockpiles and Disturbed Areas. Where Construction Activity Will Not Occur For A Period of More Than 14 Calendar Days, Temporary Measures Shall Be Applied Within 7 Calendar Days of the End of Active Hydrologic Disturbance. The Sediment Control Measures Shall Be Maintained On A Continuing Basis Until The Site is Permanently Stabilized And All Inspections Are Complete. Permanent Stabilization Shall Be Completed Within 14 Days after Completion of Final Grading of Soil.
5. All Temporary And Permanent Erosion Control Measures Shall Be Removed Within 30 Days After Final Site Stabilization is Achieved Or After The Temporary Measures Are No Longer Needed. Trapped Sediment And Other Disturbed Soil Areas Shall Be Permanently Stabilized.
6. Final Site Stabilization is Defined By The EPA General Permit as Meaning That All Soil Disturbing Activities At The Site Have Been Completed, And That A Uniform Perennial Vegetative Cover With A Density Of 70 Percent Of The Cover For Unpaved Areas Not Covered By Permanent Structures Has Been Established Or Equivalent Permanent Stabilization Measures (Such As The Use Of Riprap, Gabions, Or Geotextiles) Have Been Employed.
7. All Storm Sewer Structures That Are, Or Will Be, Functioning During Construction Shall Be Protected, Filtered, Or Otherwise Treated To Remove Sediment. The General Contractor Shall Use "Catch-All" Inlet Protectors (or equal) and Filter Watties Around The Grate In Landscaped Areas And "Catch-All" Inlet Protectors (or equal) In Paved Areas To Prevent Siltation.
8. All Temporary And Permanent Sediment And Erosion Control Measures Must Be Maintained, Repaired, And Inspected in Conformance With All Applicable IEPA-NPDES Phase II.
9. Following The Termination Of Construction Activities And Issuance Of The Required "Notice Of Termination", The Permittees Must Keep A Copy Of The Storm Water Pollution Prevention Plan, Inspection Reports, And Records Of All The Data Used To Complete The Notice Of Intent For A Period Of At Least Three Years Following Final Stabilization.
11. Contractor Shall Provide Qualified Soil Erosion and Sediment Control Inspector Services in Accordance with NPDES and Governmental Requirements. Inspections Shall Occur at Every Seven Calendar Days Or Within 24 Hours of a 0.5" or Greater Rainfall Event. Engineer Shall Be Copied on Inspection Logs.
12. The Erosion Control Measures Indicated On The Drawings Are The Minimum Requirements. Additional Measures May Be Required As Directed By The Qualified Soil and Erosion Sediment and Control Inspector Or Governing Agency.
13. Report Releases of Reportable Quantities of Oil or Hazardous Materials If They Occur in Accordance with IEPA NPDES Requirements.
14. All Concrete Washout Shall Conform To The "Temporary Concrete Washout Facility" Standards (Code 954) of the Illinois Urban Manual, Latest Edition.
15. If Necessary, The SWPPP Shall Be Modified To Reflect Changes Required During The Effective Period Of The IEPA NPDES General Permit No ILR10 and Local and County Permits.
16. Dewatering of Excavations Shall be Performed in a Manner Such as Through the use of Filter Bags or Polymer Treated Dewatering Swales, so as to Not Discharge Sediment Laden Water into Storm Sewers Tributary to Open Water.



LEGEND

- | EXISTING | PROPOSED |
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GENERAL NOTES

1. The Location of Existing Underground Utilities, Such As Watermains, Sewers, Gas Lines, Etc., As Shown On The Plans, Has Been Determined From The Best Available Information and is Given For The Convenience of The Contractor. However, The Owner and The Engineer Do Not Assume Responsibility In The Event That During Construction, Utilities Other Than Those Shown May Be Encountered, and That The Actual Location of Those Which Are Shown May Be Different From The Location As Shown On The Drawings. Contact Engineer Immediately If Surface and/or Subsurface Features Are Different Than Shown On The Drawings.
2. Notify The Engineer Without Delay of Any Discrepancies Between the Drawings and Existing Field Conditions.
3. Contractor Shall Provide Private Utility Locating Services for the Project Area.
4. Notify The Owner, Engineer and The Village A Minimum of 48 Hours in Advance of Performing Any Work.
5. All Areas, On or Off Site, Disturbed During Construction Operations and Not Part of the Work as Shown Hereon Shall Be Restored To Original Condition to the Satisfaction of the Owner at No Additional Cost to the Owner. It is Incumbent Upon Contractor to Show That Damaged Areas Were Not Disturbed by Construction Operations.
6. These Drawings Assume That The Contractor Will Utilize An Electronic Drawing File (DWG) to Stake All Site Improvements Accordingly. Contractor Shall Re-Establish Horizontal Control. Horizontal Control Points Not Provided.
7. No Person May Utilize The Information Contained Within These Drawings Without Written Approval From Eriksson Engineering Associates, Ltd.
8. The Engineer is Furnishing These Drawings For Construction Purposes As A Convenience To The Owner, Architect, Surveyor, or Contractor. Prior To The Use Of These Drawings For Construction Purposes, The User Of This Media Shall Verify All Dimensions And Locations Of Buildings With The Foundation Drawings And Architectural Site Plan, and Coordinate All Dimensions and Locations of All Site Items. If Conflicts Exist The User Of This Information Shall Contact The Engineer Immediately.
9. The Illinois Department Of Transportation Standard Specifications For Road And Bridge Construction Latest Edition, And All Addenda Thereto, Shall Govern The Earthwork And Paving Work Under This Contract Unless Noted Otherwise.

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 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184-003220
 EXPIRES: 04/30/2023

**ARLINGTON HEIGHTS PARK DISTRICT
 RECREATION COURT IMPROVEMENTS**
HERITAGE PARK
506 WEST VICTORIA LANE
ARLINGTON HEIGHTS, ILLINOIS

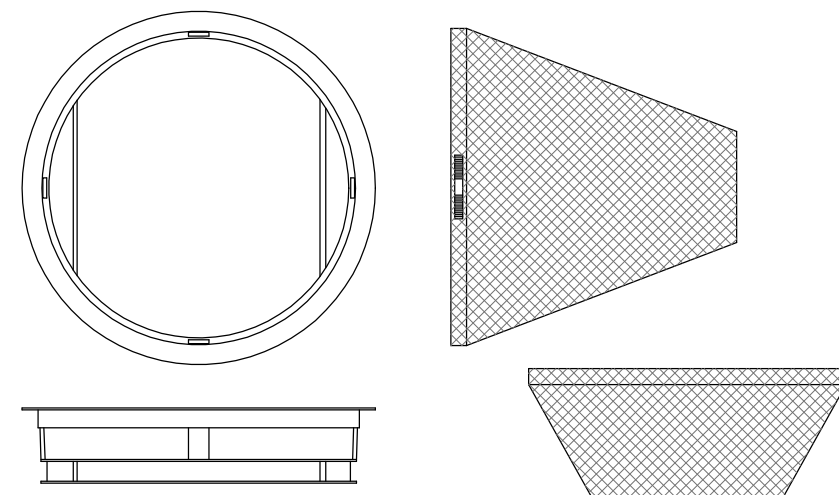
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Design By: NH	Approved By: JC	Date: 02/17/23

Sheet Title:
SITE EROSION AND SEDIMENT CONTROL PLAN

Sheet No:
C-H501



General Notes:

Use Marathon Materials, Inc., "Catch-All" Inlet Protectors Or Approved Equal. Inlet Protector Types Shall Be Selected to Fit Frame and Grate of Open Lid Structures to Be Protected. www.marathonmaterials.com

Frame: Top Flange Fabricated From 1 1/4" X 1 1/4" X 1/8" Angle. Base Rim Fabricated From 1 1/2" x 3/4" x 1/8" Channel. Handles And Suspension Brackets Fabricated From 1 1/2" x 1/2" Flat Stock. All Domestic Steel Conforming To ASTM-A36

Sediment Bag: Bag Fabricated From 4 Oz./sq.yd. Non-woven Polypropylene Geotextile Reinforced With Polyester Mesh. Bag Secured To Base Rim With A Stainless Steel Strap And Lock.

Install Baskets in All Existing Storm Inlets Prior To Construction And All New Storm Inlets Immediately After Installation. Contractor Shall Maintain Throughout Construction Activities.

INLET PROTECTORS – SEDIMENT BAG

GENERAL NOTES

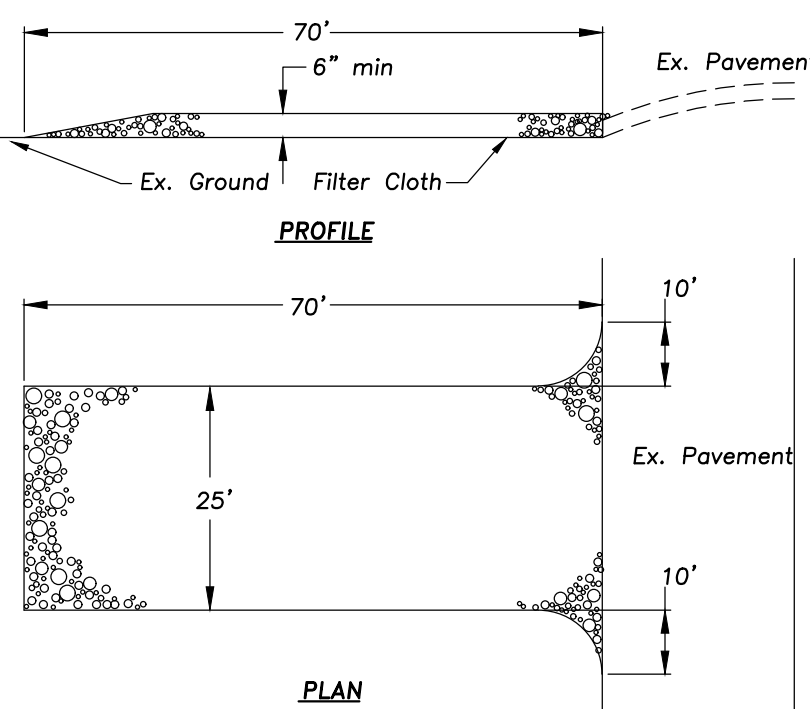
STONE SIZE – Use IDOT gradation CA-1 aggregate stone.

MAINTENANCE – The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or clean-out of any measures used to trap sediment. All sediment spilled, dropped, washed, or tracked onto public rights-of-way must be removed immediately.

FILTER CLOTH – Will be placed over the entire area prior to placing stone. Conform to Illinois Urban Manual Section 592, Type I, II, or IV.

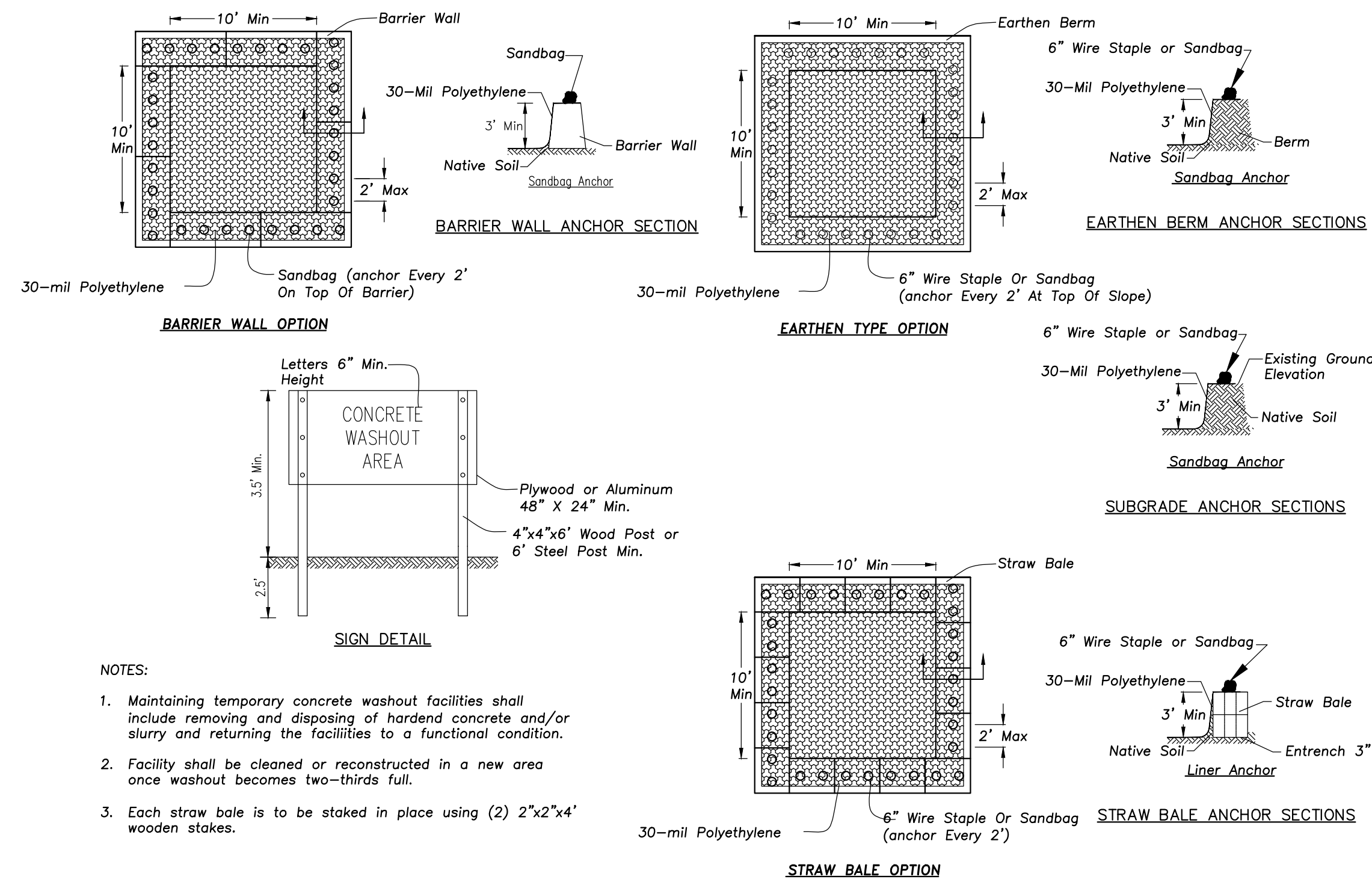
WASHING – Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.

Periodic inspection and needed maintenance shall be provided after each rain.



STABILIZED CONSTRUCTION ENTRANCE

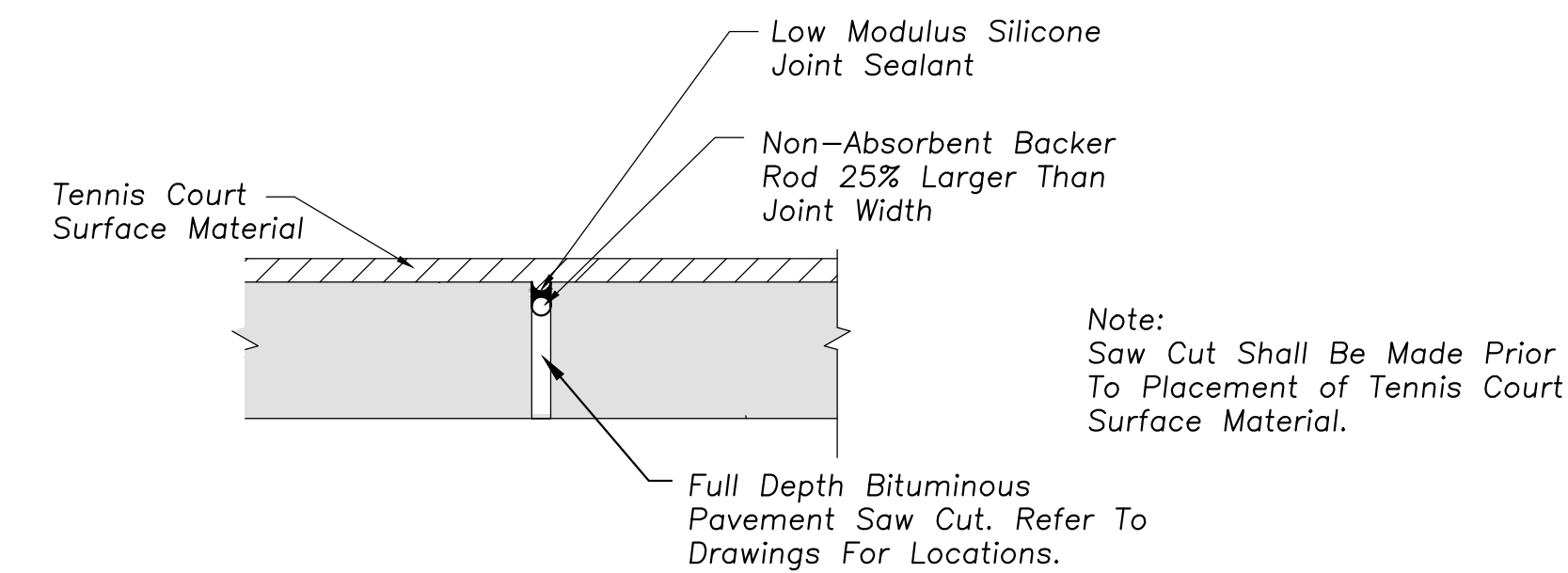
NOT TO SCALE



NOTES:

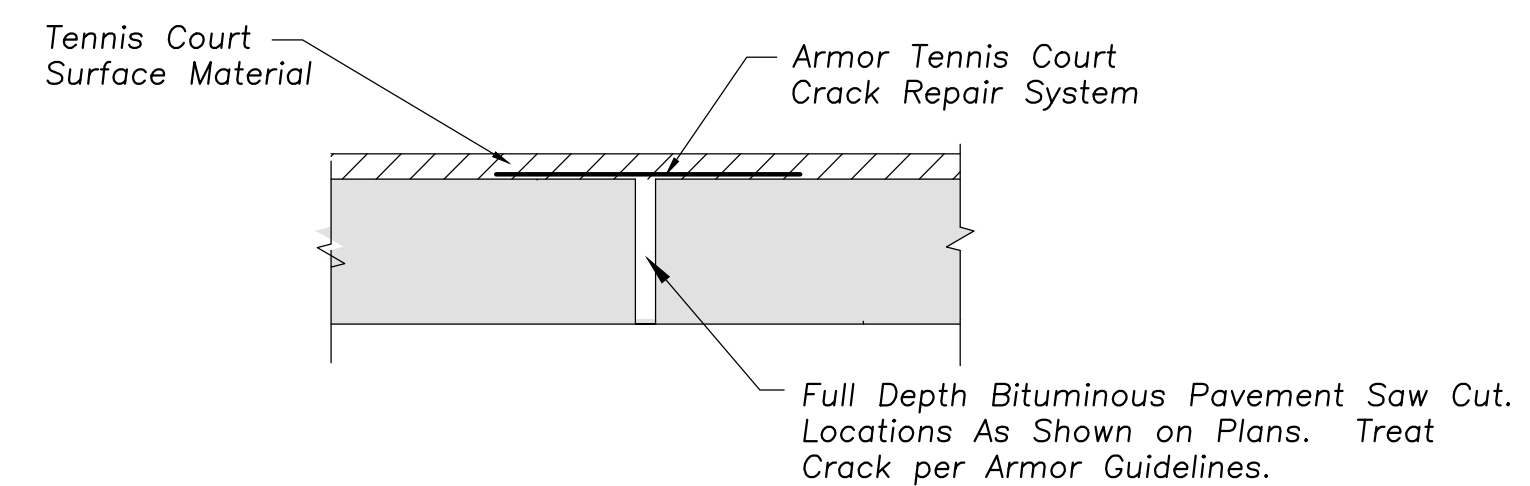
- Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
- Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.
- Each straw bale is to be staked in place using (2) 2"x2"x4" wooden stakes.

CONCRETE WASHOUT FACILITY

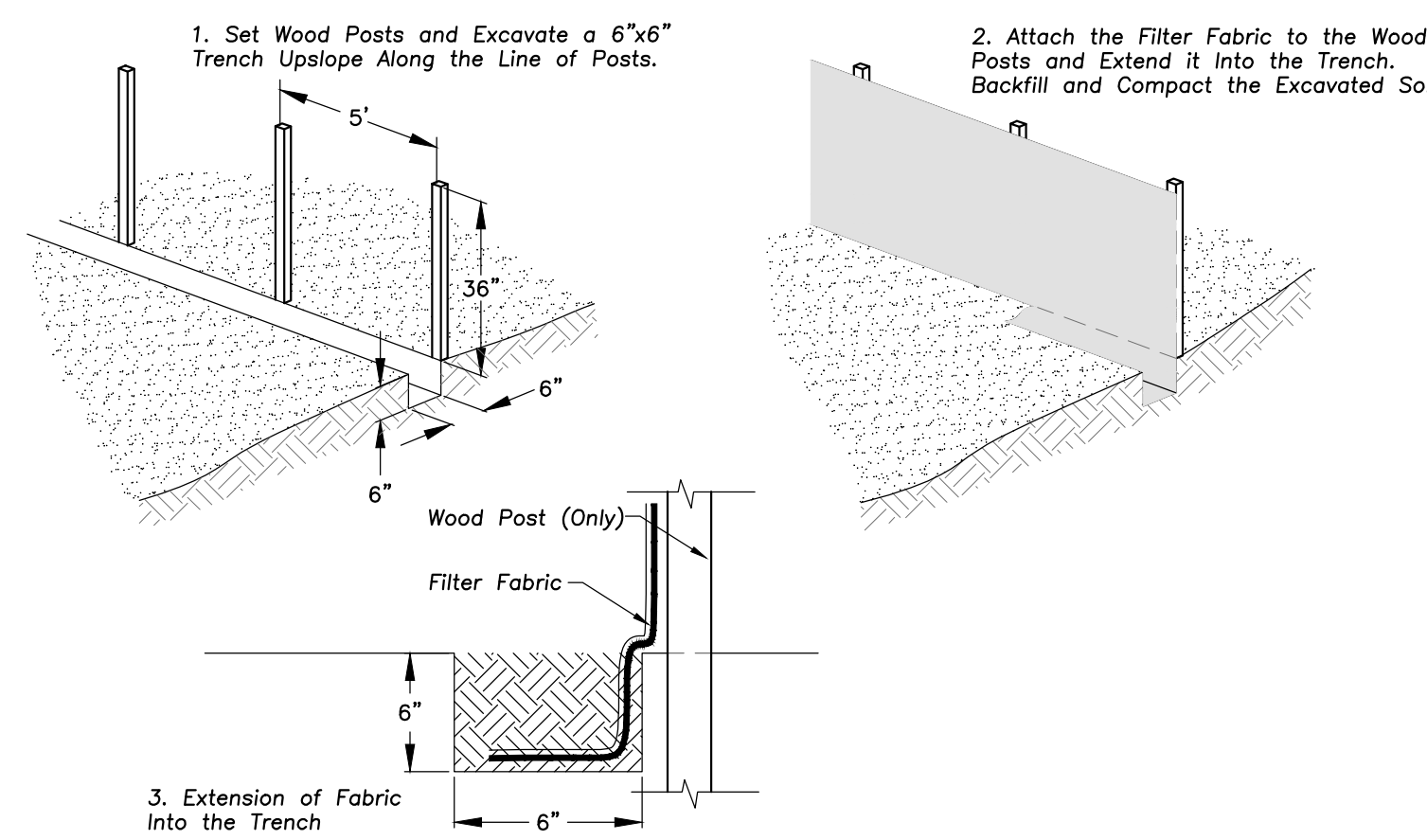


Note: Saw Cut Shall Be Made Prior To Placement of Tennis Court Surface Material.

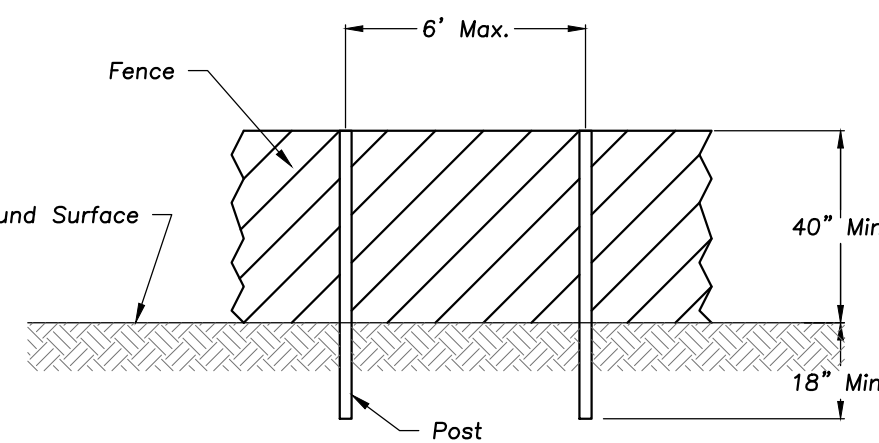
**BASE BID:
TENNIS COURT SAWCUT
JOINT DETAIL**



**ALTERNATE BID #1H:
TENNIS COURT SAWCUT JOINT
WITH ARMOUR
CRACK REPAIR
DETAIL**



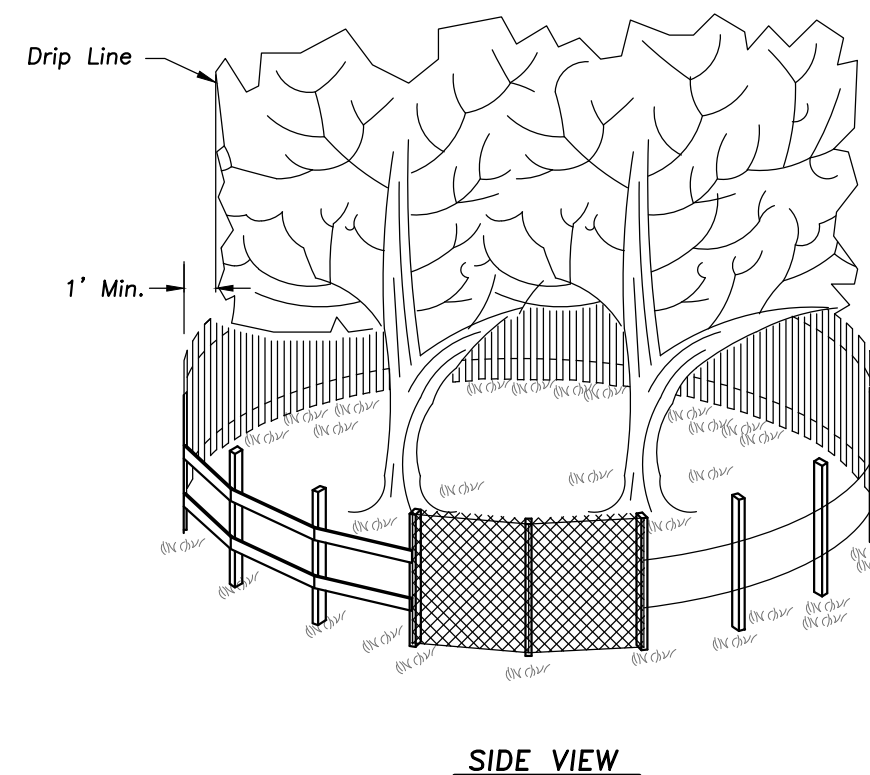
SILT FENCE CONSTRUCTION (AASHTO 288-00)



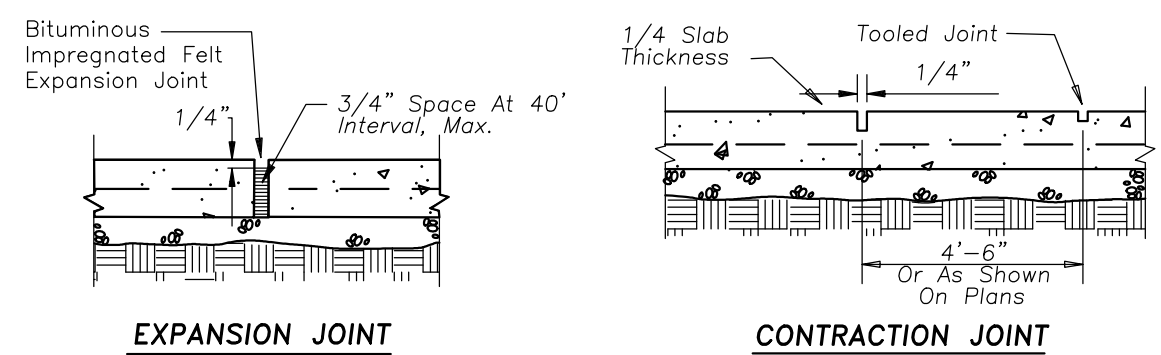
POST AND FENCE DETAIL

- NOTES:**
- The fence shall be located a minimum of 1 foot outside the drip line of the tree to be saved and in no case closer than 5 feet to the trunk of any tree.
 - Fence posts shall be either standard steel posts or wood posts with a minimum cross sectional area of 3.0 sq. in.
 - The fence may be either 40" high snow fence, 40" plastic web fencing or any other material as approved by the engineer/inspector.

TREE PROTECTION FENCE

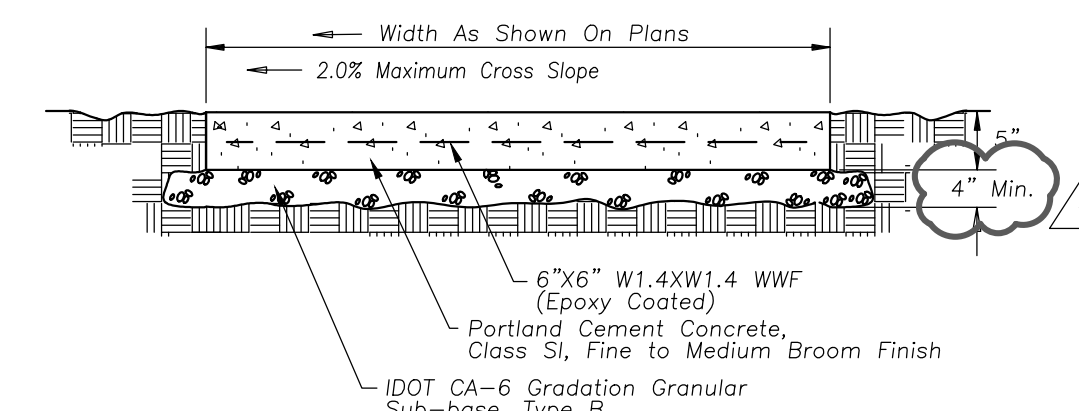


TREE PROTECTION FENCE



EXPANSION JOINT

CONTRACTION JOINT



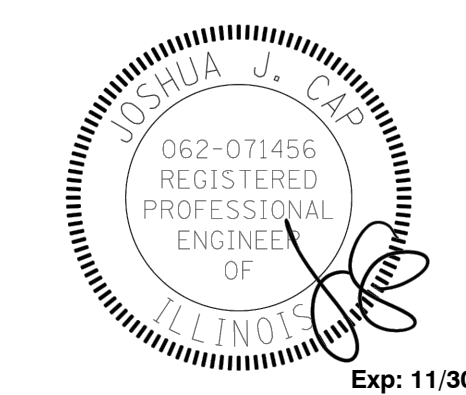
PORTLAND CEMENT CONC. SIDEWALK



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RECREATION COURT IMPROVEMENTS
HERITAGE PARK
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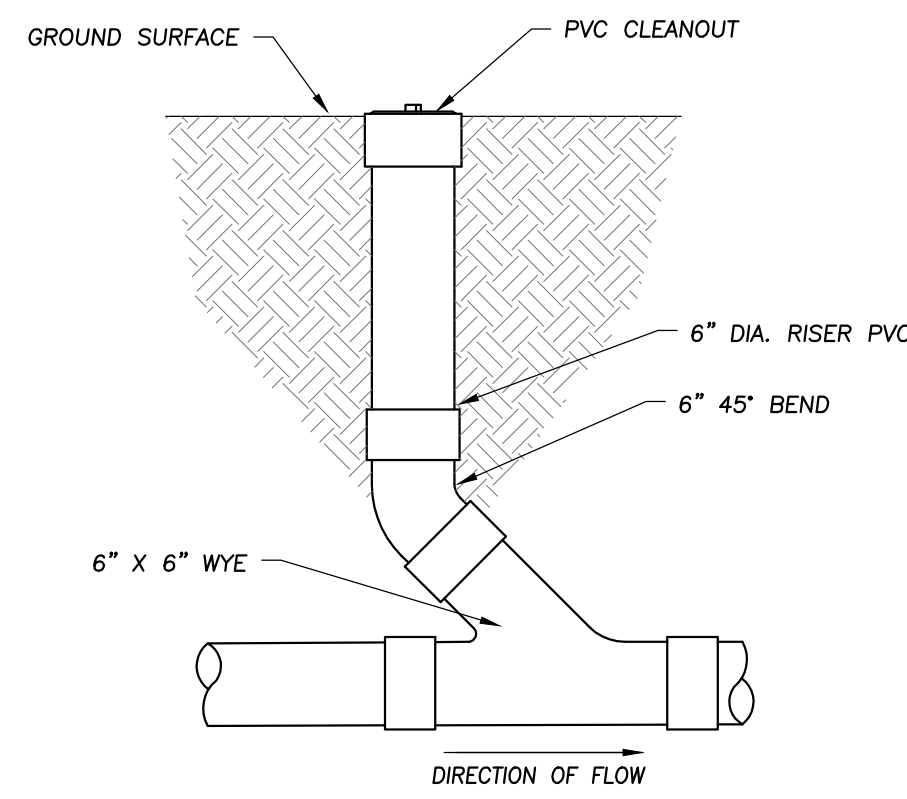
Design By: NH Approved By: JC Date: 02/17/23

Sheet Title:

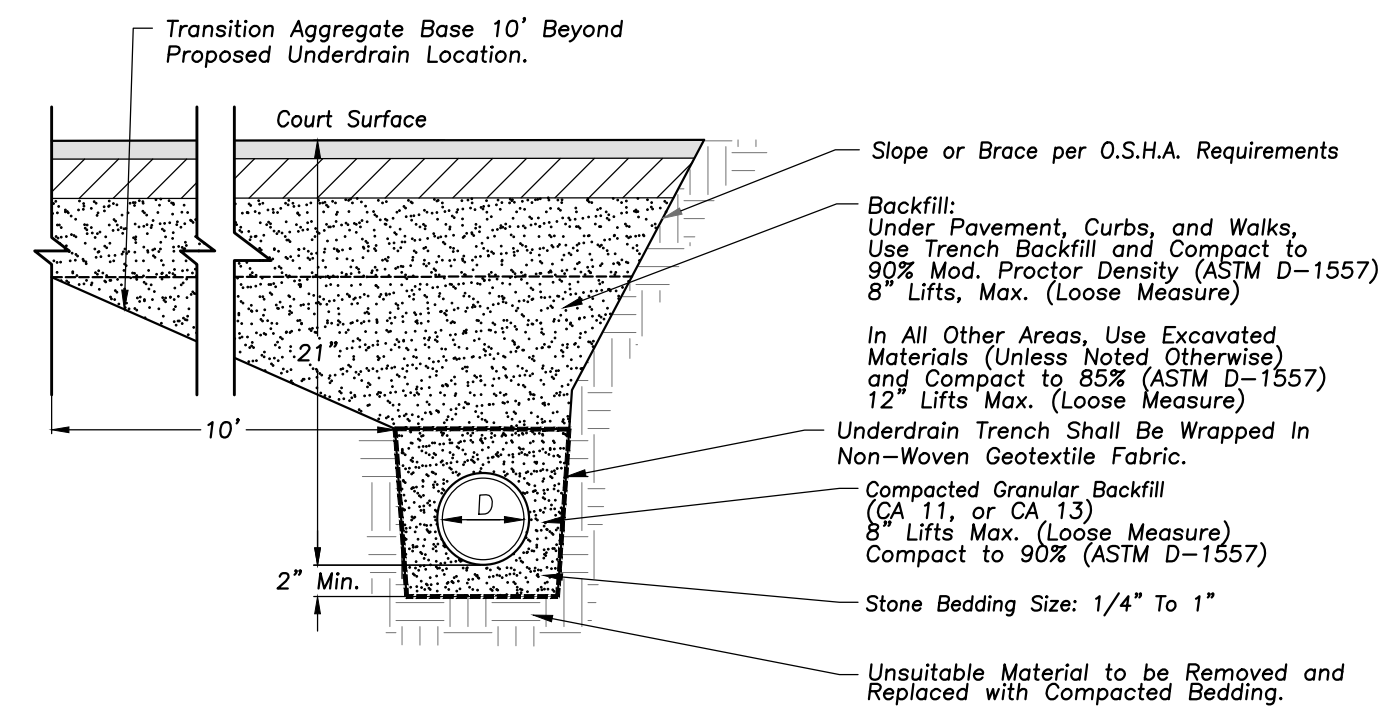
**SITE WORK
DETAILS**

Sheet No.:

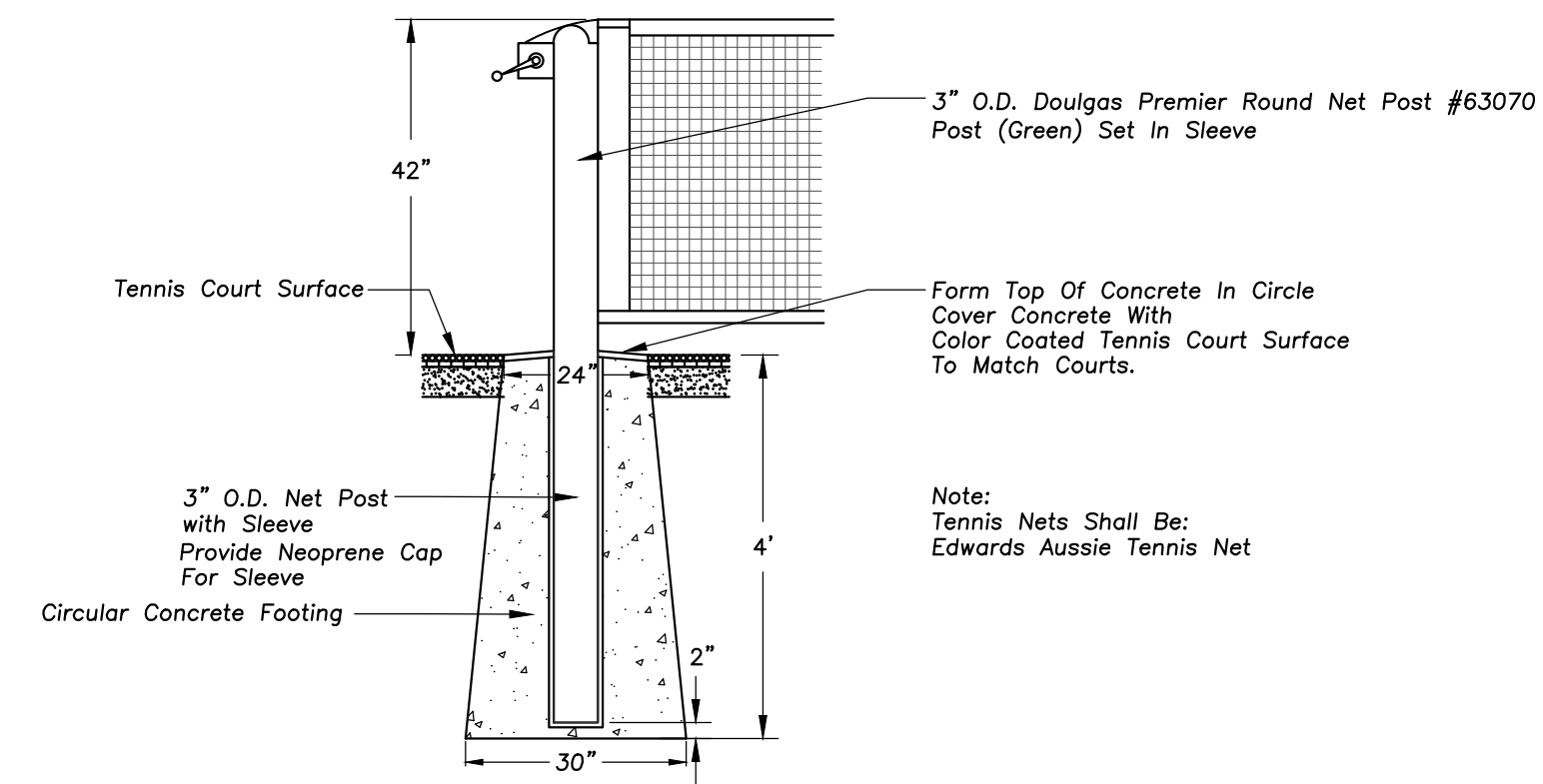
C-H601



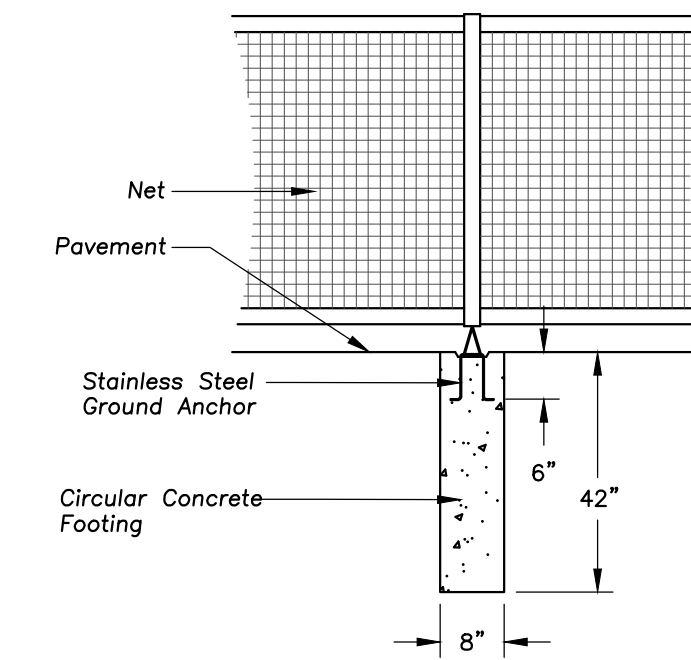
PVC CLEANOUT



PVC UNDERDRAIN-TRENCH SECTION



TENNIS NET POST



TENNIS NET ANCHOR

Section 2722

Engineered Surface Drainage Products

GENERAL
PVC surface drainage inlets shall be of the inline drain type as indicated on the contract drawing and referenced within the contract specifications. The ductile iron grates for each of these fittings are to be considered an integral part of the surface drainage inlet and shall be furnished by the same manufacturer. The surface drainage inlets shall be as manufactured by Nyloplast a division of Advanced Drainage Systems, Inc., or prior approved equal.

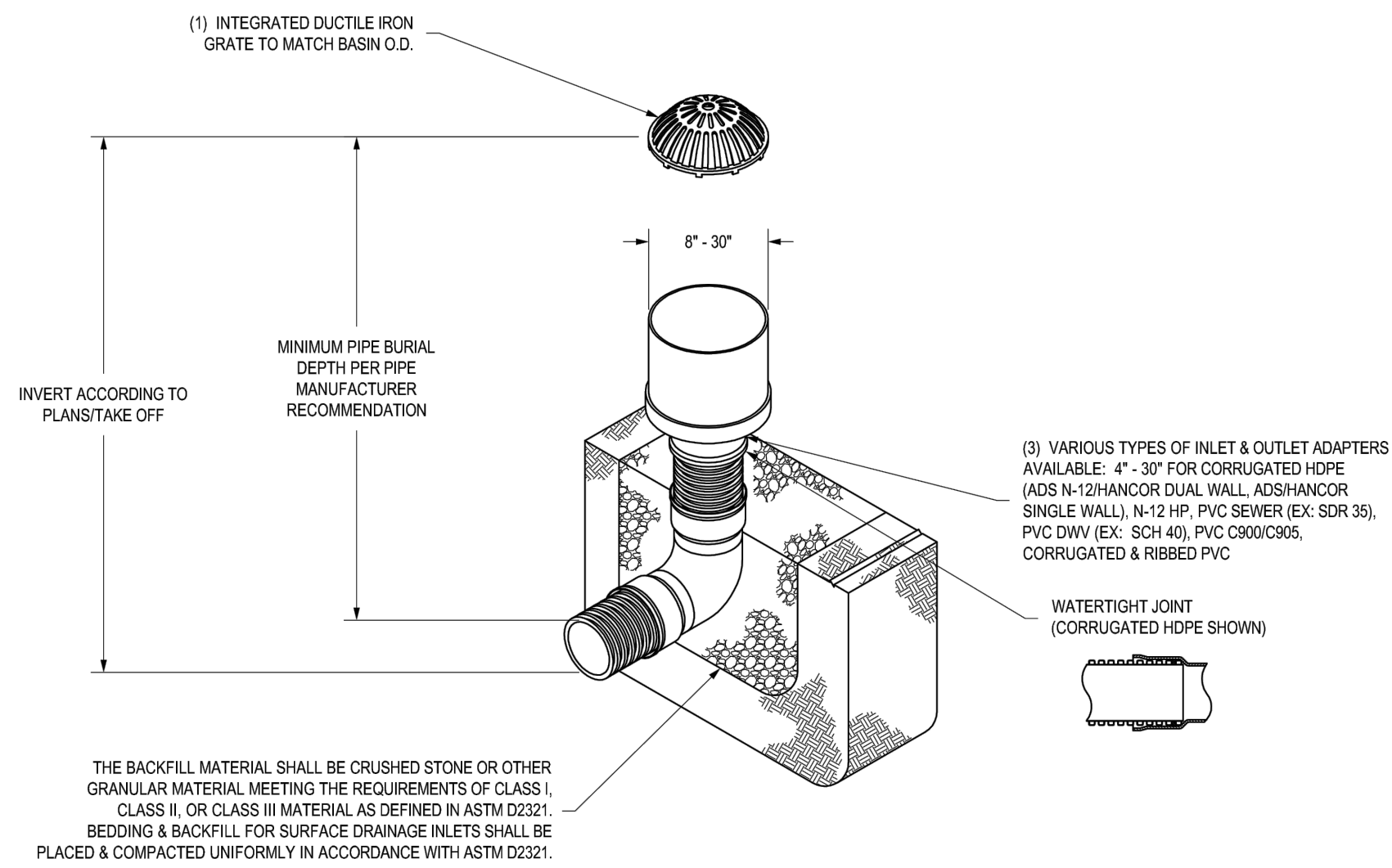
MATERIALS
The inline drain required for this contract shall be manufactured from PVC pipe stock, utilizing a thermo-molding process to reform the pipe stock to the furnished configuration. The drainage pipe connection stubs shall be manufactured from PVC pipe stock and formed to provide a watertight connection with the specified pipe system. This joint tightness shall conform to ASTM D3212 for joints for drain and sewer plastic pipe using flexible elastomeric seals. The flexible elastomeric seals shall conform to ASTM F477. The pipe ball spigot shall be joined to the inline drain body by use of a swage mechanical joint. The raw material used to manufacture the pipe stock that is used to manufacture the inline drain body and pipe stubs of the surface drainage inlets shall conform to ASTM D1784 cell class 12454.

The grates furnished for all surface drainage inlets shall be ductile iron grates for sizes 8", 10", 12", 15", 18", 24" and 30" shall be made specifically for each fitting so as to provide a round bottom flange that closely matches the diameter of the surface drainage inlet. Grates for inline drains shall be capable of supporting H-20 wheel loading for traffic areas or H-10 loading for pedestrian areas. 12" and 15" square grates will be hinged to the frame using pins. Metal used in the manufacture of the castings shall conform to ASTM A536 grade 70-50-05 for ductile iron. Grates shall be provided painted black.

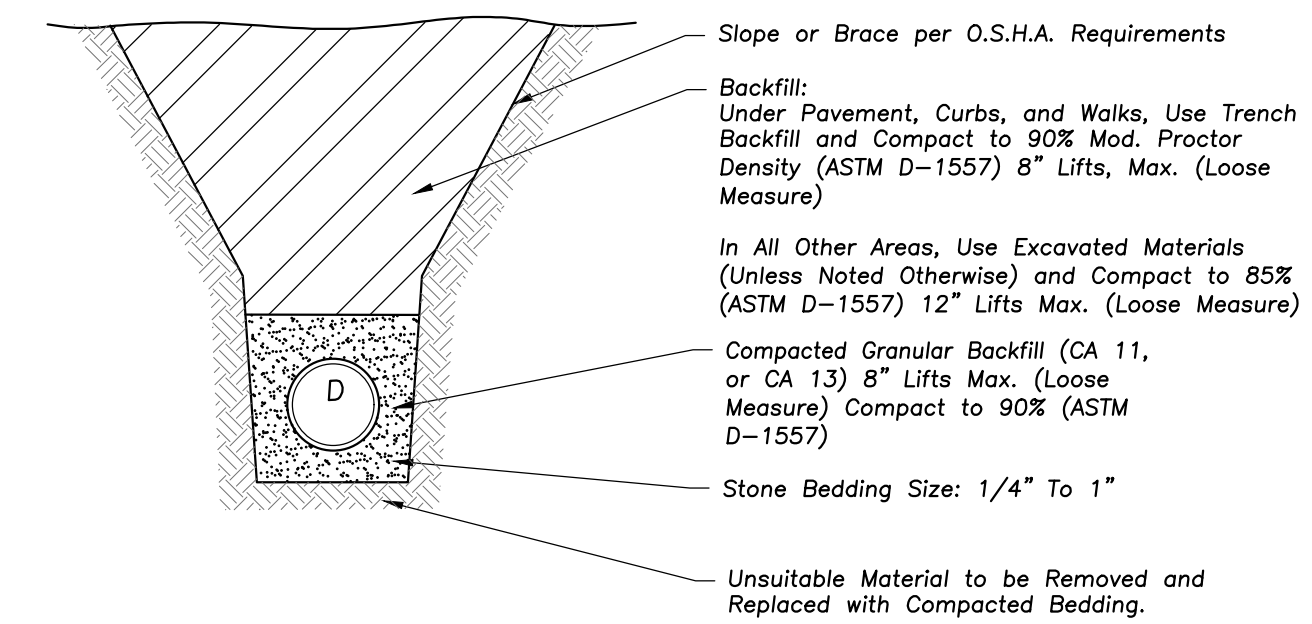
INSTALLATION
The specified PVC surface drainage inlet shall be installed using conventional flexible pipe backfill materials and procedures. The backfill material shall be crushed stone or other granular material meeting the requirements of class 1, class 2, or class 3 material as defined in ASTM D2321. Bedding and backfill for surface drainage inlets shall be well placed and compacted uniformly in accordance with ASTM D2321. The drain basin body will be cut at the time of the final grade. No brick, stone or concrete block will be required to set the grate to the final grade height. For H-20 load rated installations, a concrete ring will be poured under and around the grate and frame. The concrete slab must be designed taking into consideration local soil conditions, traffic loading, and other applicable design factors. For other installation considerations such as migration of lines, ground water, and soft foundations refer to ASTM D2321 guidelines.

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TITLE: 8 IN - 30 IN INLINE DRAIN SPECIFICATIONS		

NYLOPLAST INLINE DRAIN WITH DOME GRATE

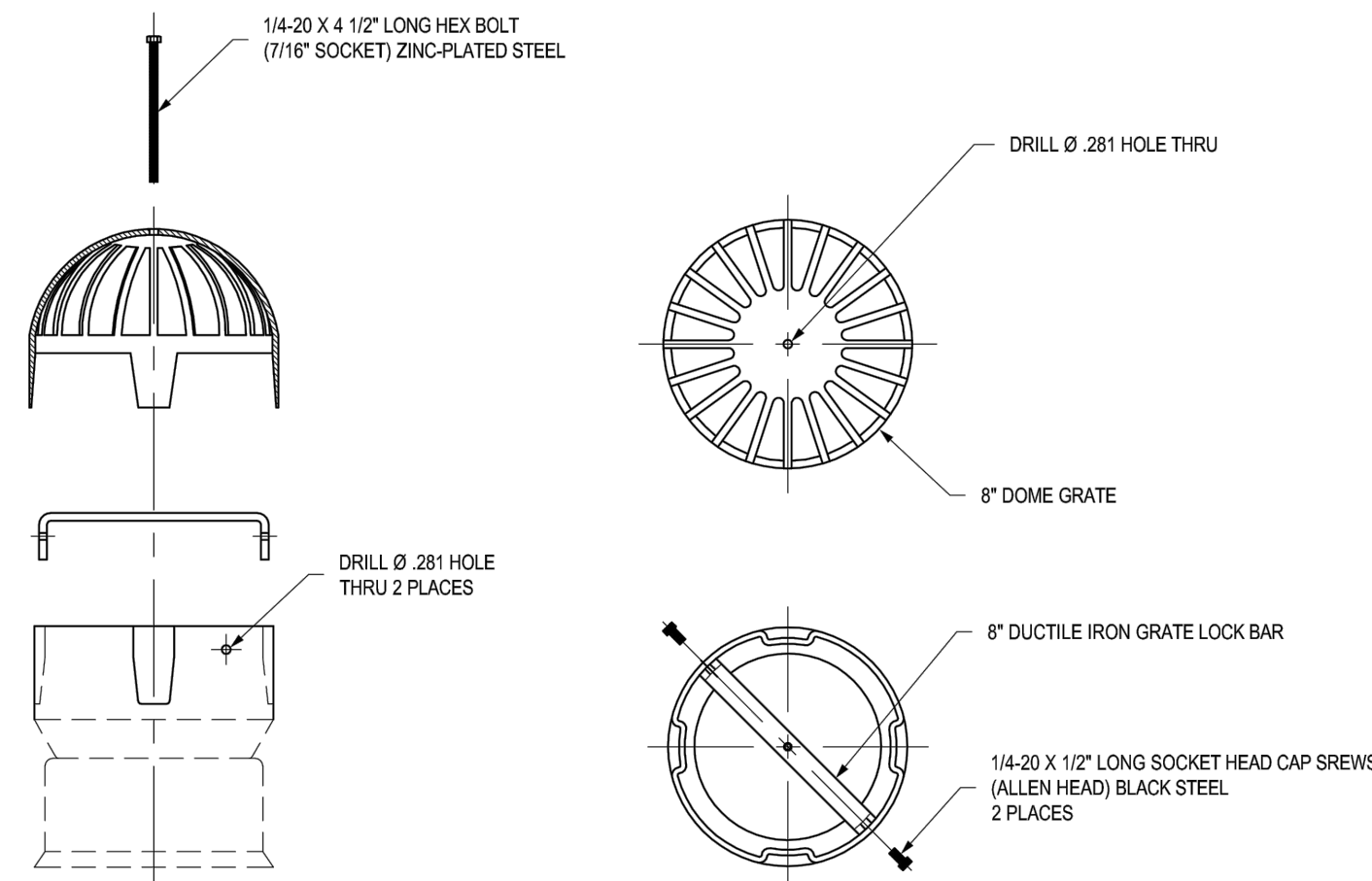


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TITLE: 8 IN - 30 IN INLINE DRAIN WITH DOME GRATE QUICK SPEC INSTALLATION DETAIL		



TRENCH SECTION-PVC PIPE

0899CGDL



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TITLE: 8 IN DOME LOCKING GRATE ASSEMBLY		

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RECREATION COURT IMPROVEMENTS
HERITAGE PARK
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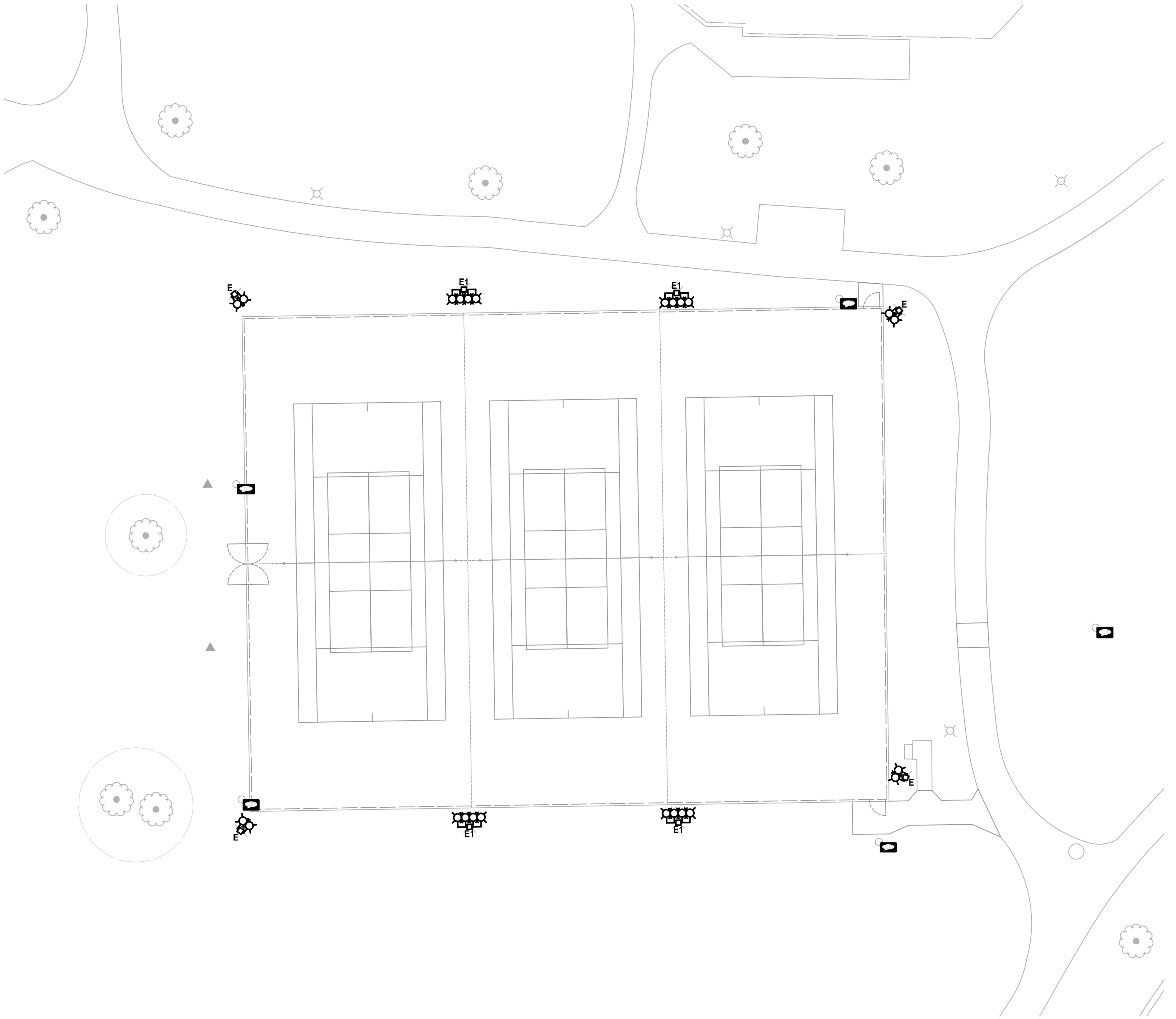
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DESIGN BY: NHH	APPROVED BY: JC	DATE: 02/17/23
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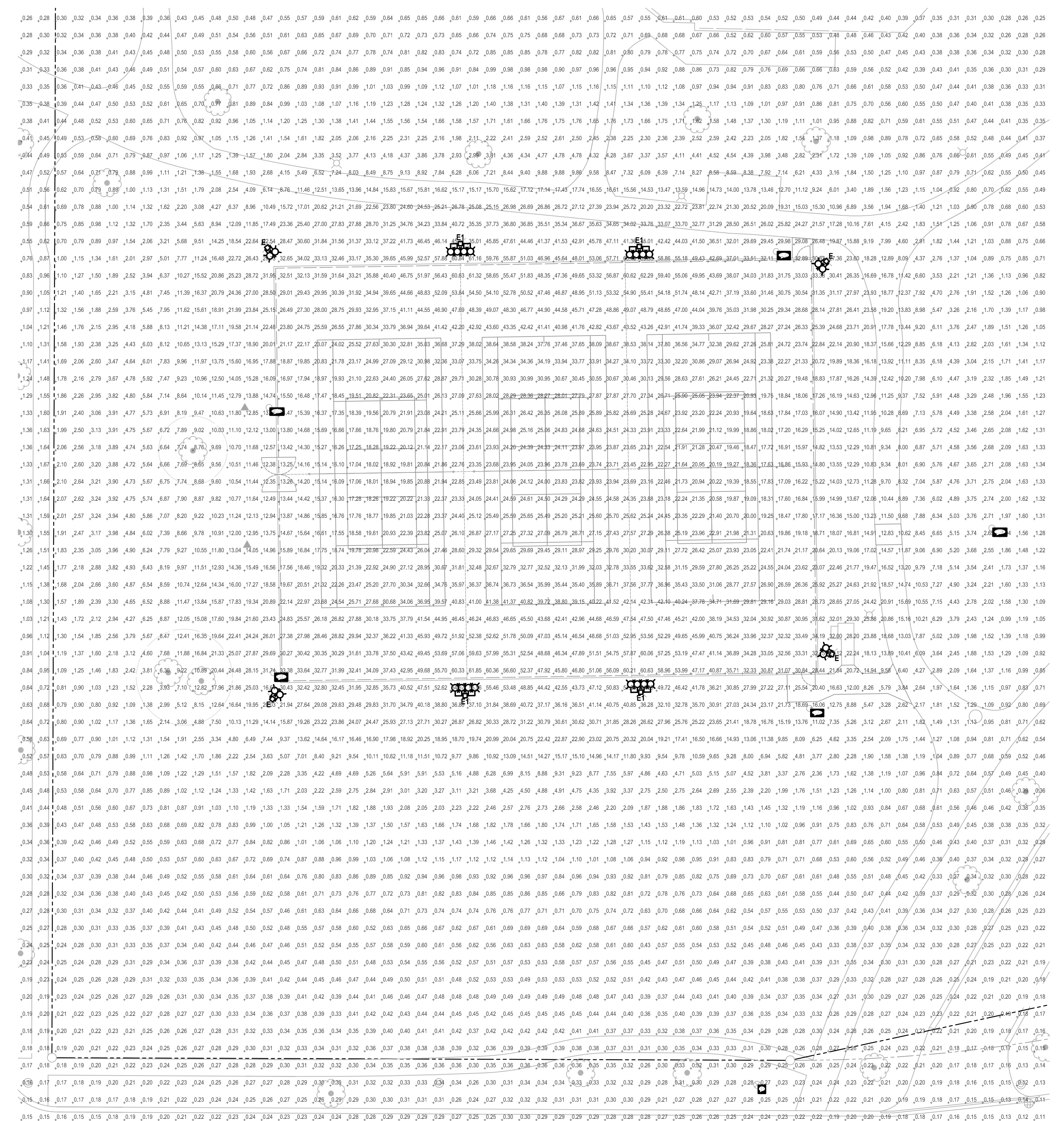
Sheet Title:
SITE WORK DETAILS

Sheet No.:
C-H602



ELECTRICAL SITE PLAN
SCALE: 1"=20'-0"

- NOTES:**
- E.C. TO REUSE EXISTING LIGHTING CIRCUIT AND LIGHTING CONTROL CURRENTLY FEEDING EXISTING LIGHTING.
 - E.C. TO PROVIDE NEW POLE AND LUMINAIRES. E.C. TO MATCH EXISTING POLE HEIGHT AND COLOR. PROVIDE NEW CONCRETE BASE IF REQUIRED. FIELD VERIFY EXISTING CONDITIONS.



PHOTOMETRIC SITE PLAN
SCALE: 1"=20'-0"

- LIGHTING ANALYSIS NOTES:**
- AVERAGE FOOTCANDLES: 26.20
 - MAXIMUM FOOTCANDLES: 41.52
 - MINIMUM FOOTCANDLES: 16.09
 - MAXIMUM/MINIMUM RATIO: 2.6:1
 - AVERAGE/MINIMUM RATIO: 1.6:1

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**DAVID B.
KORNACKI
062.052986**

Date: 05/24/23
Lic. Exp.: 11/30/23

No.	Date	Description
	03/07/23	ISSUE FOR PERMIT & BID
	05/24/23	PERMIT REVIEW COMMENTS

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DESIGNED BY: S.M.B. APPROVED BY: D.B.K. DATE: 03/07/23

Sheet Title:
ELECTRICAL SITE PLAN

Sheet No.:
E101

Project Type (From ab	Project Category (From Above)	Media File #/Name	Project Category Cost	ADA Portion of Project Catej	% ADA Dollars Requested
Routes and Surfaces	Elevators		154000	30800	20.00%
Routes and Surfaces	Athletic Surfaces		167500	25125	15.00%
Routes and Surfaces	Play Surface		33000	4950	15.00%
Routes and Surfaces	Elevators		187000	37400	20.00%
Recreation Facilities a	Playgrounds		165000	24750	15.00%
Routes and Surfaces	Play Surface		360000	72000	20.00%

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Total Project Cost	1066500
Total ADA Portion of Project Cost	195025
Total % of ADA Dollars Requested	18.29%