

# Dugdale Park Renovation

1525 W Dugdale Rd, Waukegan, Illinois 60085



Waukegan Park District

1324 Golf Road  
Waukegan, Illinois 60087



**uplandDesign Ltd**

Landscape Architecture & Park Planning  
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SURVEYING & CIVIL ENGINEER:

IMEG Corporation  
4850 Grand Avenue  
Gurnee, Illinois 60031  
IL License 184-002429



sustainability performance design

ARCHITECT:

Legat Architects  
1125 Tri-State Parkway  
Suite 730  
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ELECTRIC ENGINEER,  
MECHANICAL & PLUMBING:

20  
10 Engineering Group, LLC  
1216 Tower Road  
Schaumburg, Illinois 60173  
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1324 Golf Road  
Waukegan, Illinois 60087  
Phone: 847-360-4700

PROJECT

## Dugdale Park Renovation

1525 W Dugdale Rd, Waukegan, Illinois 60085

This project has been prepared by and reviewed by Licensed Landscape Architects.  
Michelle A. Kelly # 157.001002  
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ORIGINAL ISSUE DATE

**Issue for BID** 17DEC2024

REVISIONS

NO.	DATE	DESCRIPTION
NOT FOR CONSTRUCTION		

PROJECT NUMBER **1262**

PROJECT NAME

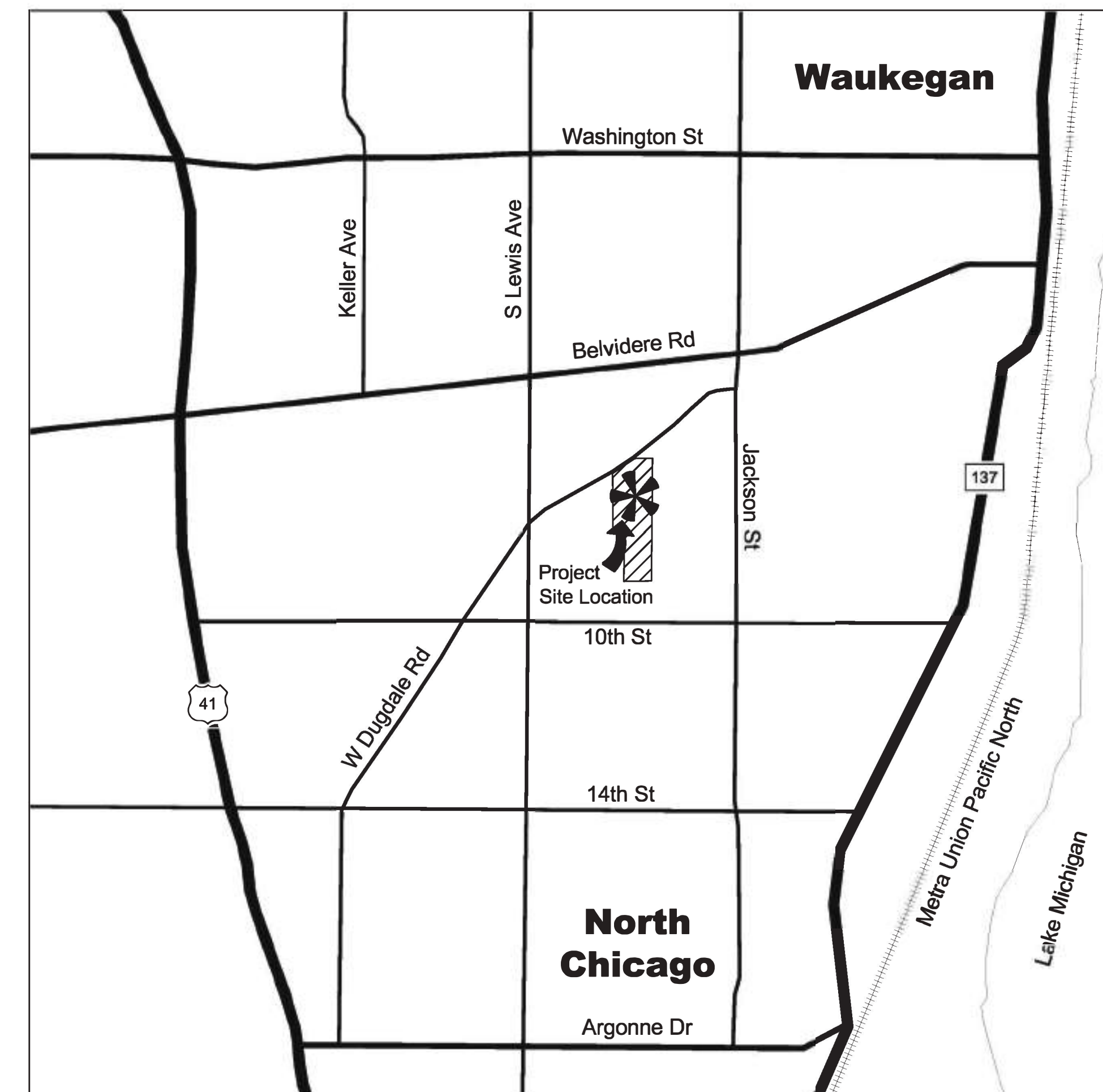
## Dugdale Park Renovation

SHEET TITLE

## Title Sheet

SHEET NUMBER

**1.0**



LOCATION MAP

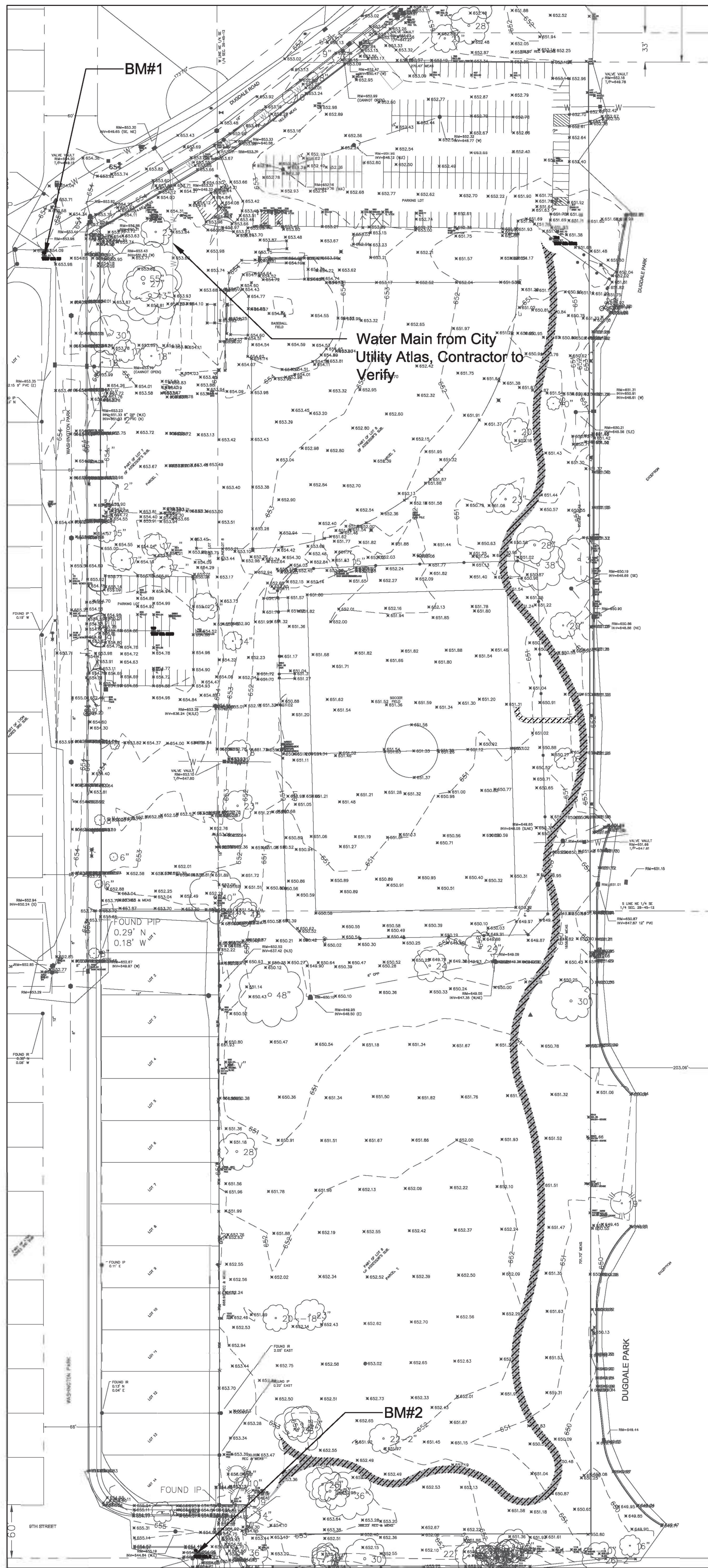
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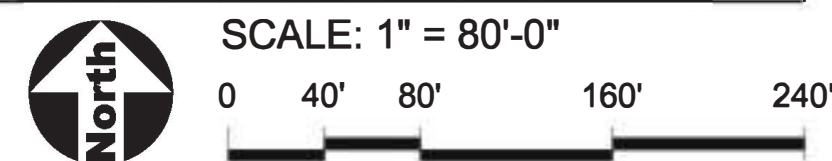
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4.5	Dimension Plan - Basketball Enlargement	P-101	Toilet Room Plumbing Plans
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5.1	Grading Plan - Middle	P-301	Plumbing Schedule and Details
5.2	Grading Plan - South	ES-100	Electrical Site Plan
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5.4	Grading Plan - Baseball, Splash Pad & Shelter Enlargement	E-201	Electrical Details
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		E-302	Symbols, Abbreviations, and Specifications

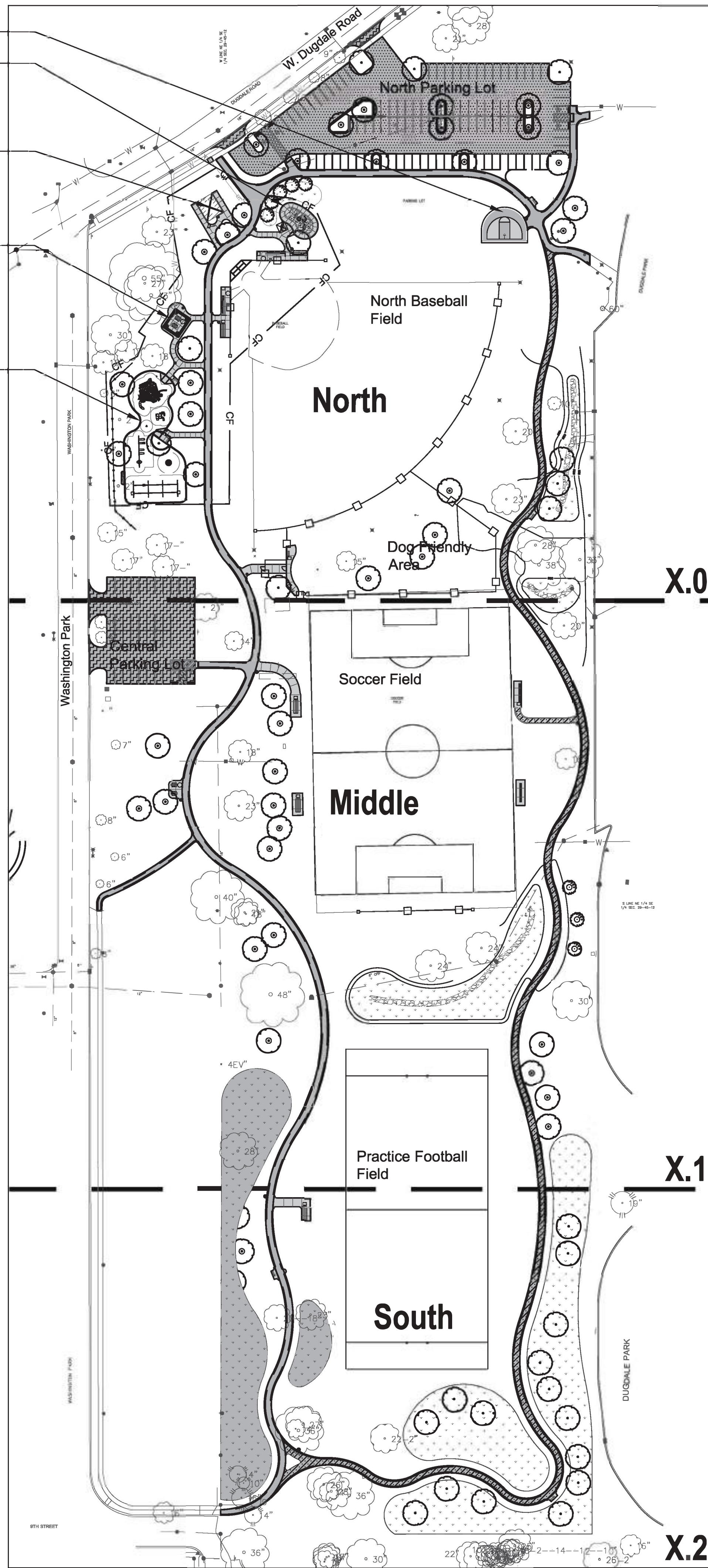




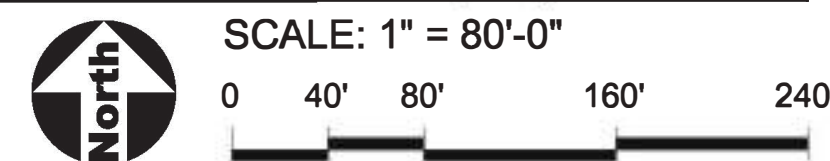
Survey Key Plan



- Half Basketball Court
- Splash Pad
- Restroom Building
- Shelter
- Playground



Proposed Key Plan



GENERAL NOTES: EXISTING CONDITIONS & REMOVALS

1. The Contractor is to locate all utilities, public and private, prior to beginning construction. Contractor will be responsible for any damages to utilities caused by their work. Contact J.U.L.I.E. 72 hours prior to construction at 1-800-982-0123 or (811) for location of utilities and contractor shall be responsible for protection of the same.
2. Site conditions are shown based upon available information, contractor to verify all existing conditions prior to bidding.
3. The contractor shall be responsible for the protection of all private utilities even though they may not be shown on the plans. Any utility damaged during the construction shall be repaired or replaced to the satisfaction of the Owner at the contractor's expense. No tree shall be planted within 10 lateral feet of any underground waterline, sewer line, transmission line or other utility.
4. Contours and elevations shown hereon are referenced to the North American vertical datum of 1988 (navd88)
5. A Topographic Survey was completed for the Owner by: IMEG Corp. 4850 Grand Avenue Gurnee, Illinois 60031 Phone: 847-336-7100
6. The Contractor shall walk the site prior to submitting a bid to be fully familiar with site conditions.
7. The Contractor shall protect and preserve all section, property or survey reference markers.
8. Tree Protection Fence to be installed as shown on plans and details prior to beginning construction. (incidental to cost). Do not drive, store equipment or materials within dripline of existing trees that are to be saved. Hold necessary disturbance to a minimum.
9. Contractor will be held responsible for damage to items not scheduled for removal.
10. Contractor shall repair or replace all damaged sidewalks, curbs or paving to remain in place that were damaged as a result of work stated in contract documents.
11. No excavations are to be left open to foul weather, rain, snow, etc. which would necessitate further excavation and additional sub grade materials.
12. Work site safety is the responsibility of the Contractor.
13. Vehicular Construction access shall be at one location to minimize damage. Construction access shall be approved by the Owner's representative.
14. Construction Limits: Construction Limits are as noted on plans. Do not store equipment or stockpile materials outside of construction limits. Any areas disturbed as a result of construction shall be restored to lawn or other surface by contractor to match pre-construction condition.
15. Topsoil may be stockpiled for redistribution as needed. Topsoil that is not used for regrading along the path shall be spread in areas directed by the park district to create level areas. Debris and plant material to be removed off site and disposed of legally. Park district to be responsible for seeding and blanketing the additional areas not disturbed by construction. Excess clay soil and/or rocky soil shall be removed off site and disposed of legally.
16. Construction fence shall be installed prior to beginning construction. Construction fence to be free standing chainlink. (incidental to contract).
17. Place erosion control measures as required to eliminate sedimentation into non-construction areas and as shown on plans and details prior to beginning construction.
18. Before beginning work at the site and throughout the course of the work contractor to inspect and verify the location and condition of every item affected by the work under this contract and report discrepancies to the Owner's Representative before beginning work.
19. Should discrepancies appear among the contract documents or between the contract documents and existing conditions, the contractor shall request an interpretation from the Owner's Representative before bidding. If the contractor fails to make such requests, it is presumed that both provisions were included in the bid, and the Owner's Representative shall determine which of the conflicting requirements shall govern. The contractor shall perform the work at no additional cost to the Owner in accordance with the Owner's Representative determination. Where conflicts exist between or within the contract documents between and applicable standards, codes, ordinances or manufacturers recommendations, and clarification has not been requested from the Owner's Representative prior to bidding as provided for above, the more stringent or higher quality standard shall prevail. Large scale drawings shall take precedence over small scale drawings, figured dimensions on the drawings over scaled dimensions and noted material over graphic representations.
20. The contractor shall provide all work and materials which any section or part of the drawings, specifications or conditions require them to provide, regardless of whether such requirement is or is not faithfully repeated in other parts of the documents thereof to which the provisions might be appropriate.
21. All necessary site work permits will be obtained by Owner. Contractor and all subcontractors shall register and pay associated fees to the Building Department. Contractor is responsible for following permit requirements including coordination of inspections and/or reinspections and associated fees.
22. Contractor shall follow all permit requirements as part of the project.

Project Benchmark

BM#1:  
Location: CHISELED X IN SIDEWALK AT CORNER OF 9TH STREET AND WASHINGTON PARK  
Elevation: 659.66

BM#2:  
Location: CHISELED X IN SIDEWALK AT SOUTHWEST CORNER OF WASHINGTON PARK AND DUGDALE ROAD  
Elevation: 654.51



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REVISIONS

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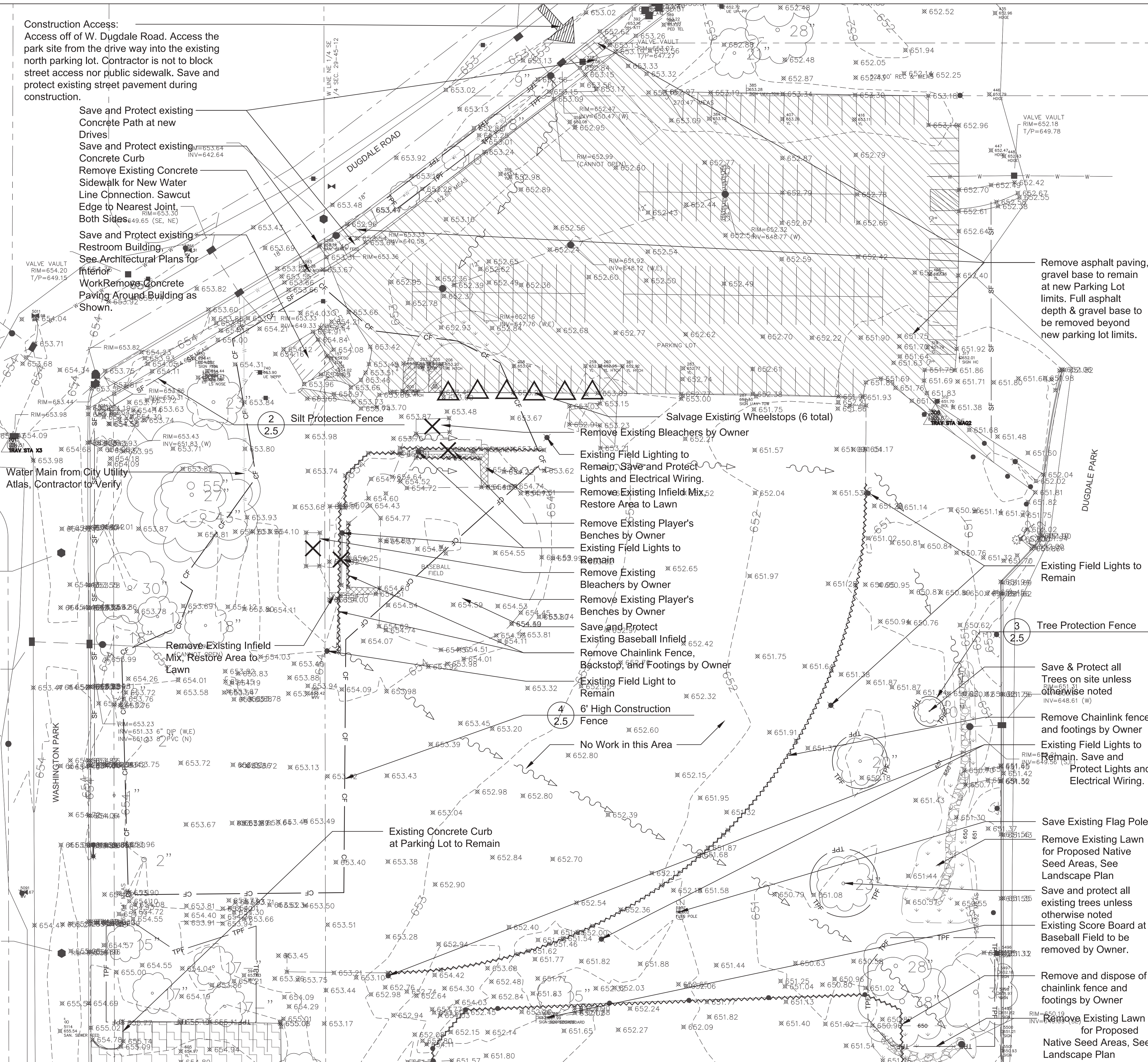
SHEET TITLE  
**Key Plan**

SHEET NUMBER

**Construction Access:**  
Access off of W. Dugdale Road. Access the park site from the drive way into the existing north parking lot. Contractor is not to block street access nor public sidewalk. Save and protect existing street pavement during construction.

Save and Protect existing Concrete Path at new Drives  
Save and Protect existing Concrete Curb  
Remove Existing Concrete Sidewalk for New Water Line Connection. Sawcut Edge to Nearest Joint, Both Sides  
Save and Protect existing Restroom Building. See Architectural Plans for Interior Work  
Remove Existing Concrete Paving Around Building as Shown.

Remove asphalt paving, gravel base to remain at new Parking Lot limits. Full asphalt depth & gravel base to be removed beyond new parking lot limits.



**SURVEY LEGEND**

⊙	STORM MANHOLE	⊕	UTILITY MANHOLE
□	STORM INLET	◇	UTILITY MARKER
○	STORM INLET	⊞	HANDHOLE (SINGLE/ DOUBLE)
▭	FLARED END SECTION	⊞	GAS VALVE
▭	DOWNSPOUT - ABOVE GROUND	⊞	GAS METER
▭	DOWNSPOUT - UNDER GROUND	⊞	AIR CONDITIONING UNIT
⊞	SANITARY MANHOLE	⊞	LIGHT POLE
⊞	SANITARY/STORM CLEANOUT	⊞	VAPOR LIGHT
⊞	UNKNOWN MANHOLE	⊞	LIGHT JUNCTION BOX
⊞	WATER VALVE	⊞	MAIL BOX
⊞	POST INDICATOR VALVE	⊞	SIGN
⊞	HYDRANT	⊞	FLAGPOLE
⊞	WELL	⊞	POST/BOLLARD
⊞	SPRINKLER HEAD	⊞	ADA STALL
⊞	SPRINKLER BOX	⊞	CONIFER TREE
⊞	WATER METER	⊞	DECIDUOUS TREE
⊞	WATER SERVICE	⊞	BUSH/SHRUB
⊞	POWER POLE	⊞	TREE STUMP
⊞	POWER POLE W/ LIGHT	⊞	CONTROL POINT
⊞	POWER POLE W/ METER	⊞	BENCHMARK
⊞	GUY WIRE	⊞	LINE CONTINUATION
⊞	GUY POLE	⊞	PIPE, FOUND
⊞	ELECTRIC MANHOLE	⊞	CONCRETE MONUMENT, FOUND
⊞	ELECTRIC PEDESTAL/TRANSFORMER	⊞	MEASURED DIMENSION
⊞	ELECTRIC METER	⊞	SPOT ELEVATION
⊞	TELEPHONE POLE		
⊞	TELEPHONE MANHOLE		
⊞	TELEPHONE PEDESTAL		
⊞	CABLE TV PEDESTAL		

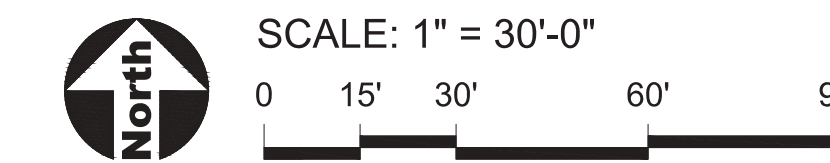
**REMOVALS LEGEND**

---	SURVEY BOUNDARY
---	PROPERTY LINE
---	CENTERLINE
---	HISTORICAL LINE - AS NOTED
---	EASEMENT LINE
---	SECTION LINE
---	R.O.W. LINE
---	SETBACK LINE
---	SANITARY SEWER
---	STORM SEWER
---	WATER LINE
---	OVERHEAD ELECTRIC
---	UNDERGROUND ELECTRIC
---	GAS LINE
---	TELEVISION LINE
---	TELEPHONE LINE
---	FIBER OPTIC CABLE
---	UTILITY LINE
---	EDGE OF WATER LINE/DITCH FLOWLINE
---	CHAIN LINK FENCE
---	WIRE FENCE
---	WOOD FENCE
---	SILT FENCE
---	CONTOUR
---	TREE LINE

**REMOVALS LEGEND**

▨	Remove and Dispose of Existing Asphalt Paving
▨	ALTERNATE #3: Remove and Dispose of Existing Asphalt Paving
▨	Remove and Dispose of Existing Concrete Paving
▨	Remove and Dispose of Existing Lawn for Proposed Native Seed Areas
▨	ALTERNATE #4: Remove and Dispose of Existing Lawn for Proposed Native Seed Areas
▨	Remove Infield Mix, Restore Area to Lawn
---	Remove and Dispose of Existing Fence & Footings
---	SF Silt Fence
---	TPF Tree Protection Fence
---	CF Construction Fence
---	CL Construction Limits
⊗	Remove and properly dispose of trees, stump, and grind root mass to a depth of 12" below existing grade or proposed grade which ever is lowest unless otherwise noted on plan.
⊗	Remove and Dispose of Item as Marked
△	Salvage and Relocate Item as Marked

Matchline 2.1



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**Dugdale Park Renovation**  
1525 W Dugdale Rd. Waukegan, IL 60085

**PROJECT TEAM**



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**REVISIONS**

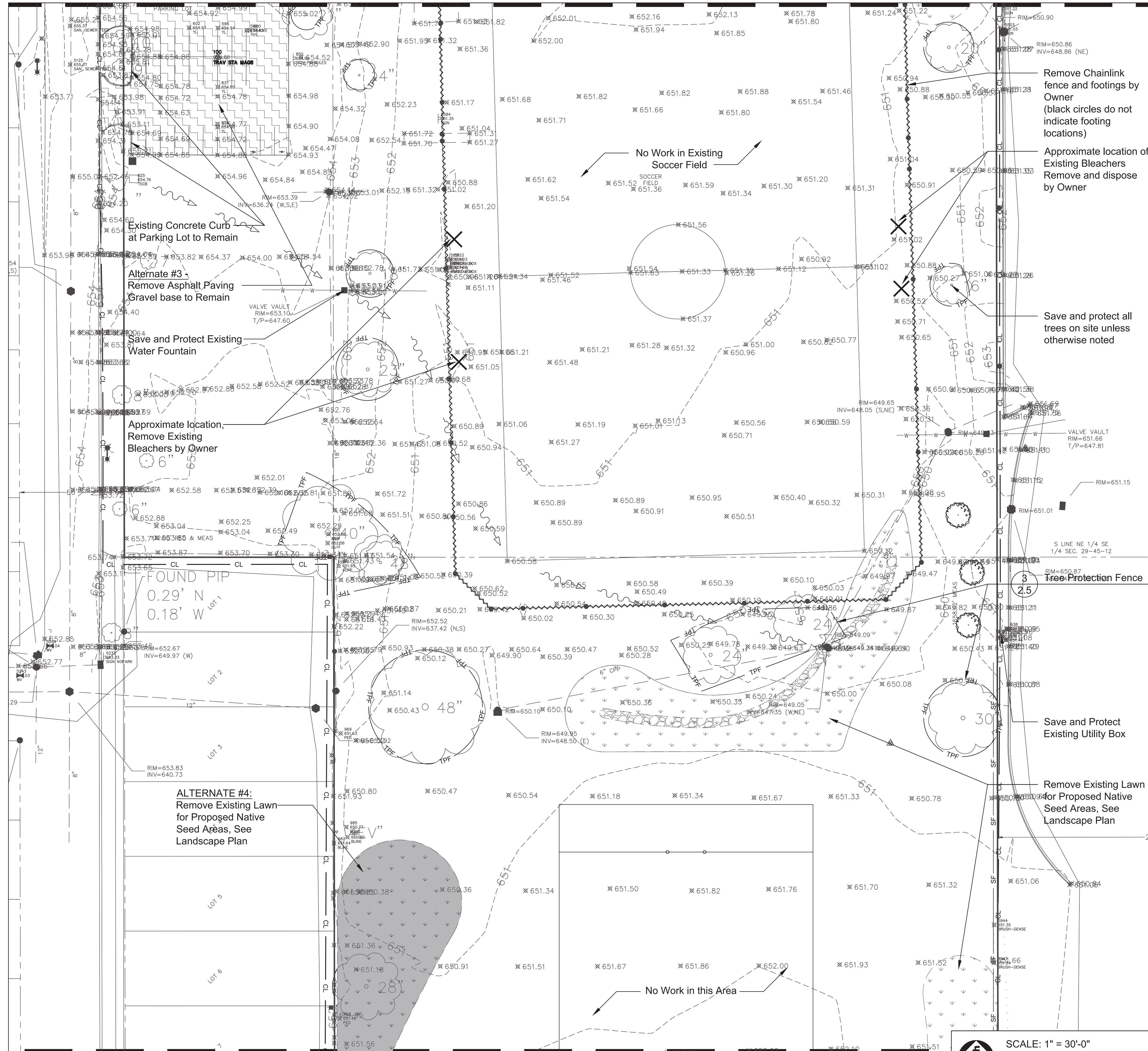
NO.	DESCRIPTION	DATE

**PROJECT NUMBER** 1262

**SHEET TITLE**  
**Existing Conditions & Removals Plan - North**

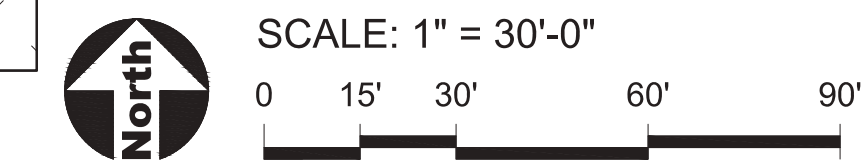
**SHEET NUMBER**

**2.0**



**REMOVALS LEGEND**

- Remove and Dispose of Existing Asphalt Paving
- ALTERNATE #3:** Remove and Dispose of Existing Asphalt Paving
- Remove and Dispose of Existing Concrete Paving
- Remove and Dispose of Existing Lawn for Proposed Native Seed Areas
- ALTERNATE #4:** Remove and Dispose of Existing Lawn for Proposed Native Seed Areas
- Remove Infield Mix, Restore Area to Lawn
- Remove and Dispose of Existing Fence & Footings
- Silt Fence
- Tree Protection Fence
- Construction Fence
- Construction Limits
- Remove and properly dispose of trees, stump, and grind root mass to a depth of 12" below existing grade or proposed grade which ever is lowest unless otherwise noted on plan.
- Remove and Dispose of Item as Marked



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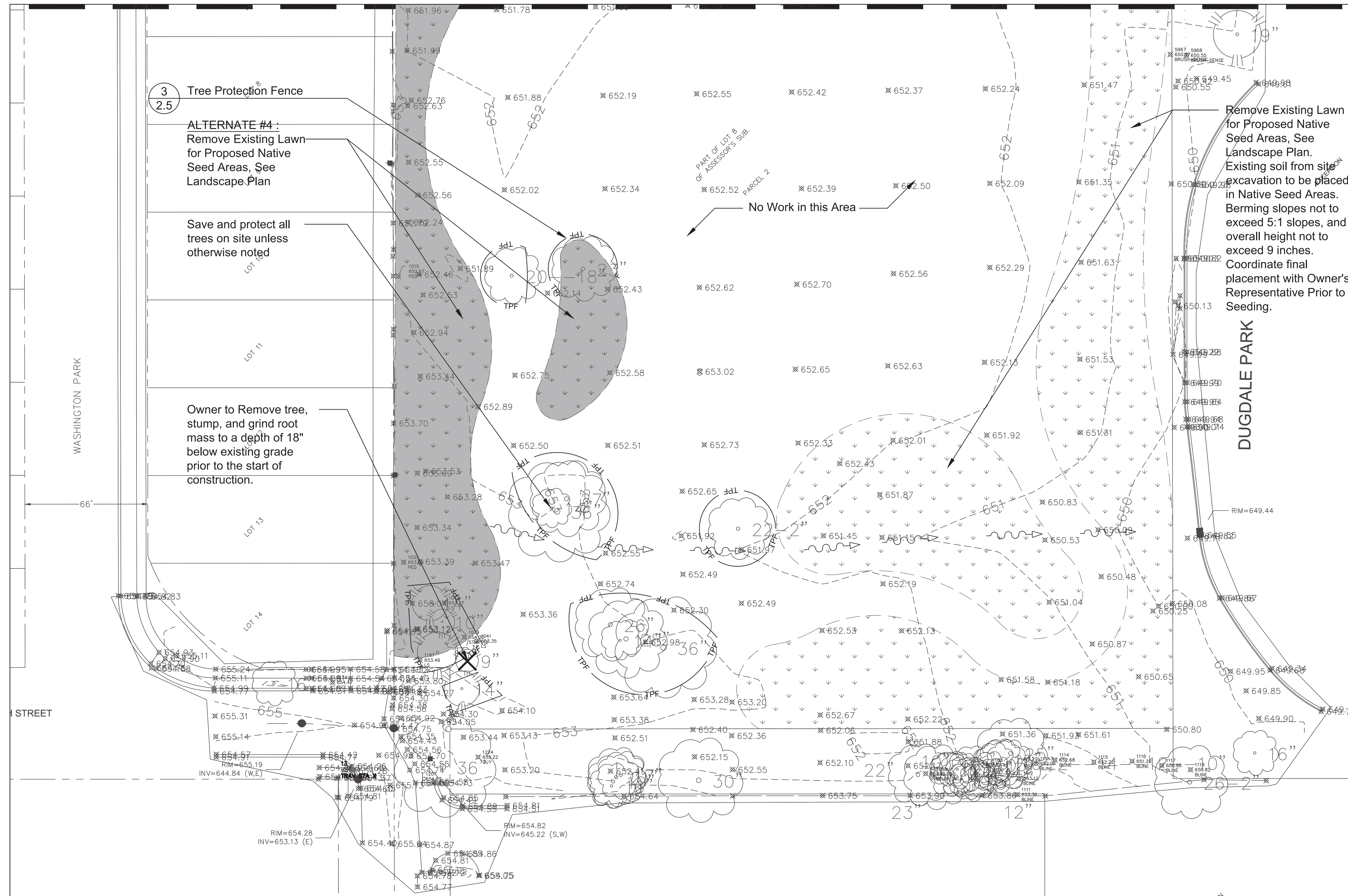
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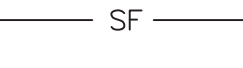





SHEET TITLE  
**Existing Conditions & Removals Plan - Middle**

SHEET NUMBER

# Matchline 2.1



### REMOVALS LEGEND

-  Remove and Dispose of Existing Asphalt Paving
-  ALTERNATE #3: Remove and Dispose of Existing Asphalt Paving
-  Remove and Dispose of Existing Concrete Paving
-  Remove and Dispose of Existing Lawn for Proposed Native Seed Areas
-  ALTERNATE #4: Remove and Dispose of Existing Lawn for Proposed Native Seed Areas
-  Remove Infield Mix, Restore Area to Lawn
-  Remove and Dispose of Existing Fence & Footings
-  Silt Fence
-  Tree Protection Fence
-  Construction Fence
-  Construction Limits
-  Remove and properly dispose of trees, stump, and grind root mass to a depth of 12" below existing grade or proposed grade which ever is lowest unless otherwise noted on plan.
-  Remove and Dispose of Item as Marked



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## PROJECT

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SHEET TITLE

# Existing Conditions & Removals Plan - South

SHEET NUMBER



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PROJECT  
**Dugdale Park Renovation**

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SHEET TITLE

**Stormwater Pollution Prevention Plan**

SHEET NUMBER

**2.3**

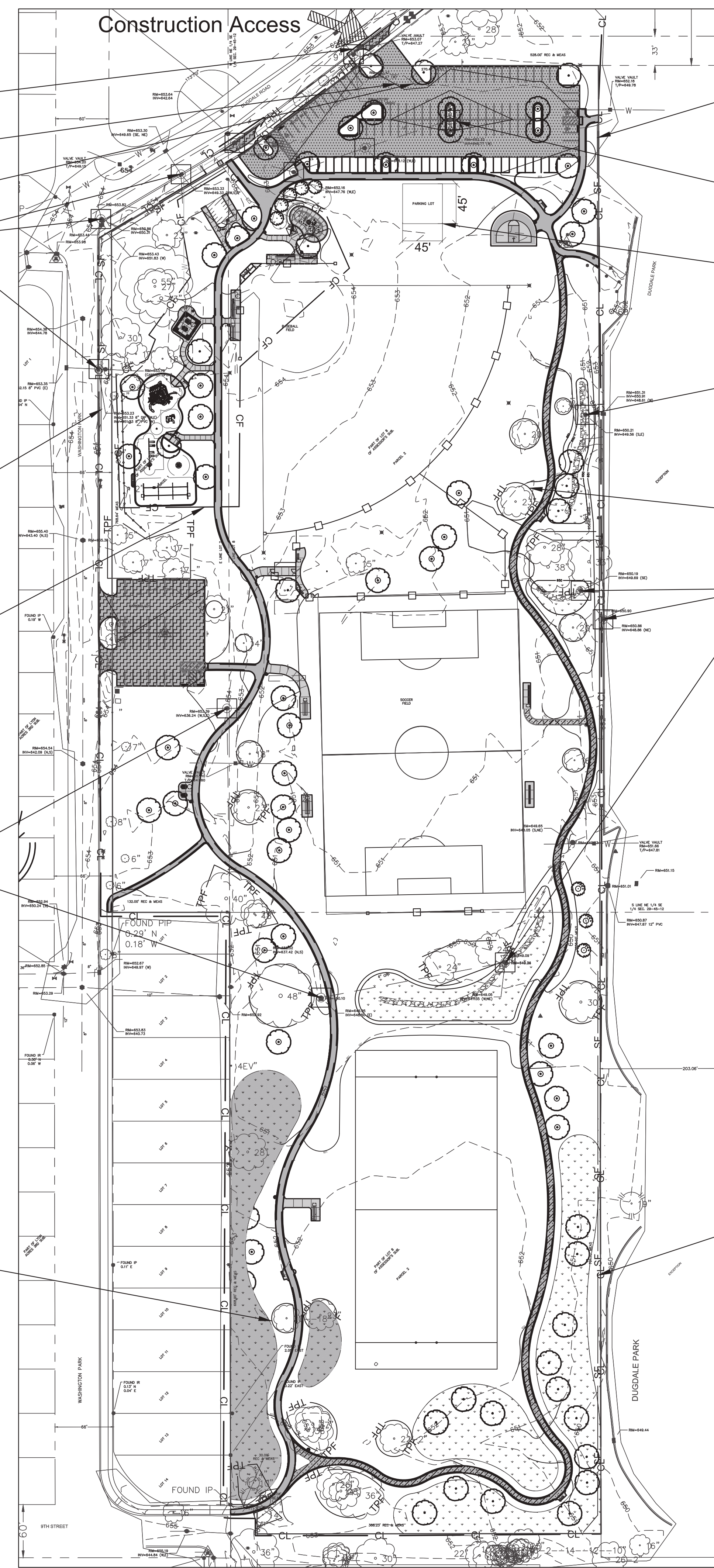
SURVEY LEGEND

⊙	STORM MANHOLE	⊙	UTILITY MANHOLE
□	STORM INLET	◇	UTILITY MARKER
△	STORM INLET FLARED END SECTION	⊞	HANDHOLE (SINGLE/ DOUBLE)
▽	DOWNSPOUT - ABOVE GROUND	⊞	GAS VALVE
▽	DOWNSPOUT - UNDER GROUND	⊞	GAS METER
⊞	SANITARY MANHOLE	⊞	AIR CONDITIONING UNIT
⊞	SANITARY/STORM CLEANOUT	⊞	LIGHT POLE
⊞	UNKNOWN MANHOLE	⊞	VAPOR LIGHT
⊞	WATER VALVE	⊞	LIGHT JUNCTION BOX
⊞	POST INDICATOR VALVE	⊞	MAIL BOX
⊞	HYDRANT	⊞	SIGN
⊞	WELL	⊞	FLAGPOLE
⊞	SPRINKLER HEAD	⊞	POST/BOLLARD
⊞	SPRINKLER BOX	⊞	ADA STALL
⊞	WATER METER	⊞	CONIFER TREE
⊞	WATER SERVICE	⊞	DECIDUOUS TREE
⊞	POWER POLE	⊞	BUSH/SHRUB
⊞	POWER POLE W/ LIGHT	⊞	TREE STUMP
⊞	POWER POLE W/ METER	⊞	CONTROL POINT
⊞	GUY WIRE	⊞	BENCHMARK
⊞	GUY POLE	⊞	LINE CONTINUATION
⊞	ELECTRIC MANHOLE	⊞	PIPE, FOUND
⊞	ELECTRIC PEDESTAL/TRANSFORMER	⊞	CONCRETE MONUMENT, FOUND
⊞	ELECTRIC METER	100.00'	MEASURED DIMENSION
⊞	TELEPHONE POLE	(100.00')	RECORDED DIMENSION
⊞	TELEPHONE MANHOLE		
⊞	TELEPHONE PEDESTAL		
⊞	CABLE TV PEDESTAL		
100.00	SPOT ELEVATION		

---	SURVEY BOUNDARY
---	PROPERTY LINE
---	CENTERLINE
---	HISTORICAL LINE - AS NOTED
---	EASEMENT LINE
---	SECTION LINE
---	R.O.W. LINE
---	SETBACK LINE
---	SANITARY SEWER
---	STORM SEWER
---	WATER LINE
---	OVERHEAD ELECTRIC
---	UNDERGROUND ELECTRIC
---	GAS LINE
---	TELEVISION LINE
---	TELEPHONE LINE
---	FIBER OPTIC CABLE
---	UTILITY LINE
---	EDGE OF WATER LINE/DITCH FLOWLINE
---	CHAIN LINK FENCE
---	WIRE FENCE
---	WOOD FENCE
---	SILT FENCE
---	CONTOUR
---	TREE LINE

SWPP Legend

⊞	Inlet Protection
---	SF Silt Fence
---	TPF Tree Protection Fence
---	CF Construction Fence
---	CF Construction Limit



- 5 Inlet Protection
- 2.5 Entrance
- 6 Stabilized Construction
- 2.5 Temporary Concrete Washout
- 1 Inlet Protection
- 2.5

- 3 Silt Fence
- 2.5

- 2 6' High Construction Fence
- 2.5

- 5 Inlet Protection
- 2.5

- 4 Tree Protection Fence
- 2.5

- 3 Silt Fence
- 2.5

- 5 Inlet Protection
- 2.5

- 5 Inlet Protection
- 2.5

- 4 Tree Protection Fence
- 2.5

- 5 Inlet Protection
- 2.5

- 3 Silt Fence
- 2.5



SCALE: 1" = 80'-0"  
0 40' 80' 160' 240'

## Stormwater Pollution Prevention Plan

- The following plan is established and incorporated in the project to direct the **CONTRACTOR** in the placement of temporary erosion control systems and to provide a **Stormwater Pollution Prevention Plan** for compliance under General **NPDES** Permit ILR10.
- The purpose of this plan is to minimize erosion within the construction site and to limit sediments from leaving the construction site by utilizing proper temporary erosion control systems and providing the ground cover with reasonable amount of time. Prior to construction, certain erosion control facilities shall be installed by the **CONTRACTOR**. Other items shall be installed by the **CONTRACTOR** as directed by the **ENGINEER/ OWNER'S REPRESENTATIVE** on a case by case situation depending on the contractor's sequence of activities, time of year, and the expected weather conditions.
- The **CONTRACTOR** shall install permanent erosion control systems and seeding within a time frame specified herein and as directed by the **ENGINEER/ OWNER'S REPRESENTATIVE**, therefore minimizing the amount of area susceptible to erosion and reducing the amount of temporary seeding. The **ENGINEER/ OWNER'S REPRESENTATIVE** will determine if any temporary erosion control systems shown in the plan can be deleted and if any additional temporary erosion control systems, which are not included in this plan, shall be added.
- No solid materials, including building materials, shall be discharged to waters of the state, except as authorized by a **SECTION 404 PERMIT**.
- Waste disposal shall be completed in accordance with applicable state and/ or local waste disposal, sanitary sewer or septic system.
- This plan shall incorporate all notes on this sheet and the following plan sheets:

2.0	Existing Conditions & Removals Plan - North	4.5	Dimension Plan - Basketball Enlargement
2.1	Existing Conditions & Removals Plan - Middle	5.0	Grading Plan - North
2.2	Existing Conditions & Removals Plan - South	5.1	Grading Plan - Middle
2.3	Stormwater Pollution Prevention Plan	5.2	Grading Plan - South
2.4	Stormwater Pollution Prevention Notes	5.3	Grading Plan - Playground Enlargement
2.5	Stormwater Prevention Details	5.4	Grading Plan - Baseball, Splash Pad & Shelter Enlargement
3.0	Layout Plan - North	5.5	Grading Plan - Basketball Enlargement
3.1	Layout Plan - Middle & West Lot Enlargement	6.0	Utilities - Playground Enlargement
3.2	Layout Plan - South	6.1	Utilities - Baseball, Splash Pad & Shelter Enlargement
3.3	Layout Plan - Playground Enlargement	7.0	Landscape Plan - North
3.4	Layout Plan - Baseball, Splash Pad & Shelter Enlargement	7.1	Landscape Plan - Middle
3.5	Layout Plan - Basketball Enlargement	7.2	Landscape Plan - South
4.0	Dimension Plan - North	8.0	Construction Details
4.1	Dimension Plan - Middle	8.1	Construction Details
4.2	Dimension Plan - South	8.2	Construction Details
4.3	Dimension Plan - Playground Enlargement	8.3	Construction Details
4.4	Dimension Plan - Baseball, Splash Pad & Shelter Enlargement	8.4	Construction Details

## Site Description:

Dugdale Park is located at 1525 West Dugdale Road, Waukegan, IL 60085. The site consists of open lawn areas, baseball backstop, baseball infield, asphalt trail, concrete path, restroom structure, and two parking lots.

Total Site:	+/-	18.15 ac.
Disturbed Areas:	+/-	1.20 ac.
On-site Wetlands:		0.0 ac.
On-site Disturbed Wetlands:		0.0 ac.
Construction Support Activity Areas		N/A
Maximum Disturbed Area:	+/-	2.24 ac.

## Construction Project

The project consists of installation of concrete paving, concrete curb, asphalt paving, artificial turf, engineered wood fiber surfacing, playground, splash pad, chain link fencing, shelter structures, and landscape.

## Intended Sequence for major construction activities which will disturb soils for major portions of the construction site:

- Installation of soil erosion and sediment control SE/SC measures
  - Selective vegetation removal for silt fence installation
  - Silt fence installation
  - Construction fencing around areas not to be disturbed
  - Stabilized construction entrance
- Tree removal where necessary (clear & grub)
- Construct sediment trapping devices (sediment traps, basins...)
- Construct detention facilities and outlet control structure with restrictor & temporary perforated riser
- Strip topsoil, stockpile topsoil and grade site
- Temporarily stabilize topsoil stockpiles (seed and silt fence around toe of slope)
- Install storm sewer, sanitary sewer, water and associated inlet & outlet protection
- Permanently stabilize detention basins with seed and erosion control blanket
- Temporarily stabilize all areas including lots that have reached temporary grade
- Install roadways
- Permanently stabilize all outlot areas
- Install structures and grade individual lots
- Permanently stabilize lots
- Remove all temporary SE/SC measures after the site is stabilized with vegetation
 

\*Soil erosion and sediment control maintenance must occur every two weeks and after every ½ or greater rainfall event

emporary erosion control measures will be removed following final stabilization.

## Controls-Erosion Control and Sediment Control

Description of Stabilization Practices at the beginning of Construction

- The drawings, specifications, and special provisions will ensure that the existing vegetation is preserved where attainable and disturbed portions of the site will be stabilized. Stabilization practices include: Temporary seeding, permanent seeding, silt fence, protection of trees, preservation of mature vegetation, and other appropriate measures as directed by the **WAUKEGAN PARK DISTRICT**. Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporary or permanently ceased, but in no case more than **7 DAYS** after the construction activity in that portion of the site has temporarily or permanently ceased.
  - Areas of existing vegetation (woodlands and grasslands) outside the proposed construction limits shall be identified by the **WAUKEGAN PARK DISTRICT** for preserving and shall be protected from construction activities.
  - Dead, diseased, or unsuitable vegetation within the site shall be removed as directed by the **WAUKEGAN PARK DISTRICT**, along with required tree removal.
  - As soon as reasonable access is available to all locations where water drains away from the project, temporary ditch checks, inlet and pipe protection, and perimeter erosion barrier shall be installed as called out in this plan and directed by **WAUKEGAN PARK DISTRICT**.
  - In areas where work is complete, permanent stabilization should occur within **7 DAYS** of completion, and in areas where work has temporarily ceased for **14 DAYS** or more, temporary stabilization shall occur by the **7th DAY** after work has ceased.

## Sediment Erosion Control and Pollution Prevention Notes:

- During construction, areas outside the construction limits shall be protected.the contractor shall not use this area for staging, parking of vehicles of construction equipment, storage of materials or other construction related activities.
- Construction equipment shall be stored and fueled only at designated locations. all necessary measures shall be taken to contain any fuel or other pollutant in accordance with epa water quality regulations. leaking equipment or supplies shall be immediately repaired or removed from the site.
- Temporary sediment control systems shall be left in place with proper maintenance until permanent erosion control is in place and working properly and all permanent vegetation is growing and thriving.
- Erosion control measures shall be installed prior to start of construction.
- All erosion control measures must be inspected weekly and after each ½" rain event.
- The erosion control blanket and/or straw mulch with netting (depending on slope, slope length and flow rates) shall be installed on all slopes steeper than 5h:1v and in critical areas (i.e. pond perimeter, berms, etc.) and as noted on the plans immediately upon final grading
- In areas where work is complete, permanent stabilization shall occur within 7 days of completion, and in areas where work has temporarily ceased for 14 days or more, temporary stabilization shall occur by the 7th day after work has ceased. Temporary sediment and erosion control measures shall be maintained continuously until permanent cover is established.
- Winter shutdown shall be addressed early in the fall growing season so that slopes and other bare earth areas may be stabilized with temporary and/or permanent vegetative cover for proper erosion and sediment control.
- All adjacent streets must be kept clear of debris. streets shall be inspected daily and cleaned when necessary and as directed by engineer.
- Unless otherwise indicated, all vegetative and structural erosion and sediment control practices will be constructed according to minimum standards and specifications in the most recent edition of the Illinois urban manual and in the Lake County Stormwater Ordinance.
- A copy of the approved erosion and sediment control plan shall be maintained on the site at all times.
- Prior to commencing land-disturbing activities in areas other than indicated on these plans (including but not limited to, additional phases of development and off-site borrow or waste areas) a supplementary erosion control plan shall be submitted to the owner for review by the engineer.
- The contractor is responsible for installation of any additional erosion control measures necessary to prevent erosion and sedimentation as determined by the engineer.
- During dewatering operations (if necessary), sediment-laden water shall be pumped into sediment basins or silt traps. dewatering sediment-laden water directly into streams, wetlands, field tiles, or stormwater structures is prohibited.
- Where there are low, intermittent amounts of dewatering, pumps with filtration bags shall be used. filtration bags shall be attached to pump discharges and surrounded with a secondary containment or on a stabilized area. filter bags shall not be placed, whole or partially, within aquatic areas (wetlands, ponds, etc.) the material for the filtration bag shall meet the requirements of material specification 592 geotextile of the Illinois urban manual, table 2, class i with a minimum tensile strength of 200 lbs. the filtration bag shall be sized per manufacturer recommendations and based on the size of the pump.
- Excavated areas shall be permanently seeded immediately after final grading. if not, they shall be temporarily seeded if no construction activity in the area is planned for seven (7) days.
- Temporary erosion control seeding shall be applied at a rate of 50 lbs/acres.
- No stockpiling is permitted within the wetland area. stockpiles that are to remain in place more than three days shall be provided with soil erosion and sediment control measures.
- Sediment collected during construction by the various temporary sediment control systems shall be disposed of on the site on a regular basis, as directed by the engineer.
- All drop inlets on and adjacent to the site must have a sediment trapping or containment device installed during construction activities. filter fabric on its own is not an approved method. a manufacturer's spec should be used for prefabricated drop inlet protection and should be as the Illinois urban manual standard 561d for inlet protection.
- All temporary erosion and sediment control measures shall be removed within 30 days after final stabilization is achieved. trapped sediment and other disturbed soils resulting from temporary measures shall be properly disposed of prior to permanent stabilization.
- All erosion and sediment control products furnished shall be specifically recommended by the manufacturer for the use specified in the erosion and sediment control plan. prior to the approval and use of the project, the contractor shall submit to the engineer a notarized certification by the producer stating the intended use of the product and that the physical properties required for this application are met or exceeded. the contractor shall provide manufacturer installation procedures to facilitate the engineer in construction inspection.
- The drawings, specifications and special provisions will ensure that existing vegetation is preserved where attainable and disturbed portions of the site will be stabilized. stabilization practices include temporary seeding, permanent seeding, mulching, protection of trees, preservation of natural vegetation, and other appropriate measures as directed by the engineer. stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than 7 days after the construction activity in that portion of the site has temporarily or permanently ceased.
- Areas of existing vegetation, wood and grasslands, outside the proposed construction limits shall be shall be protected from construction activities.
- Bare and sparsely vegetated ground in high erodible areas as determined by the engineer shall be temporarily seeded at the beginning of construction where no construction activities are expected within seven (7) days.
- The site should be phased in a way that reduces the amount of stripped, unstabilized areas within the site at any one time. mass grading the entire site should be avoided as to prevent erosion on site and sedimentation issues downstream.
- Barrier protection shall be placed at the limits of soil disturbance for all undisturbed wetland, floodplain, waters and buffer areas, and shall be:
  - Dual row of silt fence, and a row of orange construction fence; or
  - Dual silt fence barrier, with one of the fences being of high visibility material.
  - Alternate practices offering comparable protection to wetland, floodplain, waters, and buffer may be used to prevent impact where applicable.
  - Additional soil erosion and sediment controls may be required to adequately protect these sites.
- Construction is complete after acceptance by the owner. maintenance up to this date will be by the contractor.
- It is the responsibility of the general contractor to inform any sub-contractor(s) who may perform work on this project, of the requirements in implementing and maintaining these erosion control plans and assure compliance with all applicable local, state and federal regulations.

## Lake County Stormwater Management Commission Soil Erosion and Sediment Control Construction Notes:

- SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
- FOR THOSE DEVELOPMENTS THAT REQUIRE A DESIGNATED EROSION CONTROL INSPECTOR (DECI), INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
  - UPON COMPLETION OF SEDIMENT AND RUNOFF CONTROL MEASURES (INCLUDING PERIMETER CONTROLS AND DIVERSIONS), PRIOR TO PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING.
  - AFTER EVERY SEVEN (7) CALENDAR DAYS OR STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
- A STABILIZED MAT OF CRUSHED STONE MEETING IDOT GRADATION CA-1 UNDERLAIN WITH FILTER FABRIC AND IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL, OR OTHER APPROPRIATE MEASURE(S) AS APPROVED BY THE ENFORCEMENT OFFICER, SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE OR REDISTURBANCE.
- ALL STOCKPILES SHALL HAVE APPROPRIATE MEASURES TO PREVENT EROSION. STOCKPILES SHALL NOT BE PLACED IN FLOOD PRONE AREAS OR WETLANDS AND DESIGNATED BUFFERS.
- SLOPES STEEPER THAN 3H:1V SHALL BE STABILIZED WITH APPROPRIATE MEASURES AS APPROVED BY THE ENFORCEMENT OFFICER.
- APPROPRIATE EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL INTERIOR DETENTION BASIN SIDE SLOPES BETWEEN THE NORMAL WATER LEVEL AND HIGH WATER LEVEL.
- STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
- IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DISCHARGES SHALL BE ROUTED THROUGH AN APPROVED ANIONIC POLYMER DEWATERING SYSTEM OR A SIMILAR MEASURE AS APPROVED BY THE ENFORCEMENT OFFICER. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE ENFORCEMENT OFFICER, OR APPROVED REPRESENTATIVE, MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
- IF INSTALLED SOIL EROSION AND SEDIMENT CONTROL MEASURES DO NOT MINIMIZE SEDIMENT LEAVING THE DEVELOPMENT SITE, ADDITIONAL MEASURES SUCH AS ANIONIC POLYMERS OR FILTRATION SYSTEMS MAY BE REQUIRED BY THE ENFORCEMENT OFFICER.
- ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.
- ALL TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
- THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, ENFORCEMENT OFFICER, OR OTHER GOVERNING AGENCY.

## Lake County Division of Transportation Soil Erosion and Sediment Control General Notes:

- AREAS OR EMBANKMENTS WITH 2:1 SLOPES OR STEEPER SHALL BE STABILIZED WITH SOD OR EROSION CONTROL BLANKET (SPECIAL) IN COMBINATION WITH SEEDING.
- ANY SEDIMENT OR SOIL TRACKED OFF THE SITE SHALL BE REMOVED BY SCRAPING OR STREET SWEEPING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ALL EXISTING AREAS (TO REMAIN) AFFECTED BY CONSTRUCTION ACTIVITIES, EQUIPMENT, OR LABORERS TO THE ORIGINAL UNDISTURBED CONDITIONS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR PROTECTING ALL NEW WORK UNTIL THE COMPLETION OF THE CONTRACT.
- PERIMETER EROSION BARRIER SHALL BE INSTALLED AT LOCATIONS SPECIFIED IN THE PLANS AT 1 FOOT OUTSIDE THE TOE OF SLOPE OR INSIDE THE RIGHT-OF-WAY WHICHEVER IS CLOSER TO THE CENTERLINE, OR AS DIRECTED BY THE ENGINEER PRIOR TO THE START OF ANY EARTHWORK, CULVERT, OR STORM SEWER CONSTRUCTION.
- THE PERIMETER EROSION BARRIER SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED WITH VEGETATION. AT THIS TIME, THE PERIMETER EROSION BARRIER SHALL BE REMOVED AND AREAS DAMAGED BY THE PERIMETER EROSION BARRIER REMOVAL SHALL BE RESTORED. THE RESTORATION OF THE AREA DISTURBED BY THE PERIMETER EROSION BARRIER REMOVAL SHALL BE INCLUDED IN THE PAY ITEM OF PERIMETER EROSION BARRIER.
- THE INSTALLATION & REMOVAL OF PERIMETER EROSION BARRIER SHALL BE PAID FOR UNDER THE ITEM OF PERIMETER EROSION BARRIER. MAINTENANCE OF PERIMETER EROSION BARRIER SHALL BE PAID FOR UNDER THE ITEM OF MAINTENANCE OF TEMPORARY EROSION CONTROL SYSTEMS.
- TEMPORARY DITCH CHECKS SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD DETAIL SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE DITCH CHECKS SHALL BE INSTALLED AS GRADING PROGRESSES THROUGH THE PROJECT.
- ALL SEEDED AREAS SHALL BE COVERED WITH EROSION CONTROL BLANKET.



1324 Golf Rd. Waukegan, IL 60087  
Phone: 847-360-4700

PROJECT

# Dugdale Park Renovation

1525 W Dugdale Rd. Waukegan, IL 60085

PROJECT TEAM



uplandDesign Ltd  
Landscape Architecture & Park Planning  
Chicago, Illinois 312-350-4088  
Plainfield, Illinois 815-254-0091  
uplandDesign.com

ARCHITECT:  
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1125 Tri-State Parkway Suite 730  
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Phone: 847-336-7100  
IL License 184-002429  
ELEC. ENGINEER, MECHANICAL, & PLUMBING:  
Engineering Group, LLC  
1216 Tower Road  
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Phone: 847-882-2010  
IL License 184.004110-0006

ORIGINAL ISSUE DATE

**Issue for Bid** 17DEC2024

REVISIONS

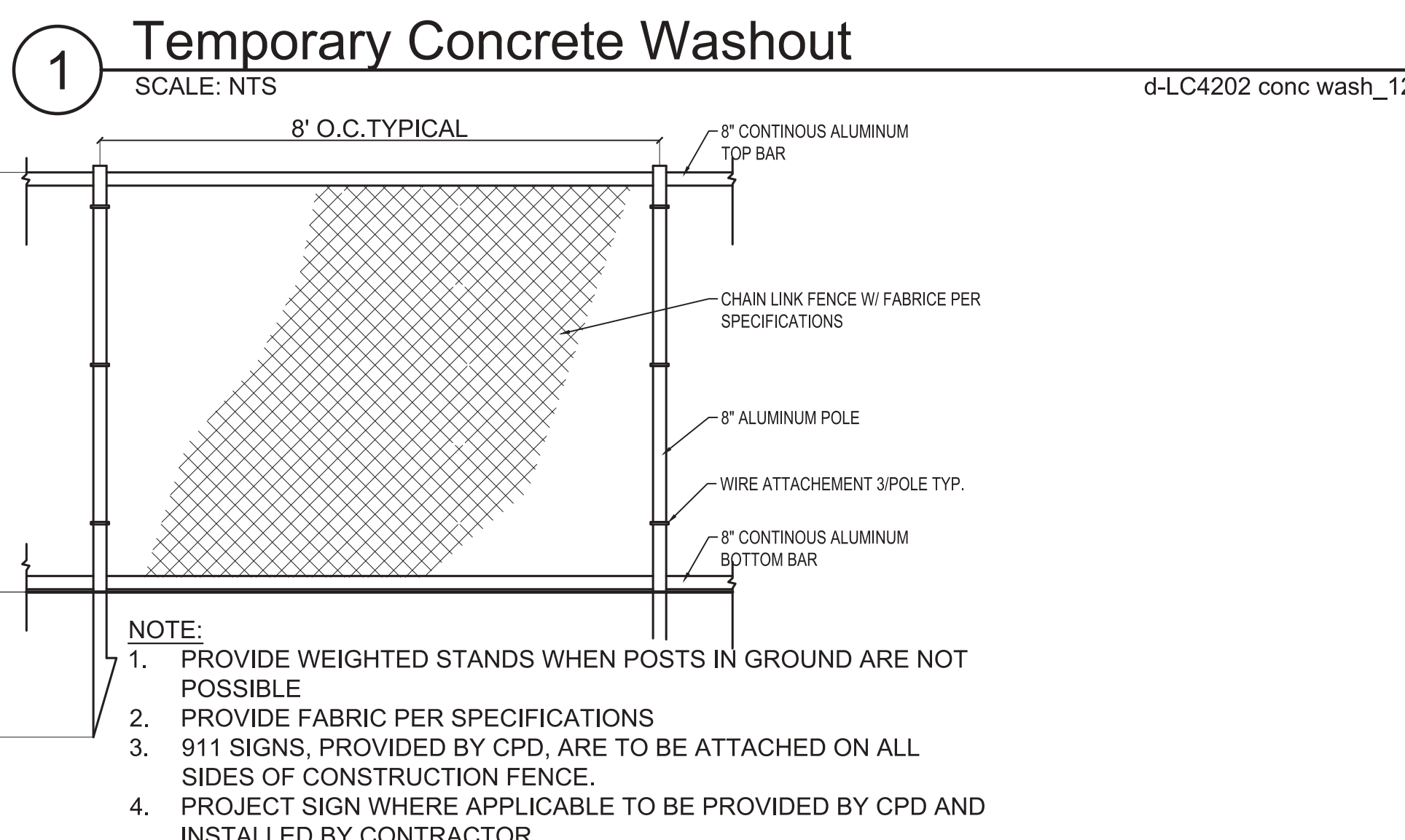
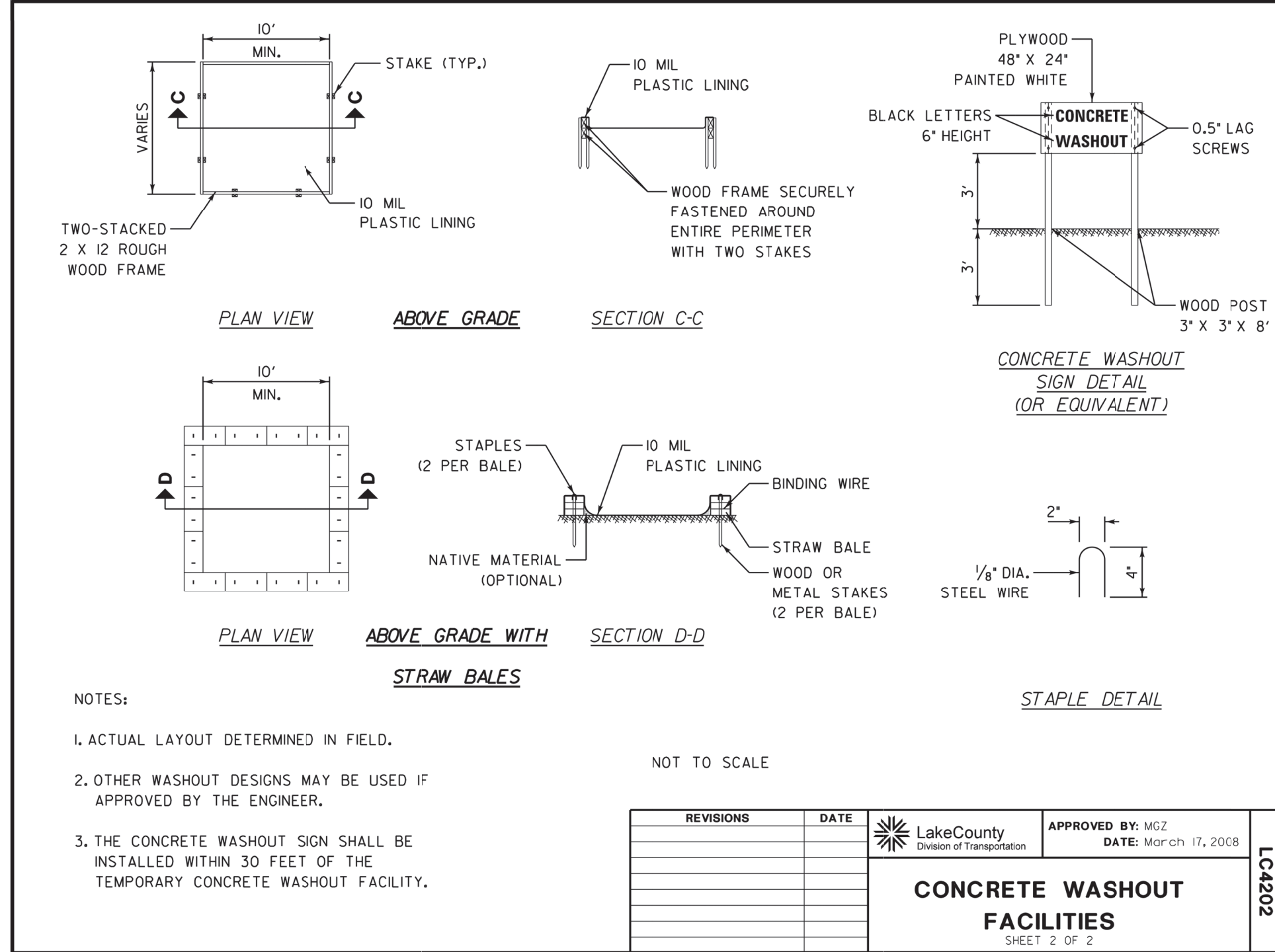
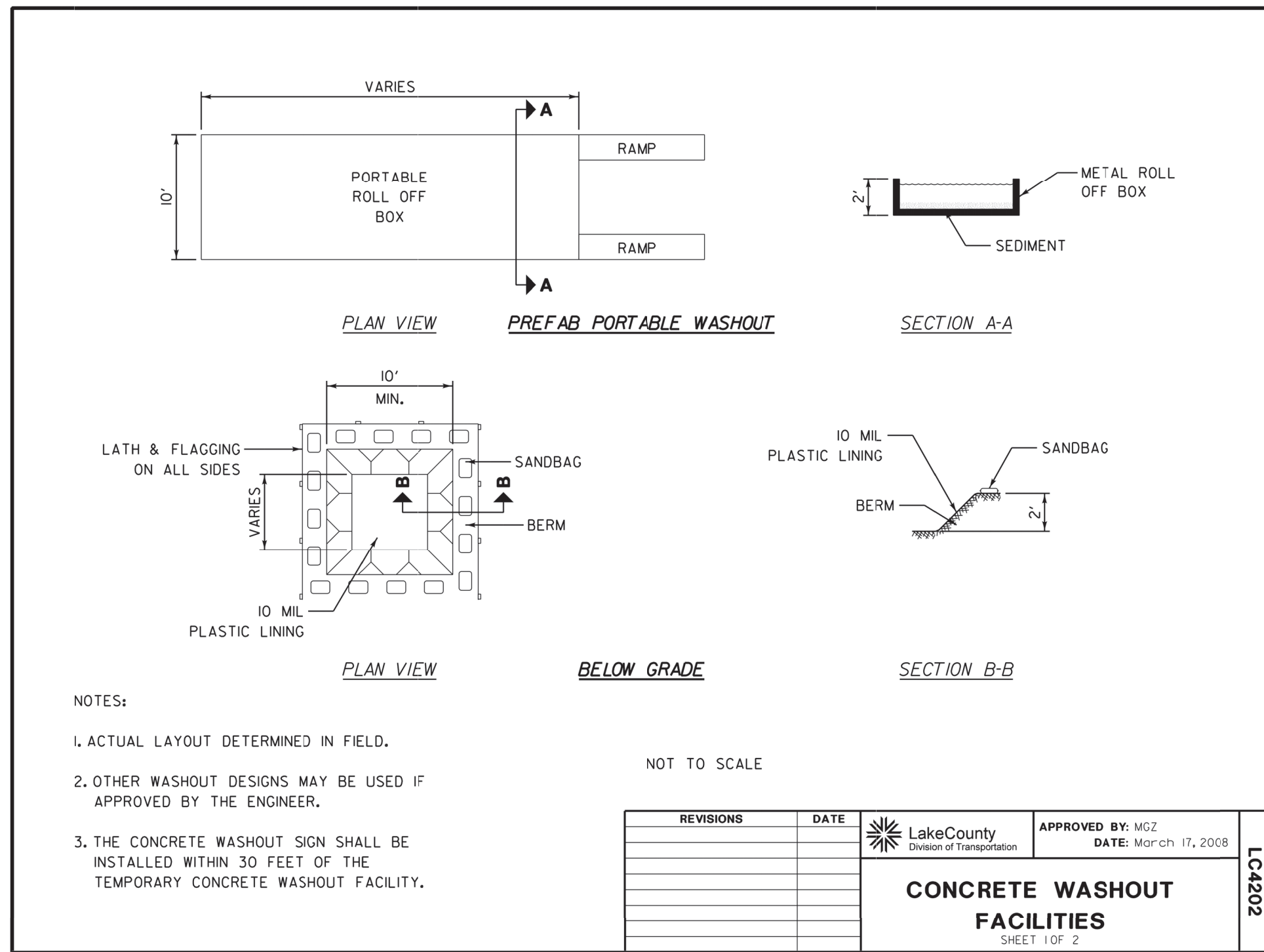

PROJECT NUMBER **1262**

SHEET TITLE

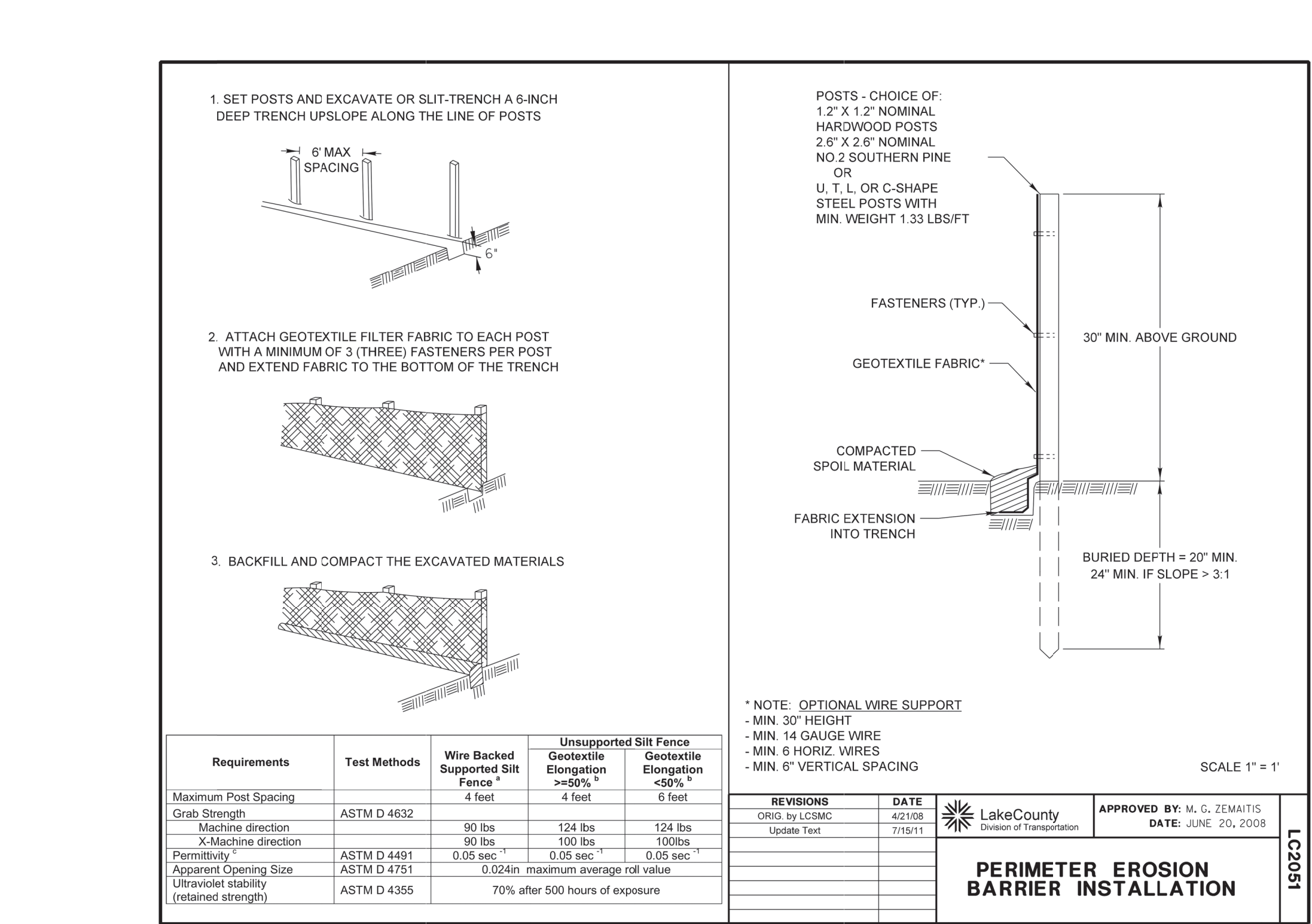
# Stormwater Pollution Prevention Notes

SHEET NUMBER

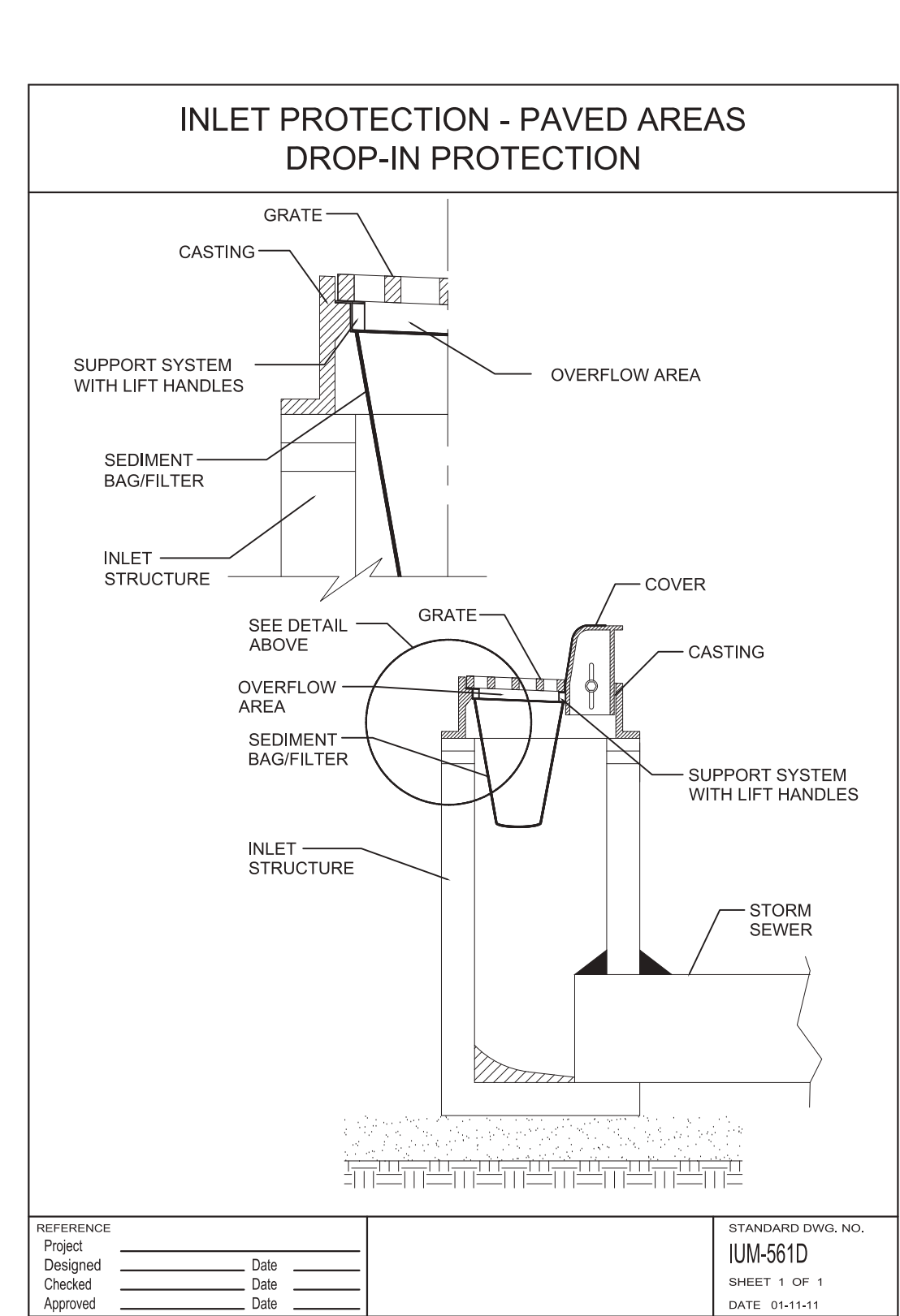
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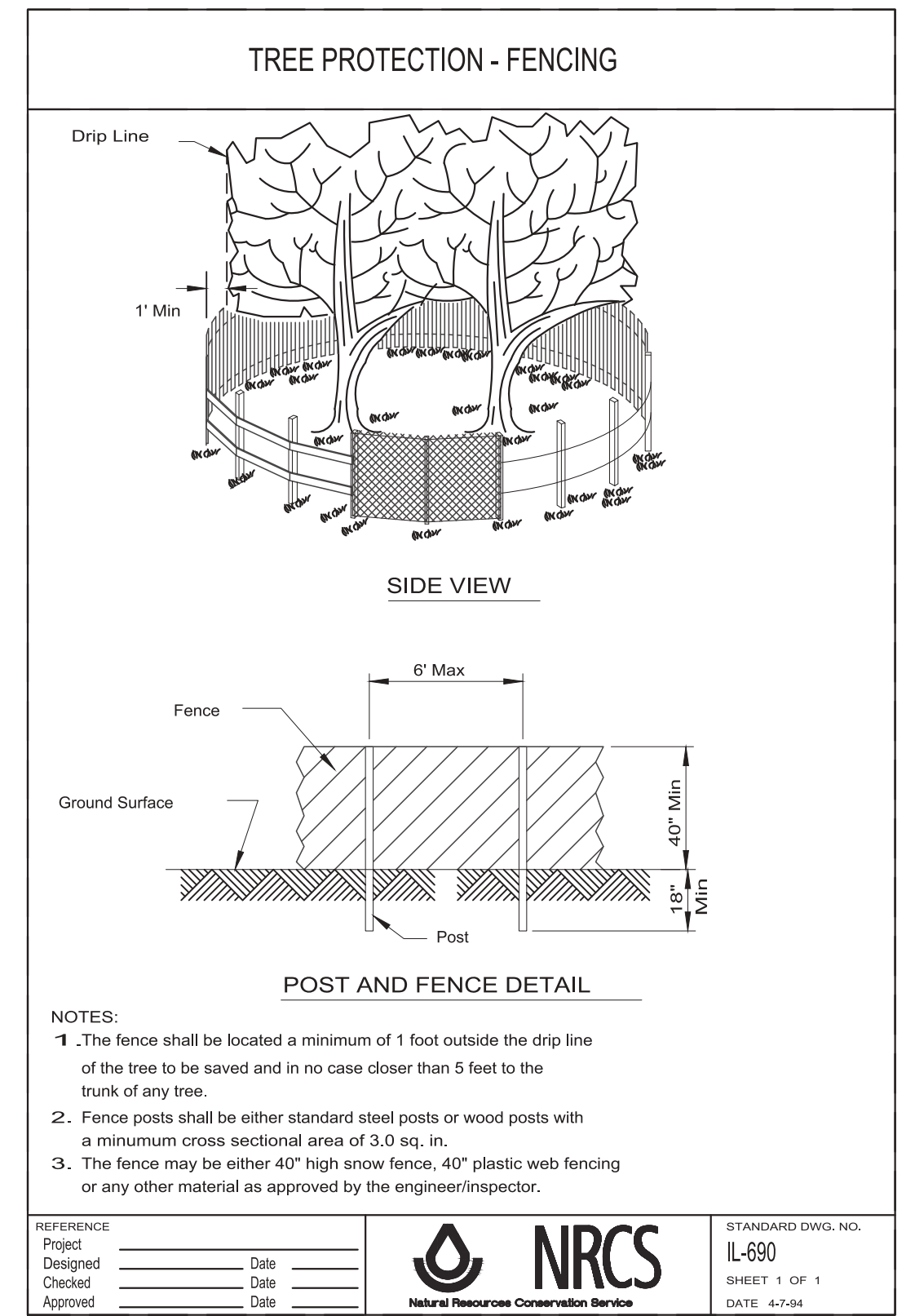
1 Temporary Concrete Washout SCALE: NTS d-LC4202 conc wash\_12



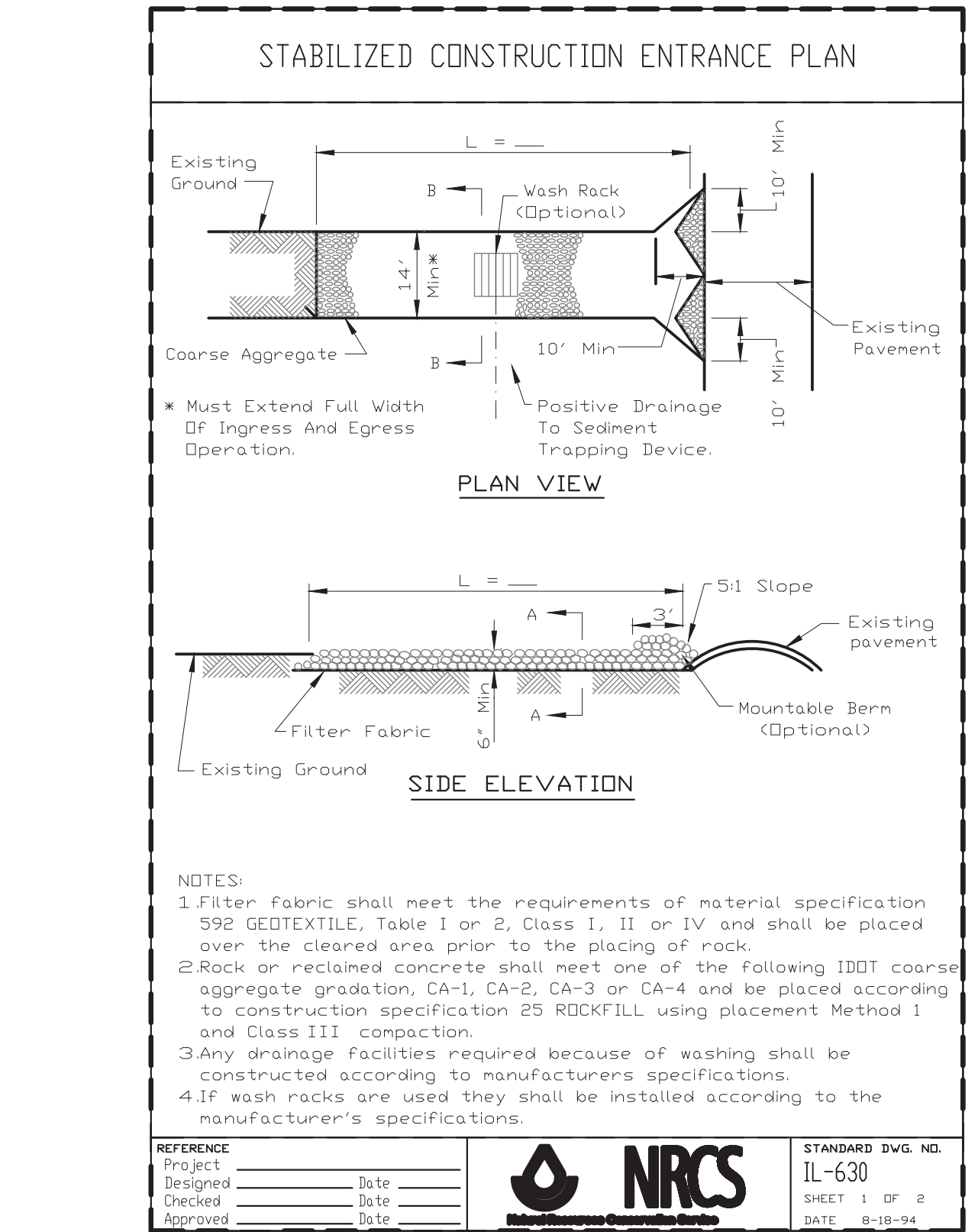
3 Silt Fence SCALE: 1" = 1'-0" d-LC2051 silt fence\_12



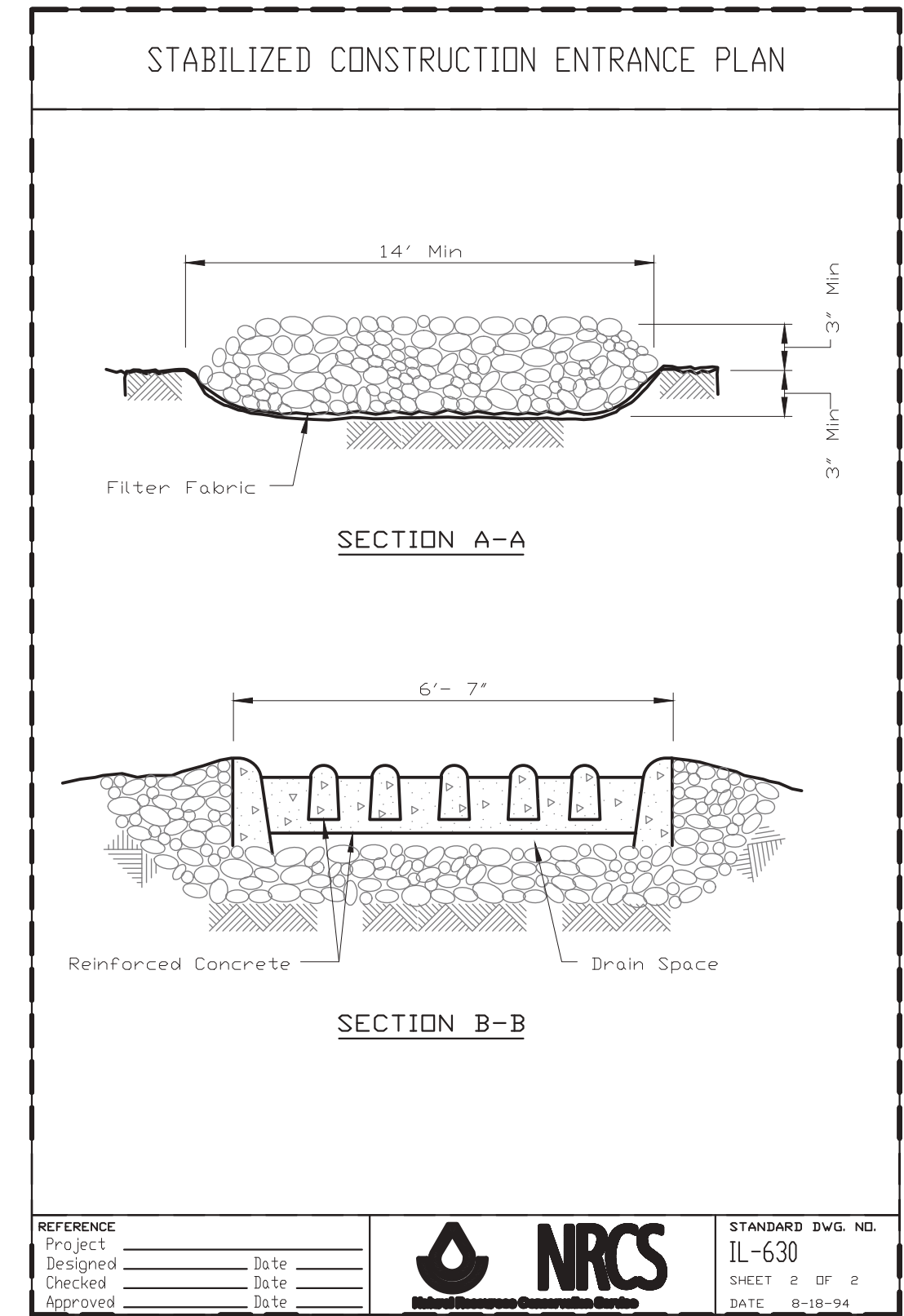
5 Inlet Protection SCALE: NTS



4 Tree Protection Fence SCALE: NTS d-NRCS-IL690-tree protection fence\_12



6 Stabilized Construction Entrance SCALE: NTS d-NRCS-stabilized entrance\_12



6 Stabilized Construction Entrance SCALE: NTS d-NRCS-stabilized entrance\_12



1324 Golf Rd. Waukegan, IL 60087  
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**Issue for Bid** 17DEC2024

**REVISIONS**

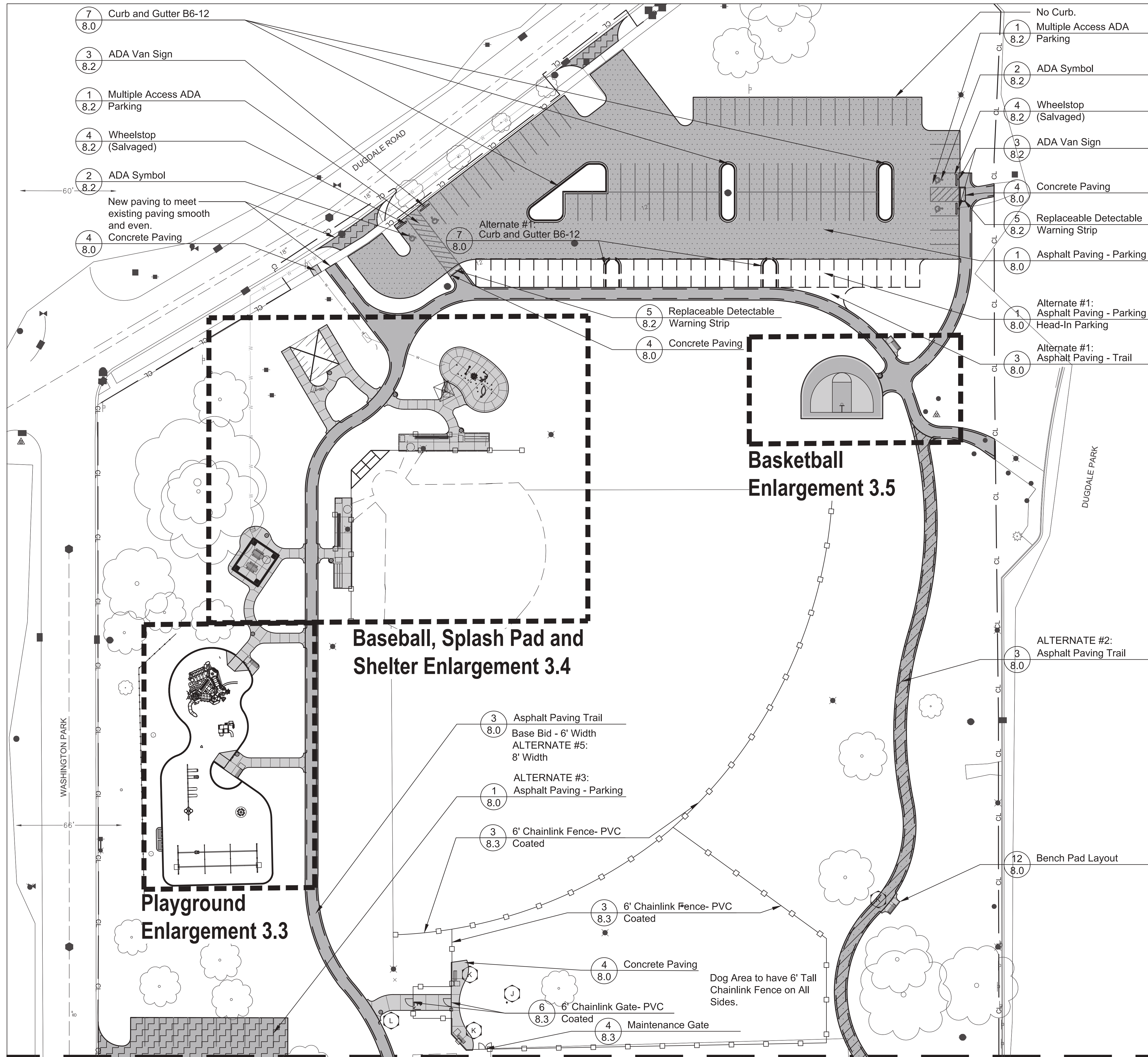
NO.	DESCRIPTION	DATE

**PROJECT NUMBER** 1262

**SHEET TITLE**  
**Storm Water Pollution Prevention Details**

**SHEET NUMBER**





**GENERAL NOTES: LAYOUT**

- It is the responsibility of the Contractor to perform layout of all project elements and points for review by Owner prior to construction. (This work is considered incidental to the project and not paid as a separate bid item).
- The contractor shall be responsible for all materials and quantities as required to complete the work in accordance with the plans and specifications. The contractor will notify the Owner's Representative in writing of any discrepancies or changes required to complete the work before any action may be taken. All changes or change orders must be approved by the Owner's Representative and Owner before any changes are executed.
- Contractor shall confirm that all equipment use/safety zones specified by play equipment manufacturer are adhered to.
- All play equipment footings shall meet manufacturers recommendations for footing depth and width.
- If any temporary fencing (construction, tree protection, silt, etc.) is not maintained or site is not kept clean to Owner's satisfaction with 48-hour notice from Owner, Owner will maintain and charge Contractor for labor at \$100/hour plus materials.
- If site cleanup is not completed to Owner's satisfaction, Owner will maintain and charge Contractor for labor at \$100/hour plus materials.

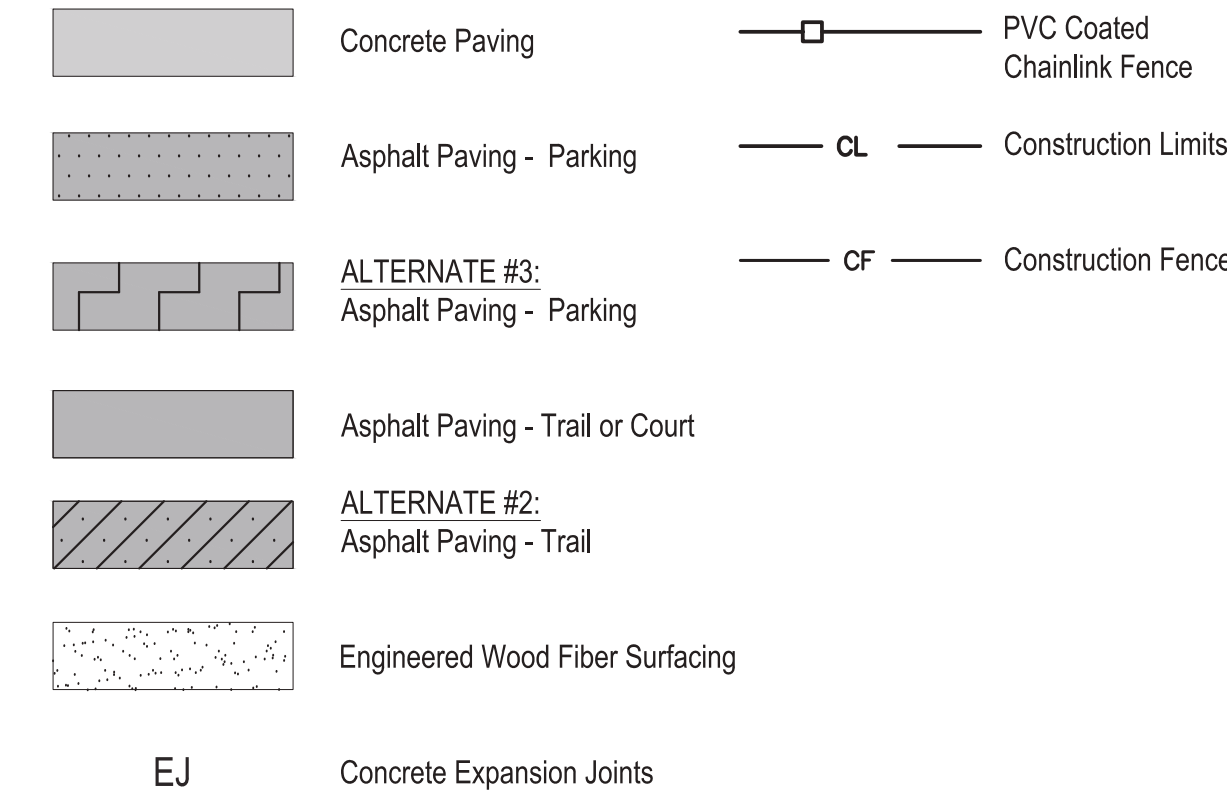
**REFERENCED SPECIFICATIONS AND CODES**

- The Standard Specifications for Road and Bridge Construction (SSRBC), adopted April 1, 2016 adopted by the Illinois Department of Transportation, and all amendments thereto the design manual, highway standards, and the culvert manual, also prepared by the Illinois Department of Transportation.
- The Americans with Disabilities Act and the Illinois Accessibility Code.
- The Illinois Procedures and Standards for Urban Soil Erosion and Sedimentation Control, and IEPA Standards and Specifications for Soil Erosion and Sedimentation Control.
- U.S. Soil Conservation Service Field Engineering Handbook
- All codes and ordinances of the City of Waukegan, United States Army Corp of Engineers, Illinois Department of Natural Resources, Lake County Soil and Water Conservation Districts, and all agencies having jurisdiction.
- All requirements of the Occupational Safety and Health Administration.
- The cited standard specifications, codes and permits, with these construction plans and details, are all to be considered part of the work, incidental items or accessories necessary to complete this work may not be specifically noted but are considered a part of these improvements.
- In case of conflict, the more restrictive provision shall apply.

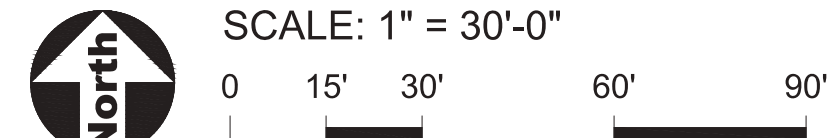
**SITE AMENITIES SCHEDULE**

Site Amenities to be Purchased by Owner, Contractor to Install						
Key Item	Color	Quantity	Model	Manufactur	Supplier	
A	Hedra 5-12	Tangerine, Slate, Limon - Accent	1	265928H		
B	SmartPlay 2.5	Pebble, Denim, Slate	1	205160A		
C	KipKrooz	Tangerine, Slate	1	196213B/194663B		
D	Swings	Tangerine, Slate	1	177344A/177345A/177351A/176038A/237297A/174018A	Landscape Structures	NuToys Leisure Products (800) 526-6197
E	WhirlyQ Spinner	Tangerine, Slate, Limon - Accent	1	277369		
F	Saddle Spinner	Slate, Tangerine	1	152179A		
G	Fabric Shade Sail	Post: Grass Fabric: Blue	1	237668 - Embedded		
H	Shelter	Classic Green Metal Roof, Bucks County LedgeStone Column Wrap 2 Coats of Clear Stain on frame/posts	1	Custom 23'x19'	Romtec	Romtec (541) 496-3541
I	Drinking Fountain	Black	1	10145SM	Most Dependable Fountains	Play Design Scapes, Inc. (224) 324-4597
J	Fire Hydrant	Standard Red	1	TBARK-465 Surface Mount	Bark Park	Ultra Site (800) 458-5872
Site Amenities to be Purchased and Installed by Owner						
K	Bench	Black	10 Base Bid 1 Alternate #2	93-60 Surface Mount	DuMor	NuToys Leisure Products (800) 526-6197
L	Litter Receptacle	Black	14	94-32 Surface Mount		
M	Picnic Table Wheelchair Accessible	Traditional, Pressure Treated Lumber	2	14S-PT8H Surface Mount	Gerber Tables	Gerber Tables (608) 630-5169
N	Picnic Table	Traditional, Pressure Treated Lumber	2	14S-PT8 Surface Mount		
O	Bleacher	Aluminum	5	NB0315 Surface Mount		
P	Player Bench	Galvanized Steel Frame, Anodized Aluminum Planks	4	BEPE15 Surface Mount	Beacon Athletics	Beacon Athletics (800) 747-5985
Q	Basketball Goal - Net and Rim Provided by Owner	Post: L20 White Backboard: Steel	1	TF7175/TF7182 Embedded	Bison Inc.	Wausau Tile (800) 388-8728
R	Grill - Owner to Provide Hot Coal Bin	Standard	1	L-1500/SS B8 Surface Mount	Pilot Rock	Pilot Rock (712) 225-5115
S	Interpretive Sign	Posts: Black Powdercoat	1	45 Degree, Basic Surface Mount	iZone Imaging	iZone Imaging (254) 778-0722

**LEGEND**



Matchline 3.1



1324 Golf Rd. Waukegan, IL 60087  
Phone: 847-360-4700

**PROJECT**  
**Dugdale Park Renovation**

1525 W Dugdale Rd. Waukegan, IL 60085

**PROJECT TEAM**

**uplandDesign Ltd**  
Landscape Architecture & Park Planning  
Chicago, Illinois 312-350-4088  
Plainfield, Illinois 815-254-0091  
uplandDesign.com

**ARCHITECT:**  
Legat Architects  
1125 Tri-State Parkway Suite 730  
Gurnee, Illinois 60031  
Phone: 847-662-3535  
IL License 184003411-0001

**SURVEYING & CIVIL:**  
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IL License 184-002429

**ELEC. ENGINEER, MECHANICAL, & PLUMBING:**  
Engineering Group, LLC  
1216 Tower Road  
Schaumburg, Illinois 60173  
Phone: 847-882-2010  
IL License 184.004110-0006

**ORIGINAL ISSUE DATE**  
**Issue for Bid** 17DEC2024

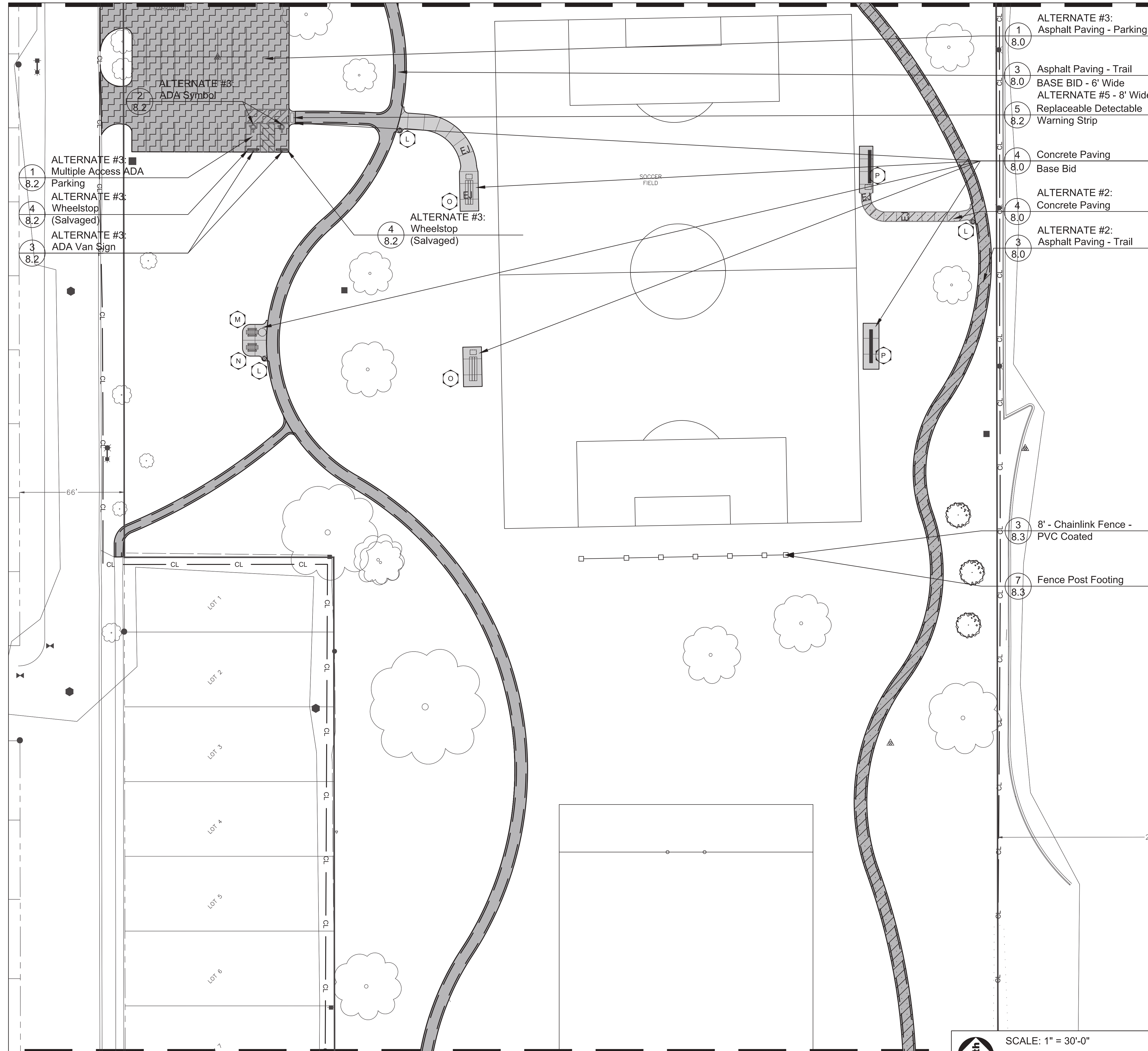
**REVISIONS**

NO.	DESCRIPTION	DATE

**PROJECT NUMBER** 1262

**SHEET TITLE**  
**Layout Plan- North**

**SHEET NUMBER** 3.0



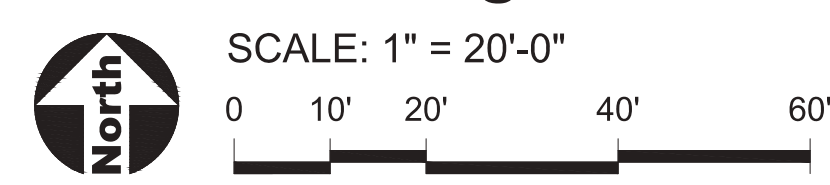
- 1 ALTERNATE #3: Asphalt Paving - Parking
- 8.0
- 3 Asphalt Paving - Trail
- 8.0
- BASE BID - 6' Wide
- ALTERNATE #5 - 8' Wide
- 5 Replaceable Detectable Warning Strip
- 8.2
- 4 Concrete Paving
- 8.0
- Base Bid
- ALTERNATE #2: Concrete Paving
- 4
- 8.0
- ALTERNATE #2: Asphalt Paving - Trail
- 3
- 8.0

- 1 ALTERNATE #3: Multiple Access ADA Parking
- 8.2
- 4 ALTERNATE #3: Wheelstop (Salvaged)
- 8.2
- 3 ALTERNATE #3: ADA Van Sign
- 8.2

- 4 ALTERNATE #3: Wheelstop (Salvaged)
- 8.2

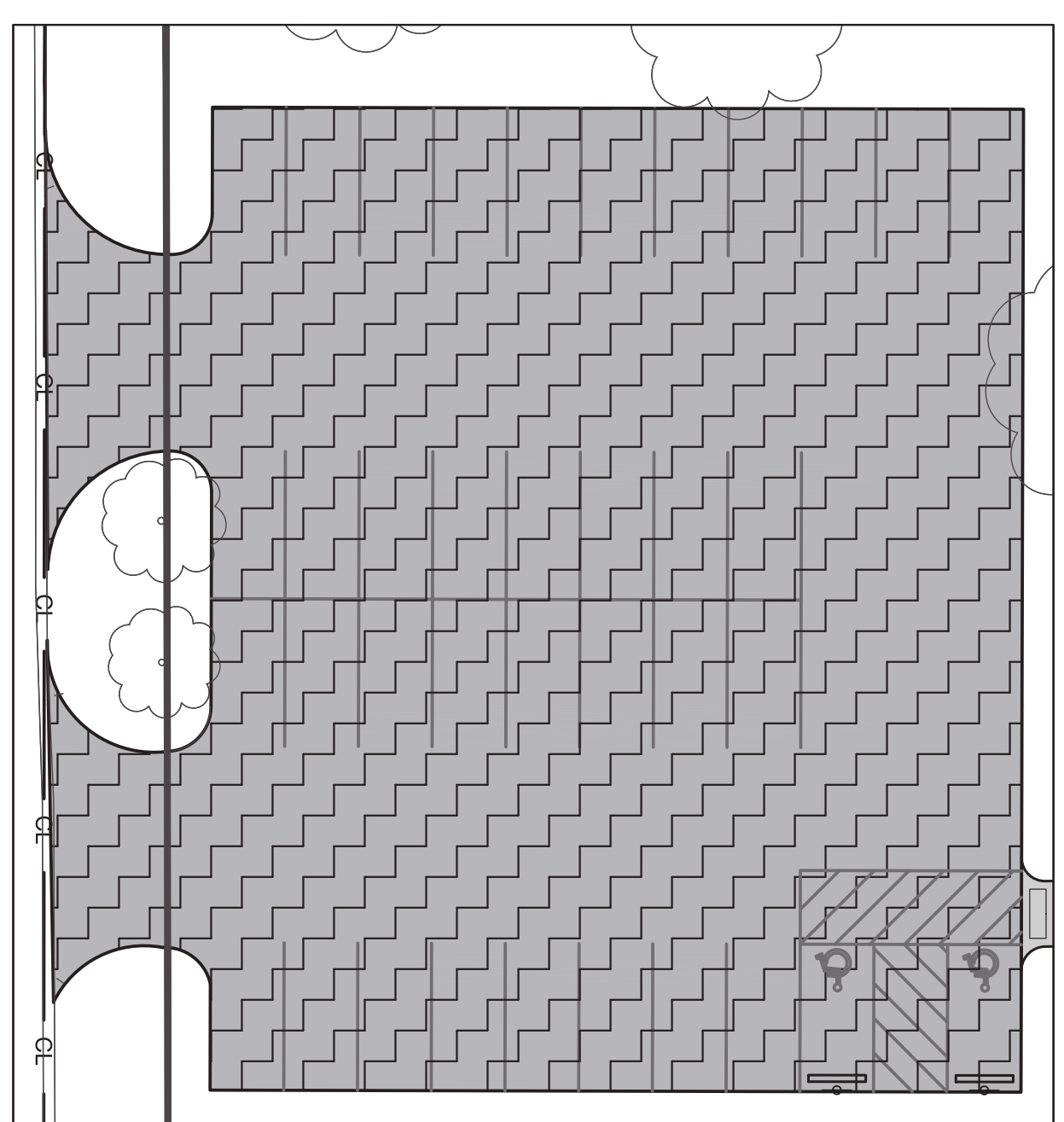
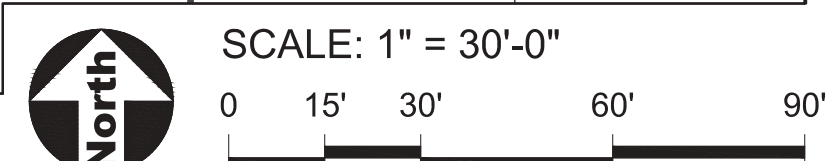
- 3 8' - Chainlink Fence - PVC Coated
- 8.3
- 7 Fence Post Footing
- 8.3

ALTERNATE #3:  
**West Parking Lot**



**LEGEND**

	Concrete Paving		PVC Coated Chainlink Fence
	ALTERNATE #2: Concrete Paving		Construction Limits
	Asphalt Paving - Parking		Construction Fence
	ALTERNATE #3: Asphalt Paving - Parking		
	Asphalt Paving - Trail or Court		
	ALTERNATE #2: Asphalt Paving - Trail		
	Engineered Wood Fiber Surfacing		
	Concrete Expansion Joints		



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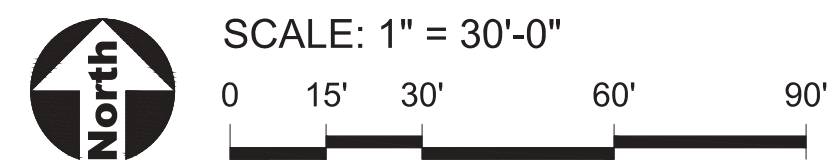
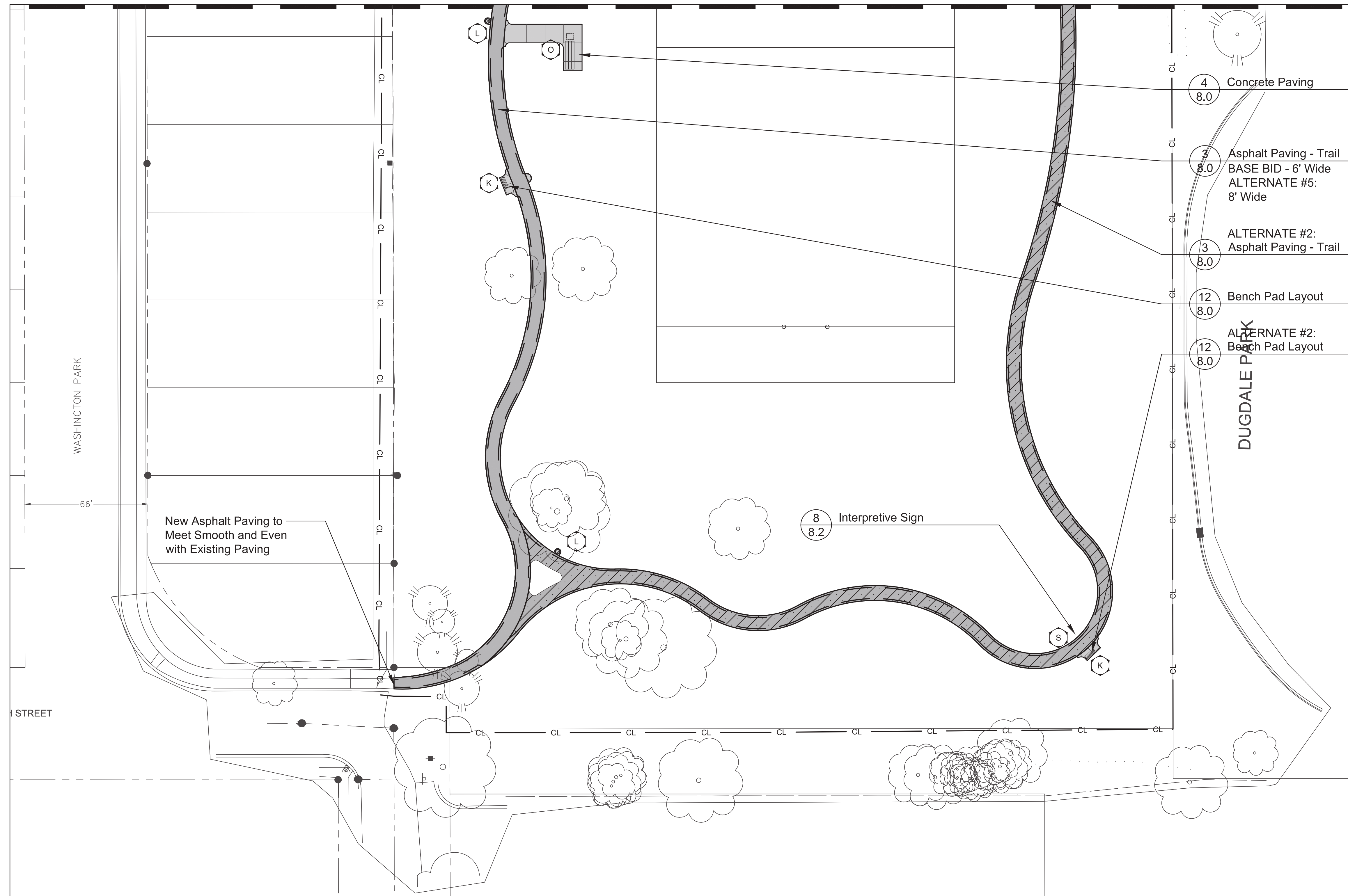
REVISIONS


PROJECT NUMBER **1262**

SHEET TITLE  
**Layout Plan- Middle & West Lot Enlargement**

SHEET NUMBER

Matchline 3.1



- LEGEND**
- Concrete Paving
  - Asphalt Paving - Trail
  - ALTERNATE #2:  
Asphalt Paving - Trail
  - Engineered Wood Fiber Surfacing
  - EJ Concrete Expansion Joints
  - PVC Coated Chainlink Fence
  - CL Construction Limits
  - CF Construction Fence



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PROJECT  
**Dugdale Park Renovation**

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ORIGINAL ISSUE DATE

**Issue for Bid** 17DEC2024

REVISIONS


PROJECT NUMBER **1262**

SHEET TITLE  
**Layout Plan-South**

SHEET NUMBER

**3.2**



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PROJECT  
**Dugdale Park Renovation**

1525 W Dugdale Rd. Waukegan, IL 60085

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ORIGINAL ISSUE DATE

**Issue for Bid** 17DEC2024

REVISIONS

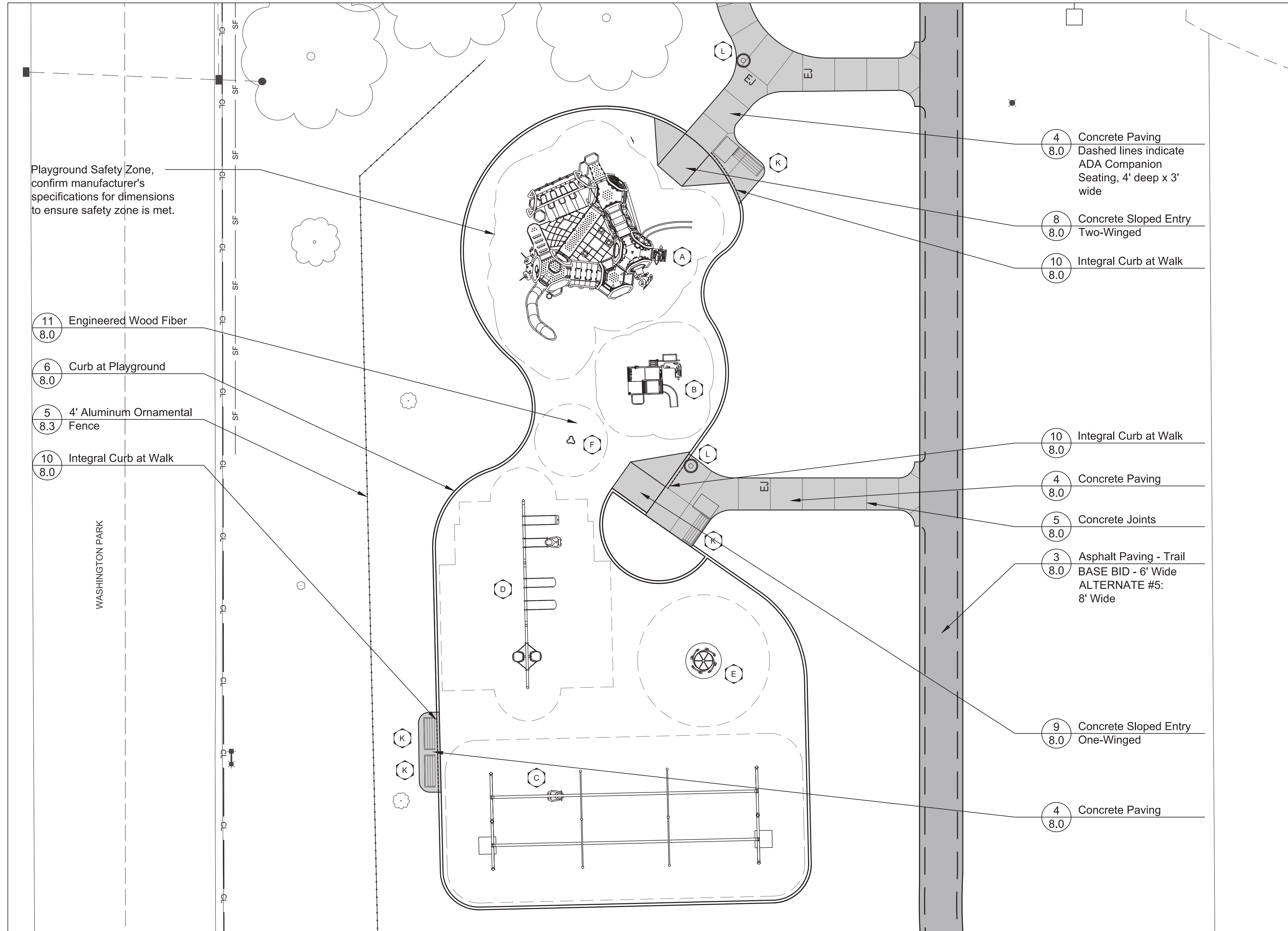

PROJECT NUMBER **1262**

SHEET TITLE

**Layout Plan-  
Playground  
Enlargement**

SHEET NUMBER

**3.3**



Playground Safety Zone, confirm manufacturer's specifications for dimensions to ensure safety zone is met.

- 11 Engineered Wood Fiber 8.0
- 6 Curb at Playground 8.0
- 5 4' Aluminum Ornamental Fence 8.3
- 10 Integral Curb at Walk 8.0

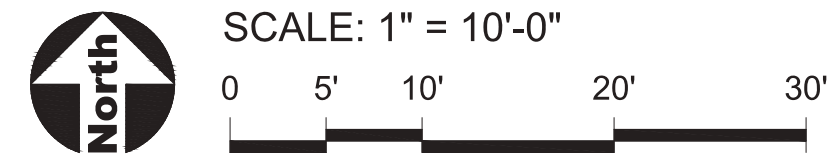
- 4 Concrete Paving 8.0  
Dashed lines indicate ADA Companion Seating, 4' deep x 3' wide
- 8 Concrete Sloped Entry 8.0  
Two-Winged
- 10 Integral Curb at Walk 8.0

- 10 Integral Curb at Walk 8.0
- 4 Concrete Paving 8.0
- 5 Concrete Joints 8.0
- 3 Asphalt Paving - Trail 8.0  
BASE BID - 6' Wide  
ALTERNATE #5: 8' Wide

- 9 Concrete Sloped Entry 8.0  
One-Winged
- 4 Concrete Paving 8.0

LEGEND

- Concrete Paving
- Asphalt Paving - Parking
- Asphalt Paving - Trail or Court
- Engineered Wood Fiber Surfacing
- EJ Concrete Expansion Joints
- PVC Coated Chainlink Fence
- CL Construction Limits
- CF Construction Fence
- 8' CFH Critical Fall Height





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PROJECT  
**Dugdale Park  
Renovation**

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ORIGINAL ISSUE DATE

**Issue for Bid** 17DEC2024

REVISIONS

NO.	DATE	DESCRIPTION

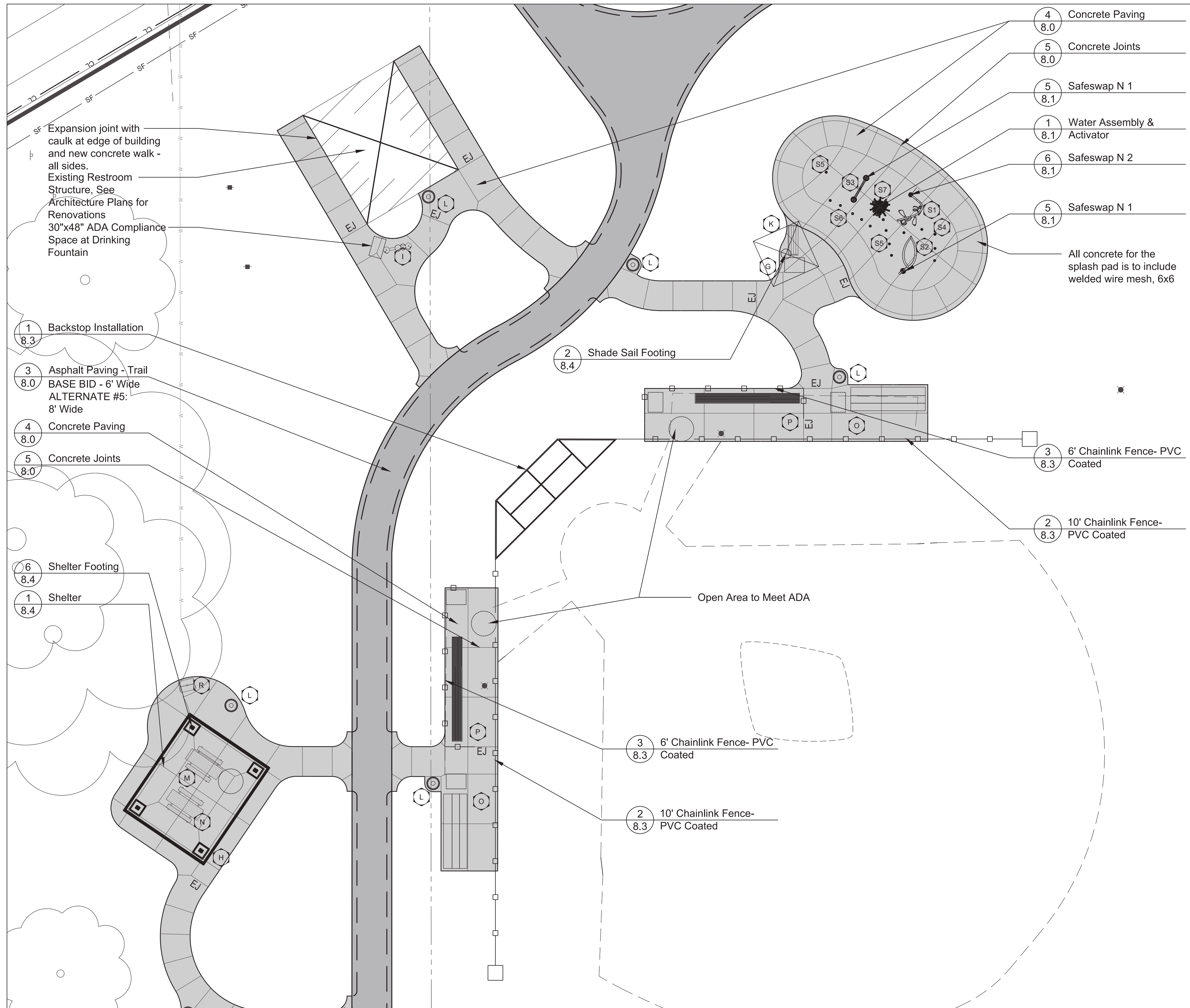
PROJECT NUMBER **1262**

SHEET TITLE

**Layout Plan-  
Baseball, Splash  
Pad & Shelter  
Enlargement**

SHEET NUMBER

**3.4**



SPLASH PAD SCHEDULE

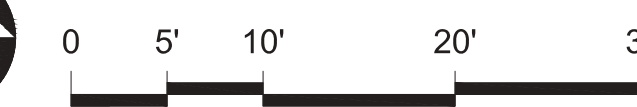
Key	Item	Color	Quantity	Model	Manufacturer	Supplier
S1	Vine	Green, Yellow SeeFlow	1	102143-304L	Vortex	Vortex 1 (877) 856-7839
S2	Leaf N°2	Green, Green SeeFlow	1	103457-304L		
S3	Arch	Forest Green	1	104567-304L		
S4	Spraylink Geyser	Standard (Floor)	1	109921-304L		
S5	Spraylink Jet N°1	Standard (Floor)	9	108168-304L		
S6	Spraylink Arch	Standard (Floor)	6	109903-304L		
S7	Smartpoint No1	Standard (Floor)	7	106353-304L		

LEGEND

- Concrete Paving
- Asphalt Paving - Parking
- Asphalt Paving - Trail or Court
- Engineered Wood Fiber Surfacing
- Concrete Expansion Joints
- PVC Coated Chainlink Fence
- Construction Limits
- Construction Fence



SCALE: 1" = 10'-0"



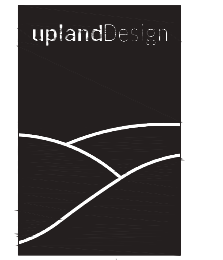


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# Dugdale Park Renovation

1525 W Dugdale Rd. Waukegan, IL 60085

## PROJECT TEAM



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ORIGINAL ISSUE DATE

**Issue for Bid** 17DEC2024

## REVISIONS

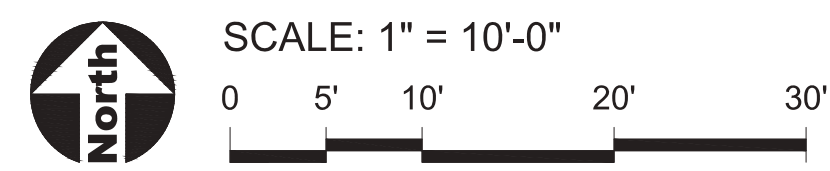
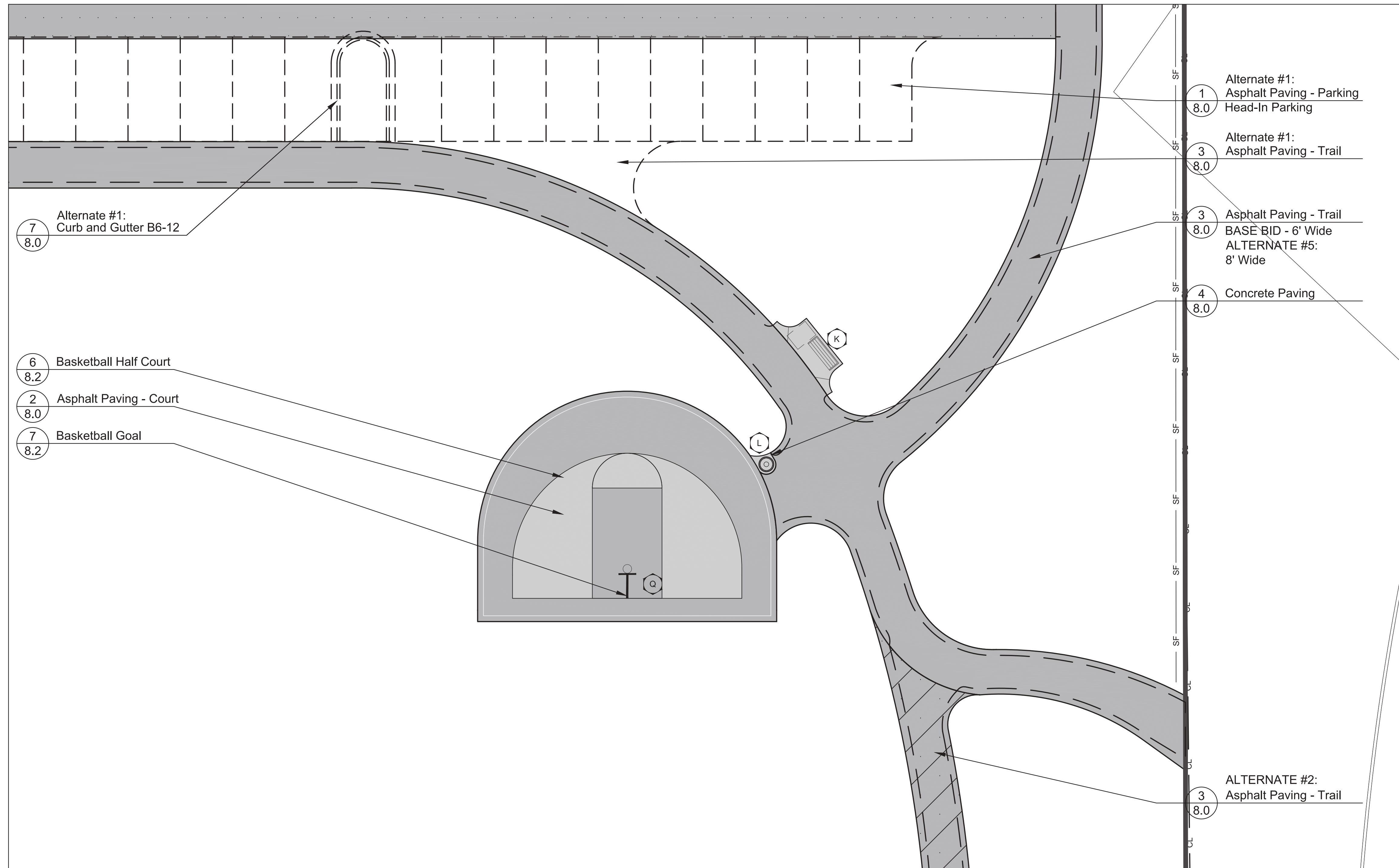

PROJECT NUMBER **1262**

## SHEET TITLE

# Layout Plan- Basketball Enlargement

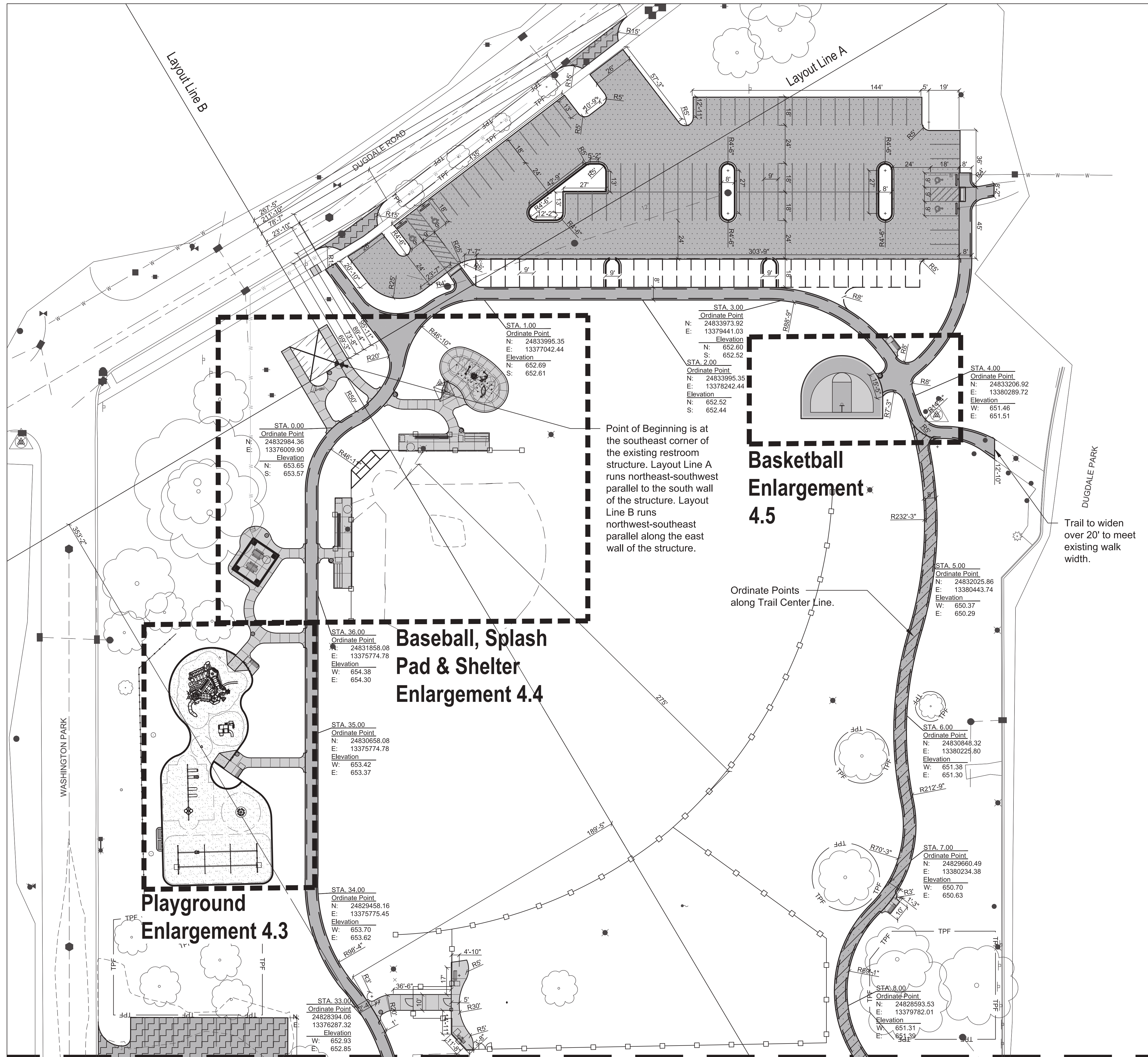
## SHEET NUMBER

# 3.5

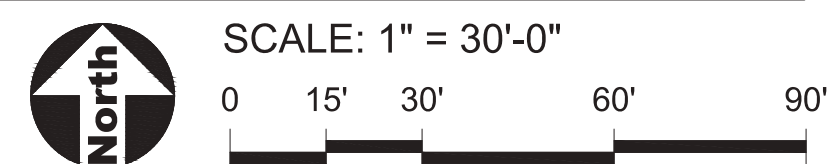


## LEGEND

- Concrete Paving
- Asphalt Paving - Parking
- Asphalt Paving - Trail or Court
- ALTERNATE #2: Asphalt Paving - Trail
- Engineered Wood Fiber Surfacing
- EJ Concrete Expansion Joints
- PVC Coated Chainlink Fence
- Construction Limits
- CF Construction Fence



Matchline 4.1



GENERAL NOTES: DIMENSION

1. Layout of equipment is to center of post.
2. Layout play equipment with safety zones to be staked by the Contractor for review by Owner's Representative prior to play equipment installation.
3. Paving radii shall be formed completely and shall smoothly transition into tangents and adjoining lines. Dimensions are to face of curb and edge of pavement unless otherwise specified.
4. Dimensions are in feet or degrees. Dimensions are perpendicular & parallel unless otherwise noted.
5. See Layout Plan, Sheet 3.0 for additional general notes and referenced specifications and codes.
6. Contractor shall perform all construction layout for the project. Contractor will be provided with an electronic file in AutoCAD format to assist with layout. Neither the Owner nor their representative shall be responsible for setting additional layout points.

STATIONING NOTES

1. Stationing is set in center of 8' asphalt trail.
2. Stationing begins with STA 0.00 at the southwest corner of the north parking lot and continues clockwise.
3. Stations are 100' on center.
4. Ordinate point is North, South, East and West, and is in the center of the trail.
5. Elevations shown are on the West Side.
6. Slopes between stations to be smooth and even.

LEGEND

- Concrete Paving
- Vehicular Asphalt Paving
- ALTERNATE #3: Vehicular Asphalt Paving
- ALTERNATE #2: Asphalt Paving - Trail
- Engineered Wood Fiber
- EJ Concrete Expansion Joints
- Chainlink Fence
- Point of Beginning
- CL Construction Limits
- CF Construction Fence



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PROJECT  
**Dugdale Park Renovation**

1525 W Dugdale Rd. Waukegan, IL 60085

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REVISIONS

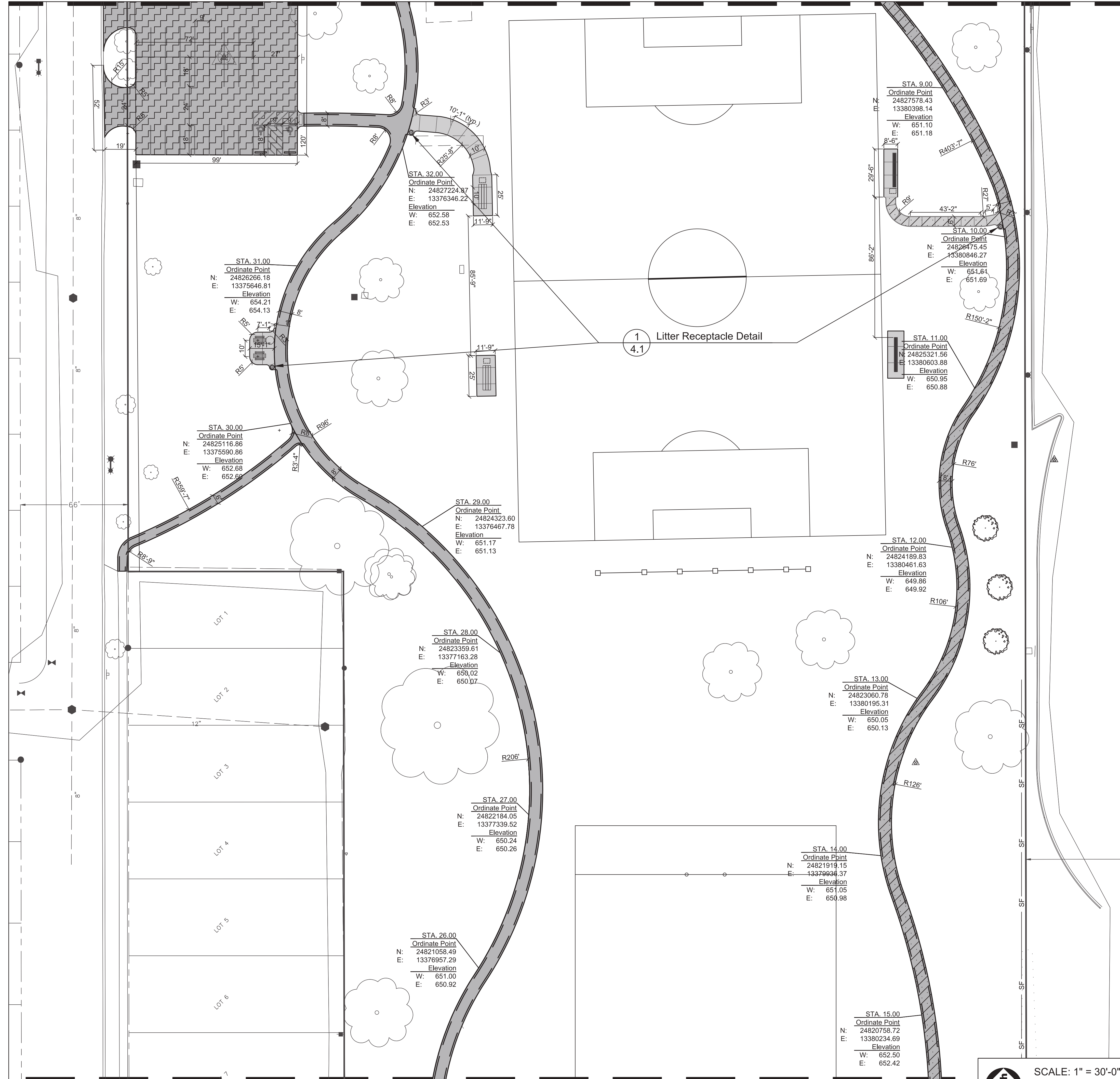
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PROJECT NUMBER **1262**

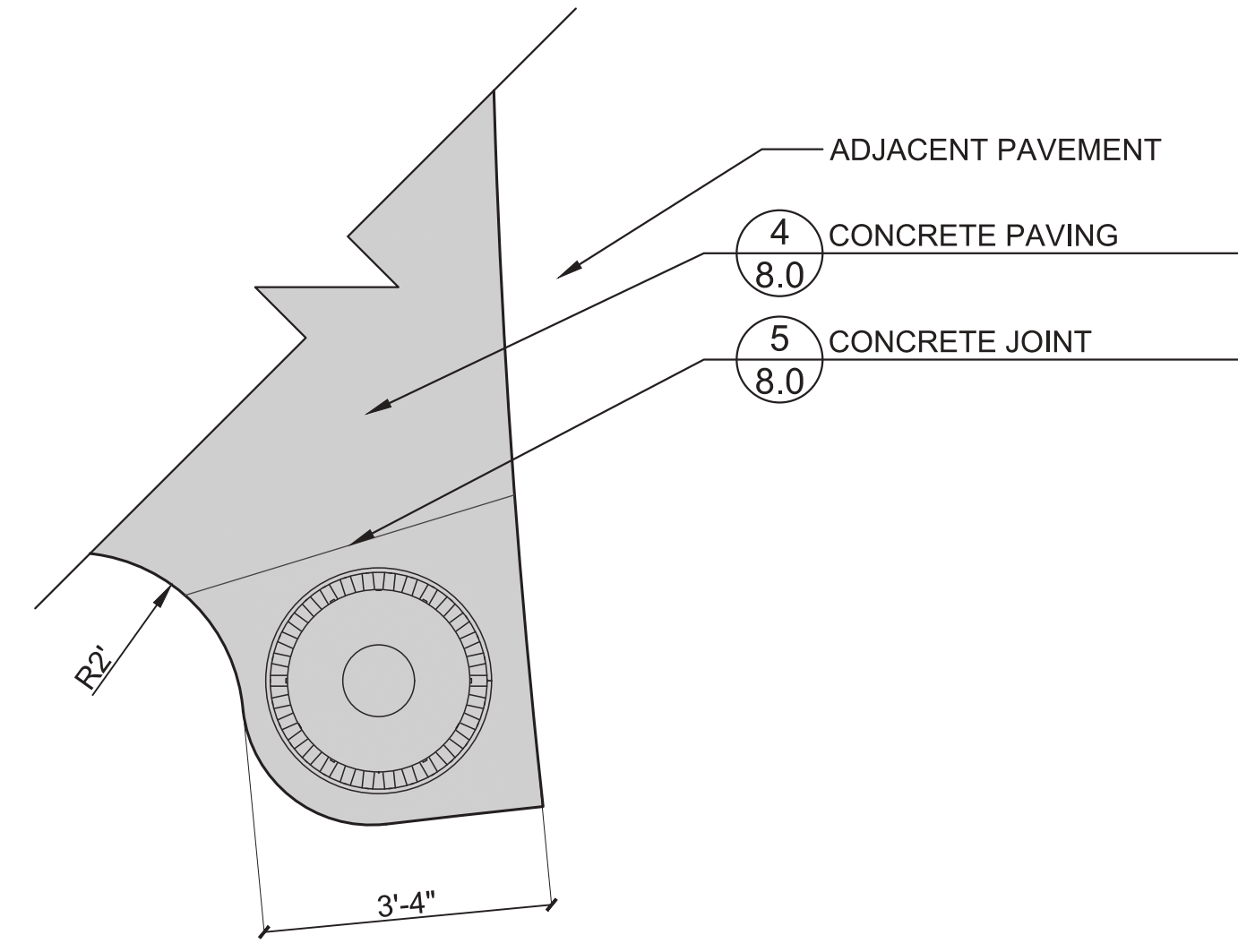
SHEET TITLE  
**Dimension Plan - North**

SHEET NUMBER

**4.0**



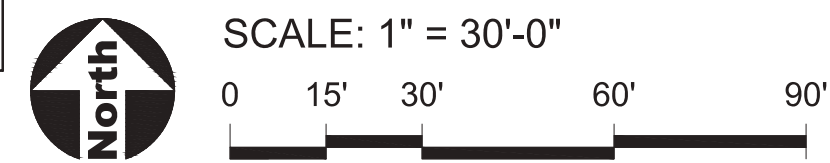
1 Litter Receptacle Detail  
4.1



1 Litter Receptacle Detail  
SCALE: 1/2"=1'-0" d-litter\_receptacle\_24

LEGEND

- Concrete Paving
- Vehicular Asphalt Paving
- ALTERNATE #3: Vehicular Asphalt Paving
- ALTERNATE #2: Asphalt Paving - Trail
- Engineered Wood Fiber
- EJ Concrete Expansion Joints
- Chainlink Fence
- Point of Beginning
- CL Construction Limits
- CF Construction Fence



GENERAL NOTES: DIMENSION

1. See 4.0 for dimension notes



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REVISIONS

NOT FOR CONSTRUCTION	

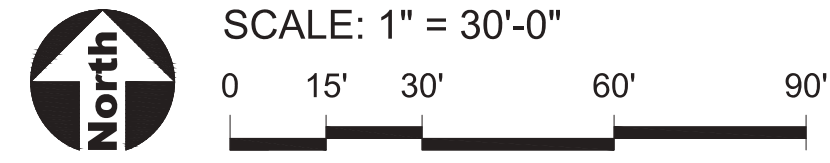
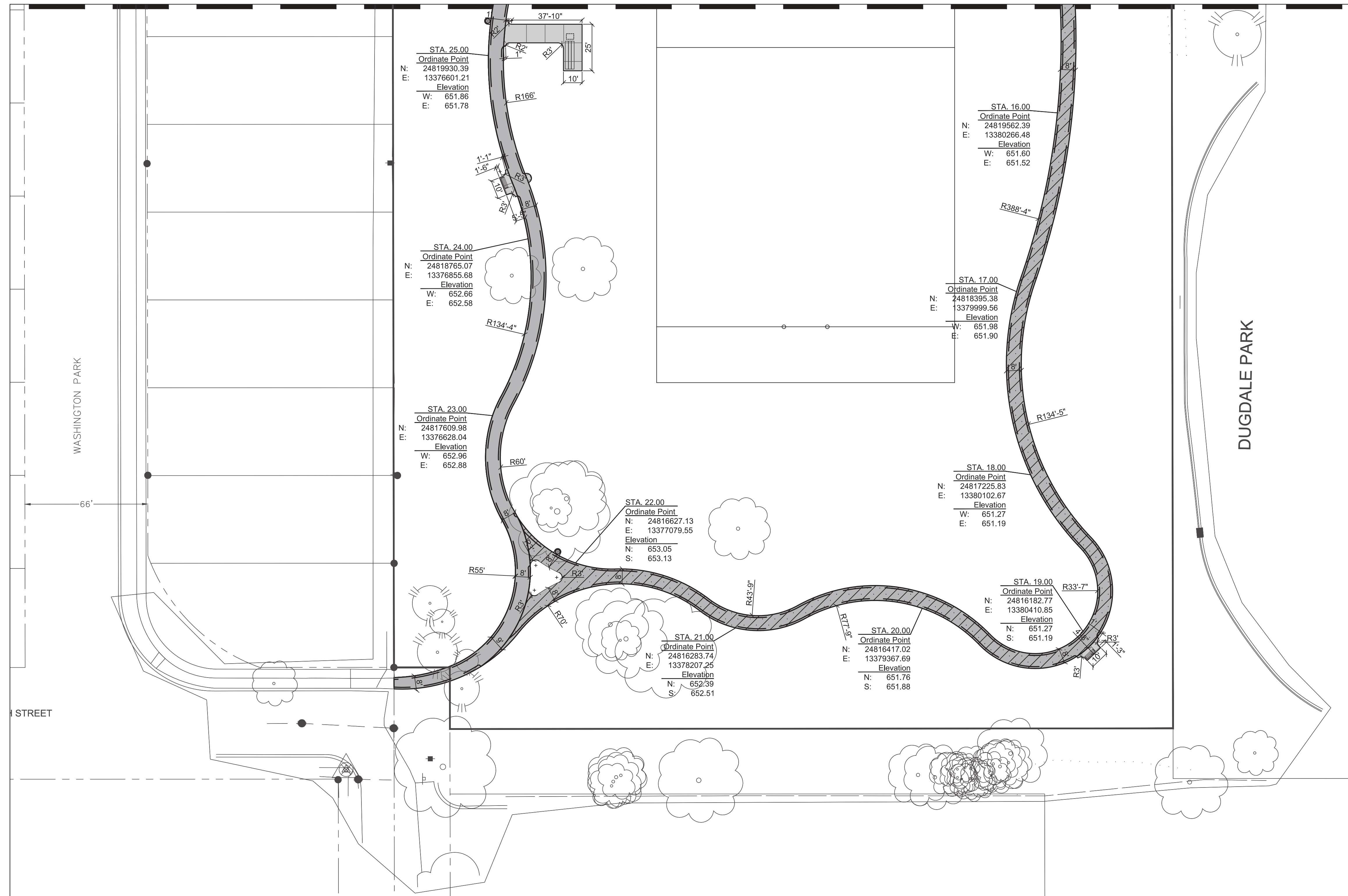
PROJECT NUMBER **1262**

SHEET TITLE  
**Dimension Plan - Middle**

SHEET NUMBER






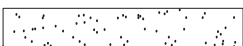





# Matchline 4.1



## GENERAL NOTES: DIMENSION

1. See 4.0 for dimension notes

### LEGEND

-  Concrete Paving
-  Vehicular Asphalt Paving
-  ALTERNATE #2:  
Asphalt Paving - Trail
-  Engineered Wood Fiber
-  EJ Concrete Expansion Joints
-  Chainlink Fence
-  Point of Beginning
-  CL Construction Limits
-  CF Construction Fence



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NOT FOR CONSTRUCTION	

PROJECT NUMBER **1262**

SHEET TITLE  
**Dimension Plan - South**

SHEET NUMBER



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PROJECT  
**Dugdale Park Renovation**

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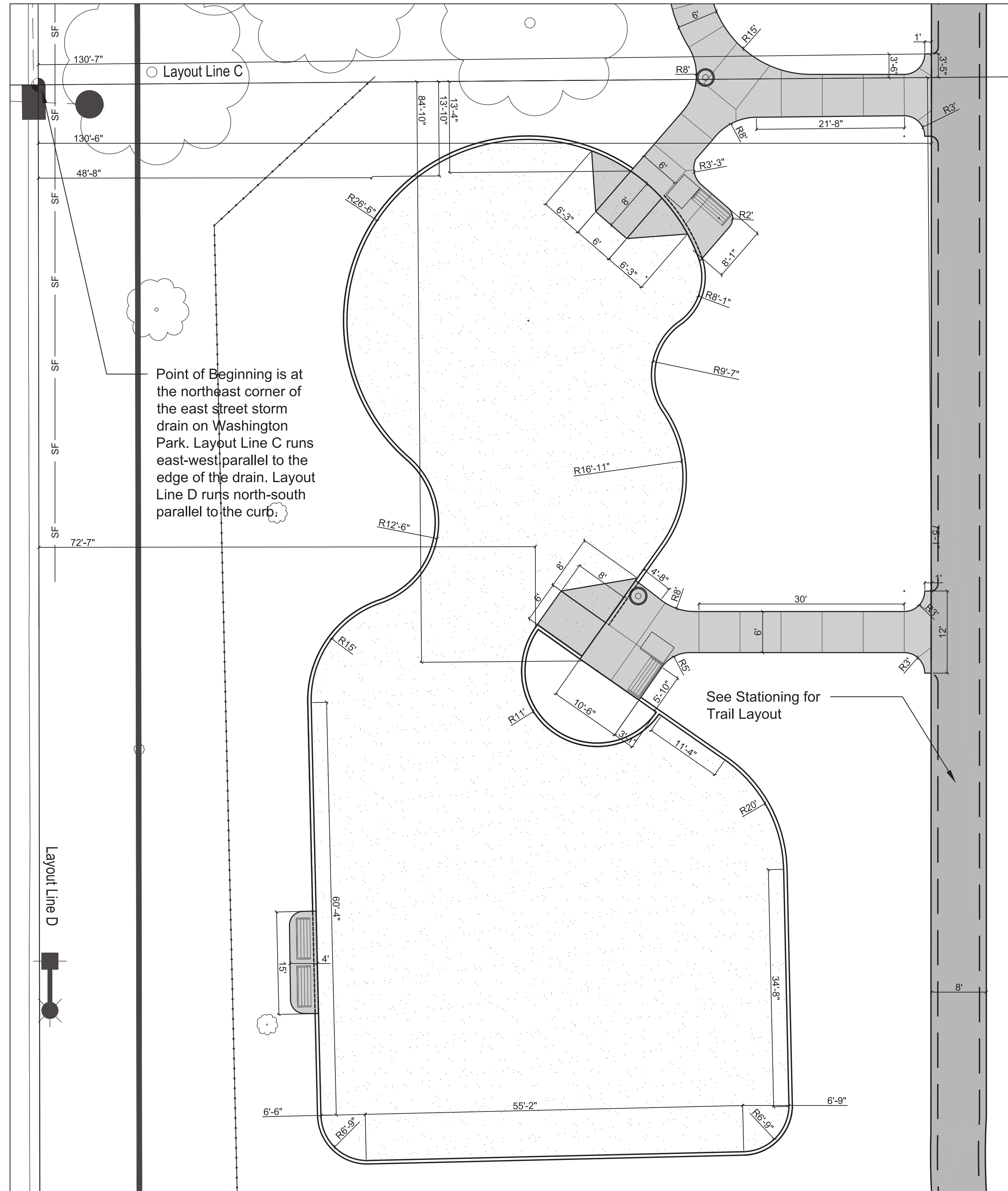
REVISIONS


PROJECT NUMBER **1262**

SHEET TITLE

**Dimension Plan -  
Playground  
Enlargement**

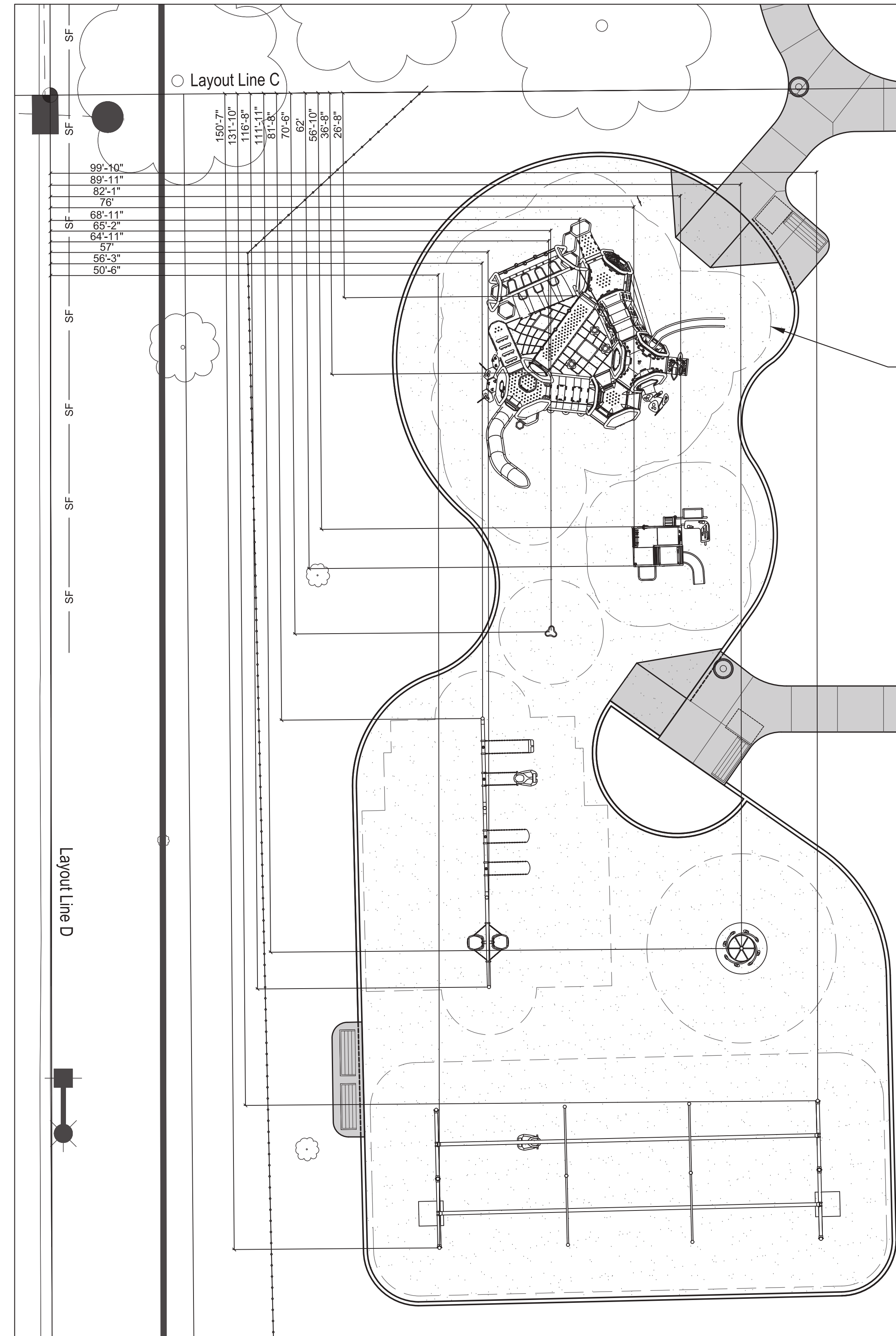
SHEET NUMBER



**Playground Site Dimension Plan**



SCALE: 1" = 10'-0"  
0 5' 10' 20' 30'



**Equipment Dimension Plan**



SCALE: 1" = 10'-0"  
0 5' 10' 20' 30'

LEGEND

- Concrete Paving
- Vehicular Asphalt Paving
- ALTERNATE #2:  
Asphalt Paving - Trail
- Engineered Wood Fiber
- EJ Concrete Expansion Joints
- Chainlink Fence
- Point of Beginning
- CL Construction Limits
- CF Construction Fence



1324 Golf Rd. Waukegan, IL 60087  
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# PROJECT Dugdale Park Renovation

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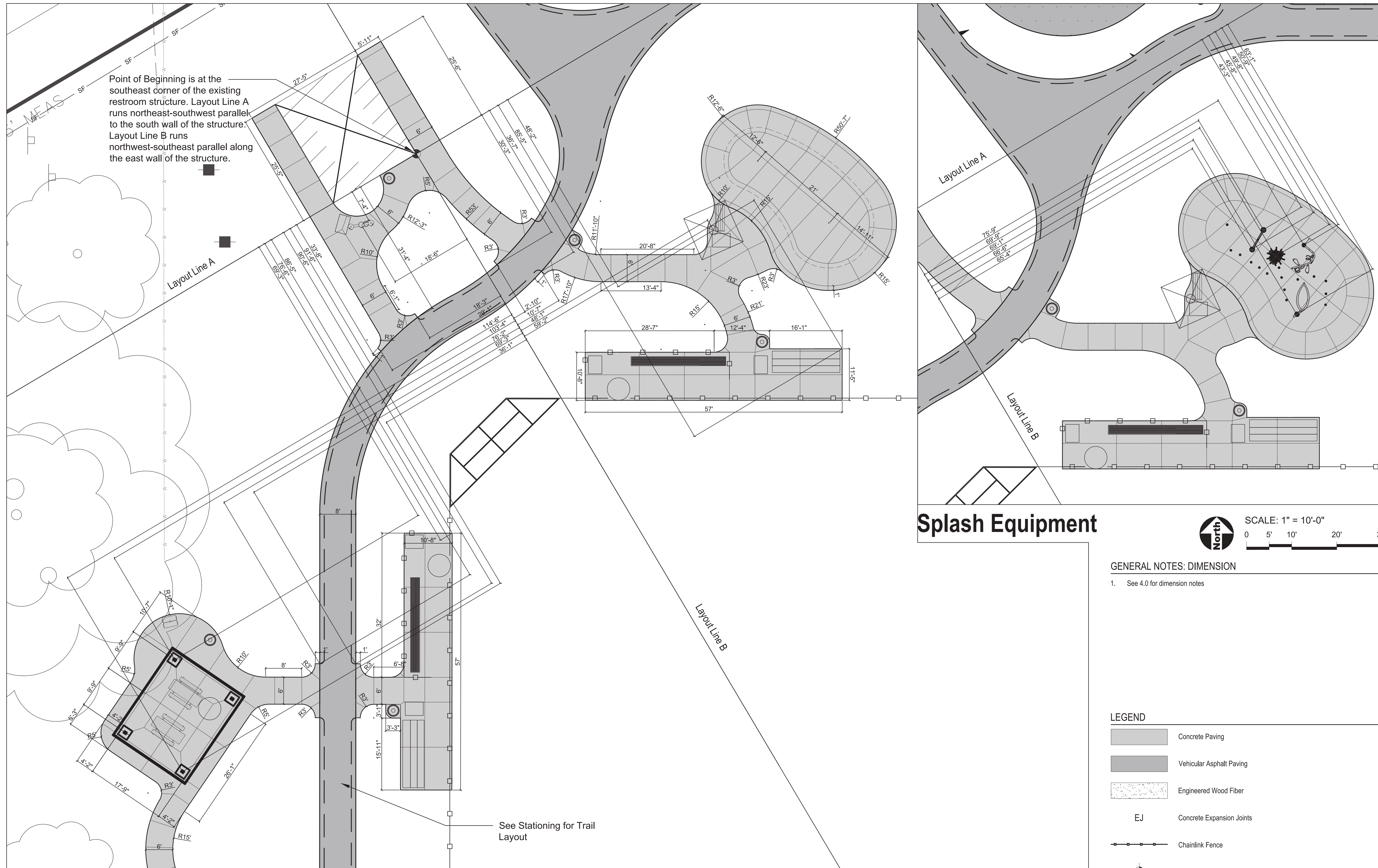
**ORIGINAL ISSUE DATE**  
**Issue for Bid** 17DEC2024

**REVISIONS**

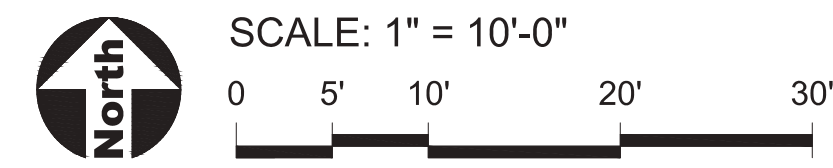

**PROJECT NUMBER** 1262

## SHEET TITLE Dimension Plan - Baseball, Splash Pad & Shelter Site Enlargement

**SHEET NUMBER**



### Splash Equipment

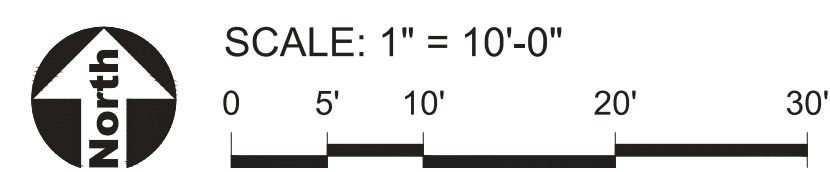


#### GENERAL NOTES: DIMENSION

- See 4.0 for dimension notes

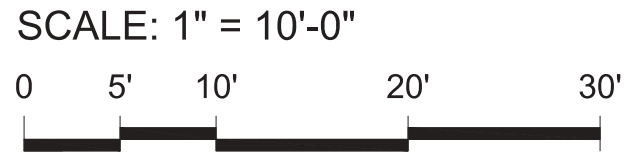
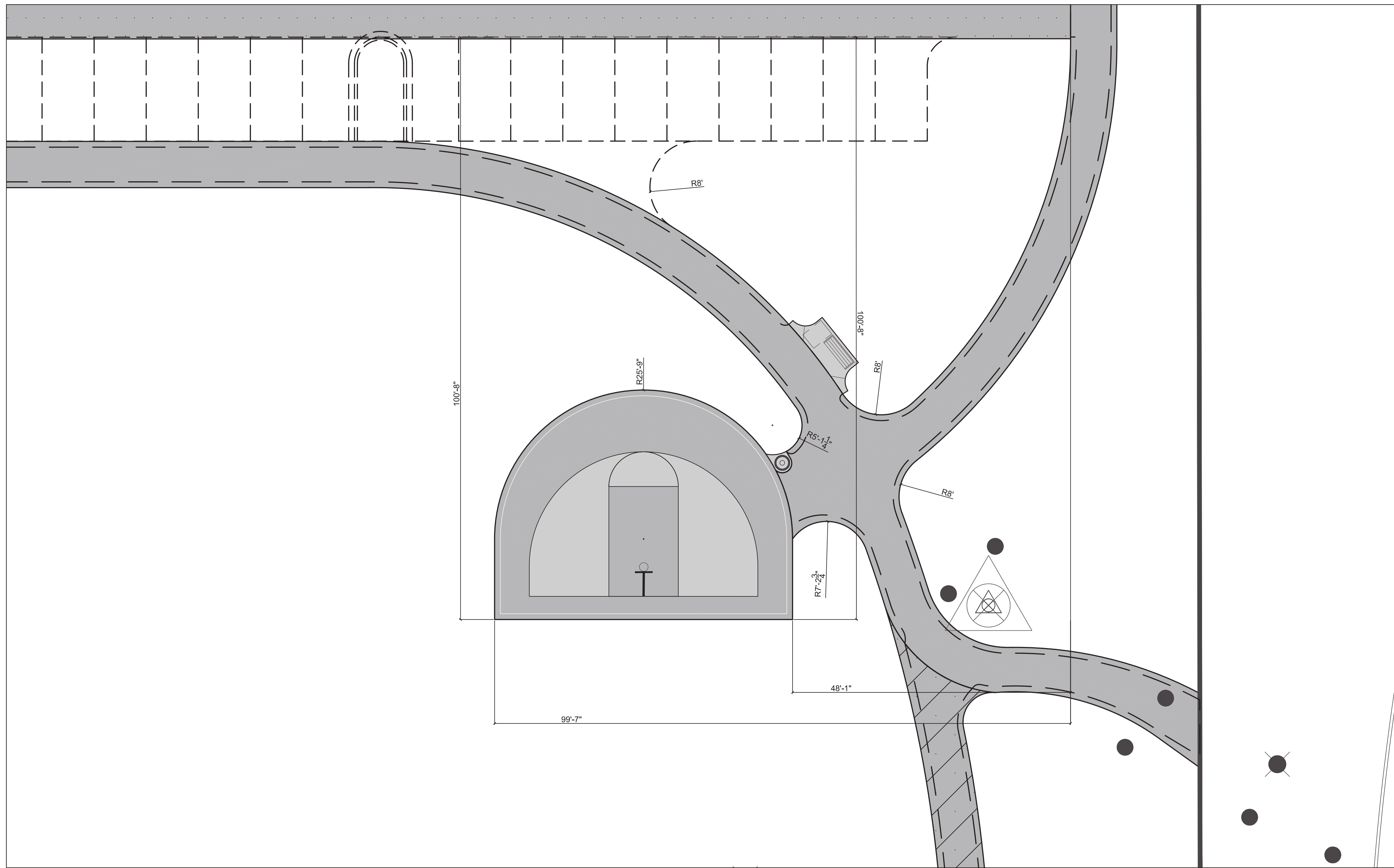
#### LEGEND

- Concrete Paving
- Vehicular Asphalt Paving
- Engineered Wood Fiber
- EJ Concrete Expansion Joints
- Chainlink Fence
- Point of Beginning
- CL Construction Limits
- CF Construction Fence



GENERAL NOTES: DIMENSION

- 1. See 4.0 for dimension notes



LEGEND

- Concrete Paving
- Vehicular Asphalt Paving
- Engineered Wood Fiber
- EJ Concrete Expansion Joints
- Chainlink Fence
- Point of Beginning
- CL Construction Limits
- CF Construction Fence



1324 Golf Rd. Waukegan, IL 60087  
Phone: 847-360-4700

PROJECT  
**Dugdale Park Renovation**  
1525 W Dugdale Rd. Waukegan, IL 60085

PROJECT TEAM

**uplandDesign Ltd**  
Landscape Architecture & Park Planning  
Chicago, Illinois 312-350-4088  
Plainfield, Illinois 815-254-0091  
uplandDesign.com

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Legat Architects  
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Phone: 847-662-3535  
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Phone: 847-882-2010  
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ORIGINAL ISSUE DATE  
**Issue for Bid** 17DEC2024

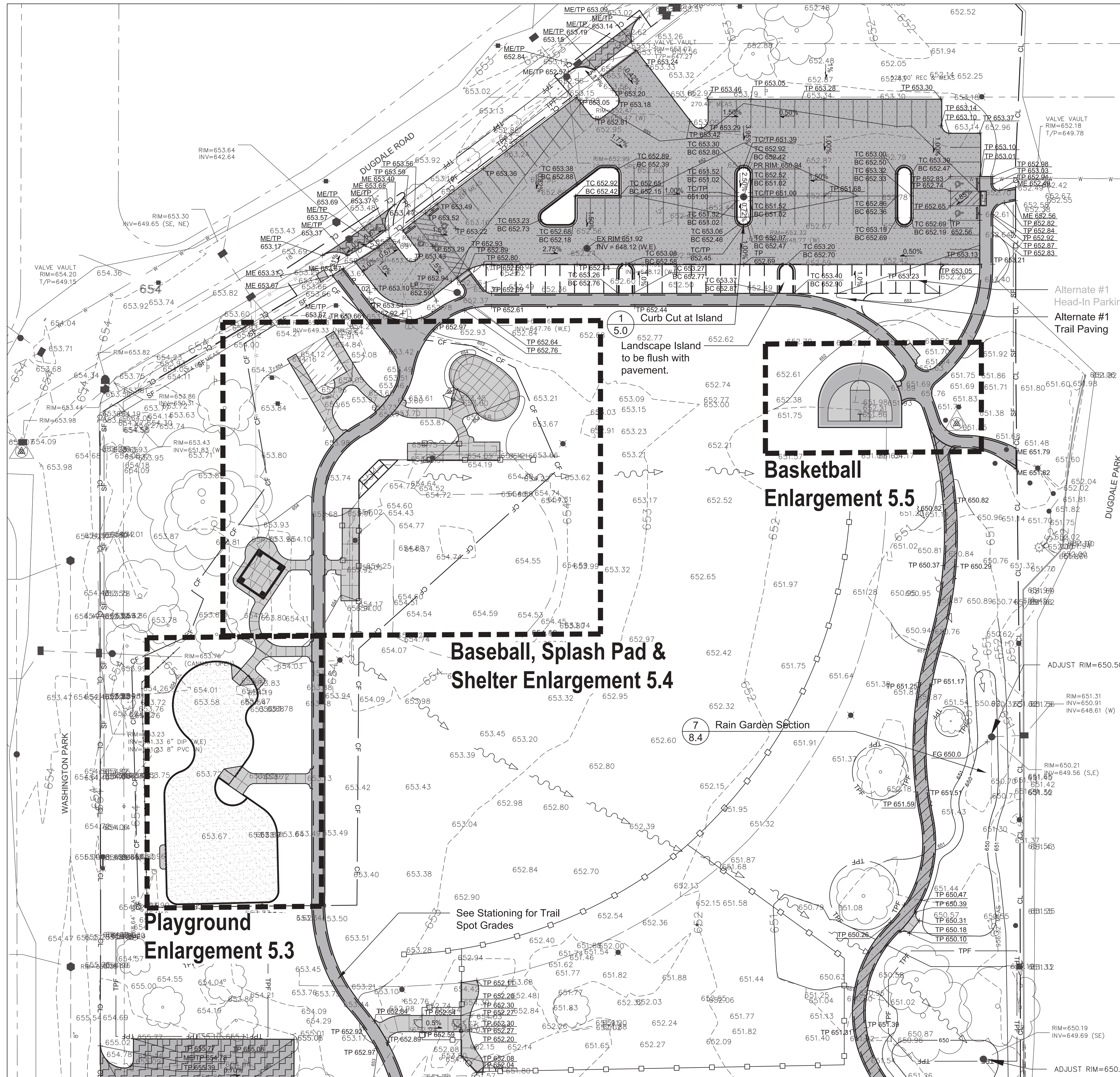
REVISIONS

NOT FOR CONSTRUCTION	

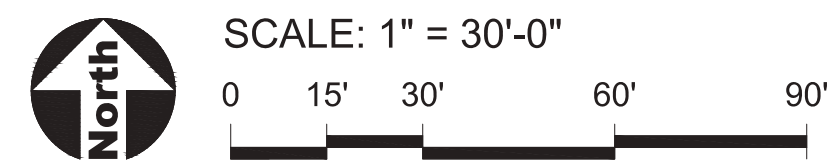
PROJECT NUMBER **1262**

SHEET TITLE  
**Dimension Plan - Basketball Enlargement**

SHEET NUMBER  
**4.5**

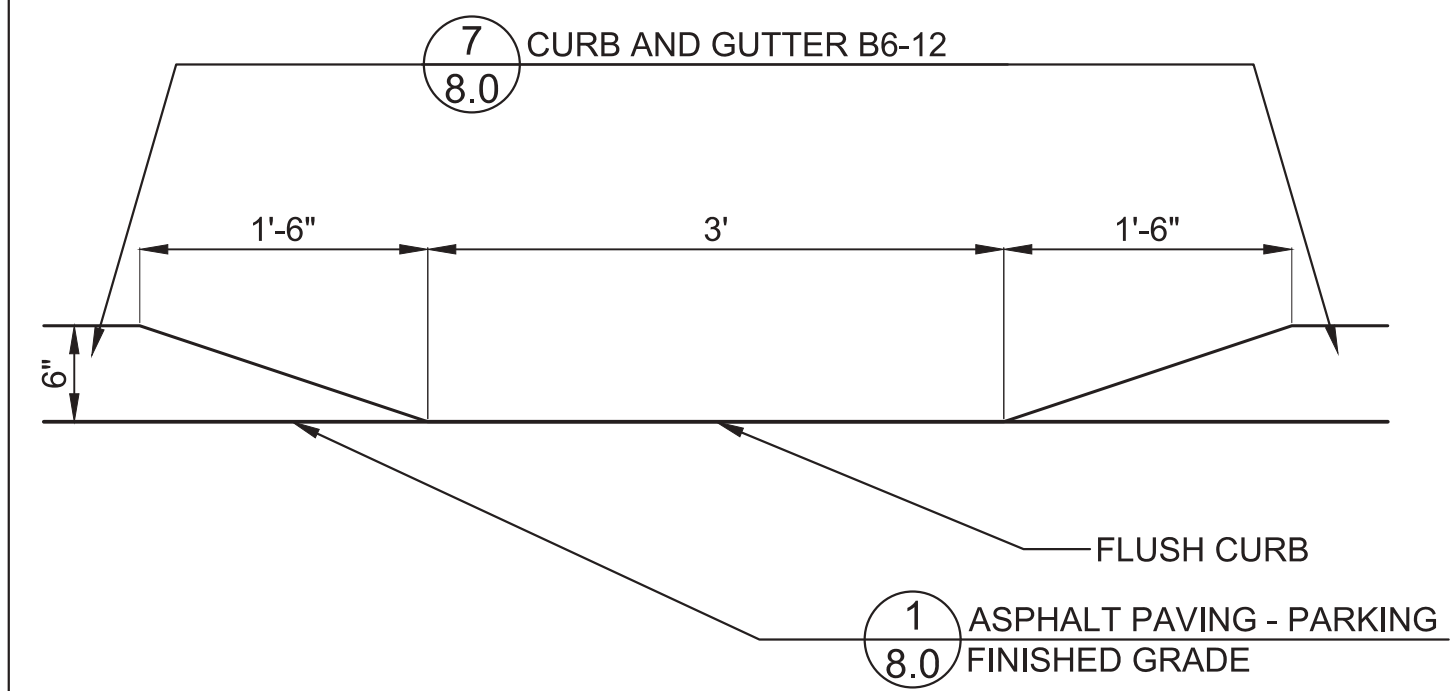


Matchline 5.1



GENERAL NOTES: GRADING

1. Finished surfaces to be smooth and even with no abrupt or awkward changes in grade. Paving to meet adjacent grades flush and smooth.
2. Contractor shall restore all areas disturbed as a result of construction.
3. All walks, drives and paved areas are to follow ADA per incorporated specifications. Any deviation shall be removed and reinstalled to follow this law.
4. All Accessible Route paving shall not exceed 4.5% in any direction. Cross slopes shall be less than 2%. Contractor shall slope all walks and slabs to eliminate ponding. ADA Turning Radius paving shall be less than 2% in all directions.
5. This work shall include the excavation, stockpile, and placement of topsoil and suitable excavated material along with removal of all excess topsoil and debris off site and dispose of legally.
6. Follow the Illinois Procedures and Standards for Urban Soil Erosion and Sedimentation Control, IEPA Standards and Specifications for Soil Erosion and Sedimentation Control, and U.S. Soil Conservation Service Field Engineering Handbook.
7. Transitions between paving types (i.e. concrete to asphalt) shall be smooth. Transitions not to exceed 1/8" vertical or horizontal difference.
8. Grading at parking lots to be graded as necessary per plans.
9. **Existing soil from site excavation to be placed in Native Seed Areas. Berming slopes not to exceed 5:1 slopes, and overall height not to exceed 9 inches. Refer to Removal and Landscape Plans for locations.**



1 Curb Cut at Island  
SCALE: 1"=1'-0"  
d-curb cut\_island\_12

LEGEND

---	681	Existing Contour Line
---	681	Proposed Contour Line
+	685.35	Existing Spot Elevation
+	689.66	Proposed Spot Elevation
→	2%	Drainage Flow Direction
---	CL	Construction Limits / Construction Fence

INDEX OF ACRONYMS AND ABBREVIATIONS

HP	- High Point
ME	- Match Existing Elevation
TC	- Top of Curb
TP	- Top of Pavement



1324 Golf Rd. Waukegan, IL 60087  
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PROJECT  
**Dugdale Park Renovation**

1525 W Dugdale Rd. Waukegan, IL 60085

PROJECT TEAM  
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ORIGINAL ISSUE DATE  
**Issue for Bid** 17DEC2024

REVISIONS

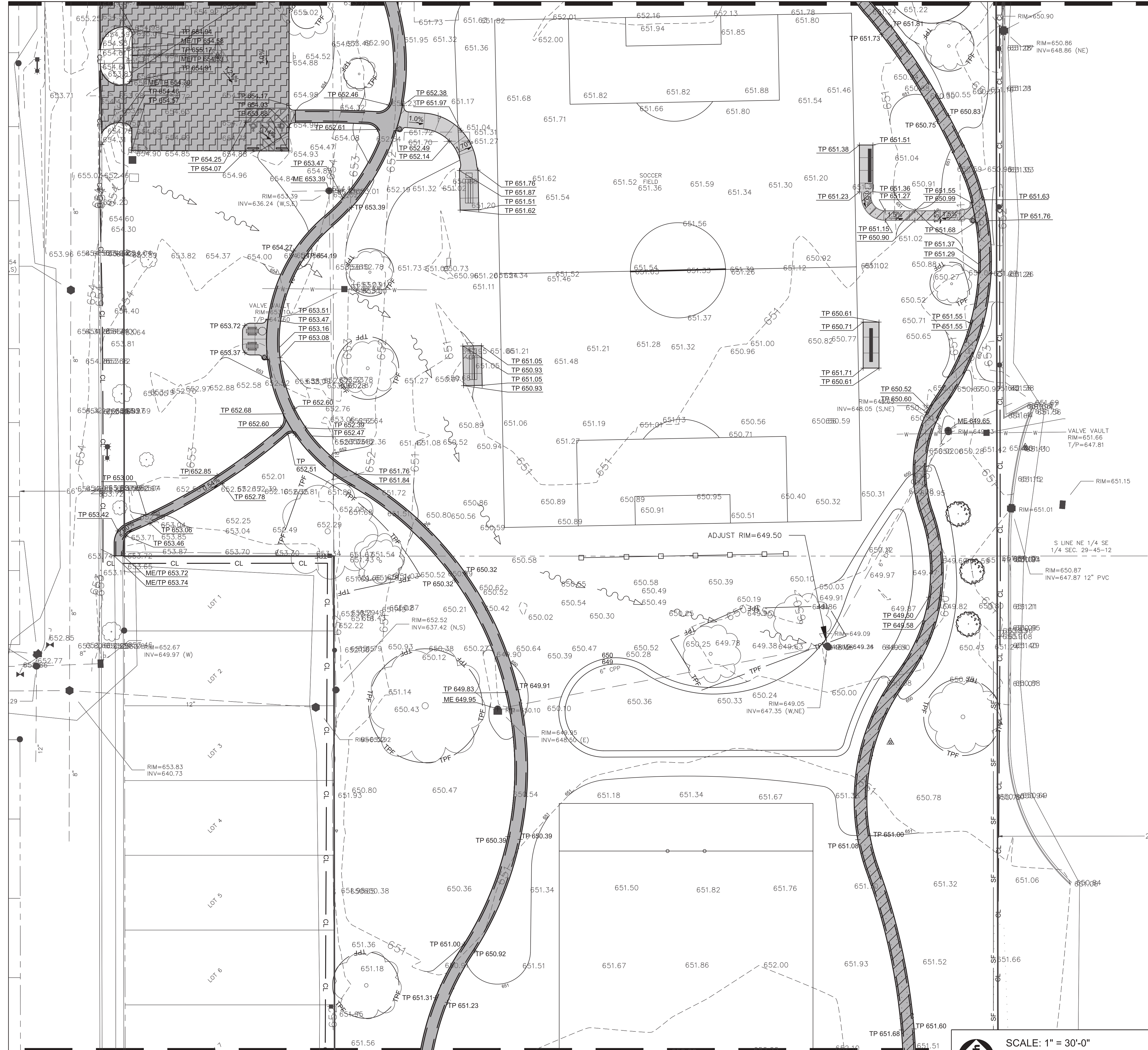

NOT FOR CONSTRUCTION

PROJECT NUMBER **1262**

SHEET TITLE  
**Grading Plan - North**

SHEET NUMBER

**5.0**



GENERAL NOTES: GRADING

- See Sheet 5.0 for Grading Notes.
- Existing soil from site excavation to be placed in Native Seed Areas. Berming slopes not to exceed 5:1 slopes, and overall height not to exceed 9 inches. Refer to Removal and Landscape Plans for locations.



1324 Golf Rd. Waukegan, IL 60087  
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PROJECT  
**Dugdale Park Renovation**

1525 W Dugdale Rd. Waukegan, IL 60085

PROJECT TEAM

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ORIGINAL ISSUE DATE  
**Issue for Bid** 17DEC2024

REVISIONS

NO.	DESCRIPTION	DATE

PROJECT NUMBER **1262**

LEGEND

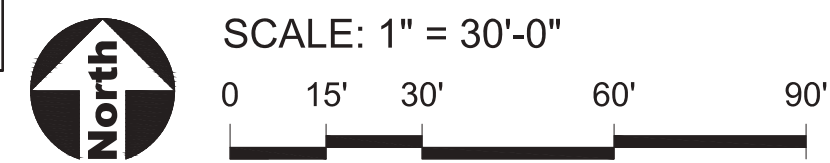
- 681 Existing Contour Line
- 681 Proposed Contour Line
- Existing Spot Elevation
- 689.66 Proposed Spot Elevation
- 2% Drainage Flow Direction
- CL Construction Limits / Construction Fence

INDEX OF ACRONYMS AND ABBREVIATIONS

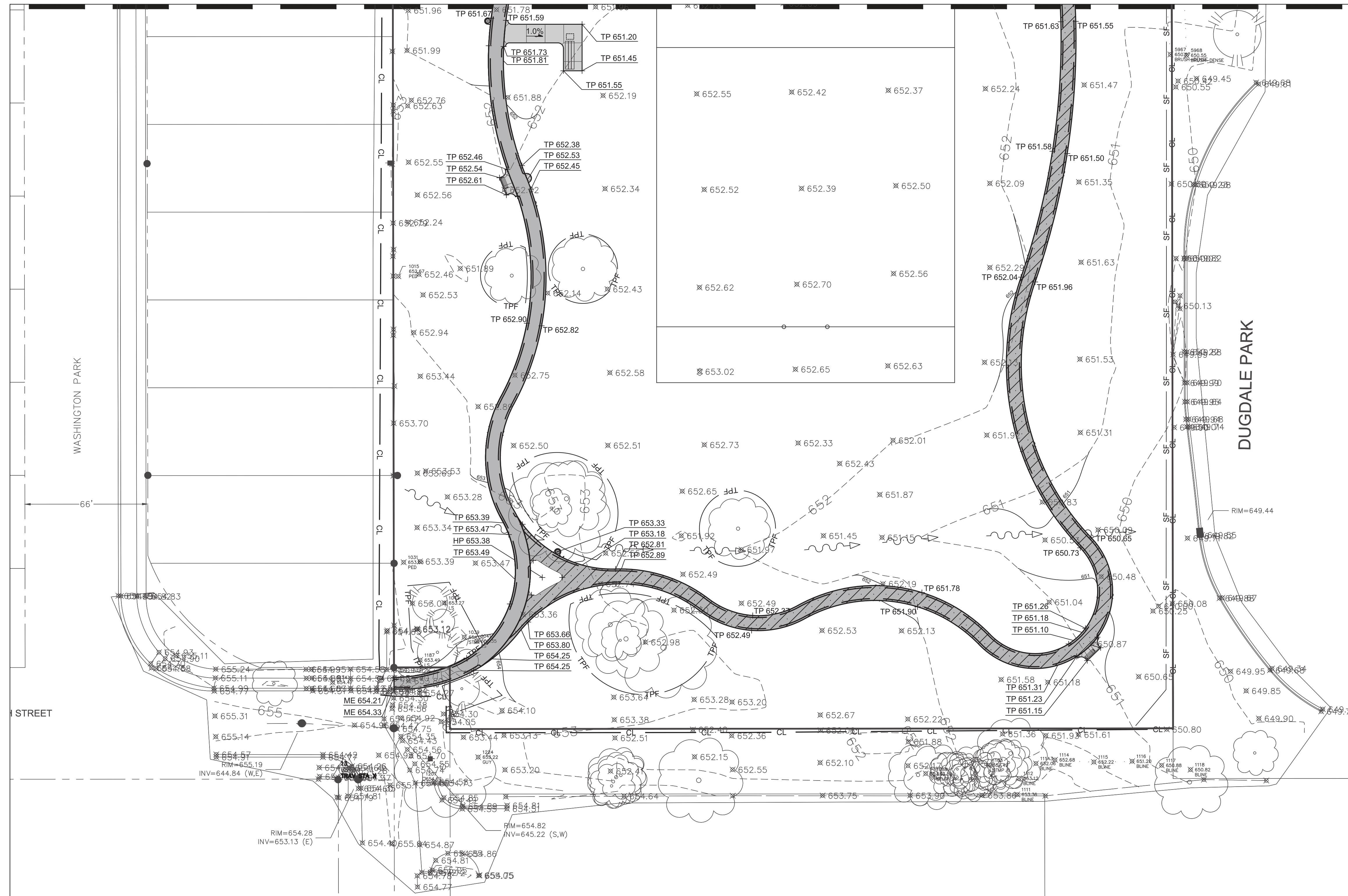
- HP - High Point
- ME - Match Existing Elevation
- TC - Top of Curb
- TP - Top of Pavement

SHEET TITLE  
**Grading Plan - Middle**

SHEET NUMBER



# Matchline 5.1



## GENERAL NOTES: GRADING

- See Sheet 5.0 for Grading Notes.
- Existing soil from site excavation to be placed in Native Seed Areas. Berming slopes not to exceed 5:1 slopes, and overall height not to exceed 9 inches. Refer to Removal and Landscape Plans for locations.



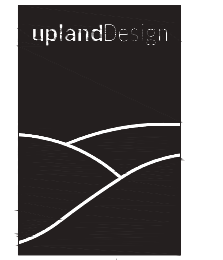
1324 Golf Rd. Waukegan, IL 60087  
Phone: 847-360-4700

## PROJECT

# Dugdale Park Renovation

1525 W Dugdale Rd. Waukegan, IL 60085

## PROJECT TEAM



## uplandDesign Ltd

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## ORIGINAL ISSUE DATE

**Issue for Bid** 17DEC2024

## REVISIONS

NO.	DESCRIPTION	DATE

PROJECT NUMBER **1262**

## SHEET TITLE

# Grading Plan - South

## SHEET NUMBER

# 5.2

## LEGEND

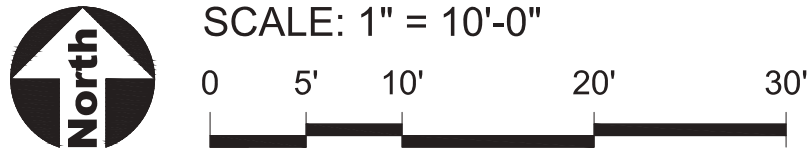
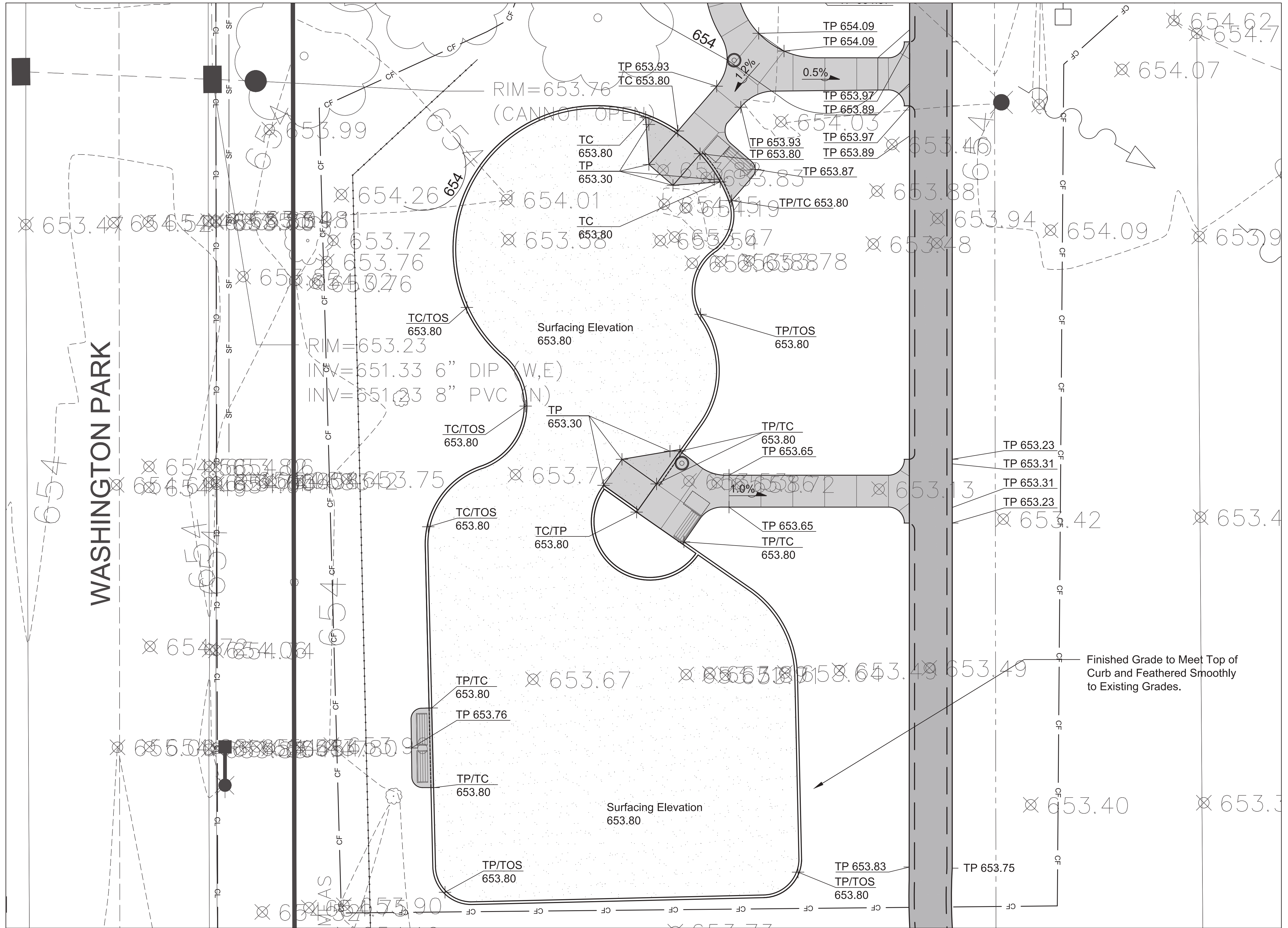
- 681 Existing Contour Line
- 681 Proposed Contour Line
- 685.35 Existing Spot Elevation
- 689.66 Proposed Spot Elevation
- 2% Drainage Flow Direction
- CL Construction Limits / Construction Fence

## INDEX OF ACRONYMS AND ABBREVIATIONS

- HP - High Point
- ME - Match Existing Elevation
- TC - Top of Curb
- TP - Top of Pavement
- TOS - Top of Surface

GENERAL NOTES: GRADING

- See Sheet 5.0 for Grading Notes.
- Existing soil from site excavation to be placed in Native Seed Areas. Berming slopes not to exceed 5:1 slopes, and overall height not to exceed 9 inches. Refer to Removal and Landscape Plans for locations.



LEGEND

- 681 Existing Contour Line
- 681 Proposed Contour Line
- Existing Spot Elevation
- Proposed Spot Elevation
- Drainage Flow Direction
- CL Construction Limits / Construction Fence

INDEX OF ACRONYMS AND ABBREVIATIONS

- HP - High Point
- ME - Match Existing Elevation
- TC - Top of Curb
- TP - Top of Pavement
- TOS - Top of Surface



1324 Golf Rd. Waukegan, IL 60087  
Phone: 847-360-4700

PROJECT  
**Dugdale Park  
Renovation**

1525 W Dugdale Rd. Waukegan, IL 60085

PROJECT TEAM



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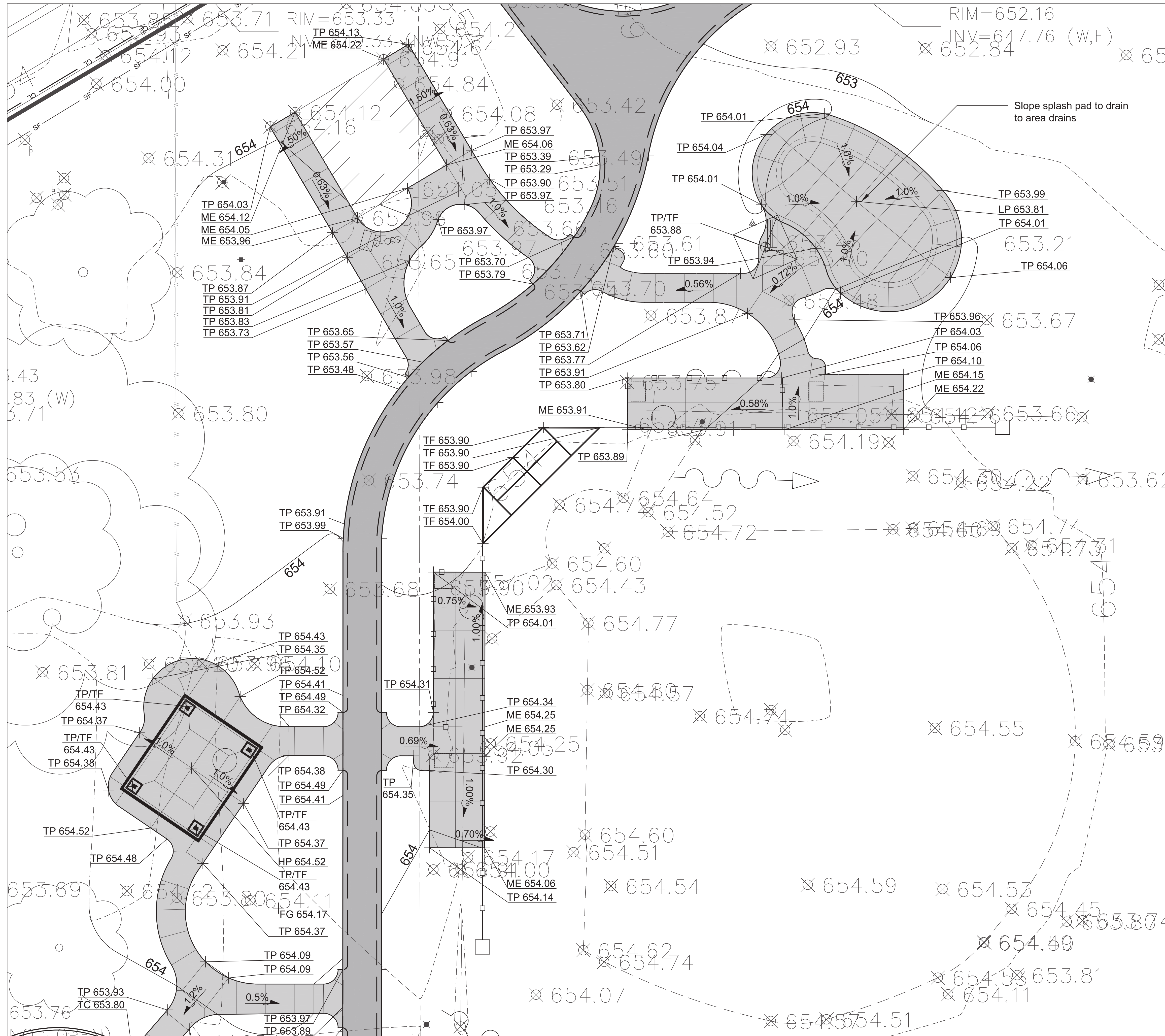
PROJECT NUMBER **1262**

SHEET TITLE  
**Grading Plan -  
Playground  
Enlargement**

SHEET NUMBER

**5.3**





**GENERAL NOTES: GRADING**

1. See Sheet 5.0 for Grading Notes.
2. Existing soil from site excavation to be placed in Native Seed Areas. Berming slopes not to exceed 5:1 slopes, and overall height not to exceed 9 inches. Refer to Removal and Landscape Plans for locations.



1324 Golf Rd. Waukegan, IL 60087  
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**PROJECT**  
**Dugdale Park Renovation**

1525 W Dugdale Rd. Waukegan, IL 60085

**PROJECT TEAM**

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**ORIGINAL ISSUE DATE**  
**Issue for Bid** 17DEC2024

**REVISIONS**

NO.	DESCRIPTION	DATE

**PROJECT NUMBER** 1262

**SHEET TITLE**

**Grading Plan -  
Baseball, Splash  
Pad & Shelter  
Enlargement**

**SHEET NUMBER**

**5.4**

**LEGEND**

- 681 --- Existing Contour Line
- 681 — Proposed Contour Line
- ⊗ 651.80 Existing Spot Elevation
- + 689.66 Proposed Spot Elevation
- 2% ▾ Drainage Flow Direction
- CL — Construction Limits / Construction Fence

**INDEX OF ACRONYMS AND ABBREVIATIONS**

- HP - High Point
- ME - Match Existing Elevation
- TC - Top of Curb
- TP - Top of Pavement
- TOS - Top of Surface

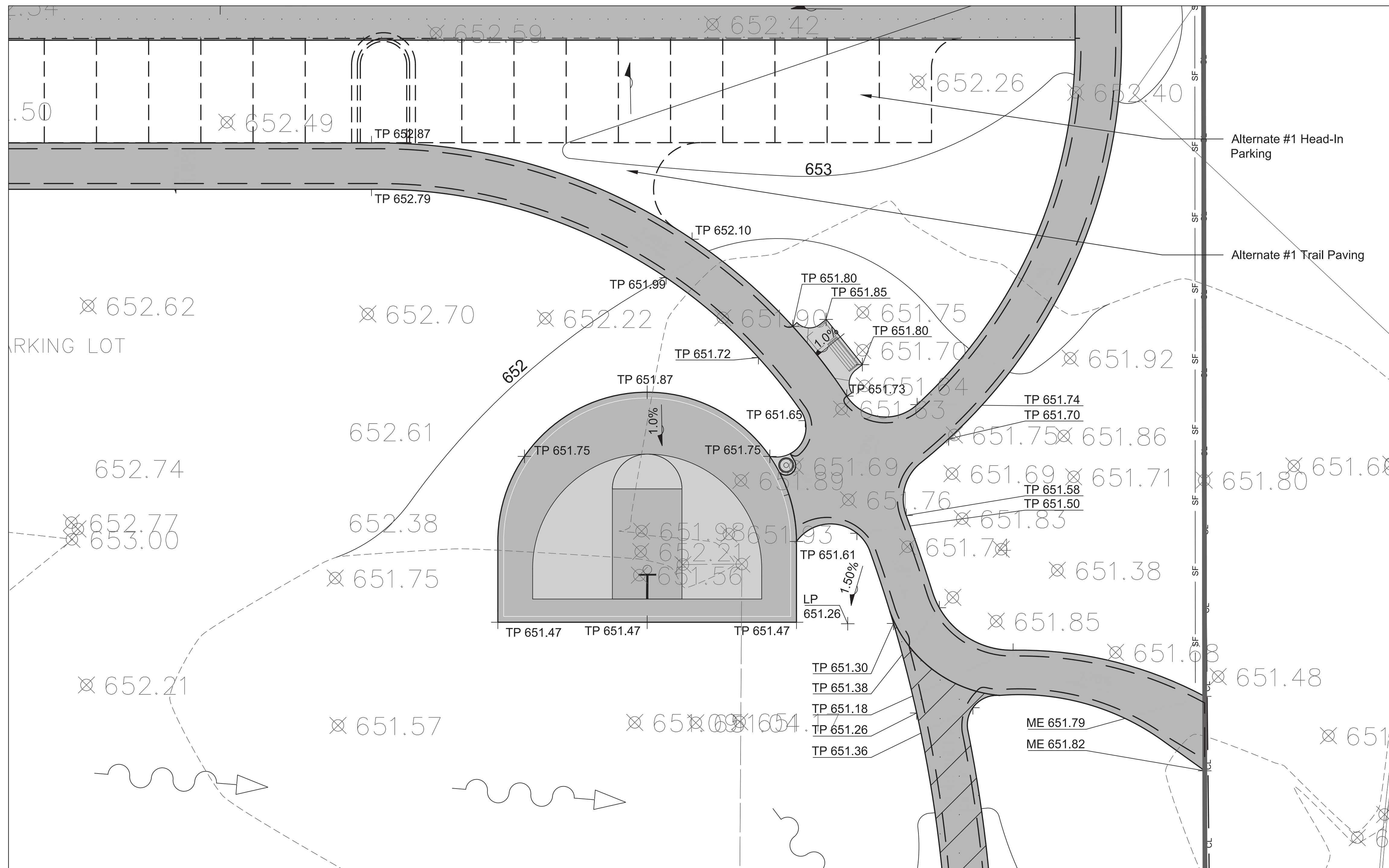


SCALE: 1" = 10'-0"



GENERAL NOTES: GRADING

- See Sheet 5.0 for Grading Notes.
- Existing soil from site excavation to be placed in Native Seed Areas. Berming slopes not to exceed 5:1 slopes, and overall height not to exceed 9 inches. Refer to Removal and Landscape Plans for locations.



LEGEND

- 681 --- Existing Contour Line
- 681 — Proposed Contour Line
- ⊗ 651.80 Existing Spot Elevation
- + 689.66 Proposed Spot Elevation
- 2% ▸ Drainage Flow Direction
- CL — Construction Limits / Construction Fence

INDEX OF ACRONYMS AND ABBREVIATIONS

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- ME - Match Existing Elevation
- TC - Top of Curb
- TP - Top of Pavement
- TOS - Top of Surface



1324 Golf Rd. Waukegan, IL 60087  
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PROJECT  
**Dugdale Park Renovation**

1525 W Dugdale Rd. Waukegan, IL 60085

PROJECT TEAM

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REVISIONS

NO.	DESCRIPTION	DATE

PROJECT NUMBER **1262**

SHEET TITLE

**Grading Plan - Basketball Enlargement**

SHEET NUMBER

**5.5**