

THE CITY OF MIDWEST CITY

Matt Dukes
Mayor

Susan Eads
Ward 1

Marc Thompson
Ward 4

Pat Byrne
Ward 2

Sara Bana
Ward 5

Rita Maxwell
Ward 3

Rick Favors
Ward 6



Tim Lyon
City Manager

Sara Hancock
City Clerk

SURVEY DATUM

HORIZONTAL CONTROL: NAD83, OKLAHOMA STATE PLANE COORDINATE SYSTEM, NORTH ZONE, (US SURVEY FEET DEFINITION), ALL COORDINATE AND DIMENSIONS SHOWN ON THESE PLANS ARE ON STATE PLAN.

VERTICAL CONTROL: NAVD88

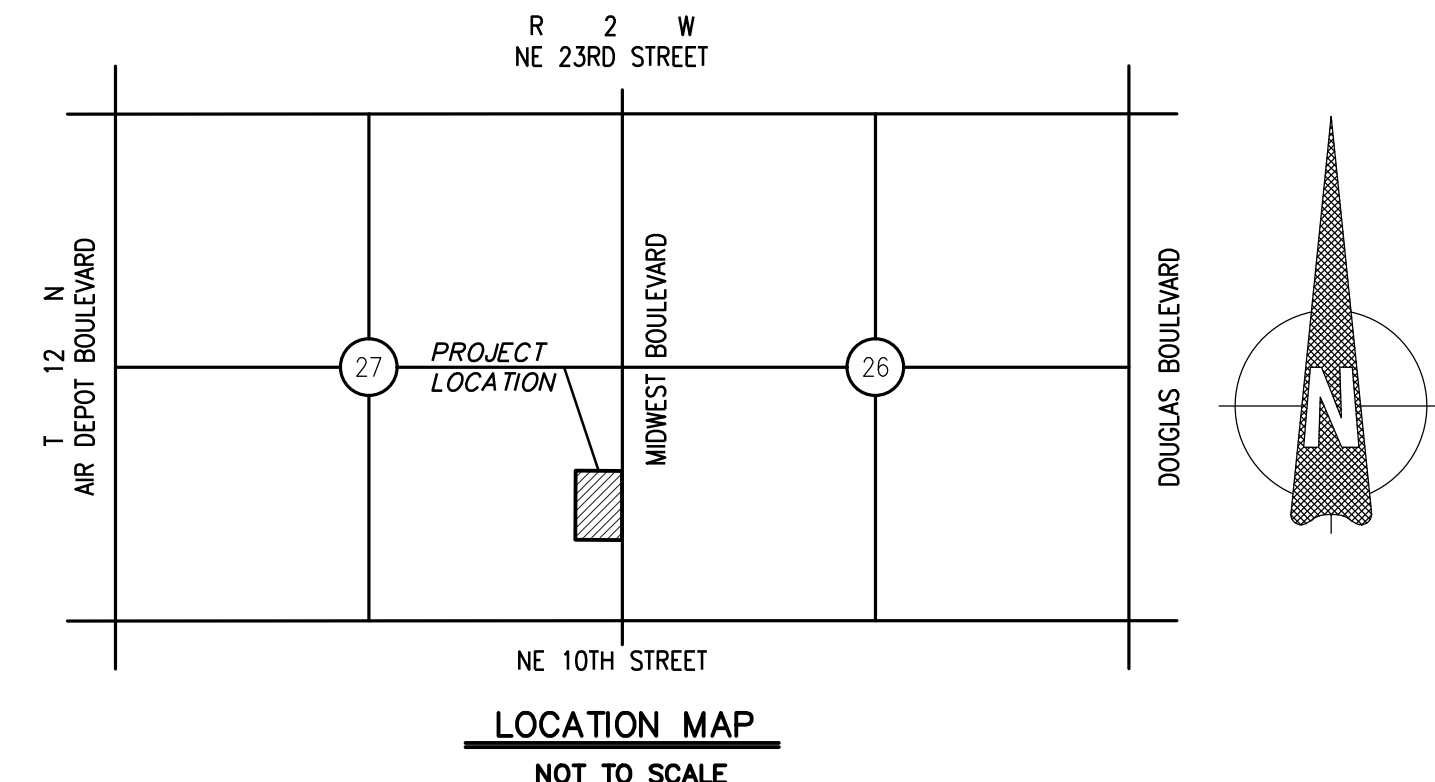
CONTROL:

PT. #	NORTH	EAST	ELEVATION	DESCRIPTION
1	758663.1221	1549793.3240	1925.6602	1/2" REBAR W/ CAP
2	758788.9373	1549796.2370	1925.3492	1/2" REBAR W/ CAP
3	758778.0609	1549878.8900	1924.4222	1/2" REBAR W/ CAP
4	758973.7034	1549864.5590	1924.5006	1/2" REBAR W/ CAP
5	759082.0214	1549882.4270	1924.3682	MAG NAIL W/ WASHER
6	759176.4457	1549804.9950	1925.4885	MAG NAIL W/ WASHER
7	759232.4537	1549891.4380	1924.7301	1/2" REBAR W/ CAP
8	759232.4537	1549891.4380	1924.7301	MAG NAIL W/ WASHER
10	759232.4537	1549891.4380	1924.7301	MAG NAIL W/ WASHER
11	759232.4537	1549891.4380	1924.7301	1/2" REBAR W/ CAP
12	759232.4537	1549891.4380	1924.7301	1/2" REBAR W/ CAP
100	759232.4537	1549891.4380	1924.7301	BM 100
101	759232.4537	1549891.4380	1924.7301	BM 101
152	759232.4537	1549891.4380	1924.7301	OKC BM 152
179	759232.4537	1549891.4380	1924.7301	OKC BM 179

MIDWEST CITY MID AMERICA PARK PHASE 1 IMPROVEMENTS PROJECT



SCALE: 1" = 600'



R.L. SHEARS COMPANY, P.C. Landscape Architects

1522 SOUTH CARSON AVENUE
TULSA, OKLAHOMA 74119
TEL 918.582.0612 FAX 918.582.0613
EMAIL: rshears@rlshearsco.com
CA # 1759, EXPIRES 06.30.2025

INDEX OF SHEETS

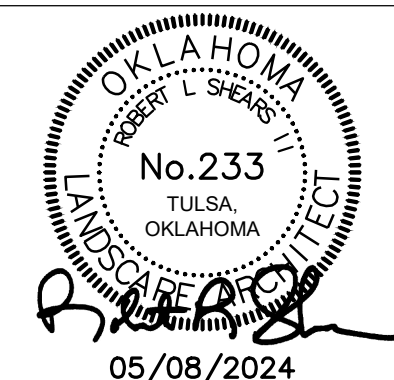
SHEET #	DESCRIPTION
1	Title Sheet
2-3	General Pay Quantities and Notes (1-2)
4	Overall Site Plan
5	Enlarged Site Plan
6	Demolition Plan
7	Clearing Plan
8	Disc Golf Course Plan
9	Overall Grading Plan
10-13	Grading Plan (1-4)
14-17	Layout Plan (1-4)
18	Electrical Conduit Plan
19	Irrigation Plan
20	Underdrain Plan
21	Overall Landscape Plan
22	Planting Plan
23-31	Construction Details (1-9)
32-33	Pavilion Details (1-2)
34	Utility Connections
35	Sanitary Sewer Plan and Profile
36	Civil Details
37	Parking Pavement Joint Layout Plan

UTILITY LOCATION NUMBER
Contact these numbers and others specified in the plans prior to any and all excavations.



840-5032
1-800-522-6543

This number is for information on the location of most underground utilities.



CONSTRUCTION INSPECTOR: _____

CONTRACTOR: _____

RECORD PLANS FILED: _____

ENGINEERING AND CONSTRUCTION SERVICES DEPARTMENT

GENERAL PAY QUANTITIES – BASE BID

ITEM#	ITEM	DESCRIPTION	NOTES	UNIT	QUAN.
1	SP1	PAVILION	3, 4	LSUM	1
2	SP2	DECORATIVE BENCH	4, 15	EA	7
3	SP3	TRASH RECEPTACLE	4, 20	EA	3
4	SP4	PICNIC TABLE	4, 23	EA	4
5	SP5	ADA ACCESSIBLE PICNIC TABLE	4, 22	EA	2
6	SP6	DISC GOLF BASKET INSTALLATION	4, 28	EA	1
7	SP7	TURF REINFORCEMENT (FLEXAMAT)	4, 24	SY	106
8	SP8	WOOD FENCE	4	LF	35
9	328400	IRRIGATION	4, 7, 13	LSUM	1
10	329000	CANOPY TREE	4, 8, 19, 21	EA	16
11	329000	ORNAMENTAL TREE	4, 8, 19, 21	EA	14
12	329000	PLANTING	4, 8, 19, 21	LSUM	1
13	SP9	CLEARING AND GRUBBING	9	LSUM	1
14	SP10	UNCLASSIFIED EXCAVATION	5	CY	100
15	SP11	UNCLASSIFIED BORROW	5	CY	100
16	SP12	EARTHWORK	1, 51	LSUM	1
17	SP13	TEMPORARY SILT FENCE	12, 32	LF	500
18	SP14	TEMPORARY FIBER LOG	32	LF	20
19	329200	SOLID SLAB SODDING	4, 11, 18	SY	8622
20	SP15	STABILIZED CONSTRUCTION EXIT	4	EA	1
21	SP16	AGGREGATE BASE - TYPE E	1, 4, 34	CY	80
22	SP17	AGGREGATE BASE - TYPE A	1	CY	517
23	SP18	SEPARATOR FABRIC	5	SY	500
24	SP19	GEOGRID REINFORCEMENT	5	SY	500
25	SP20	P.C. CONCRETE PAVEMENT (PLACEMENT)	4	SY	3102
26	SP21	P.C. CONCRETE FOR PAVEMENT	4, 6	CY	776
27	SP22	CONCRETE HEADER CURB (9" x 18")	4, 6	LF	322
28	SP23	INTEGRAL CURB	1, 4, 6	LF	1254
29	SP24	5" CONCRETE SIDEWALK	1, 4, 6, 33	SY	1239
30	SP25	6" CONCRETE SIDEWALK	1, 4, 6, 33	SY	547
31	SP26	MANHOLE (4' DIA.)	4, 47, 48	EA	1
32	SP27	ADDL. DEPTH IN MANHOLE (4' DIA.)	4	VF	8.7
33	SP28	CONNECT TO EXISTING MANHOLE	4	EA	1
34	SP29	4" PERFORATED PIPE UNDERDRAIN ROUND	4, 29	LF	228
35	SP30	4" NON-PERF. PIPE UNDERDRAIN RND.	4, 30	LF	129
36	SP31	OUTLET LATERAL HEADWALL	4, 44	EA	1
37	SP32	STANDARD BEDDING MATERIAL, CLASS B	4	CY	65
38	SP33	TRENCH EXCAVATION	4, 46	CY	410
39	SP34	18" POLYVINYL CHLORIDE (PVC) (DR 35) PIPE	4, 45	LF	278
40	SP35	SANITARY SEWER SERVICE CONNECTION	4, 49	EA	1
41	SP36	SANITARY SEWER SERVICE LINE	4, 45, 50	LF	45
42	SP37	1" POLYVINYL CHLORIDE (PVC) PIPE (TRENCHED)	26	LF	197
43	SP38	1" POLYVINYL CHLORIDE (PVC) PIPE (BORED)	43	LF	70
44	SP39	WATER METER	4, 36	EA	1
45	SP40	SERVICE CONNECTION	4	EA	1
46	SP41	12" TAPPING SADDLE	4	EA	1
47	SP42	1" TAPPING VALVE	4	EA	1
48	SP43	REMOVAL OF CONCRETE SIDEWALK	25, 35	SY	58
49	SP44	REMOVAL OF CURB AND GUTTER	25, 35	LF	86
50	SP45	REMOVAL OF MANHOLES	46	EA	1
51	SP46	REMOVAL OF EXISTING PIPE	46	LF	278
52	SP47	STAKING	2	LSUM	1
53	SP48	ELECTRICAL SERVICE	4, 42	EA	1
54	SP49	(PL) ELECTRICAL RECEPTACLE (20A)	4, 31	EA	3
55	SP50	1" SCHEDULE 40 PVC CONDUIT (TRENCHED)	14, 16	LF	374
56	SP51	2" SCHEDULE 40 PVC CONDUIT (TRENCHED)	14, 41	LF	1594
57	SP52	3" SCHEDULE 40 PVC CONDUIT (TRENCHED)	14	LF	330
58	SP53	STRUCTURAL CONCRETE	4, 40	CY	5
59	SP54	PULL BOX	1, 4, 17	EA	14
60	SP55	CAMERA POLE	4, 37	EA	2
61	SP56	SHEET ALUMINUM SIGNS	4	SF	7
62	SP57	2" @ 3.65 GALV. STEEL PIPE POST	4	LF	56
63	SP58	TRAFFIC STRIPE(MULTI-POLY.)(4" WIDE)	TS-19	LF	1493
64	SP59	TRAFFIC STRIPE(MULTI-POLY.)(24" WIDE)	TS-23	LF	48
65	SP60	CONSTRUCTION TRAFFIC CONTROL	27, TC-25, TC-33	LSUM	1
66	SP61	MOBILIZATION		LSUM	1

GENERAL PAY QUANTITIES – ADD ALTERNATE

ITEM#	ITEM	DESCRIPTION	NOTES	UNIT	QUAN.
67	SP6	DISC GOLF BASKET INSTALLATION	4, 28	EA	40
68	SP62	DISC GOLF SIGN	4, 38	LSUM	1
69	SP63	DISC GOLF FOOTBRIDGE	4, 39	EA	2
70	311000	SELECTIVE CLEARING	10	LSUM	1
71	SP15	AGGREGATE BASE - TYPE E	4, 34	CY	7
72	SP64	4" CONCRETE SIDEWALK	1, 4, 6, 33	SY	134

GENERAL PAY QUANTITY NOTES

- Price bid shall include the cost of borrow, excavation and subgrade compaction to achieve elevations as shown on the drawings.
- The General Contractor shall be responsible for all vertical and horizontal staking. Elevations shown at the existing paving may vary depending on actual field conditions. Verify spot elevations shown on the plans and report discrepancies to the Contract Administrator 3 days prior to setting forms.
- Price bid includes the cost to provide custom Polygon Gable 30x50 structure or approved equal. Contact Bryan Montgomery at ACS Playground Adventures regarding Order Number 75570, Building Number P16573. Price bid to include engineering, footings, and structure. Roof shall be Regal Blue Standing Seam, frame color shall be Glacier White.
- Price bid shall include all materials, equipment, labor and incidentals required to complete the work as shown in the plans and details. Items listed on drawings or in the specifications and not included as a separate pay quantity shall be considered incidental and the cost shall be included in the price bid for other
- Quantity is estimated for contingency purposes and to be used for undercutting in areas of unsuitable subgrade as directed by the Contract Administrator. Use of geogrid reinforcement and separator fabric shall be used at the discretion of the Contractor Administrator.
- Shall include the cost of concrete, rebar, smooth dowels, expansion material, joint sealant, contraction joints, tool joints, curing compound, and all other items shown in the details.
- Price bid for irrigation includes the cost of boring and trenched sleeves in the locations shown on the plans.
- Price bid shall include providing and installing plants, planting soil mix, mulch, and fertilizer as specified as shown in the plans and specifications for a complete installation.
- Price bid includes the cost of clearing, grubbing, removing, and disposing of vegetation and root debris. City shall cut down and remove trees in area shown prior to construction. Price bid includes protecting vegetation specified to remain.
- Price bid includes the cost of trimming selected trees and shrubs, and removing and disposing of undesirable debris.
- Price bid includes the cost of water and fertilizer. 10-20-10 commercial fertilizer shall be applied at a rate of 5 lbs. per 1,000 square foot. Solid slab sodding shall be U-3 Bermuda Grass. Sodding will be paid according to the following: 60 percent payment after installation and 40 percent upon establishment. Refer to Site Plans for locations of sodded areas.
- Install silt fence as required to prevent erosion and siltation of ditches, channels and storm sewer structures. Submit erosion control plans 14 days prior to beginning construction.
- Price bid includes the cost of a complete irrigation system installation as shown in the plans, details, and specifications. Price bid includes all irrigation components shown in the plans, including but not limited to backflow prevention device, quick couplers, and all other irrigation components as shown on plans and details for complete installation. All components shall be installed per City of Midwest City local building codes.
- Item includes trench excavation, backfill compaction, dewatering, and standard bedding material per City of Midwest City Standards. Refer to the City of Midwest City Standard Construction Specifications.
- Price bid includes cost to provide model # B6WBINNV4-4SM benches as manufactured by Superior Recreational Products or approved equal. Surface mount benches shall include 2-Red, 2-Mystic Blue, 2-Green, and 1-Yellow with black frames. Install per manufacturer's instructions in locations shown on plans.
- Price bid shall include the cost of conductor. Conductor shall be sized by General Contractor. Price bid shall also include cost of trenched sleeves as shown on plans for electrical equipment. Electrical work to be permitted through Midwest City by a licensed electrician. Electrical code is NEC 2020.
- Quantity includes pull boxes located at each light pole. Pull boxes shall be #264352 Polymer Connection Boxes by OG&E. Install per OG&E standard D530.2
- Areas receiving sod shall receive minimum of 2 inches of topsoil before sod placement. Price of topsoil shall be included in the price bid for Solid Slab Sodding.
- Price bid shall include cost of excavating planting areas to a depth shown in the plans and backfilling with the specified planting soil mix.
- Price bid shall include cost to provide Sybertech Millenium 3000 In-Ground Trash Containers in Sandstone with plastic molded skirt or approved equal. Install per manufacturer's instructions in locations shown on plans
- Price bid shall include cost of providing Treegator Bags or approved equal for each tree per manufacturer's instruction. Contractor shall be responsible for filling bags and watering planting areas weekly once installed until acceptance of final completion.
- Price bid includes cost to provide model # T8PERFDLPEHDHDCPSM surface mount accessible tables in color red with black frame as manufactured by Superior Recreational Products or approved equal. Install per manufacturer's instructions in locations shown on plans.
- Price bid includes cost to provide model # T8PERFDLPEHDCPSM surface mount tables as manufactured by Superior Recreational Products or approved equal. 2 shall be color yellow with black frame and 2 shall be color green with black frame. Install per manufacturer's instructions in locations shown on plans.
- Price bid shall include the cost to provide "Flexamat Standard" system or approved equal in location shown on plans.
- To become the property of and be disposed of by the contractor in a manner approved by the contract administrator.
- Quantity shall be used for trenched portion water service pipe from main line under Midwest Blvd. to backflow preventer. Price shall include cost of trenching.
- Contractor to submit traffic control plan subject to approval by Midwest City's City Engineer.
- Price shall include cost of installing owner-supplied disc golf baskets.
- Price bid shall include cost of providing 4" perforated corrugated underdrain pipe in location shown on plans.
- Price bid shall include cost of providing 4" solid corrugated underdrain pipe and rodent screen in location shown on plans.
- Price bid shall include cost of providing GFCI receptacles in locations shown on plan. Electrical work to be permitted through Midwest City by a licensed electrician. Electrical code is NEC 2020.
- Price bid to include cost of all necessary maintenance, maintaining device in proper upright position, removal of device, and removal of sediment when it reaches half of the height of the device.
- Quantity for standard color concrete as shown on plans.
- Type E Aggregate Base shall be crushed limestone screenings or approved equal.
- Price bid includes cost of full depth sawcut.
- Price bid includes cost to install owner-supplied water meter and box in location shown on plans.

GENERAL PAY QUANTITY NOTES CONT.

- Price bid shall include furnishing and installing poles for cameras. Pole assemblies shall be manufactured by Pelco Products, Inc or approved equal. Model numbers are: Pole/base = AP-8705-16-PT2.88-MB-P59, Pole cap = SH-1616-P59, and Arm = AP-7434-P59 or approved equal. Color shall be black. Price bid shall include installation of pole, pole, pole base, cap, arm, and all accessories shown in the plans and details for a complete installation. Owner to provide and install cameras.
- Price bid includes cost to provide and install sign in location shown on plans. Owner to provide sign artwork.
- Price bid includes cost to provide and install composite and treated wood footbridges in locations shown on plans. Coordinate with owner for exact locations.
- Price bid includes cost to provide #104480 Anchor Bolt Cages by OG&E for light pole footings. Bolts to extend 3"-4" max above concrete. Clean concrete residue off of bolt threads.
- Price bid includes cost of conductor for audio/visual elements
- Price bid shall include cost of 400 amp electrical service in location shown on plan, coordinated with OG&E. Electrical work to be permitted through Midwest City by a licensed electrician. Electrical code is NEC 2020.
- Quantity shall be used for bored portion water service pipe from main line under Midwest Blvd. to backflow preventer. Price shall include cost of boring.
- Price bid includes cost of rodent screen.
- Price bid shall include de-watering and testing per ODOT Standards and Specifications.
- Materials removed shall not be measured for payment under Unclassified Excavation.
- Price bid includes constructing new manhole structures with frame and cover in locations as shown in the plans. Price bid includes cost of reconnection of existing sewer pipes to the new structure, excavation, backfill, reinforcing steel, frames, covers, and any incidentals required for construction.
- Manhole cover and frame shall be Bass and Hays Foundry 300-24P sewer lid or equivalent.
- Includes cost of in-line tee and bracing for riser pipe, and cost of providing cap and marker at end of riser.
- Includes the cost of all fittings and adaptors to connect service to existing line.
- Excess cut material to become the property of and be disposed of by the contractor in a manner approved by the engineer.

TRAFFIC CONTROL NOTES

- TC-25 All construction traffic control will be implemented according to construction plans, and installed in a manner approved by the engineer, in accordance with Chapter VI of the Manual of Uniform Traffic Control Devices, (Current Edition), and compliant with applicable O.D.O.T. standard drawings. Price bid for this item shall be payment in full for the installation, maintenance, and subsequent removal of all necessary construction traffic control devices and pavement markings required for completion of the project.
- TC-33 All construction work zone signs shall have fluorescent sheeting. The fluorescent sheeting shall meet the requirements of ASTM D4956 (latest revision)

TRAFFIC SIGNING PAY QUANTITY NOTES

- TS-19 Quantity shown includes 1493 L.F. Traffic Stripe (Multi-poly) (White) and 0 L.F. Traffic Stripe (Multi-poly.) (Yellow) and will be measured by the linear foot of four inch (4") wide traffic stripe.
- TS-23 Quantity shown includes 48 L.F. Traffic Stripe (Multi-poly.) (White) and 0 L.F. Traffic Stripe (Multi-poly.) (Yellow) and will be measured by the linear foot of twenty-four inch (24") wide traffic stripe.

GENERAL PAY QUANTITIES AND NOTES (1)

PROJECT: MID-AMERICA PARK PHASE 1 IMPROVEMENTS			
OWNER/DEVELOPER: CITY OF MIDWEST CITY 100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293			
PLANS AND ESTIMATES PREPARED BY: R. L. SHEARS COMPANY, P.C. 1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612			
PLAN SCALE:	DRAWN	AAW	05/24
	DESIGNED	RLS	05/24
	SURVEY		
PROFILE SCALE:	FIELD MNGR.		
HORIZONTAL:	SECT. MNGR.		
	PROJ. MNGR.		
VERTICAL:	RECOMMENDED:		
	DEPUTY DIRECTOR		
FILE:	DRAWING:		DATE 05/07/2024
ATLAS PAGE NO:	XXXX		SHEET 02 OF 37 SHEETS

GENERAL CONSTRUCTION NOTES

- G1 The Contractor is responsible for the location of all utilities and must have all utilities located prior to commencing any excavation. The Contractor shall verify the invert and flowline elevations of all water lines, sanitary sewers, storm drains, drainage structures, and surface drainage courses prior to laying any new pipe. The Contractor must call OKIE at (405) 840-5032 to have all public utilities (water and sanitary sewer lines) and franchised utilities (electric lines, telephone cables, fiber optic lines, cable television, gas lines, and oil pipelines) located at least two (2) days prior to starting construction.
- G2 The Contractor is responsible for the protection of all utility lines and structures, whether shown or not, both public and private. Any damage to the utility line or structure, because of the Contractor's actions, shall be repaired solely at the Contractor's expense to a condition as good or better than that prior to the damage.
- G3 The Contractor must call 9-1-1 IMMEDIATELY if a natural gas pipeline is cut, damaged or otherwise disturbed. The Midwest City Fire Department and Oklahoma Natural Gas Company must inspect the pipe before work can resume at that location.
- G4 The Contractor must notify the following persons at least forty-eight (48) hours in advance of placing or removing any barricades or otherwise modifying existing traffic control devices or placing any temporary traffic control device: Engineer(405) 739-1215 Construction inspector(405) 739-1267
- G5 The Contractor must notify all affected city utility customers at least two (2) working days prior to anticipated service interruption during construction. Streets temporarily closed to through traffic during construction shall remain open to local traffic to the maximum extent practical during the work. Detour routes shall be furnished by the Engineer. The Contractor shall furnish and erect all detour signage as directed.
- G6 Where work is carried on, in, or adjacent to any street, alley, or public place, the Contractor shall, at his own expense, furnish and erect such barricades, fences, lights, and/or other protective barriers, and take such other precautionary measures for the protection of persons or property and of the work as are necessary. A sufficient number of barricades shall be erected to keep vehicles from being driven into any work under construction. Failure to comply with this requirement will result in the Engineer shutting down the work until the Contractor has provided the necessary protection. All such barricades and signs and the use thereof shall be in the strict compliance with the Manual on Uniform Traffic Control Devices, Part VI - Temporary Traffic Control
- G7 All construction materials and work shall conform to the applicable City of Midwest City and the 2019 Oklahoma Department of Transportation (ODOT) standards and specifications with the additional supplements, as referenced in the project documents.
- G8 All elevations shown are on the Mean Sea Level (M.S.L.) datum. All dimensions to curb are to the back of curb. All dimensions to street "centerlines" are to the centerline of the right-of-way or section line.
- G9 The Contractor shall develop and make all detail surveys needed for construction. The cost of the construction survey and staking shall be included in the price bid for other items of work.
- G10 All fences removed as a result of the Contractor's actions shall be replaced in kind with fencing equal to or better than the original fence. All costs for fence removal and replacement shall be included in the price bid for other items of work.
- G11 All work not classified as a contract pay item shall be considered incidental construction and the cost for such shall be included in the price bid for other items of work.
- G12 All removed salvageable items shall remain the property of the City and shall be stockpiled in an area within the project limits designated by the Engineer for collection by city forces.
- G13 All ditches disturbed during construction shall be reshaped and sloped to drain. Solid slab sod shall be used in all areas where solid has been exposed and positive means of sod stabilization shall be used to prevent displacement of sod by storm waters.
- G14 Erosion control devices in the form of sediment fences are required at driveway culverts, street culverts, drainage structures, storm sewer manholes, and sanitary sewer manholes located in ditches where soil has been disturbed. Those items shall be placed as directed by the Engineer and the cost shall be included in other items.
- G15 Sediment control for utility construction is required. Trenches must be backfilled at the end of each day's work. No more trench shall be opened than can be completed in the same day unless temporary silt fence is placed immediately downstream of any area intended to remain disturbed for more than one day. Excavated materials shall be placed on the high side of the trench.
- G16 City personnel are not permitted to enter any trench or excavation more than five (5) feet deep, for any reason, unless it is sloped or shored in accordance with 29 CFR 1926 OSHA subpart P, "Excavation and Trenches."
- G17 All disturbed, unpaved areas within easements and right-of-way shall be seeded, fertilized, and watered in accordance with ODOT specifications section 232, "Seeding", as required under the "Revegetation" pay item if provided or as noted otherwise on the plans. Seeded areas shall be repaired and maintained until all portions of the project are complete and approved for final acceptance. All other areas disturbed as a result of the Contractor's actions shall be restored in a manner acceptable to the Engineer to a condition as good or better than that prior to the disturbance at no expense to the City.
- G18 The City will furnish bacteriological water line testing at no expense to the Contractor for municipally funded projects.

EROSION AND SEDIMENT CONTROL NOTES

GENERAL NOTES

The following are requirements to be followed by the Contractor during all phases of the project. Please note that this construction will be accomplished under the provisions of the National Pollutant Discharge Elimination System (NPDES) of the U.S. Environmental Protection Agency (EPA). A Storm Water Pollution Prevention Plan (SWP3) must be prepared for this project in conformance with EPA regulations (Code of Federal Regulations (CFR) 40, Part 122) and Oklahoma Department of Environmental Quality (ODEQ) General Permit (OKR-10). The Contractor will be responsible for compliance with the OPDES permit and the SWP3, as well as with all provisions of the plans and specifications. It will also be the Contractor's responsibility to prevent soil or sediment loss from the construction site. The Contractor shall not leave the site until all erosion control, sediment control, and storm water management practices are in place; have been inspected and found satisfactory; and all temporary practices have been properly removed.

STORM WATER MANAGEMENT

The project must be designed to provide positive post-construction control of storm water runoff from the site (using gutters, curbs, inlets, piping, and outlets to the receiving stream). The erosion and sediment control measures discussed below will also provide some temporary storm water controls. During the course of construction, the contractor will install and maintain storm water controls. in the sequence specified herein to provide comprehensive management of storm water for a project of this nature.

EROSION AND SEDIMENT CONTROL

The project must be designed to minimize adverse off-site effects of soil erosion and resulting sediment loss through the use of proper construction techniques; and by installing both temporary and permanent management practices. All soil-disturbing activities performed by the Contractor will be accomplished in such manner as to prevent loss of sediment from the construction site during rainfall events. To accomplish this, the following specific steps will be taken during construction:

1. Immediately after mobilization but prior to initiation any soil-disturbing activities, the Contractor will install all specified perimeter controls on the site. These practices have been designed to trap all sediment produced during soil-disturbing activities, and to prevent off-site damage. It is recognized that some site preparation may be required to properly install these practices.
2. The recommended sequence for the installation and removal of erosion and sediment control measures is as follows: perimeter control measures (silt barriers and fencing) installed at designated areas; cleaning of street during construction; site grading (including temporary slope stabilization) as needed; installation of utilities; building construction; paving; final grading; installation of sod or vegetative materials; removal of temporary practices and perimeter controls; and site cleanup.
3. During all soil-disturbing activities, the Contractor will take appropriate steps using accepted construction methods to minimize exposure of unprotected soil and other construction materials to rainfall. Particular care must be exercised when dealing with topsoil stockpiles, fill material, or soil on slopes. The Contractor will maintain a date log of all soil disturbance activities or major grading operations, and of all management practice or control measure installations.
4. If, during the course of construction, any area of soil (including stockpiles) remains exposed for more than fourteen calendar days without suitable erosion control, then temporary stabilization measures should be installed unless soil-disturbing activities are planned on such areas within an additional seven calendar days. Suitable temporary stabilization measures are perimeter controls and silt barriers (such as rock bags, sand bags, and silt fencing) along all side-slope and down-slope borders of the disturbed area. Note that perimeter controls alone may not be successful; movement of large amounts of sediment produced by heavy rain on exposed soil could overwhelm such measures.
5. At the Contractor's discretion, additional temporary erosion control practices (such as rock bags, sand bag barriers, and silt fences) may be installed along any down-slope or side-slope perimeter of a soil-disturbed area to prevent sediment movement. Anchored erosion control matting, mulches, or other acceptable methods may also be installed to stabilize any unprotected slopes during construction, and hold them to the appropriate grade. As site conditions warrant, the Contractor may also choose to modify the type or arrangement of specified practices to improve their effectiveness. As with any other project changes, the Contractor must present all proposed modifications to the Project Engineer for approval prior to installation.
6. The Contractor will inspect all specified practices at least once every fourteen calendar days, and after all rainfall events to insure that each specified practice remains intact. Any damage noted during such inspections shall be repaired promptly to restore the practice to original specifications. The Contractor will be responsible for maintenance of all erosion and sediment control practices as specified in the plans, including periodic regrading, and final grading after removal of all such practices.
7. When water is used for dust control or to promote vegetation, the Contractor will prevent the escape of this water and any sediment it may carry from the construction site.
8. Care must be exercised to prevent excessive off-site tracking of mud or sediment by construction vehicles. In addition to the specified gravel entrance, properly graveled transition areas should be established at all temporary site exits to assist in mud removal from departing vehicles. The Contractor shall be responsible for cleaning the street daily, or as directed by the City, when mud is tracked onto the street from the construction site.
9. During the site cleanup prior to the possession date, each temporary practice will be completely removed and the area finished to the appropriate post-project condition. This involves final grading, and installation of sod or grass seed on all bare soil areas. A minimum vegetation density of seventy percent, or an equivalent sediment stabilization measure (geotextiles, mulches, or gabions), is required until vegetation is established.

SANITARY SEWER MATERIALS AND CONSTRUCTION NOTES

- SS1 Manhole steps are not required and shall not be installed. Ladders in lieu of manhole steps are not required.
- SS2 Watertight frames and covers shall be provided on all manholes. All interior manhole surfaces shall be protected against corrosion using a coal tar epoxy lining or an approved equal.
- SS3 Manholes noted for demolition shall be removed in their entirety. All sewers entering and leaving demolished manholes noted to be abandoned, shall be removed to the nearest pipe joint outside the manhole or to a point 10 feet from the manhole, whichever is less, and permanently plugged with concrete. All sewer pipe plugs must be watertight. Frames and covers from demolished manholes shall remain the property of the city.

WATER LINE MATERIALS AND CONSTRUCTION NOTES

- W1 Meter boxes shall be constructed of U.V. stabilized high density polyethylene and shall conform to the following part numbers or approved equal: For 5/8" or 1", DFW 1800.18.3KA; larger than 1" shall be DFW 1730C-18-3DA. The meter boxes are required to be installed by the contractor and shall be subject to inspection by the city.
- W2 Service lines shall be 1" type poly tubing manufactured in accordance with AWWA C800. Splices in new service lines are not permitted. Corporation stops shall be 1" straight body ball type valves with an AWWA standard tapered threaded inlet and tube compression type outlet. Corporation stops shall be Ford FB1000-4-NL (with grip joint outlet connection), A.Y. McDonald 747-01T, Mueller 300 part number P-15008 with "CC" inlet and "110" outlet, or an approved equal. Meter valves shall be 1" - 90° angle ball type valves having padlock wings with a tube compression type inlet and coupling nut outlet for connection to 5/8" X 1" or 1" water meters. Meter valves shall be Ford BA43-444W-NL (with grip joint outlet connection) A.Y. McDonald 746-02T, Mueller 300 part number B-24258 with "110" inlet, or an approved equal.

ODEQ NOTES – SEWER

ODEQ NOTES - SEWER - Facility No. S-20541

Sanitary Sewer Standards - Materials - Manholes
In accordance with OAC 252:656-5-3(d), the use of bricks and/or concrete blocks in manhole construction is prohibited.

Sanitary Sewer Standards - Construction Standards - Sewer
In accordance with OAC 252:656-5-4(a), install metal tracer wire with all non-metallic pipe and color code all underground installed pipe.

Sanitary Sewer Standards - Construction Standards - Watertight Covers
In accordance with OAC 252:656-5-4(g)(5), use watertight covers on manholes with rim elevations below the 100-year flood elevation, or otherwise subject to surface storm water submergence.

Sanitary Sewer Standards - Construction Standards - Manholes - Leakage Tests
In accordance with OAC 252:656-5-4(g)(7), conduct leakage tests on all new manholes in accordance with latest version of ASTM C969 or C1244.

Sanitary Sewer Standards - Tests - Leakage Test
In accordance with OAC 252:656-5-5(b), leakage tests are required for all gravity lines. Hydrostatic tests must be in accordance with the ASTM standard for the test to be used. Use a 2-foot test head and leakage inward or outward must not exceed 10 gallons per inch of pipe diameter per mile per day. The procedures listed in the Handbook of PVC Pipe, Uni-Bell PVC Pipe Association, 2001 may be used for PVC pipe.

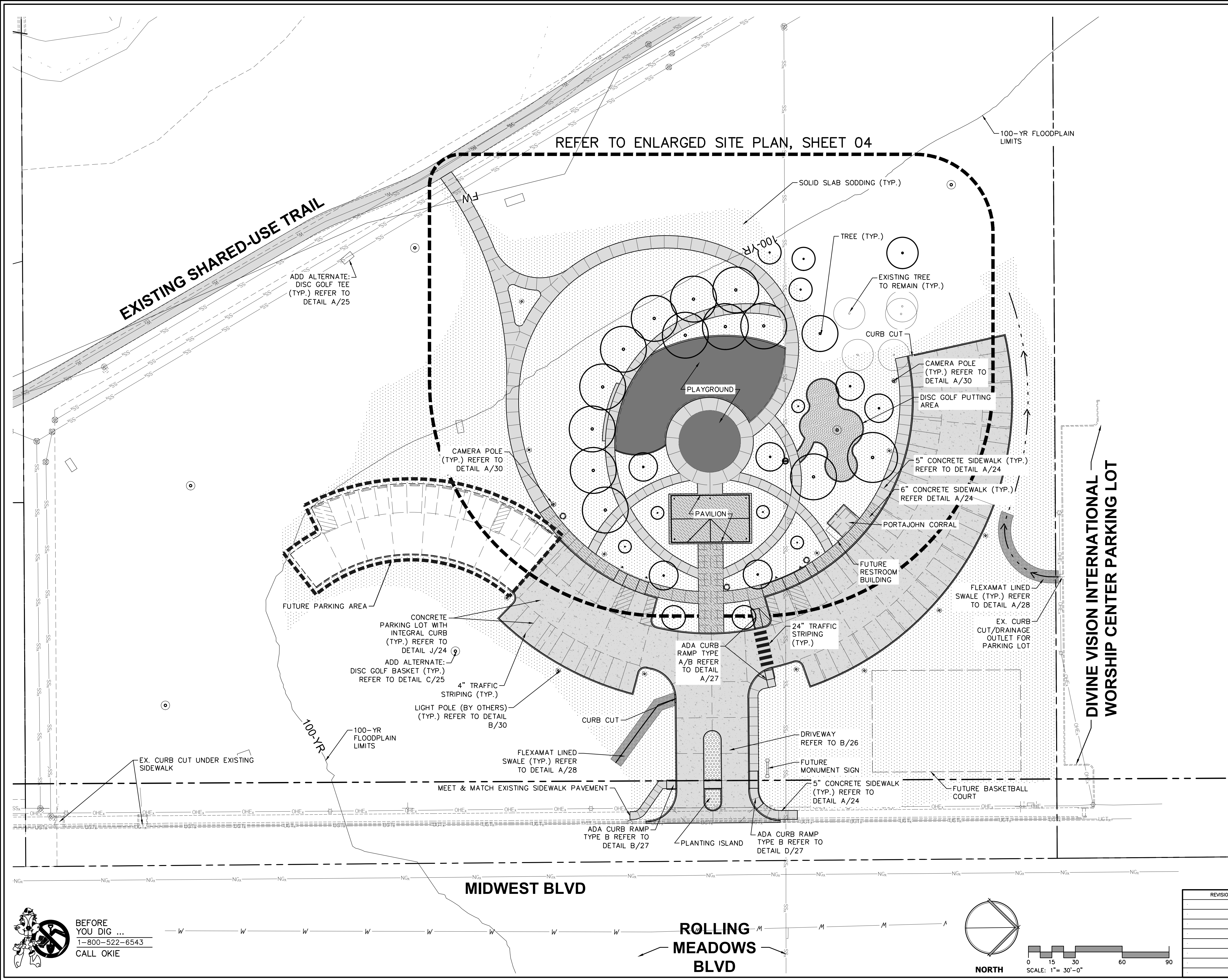
GENERAL PAY QUANTITIES AND NOTES (2)

PROJECT:
**MID-AMERICA PARK
PHASE 1 IMPROVEMENTS**

OWNER/DEVELOPER:
CITY OF MIDWEST CITY
100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293

PLANS AND ESTIMATES PREPARED BY:
R. L. SHEARS COMPANY, P.C.
1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612

REVISION	BY	DATE	PLAN SCALE:	DRAWN	AAW	05/24	APPROVED:
-	-	-	DESIGNED	RLS	05/24		
-	-	-	SURVEY				
-	-	-	PROFILE SCALE:	FIELD MNGR.			
-	-	-	HORIZONTAL:	SECT. MNGR.			
-	-	-		PROJ. MNGR.			
-	-	-	VERTICAL:	RECOMMENDED:			
-	-	-		DEPUTY DIRECTOR			
-	-	-	FILE:	DRAWING:			DATE 05/07/2024
-	-	-	ATLAS PAGE NO: XXXX				SHEET 03 OF 37 SHEETS



REFER TO ENLARGED SITE PLAN, SHEET 04

EXISTING SHARED-USE TRAIL

DIVINE VISION INTERNATIONAL
WORSHIP CENTER PARKING LOT

LEGEND

	CONCRETE PAVEMENT
	5" CONCRETE SIDEWALK
	6" CONCRETE SIDEWALK
	SOLID SLAB SODDING
	AGGREGATE SURFACE
	PLANTING AREA
	POURED IN PLACE SURFACING (BY OTHERS)
	FLEXAMAT
	4" TRAFFIC STRIPING
	24" TRAFFIC STRIPING
	EXISTING TREE
	PROPOSED TREE
	A/V POLE
	LIGHT POLE (BY OTHERS)
	TRASH CAN
	DISC GOLF BASKET
	DISC GOLF TEE
	PROPOSED FUTURE ELEMENT

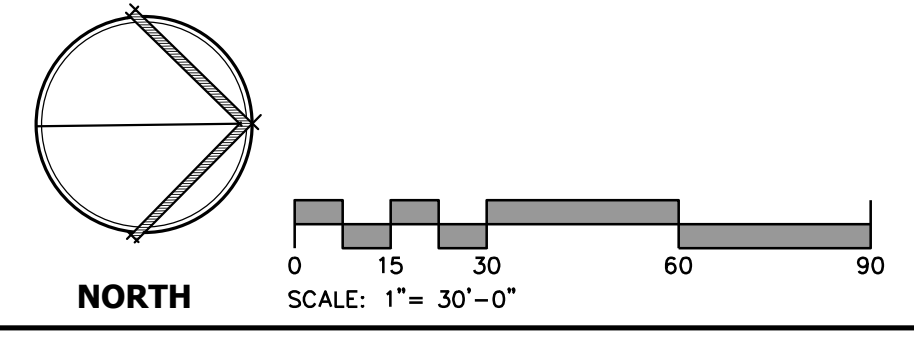
OVERALL SITE PLAN

PROJECT:
MID-AMERICA PARK
PHASE 1 IMPROVEMENTS

OWNER/DEVELOPER:
CITY OF MIDWEST CITY
100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293

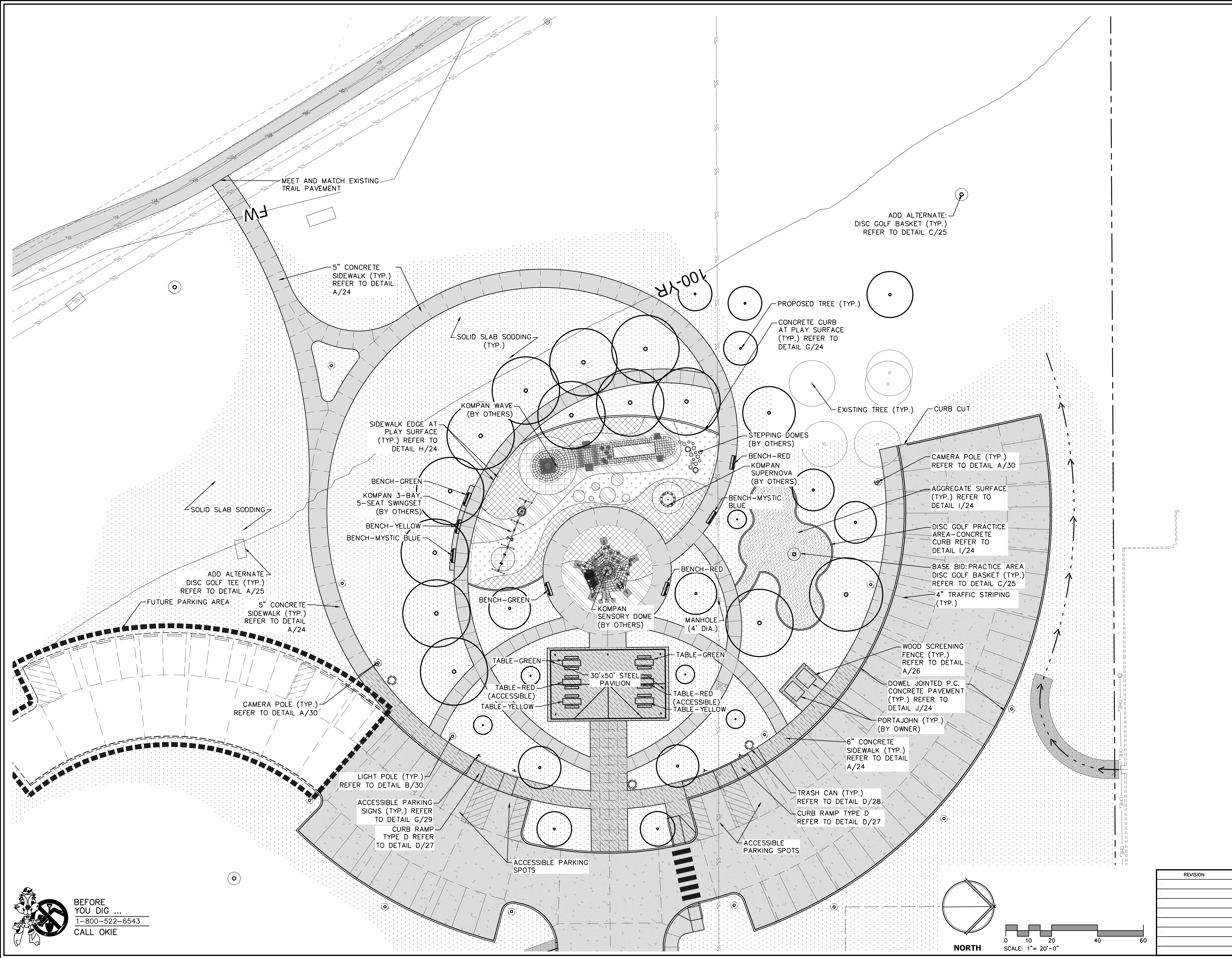
PLANS AND ESTIMATES PREPARED BY:
R.L. SHEARS COMPANY, P.C.
1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612

PLAN SCALE:	1" = 30'	DESIGNED:	AAW	05/24	APPROVED:
		SURVEY:	RLS		
PROFILE SCALE:		FIELD MNGR.:			
HORIZONTAL:		SECT. MNGR.:			
VERTICAL:		PROJ. MNGR.:			
		RECOMMENDED:			
		DEPUTY DIRECTOR:			
FILE:		DRAWING:			DATE 05/07/2024
ATLAS PAGE NO:	XXXX				SHEET 04 OF 37 SHEETS



MIDWEST BLVD

ROLLING MEADOWS BLVD



LEGEND

- CONCRETE PAVEMENT
- 5" CONCRETE SIDEWALK
- 6" CONCRETE SIDEWALK
- SOLID SLAB SODDING
- AGGREGATE SURFACE
- POURED IN PLACE SURFACING TERRA COTTA
- POURED IN PLACE SURFACING YELLOW
- POURED IN PLACE SURFACING BLUE
- POURED IN PLACE SURFACING BEIGE
- 4" TRAFFIC STRIPING
- SIGN
- BENCH
- TABLE
- EXISTING TREE
- PROPOSED TREE
- A/V POLE
- LIGHT POLE (BY OTHERS)
- TRASH CAN
- DISC GOLF BASKET
- DISC GOLF TEE (ADD ALT.)

ENLARGED SITE PLAN

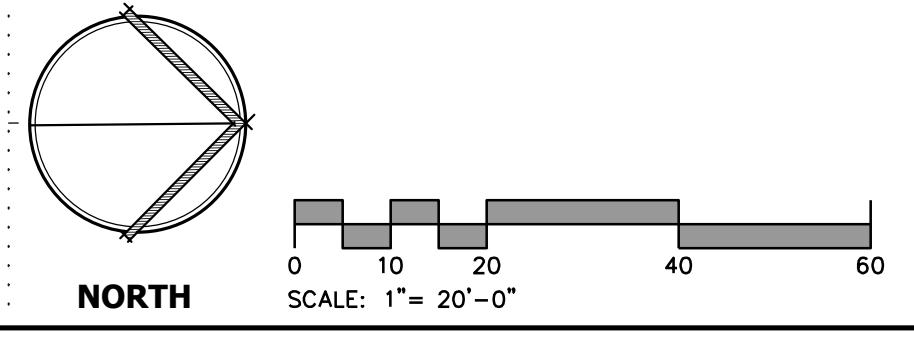
PROJECT:
**MID-AMERICA PARK
PHASE 1 IMPROVEMENTS**

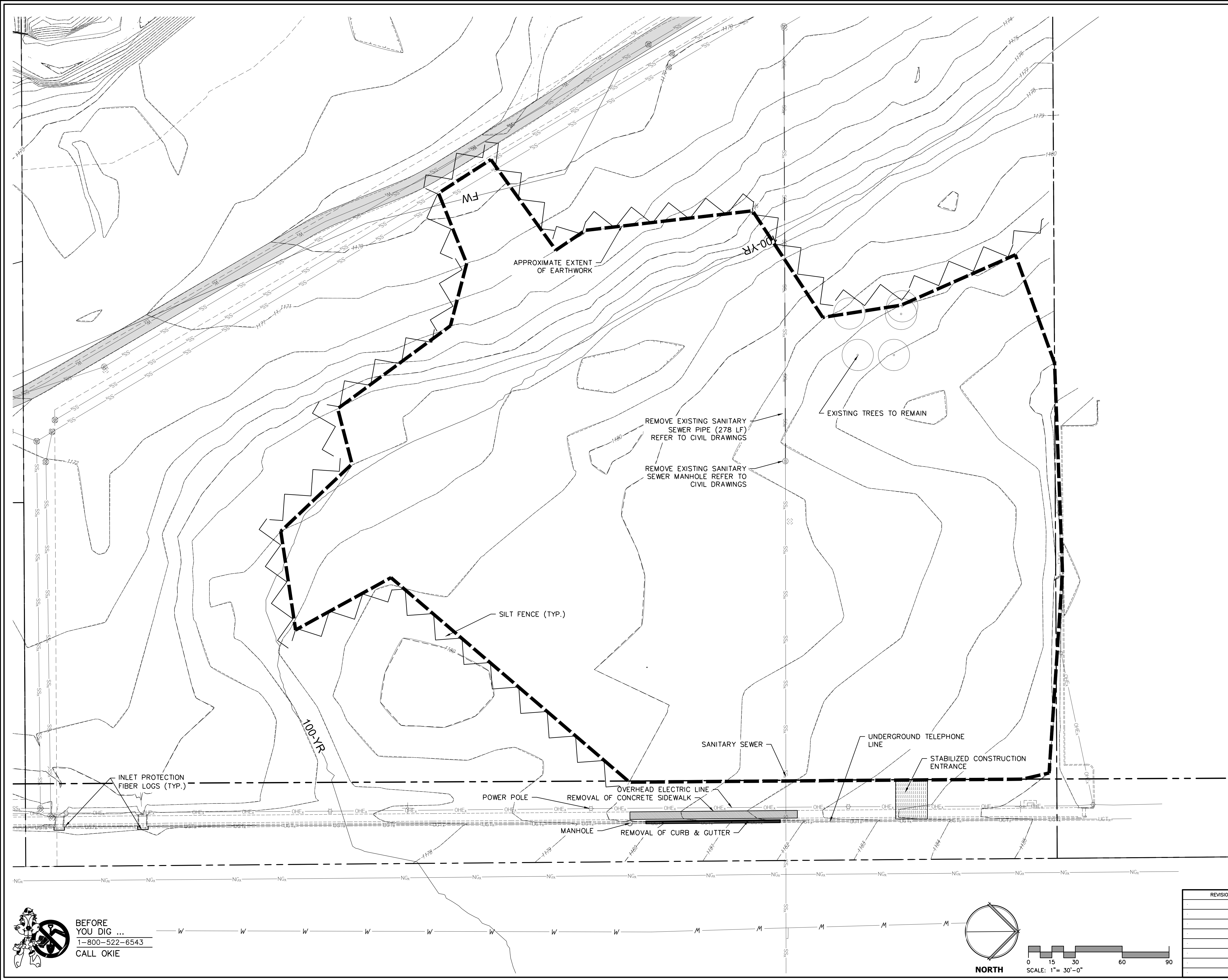
OWNER/DEVELOPER:
CITY OF MIDWEST CITY
100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293

PLANS AND ESTIMATES PREPARED BY:
R. L. SHEARS COMPANY, P.C.
1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612

REVISION	BY	DATE	SCALE	DESIGNED	AAW	APPROVED:
			1"=20'	RLS	05/24	
				SURVEY		
				FIELD MNGR.		
				SECT. MNGR.		
				PROJ. MNGR.		
				RECOMMENDED:		
				DEPUTY DIRECTOR		
				FILE:	DRAWING:	DATE 05/07/2024
				ATLAS PAGE NO: XXXX		SHEET 05 OF 37 SHEETS

**BEFORE
YOU DIG ...**
1-800-522-6543
CALL OKIE





DEMOLITION PLAN

PROJECT:
**MID-AMERICA PARK
 PHASE 1 IMPROVEMENTS**

OWNER/DEVELOPER:
CITY OF MIDWEST CITY
 100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293

PLANS AND ESTIMATES PREPARED BY:
R.L. SHEARS COMPANY, P.C.
 1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0812

REVISION	BY	DATE	DESIGNED	AAW	05/24	APPROVED:
			SURVEY	RLS		
			FIELD MNGR.			
			SECT. MNGR.			
			PROJ. MNGR.			
			RECOMMENDED:			
			DEPUTY DIRECTOR			

PLAN SCALE: 1" = 30'

PROFILE SCALE: -

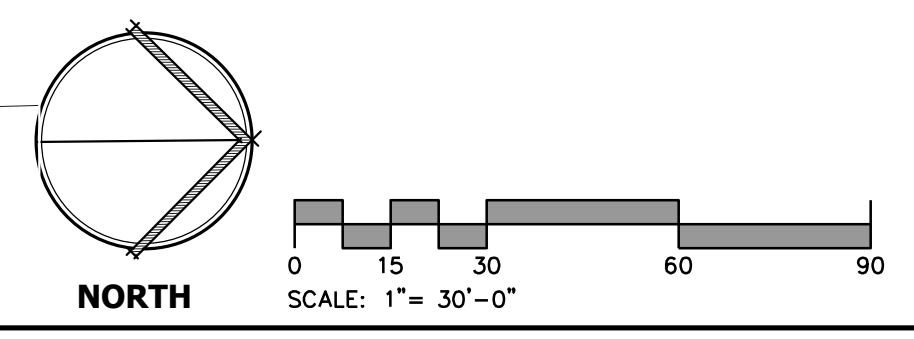
HORIZONTAL: -

VERTICAL: -

FILE: _____ DRAWING: _____ DATE: 05/07/2024

ATLAS PAGE NO: XXXX SHEET 06 OF 37 SHEETS

**BEFORE
 YOU DIG ...**
 1-800-522-6543
 CALL OKIE





LEGEND	
	PREVIOUSLY SELECTIVELY CLEARED AREA (TOTAL AREA = 11.55 ACRES)
	SELECTIVE CLEARING AREA (TOTAL AREA = 20.53 ACRES)
	CLEARING & GRUBBING AREA (TOTAL AREA = 1.90 ACRES)
	AREA I.D. NUMBER
	DISC GOLF TEE (ADD ALTERNATE)
	DISC GOLF FAIRWAY (ADD ALTERNATE)
	DISC GOLF BASKET (ADD ALTERNATE)

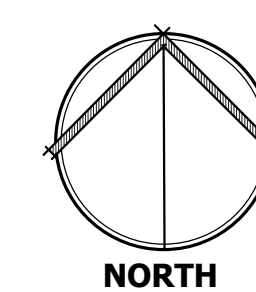
CLEARING AREA SCHEDULE			
AREA I.D.#	AREA I.D.#	ACRE	NOTE
BASE BID	1	1.90	CLEARING & GRUBBING
ADD ALT.	2	4.14	REMOVE UNDER BRUSH & SELECTIVE CLEARING
ADD ALT.	3	2.27	REMOVE ALL TREES 8" CALIPER AND LESS
ADD ALT.	4	.58	REMOVE UNDER BRUSH & SELECTIVE CLEARING
ADD ALT.	5	2.46	SELECTIVE PRUNING

TREE PRESERVATION SCHEDULE					
SURVEY I.D.#	NORTHING	EASTING	LATITUDE	LATITUDE	SIZE, TREE SPECIES
326	176204.1527	2150215.5460	N035D 26' 56.93"	W097D 23' 22.83"	10" CALIPER, ELM
329	176227.3024	2150215.5338	N035D 28' 57.16"	W097D 23' 22.83"	14" CALIPER, HACKBERRY
332	176198.7801	2150188.9673	N035D 28' 56.88"	W097D 23' 23.15"	12" CALIPER, ELM
334	176231.9079	2150189.2674	N035D 28' 57.21"	W097D 23' 23.14"	9" CALIPER, ELM
335	176232.6598	2150184.3658	N035D 28' 57.22"	W097D 23' 23.20"	11" CALIPER, HACKBERRY

REVISION		BY	DATE

PLAN SCALE:	DRAWN	AAW	05/24	APPROVED:
1"=120'	DESIGNED	RLS	05/24	
	SURVEY			
PROFILE SCALE:	FIELD MNGR.			
HORIZONTAL:	SECT. MNGR.			
	PROJ. MNGR.			
	RECOMMENDED:			
	DEPUTY DIRECTOR			
FILE:	DRAWING:			DATE 05/07/2024
ATLAS PAGE NO: XXXX				SHEET 07 OF 37 SHEETS

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




SCALE: 1" = 120'-0"



HOLE	SHORT (A)	LONG (B)	PAR
1	325'	370'	3
2	425'	550'	4
3	235'	300'	3
4	315'	400'	3
5	345'	490'	3
6	355'	390'	3
7	480'	660'	4
8	375'	425'	3
9	400'	460'	4
SUBTOTAL OUT	3255'	4045'	30
10	350'	410'	3
11	250'	340'	3
12	360'	475'	4
13	310'	365'	3
14	250'	340'	3
15	450'	550'	4
16	465'	520'	4
17	285'	340'	3
18	550'	390'	4
SUBTOTAL IN	3270'	3730'	31
TOTAL	6525'	7775'	61

LEGEND

-  DISC GOLF TEE (ADD ALTERNATE)
-  DISC GOLF FAIRWAY (ADD ALTERNATE)
-  DISC GOLF BASKET (ADD ALTERNATE)

DISC GOLF COURSE NOTES

DECEMBER 22, 2023:
 NOT FIELD VERIFIED

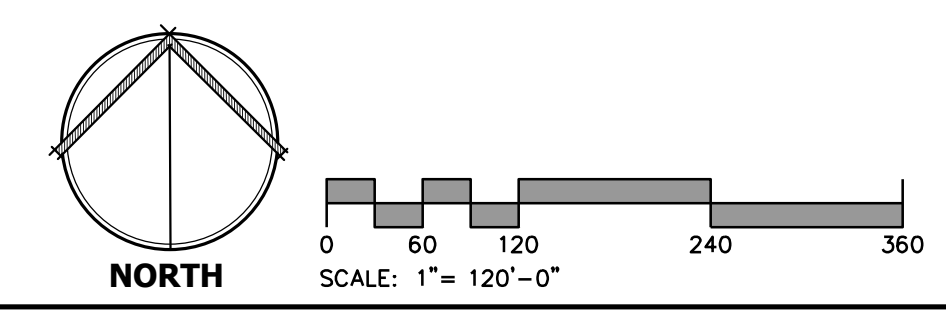
18-HOLE COURSE WITH TWO PIN POSITIONS
 (A - RECREATIONAL B - CHAMPIONSHIP)
 (ADD ALTERNATE)

4-HOLE WARM-UP/FAMILY LEVEL COURSE (A-D)
 (ADD ALTERNATE)

1 ACCESSIBLE HOLE (H)
 (BASE BID - NOT SHOWN ON THIS PLAN)



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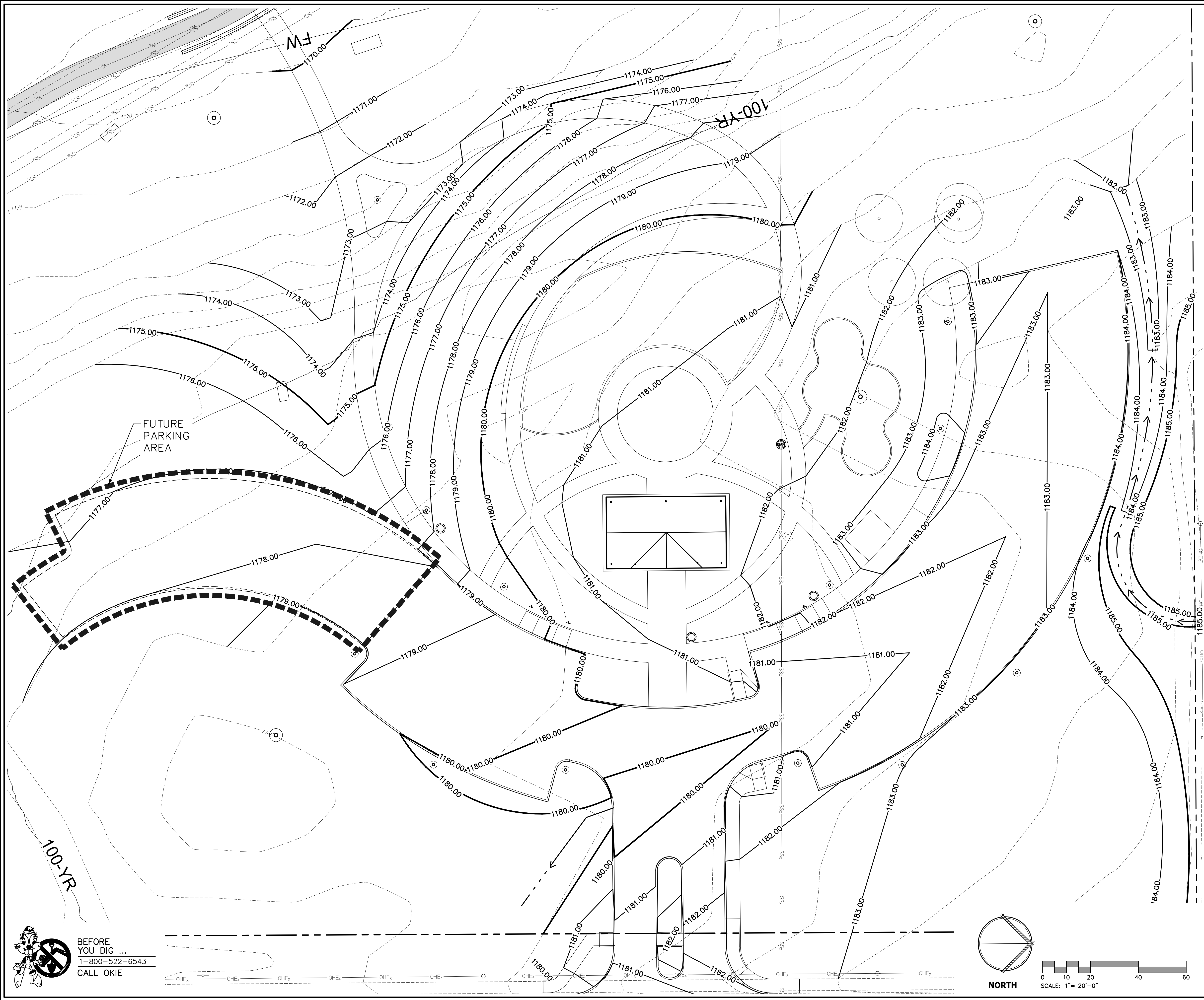
DISC GOLF PLAN

PROJECT:
**MID-AMERICA PARK
 PHASE 1 IMPROVEMENTS**

OWNER/DEVELOPER:
CITY OF MIDWEST CITY
 100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293

PLANS AND ESTIMATES PREPARED BY:
R. L. SHEARS COMPANY, P.C.
 1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612

REVISION	BY	DATE	DESIGNED	AAW	05/24	APPROVED:
			DESIGNED	RLS	05/24	
			SURVEY			
			FIELD MNGR.			
			SECT. MNGR.			
			PROJ. MNGR.			
			RECOMMENDED:			
			DEPUTY DIRECTOR			
			FILE:	DRAWING:		DATE 05/07/2024
			ATLAS PAGE NO: XXXX			SHEET 08 OF 37 SHEETS



LEGEND

- EXISTING MINOR CONTOUR
- - - EXISTING MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED MAJOR CONTOUR

OVERALL GRADING PLAN

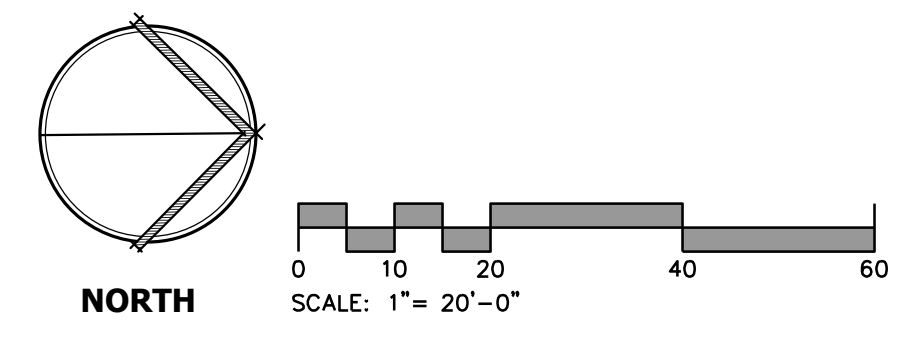
PROJECT:
**MID-AMERICA PARK
 PHASE 1 IMPROVEMENTS**

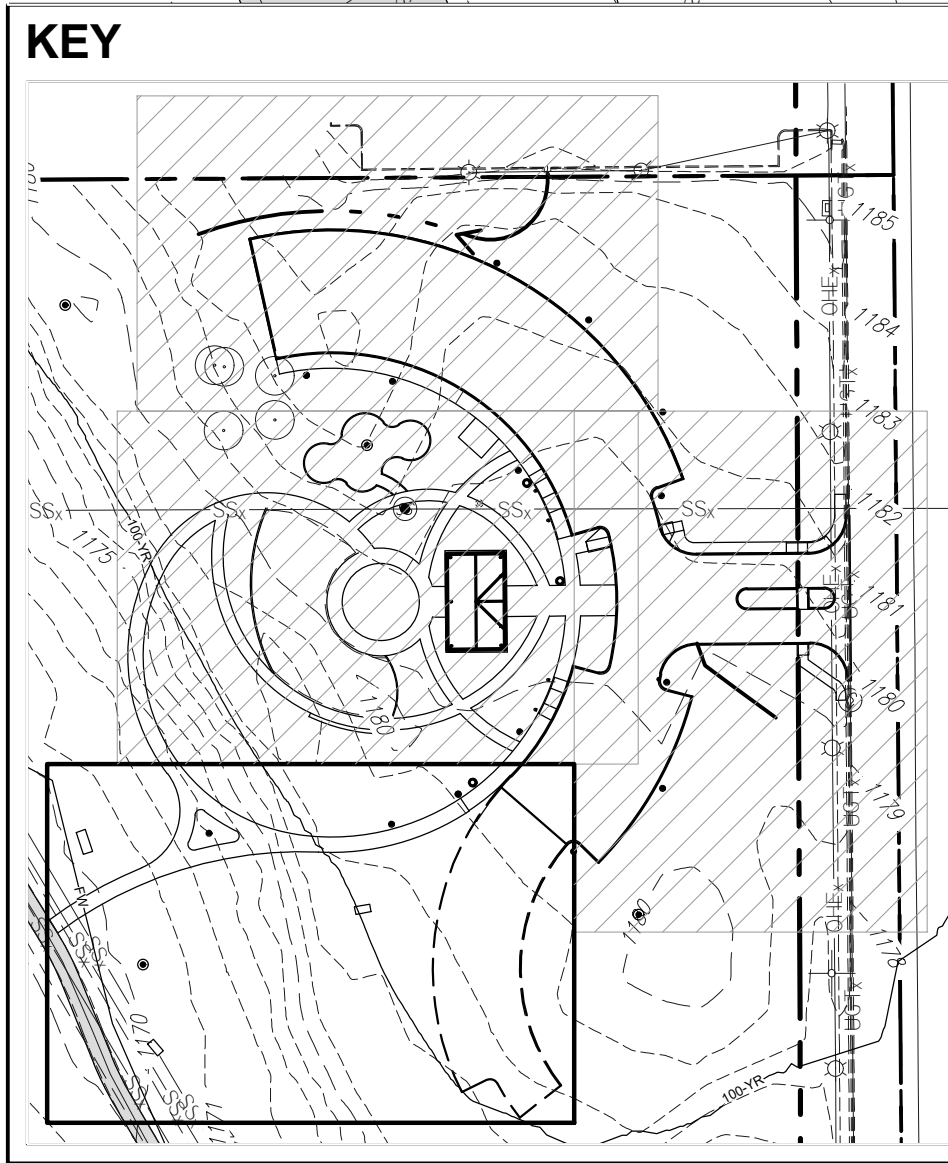
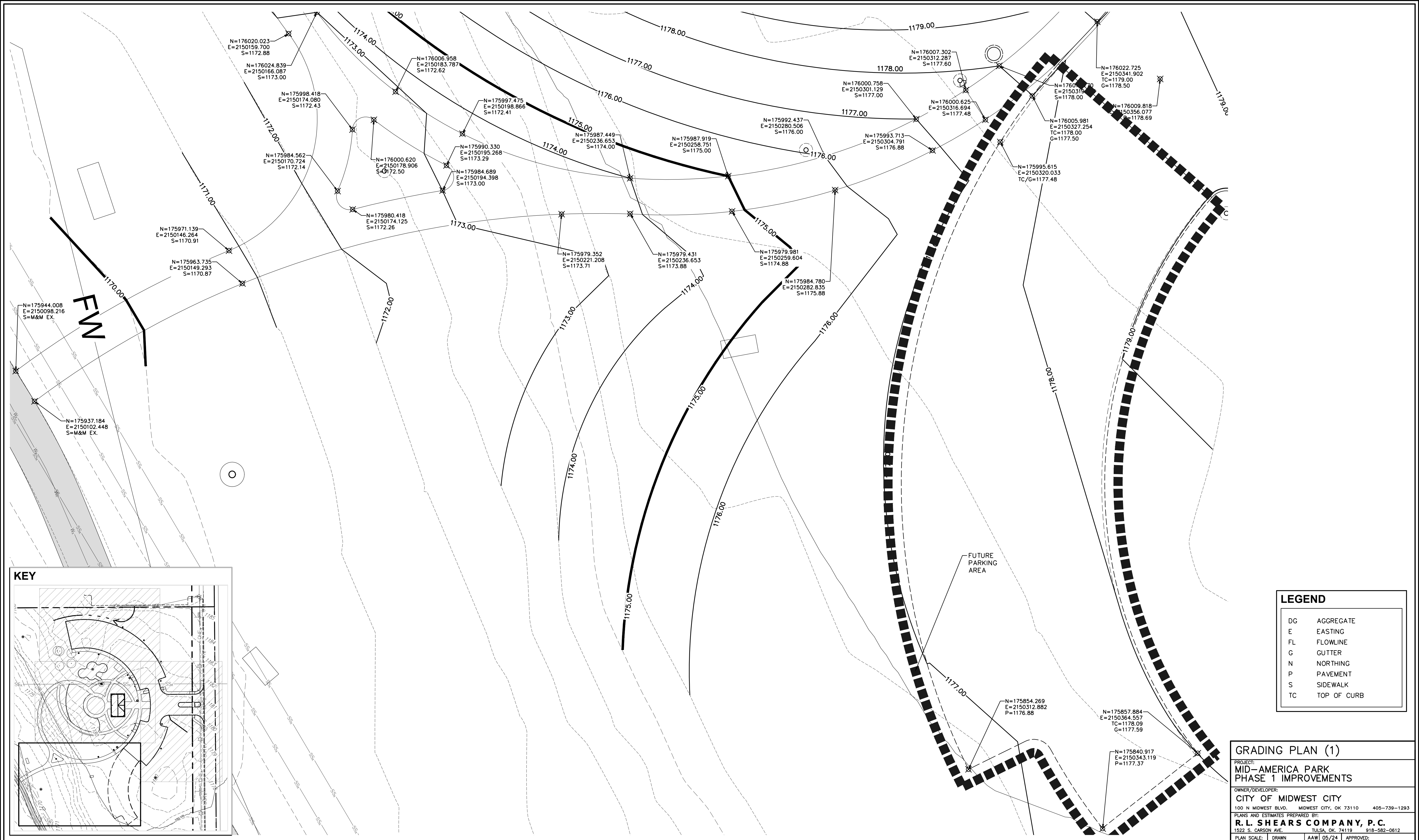
OWNER/DEVELOPER:
CITY OF MIDWEST CITY
 100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293

PLANS AND ESTIMATES PREPARED BY:
R. L. SHEARS COMPANY, P.C.
 1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0812

PLAN SCALE:	1" = 20'	DRAWN:	AAW	05/24	APPROVED:	
SURVEY:		DESIGNED:	RLS	05/24		
PROFILE SCALE:		FIELD MNGR.:				
HORIZONTAL:		SECT. MNGR.:				
VERTICAL:		PROJ. MNGR.:				
		RECOMMENDED:				
		DEPUTY DIRECTOR:				
FILE:		DRAWING:			DATE	05/07/2024
ATLAS PAGE NO.:	XXXX					SHEET 09 OF 37 SHEETS

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LEGEND

DG	AGGREGATE
E	EASTING
L	FLOWLINE
G	CUTTER
N	NORTHING
P	PAVEMENT
S	SIDEWALK
TC	TOP OF CURB

GRADING PLAN (1)

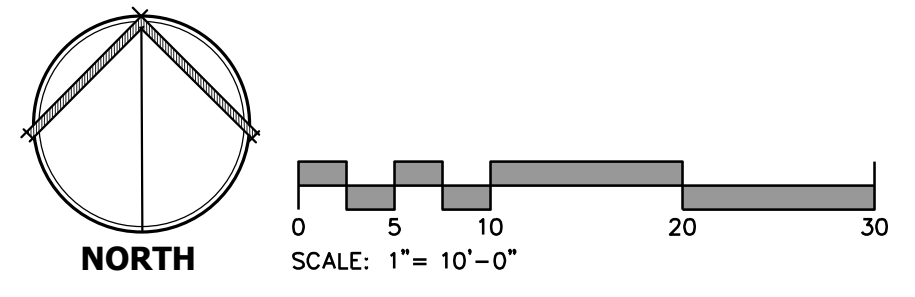
PROJECT:
**MID-AMERICA PARK
 PHASE 1 IMPROVEMENTS**

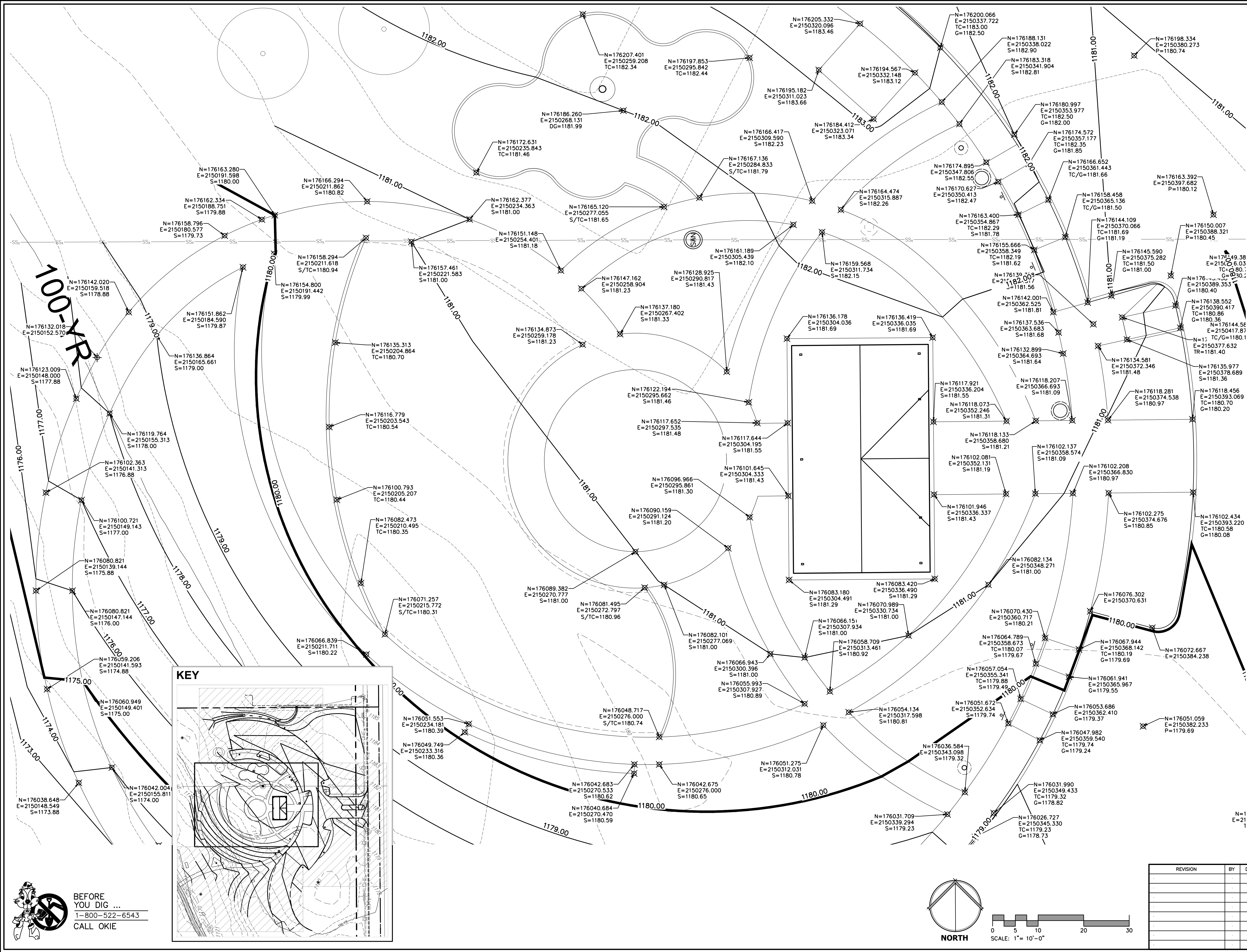
OWNER/DEVELOPER:
CITY OF MIDWEST CITY
 100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293

PLANS AND ESTIMATES PREPARED BY:
R. L. SHEARS COMPANY, P.C.
 1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612

PLAN SCALE:	1"=10'	DRAWN:	AAW	05/24	APPROVED:
		DESIGNED:	RLS	05/24	
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PROFILE SCALE:		FIELD MNGR.:			
HORIZONTAL:		SECT. MNGR.:			
		PROJ. MNGR.:			
VERTICAL:		RECOMMENDED:			
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FILE:		DRAWING:			DATE 05/07/2024
					SHEET 10 OF 37 SHEETS

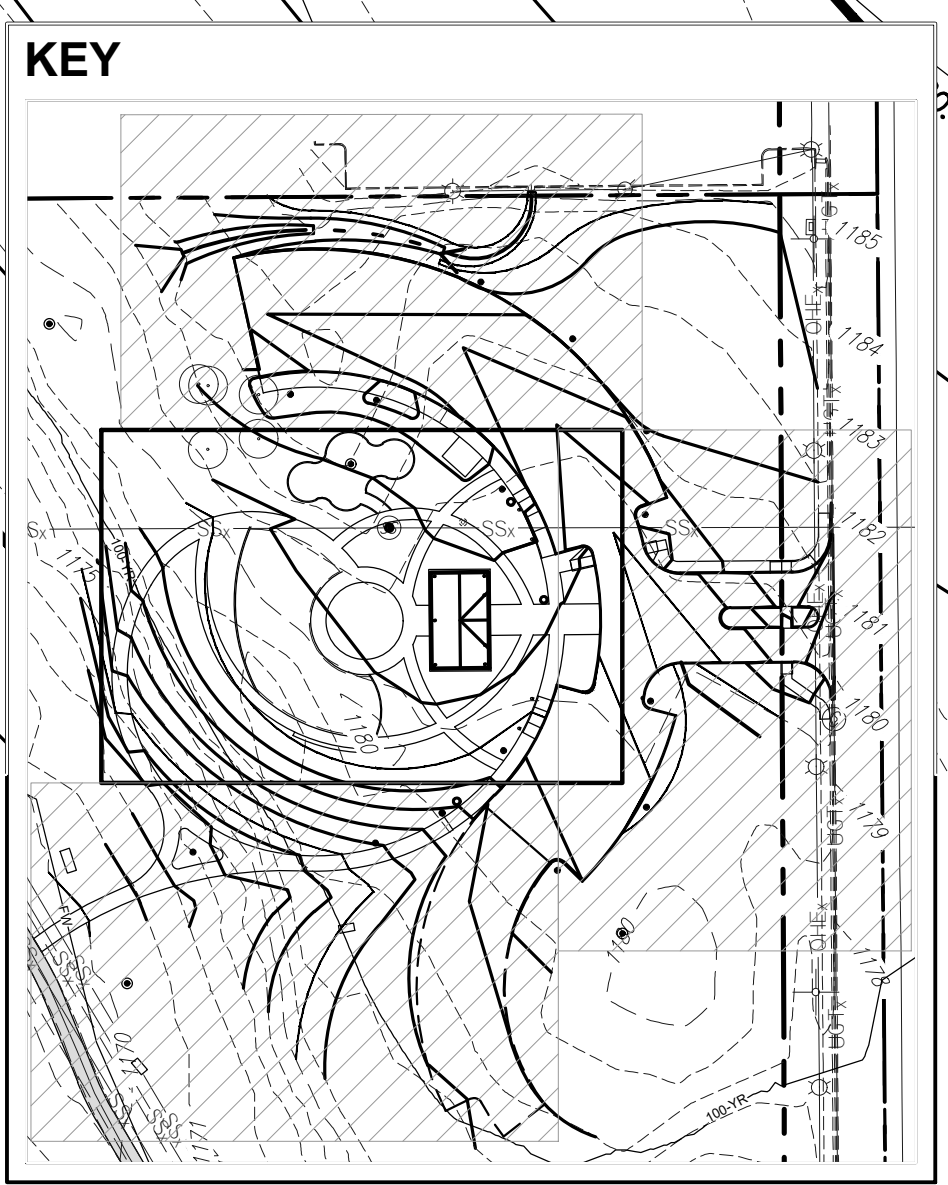
**BEFORE
 YOU DIG ...
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 CALL OKIE**





LEGEND

DG	AGGREGATE
E	EASTING
FL	FLOWLINE
G	GUTTER
N	NORTHING
P	PAVEMENT
S	SIDEWALK
TC	TOP OF CURB



GRADING PLAN (2)

PROJECT:
MID-AMERICA PARK
PHASE 1 IMPROVEMENTS

OWNER/DEVELOPER:
CITY OF MIDWEST CITY
100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293

PLANS AND ESTIMATES PREPARED BY:
R. L. SHEARS COMPANY, P.C.
1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612

REVISION	BY	DATE

PLAN SCALE:	DRAWN	AAW	05/24	APPROVED:
1"=10'	DESIGNED	RLS	05/24	
PROFILE SCALE:	SURVEY			
	FIELD MNGR.			
HORIZONTAL:	SECT. MNGR.			
	PROJ. MNGR.			
	RECOMMENDED:			
	DEPUTY DIRECTOR			
FILE:	DRAWING:			DATE 05/07/2024

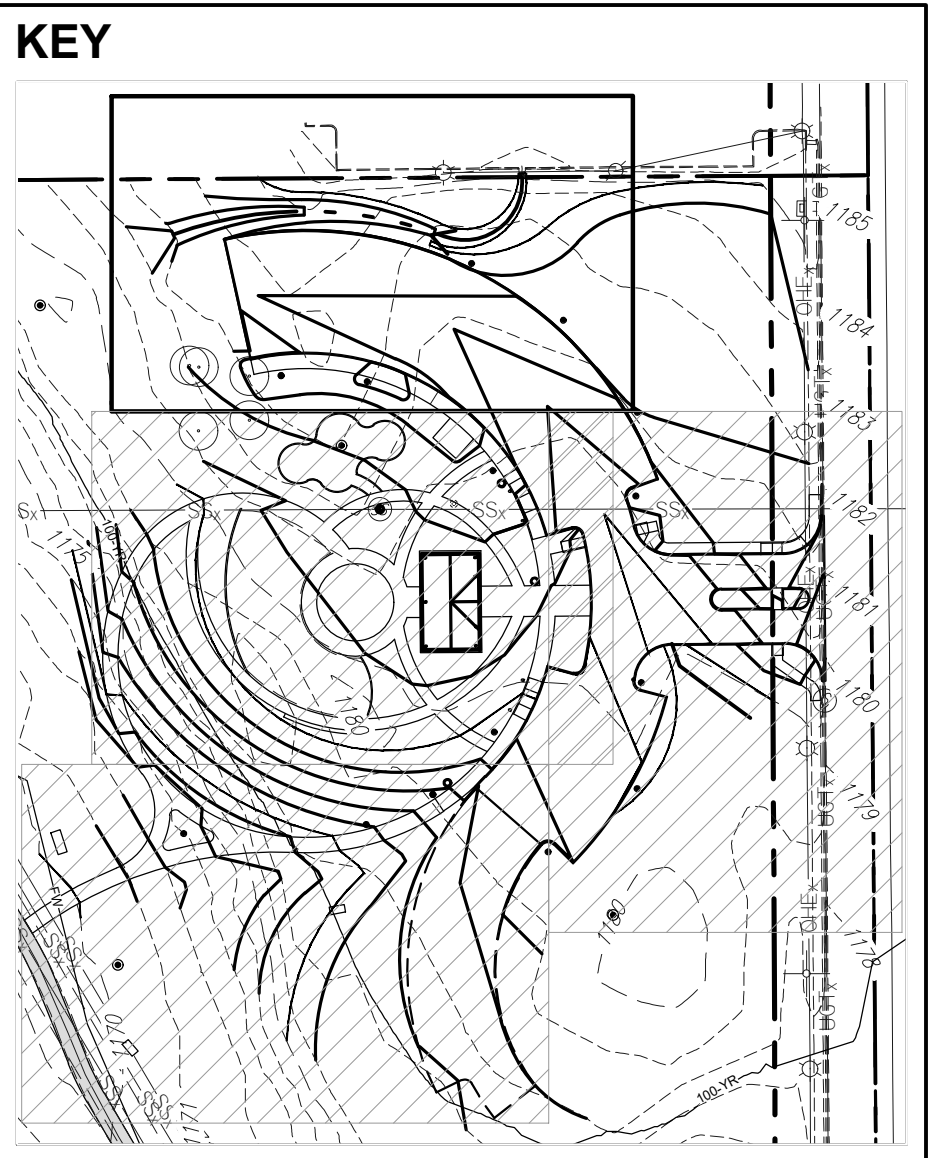
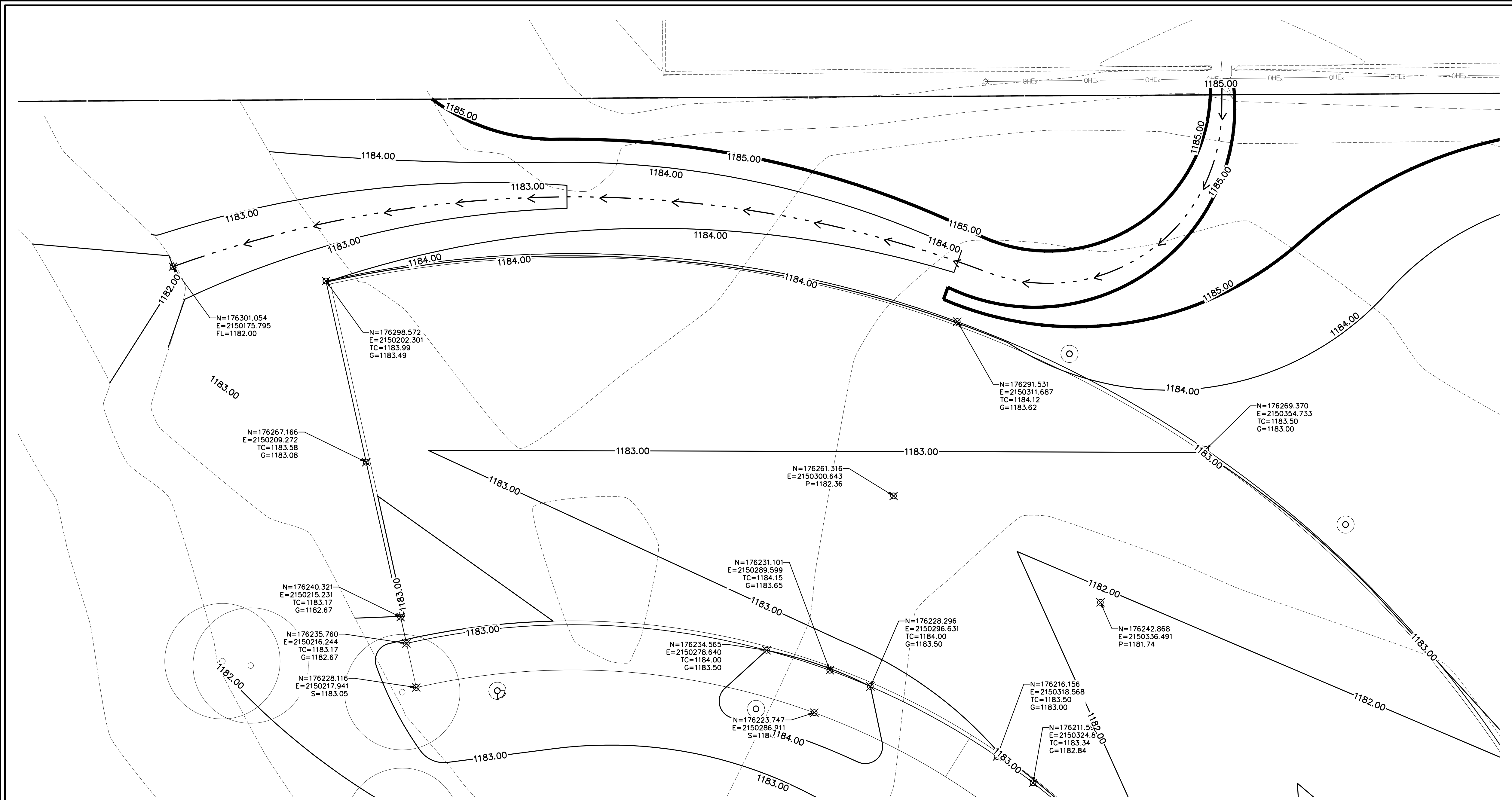
SCALE: 1"=10'-0"

0 5 10 20 30

NORTH

SHEET 11 OF 37 SHEETS

BEFORE YOU DIG ...
1-800-522-6543
CALL OKIE



LEGEND

DG	AGGREGATE
E	EASTING
FL	FLOWLINE
G	GUTTER
N	NORTHING
P	PAVEMENT
S	SIDEWALK
TC	TOP OF CURB

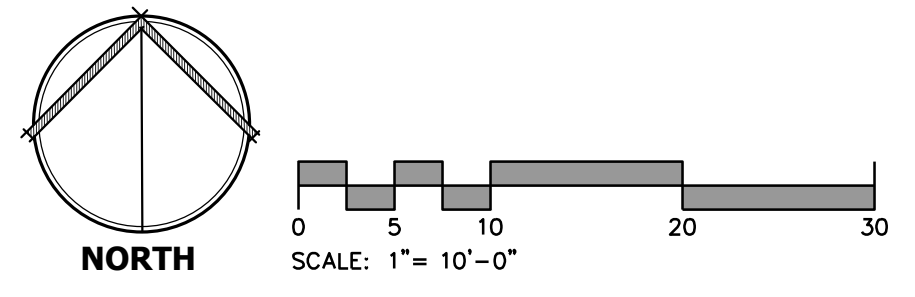
GRADING PLAN (3)

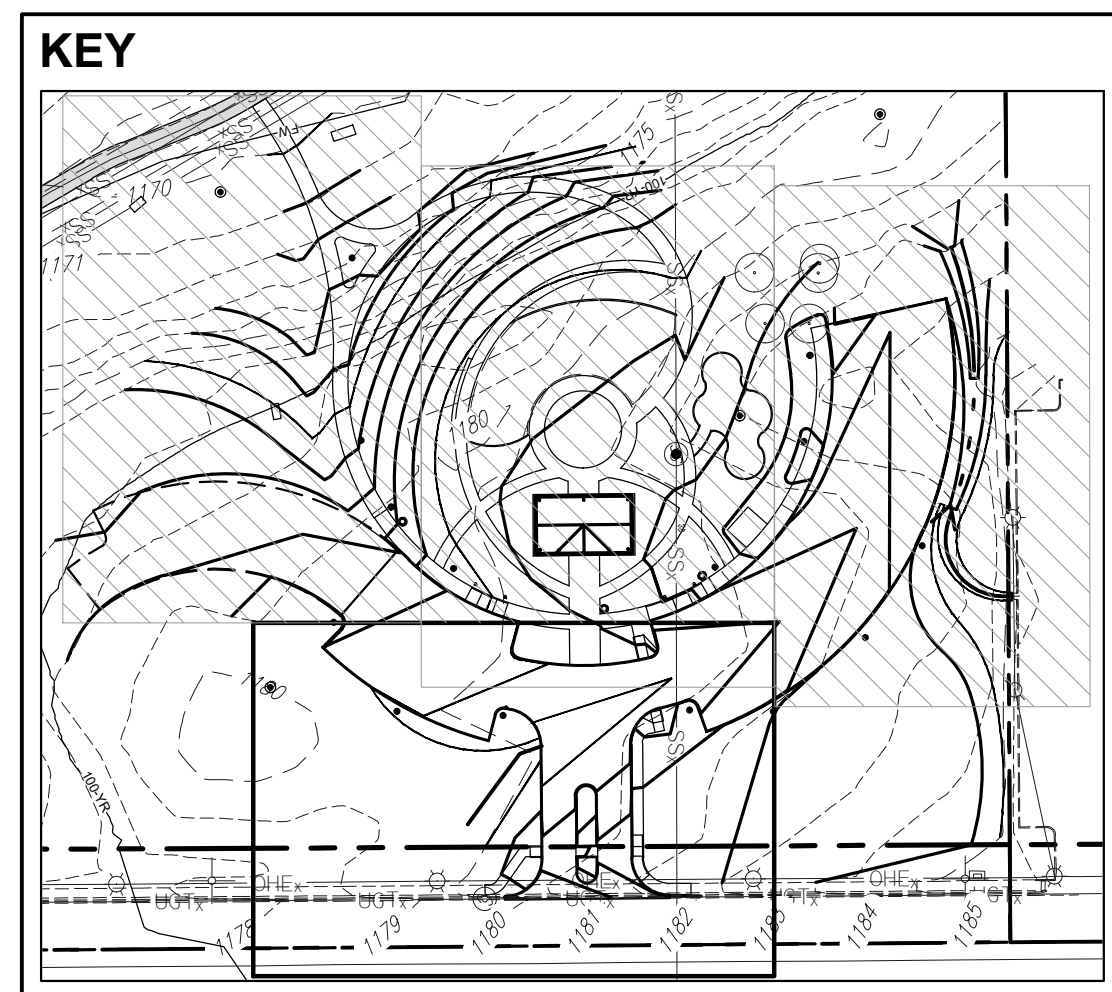
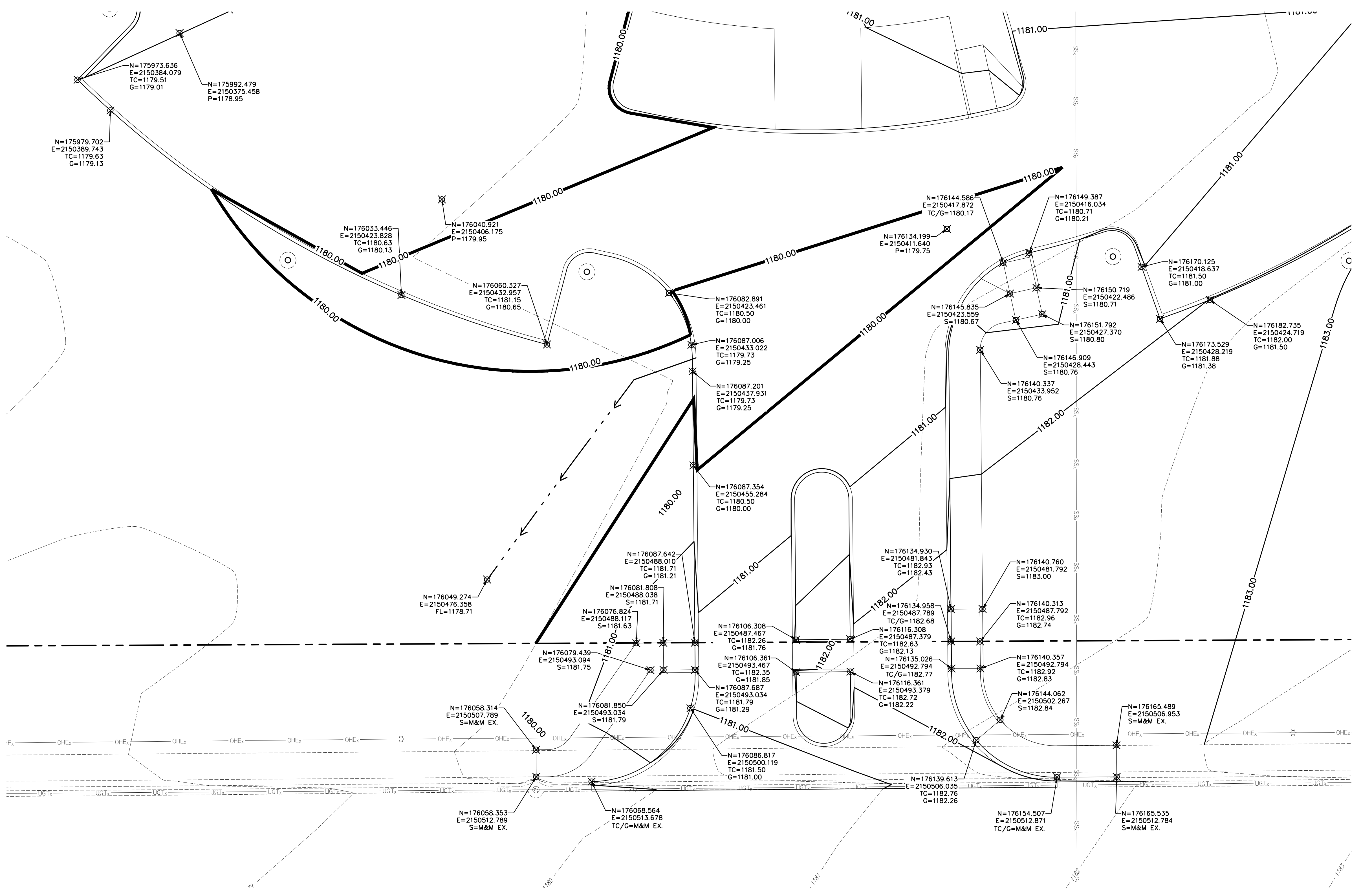
PROJECT:
MID-AMERICA PARK
PHASE 1 IMPROVEMENTS

OWNER/DEVELOPER:
CITY OF MIDWEST CITY
100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293

PLANS AND ESTIMATES PREPARED BY:
R. L. SHEARS COMPANY, P.C.
1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612

PLAN SCALE:	1"=10'	DESIGNED:	RLS	05/24	APPROVED:	
		SURVEY:				
PROFILE SCALE:		FIELD MNGR.:				
HORIZONTAL:		SECT. MNGR.:				
VERTICAL:		PROJ. MNGR.:				
		RECOMMENDED:				
		DEPUTY DIRECTOR:				
FILE:		DRAWING:			DATE	05/07/2024
						SHEET 12 OF 37 SHEETS





LEGEND

DG	AGGREGATE
E	EASTING
FL	FLOWLINE
G	GUTTER
N	NORTHING
P	PAVEMENT
S	SIDEWALK
TC	TOP OF CURB

GRADING PLAN (4)

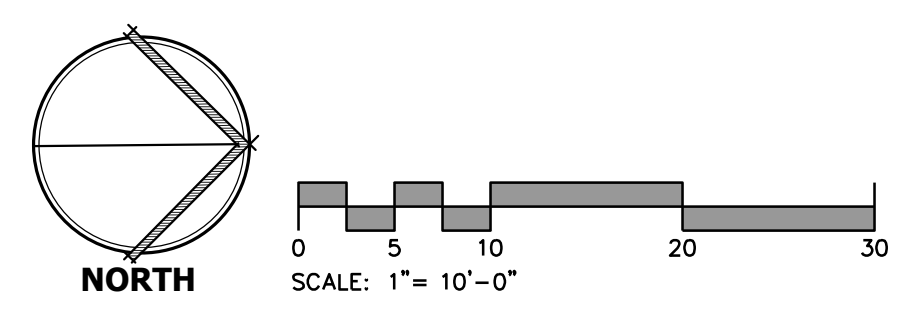
PROJECT:
MID-AMERICA PARK
PHASE 1 IMPROVEMENTS

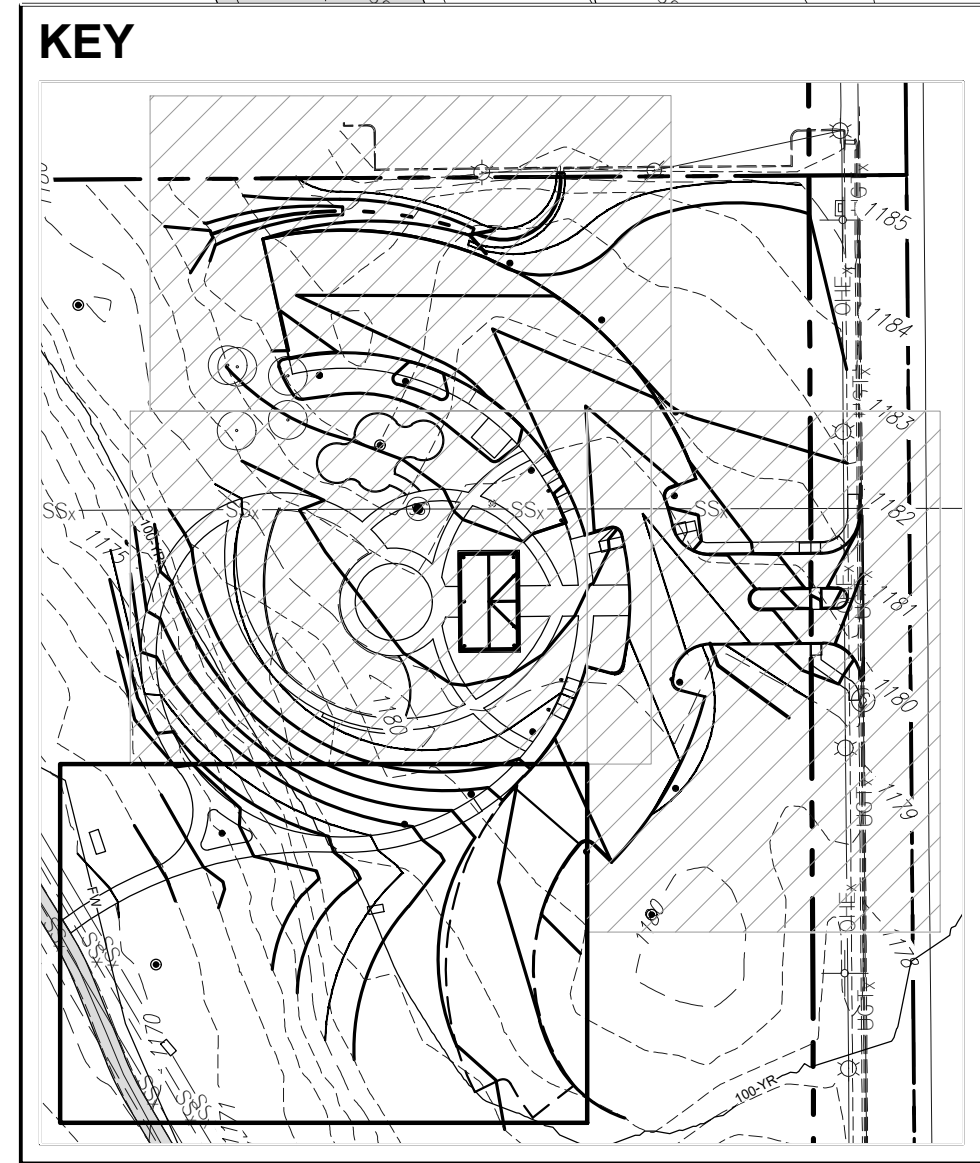
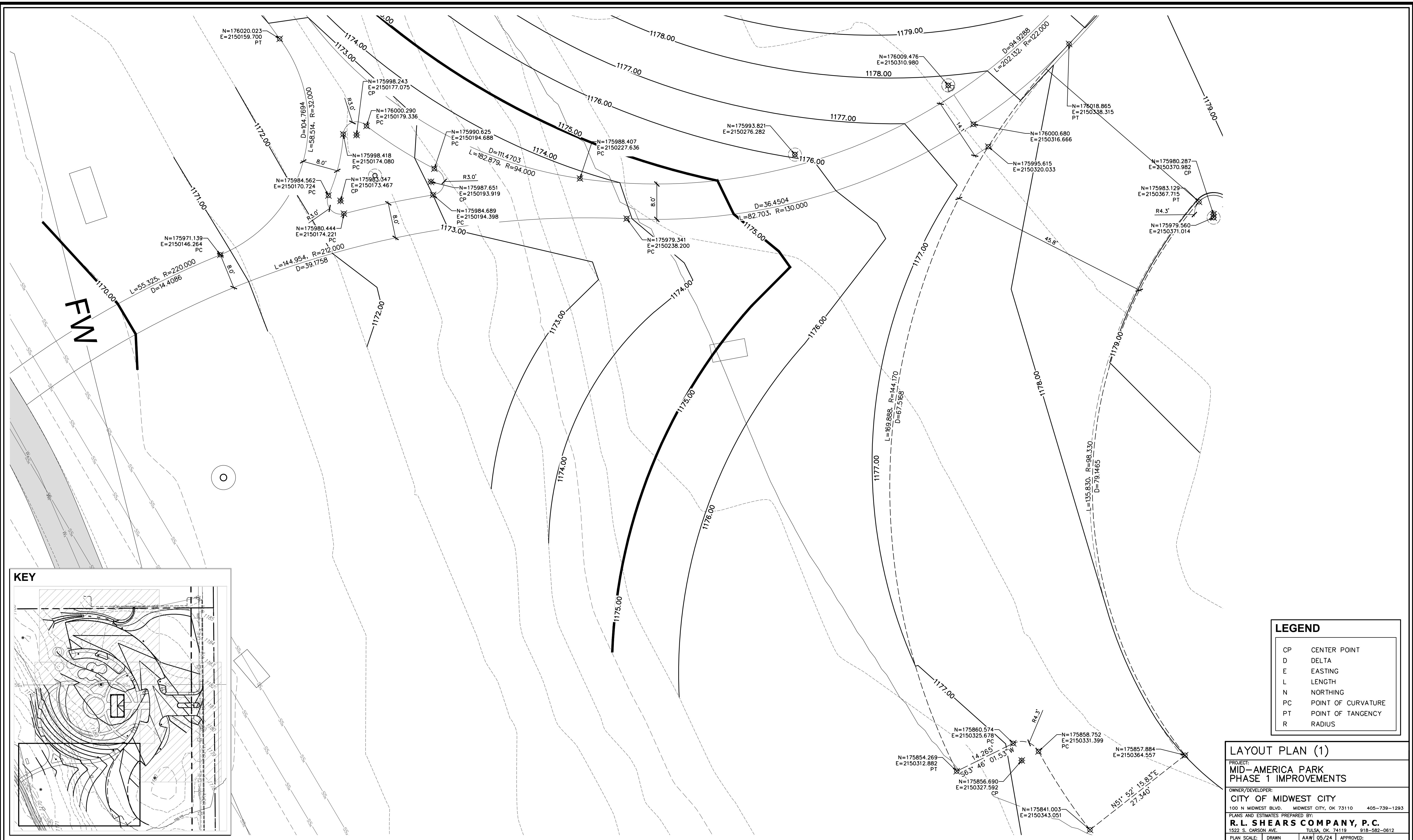
OWNER/DEVELOPER:
CITY OF MIDWEST CITY
100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293

PLANS AND ESTIMATES PREPARED BY:
R. L. SHEARS COMPANY, P.C.
1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612

PLAN SCALE:	1"=10'	DESIGNED:	AAW	05/24	APPROVED:	
		SURVEY:	RLS	05/24		
PROFILE SCALE:		FIELD MNGR.:				
HORIZONTAL:		SECT. MNGR.:				
VERTICAL:		PROJ. MNGR.:				
		RECOMMENDED:				
		DEPUTY DIRECTOR:				
FILE:		DRAWING:			DATE	05/07/2024
						SHEET 13 OF 37 SHEETS

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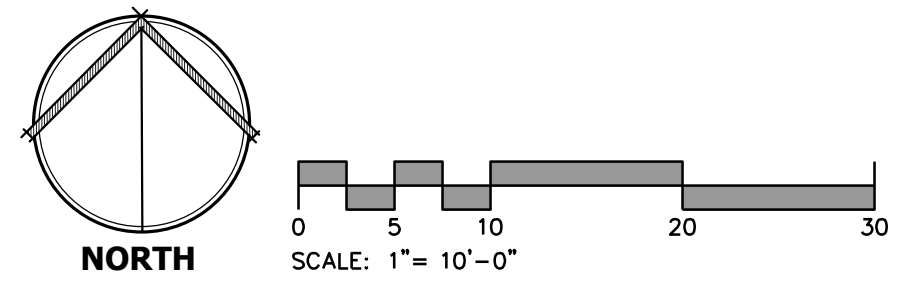


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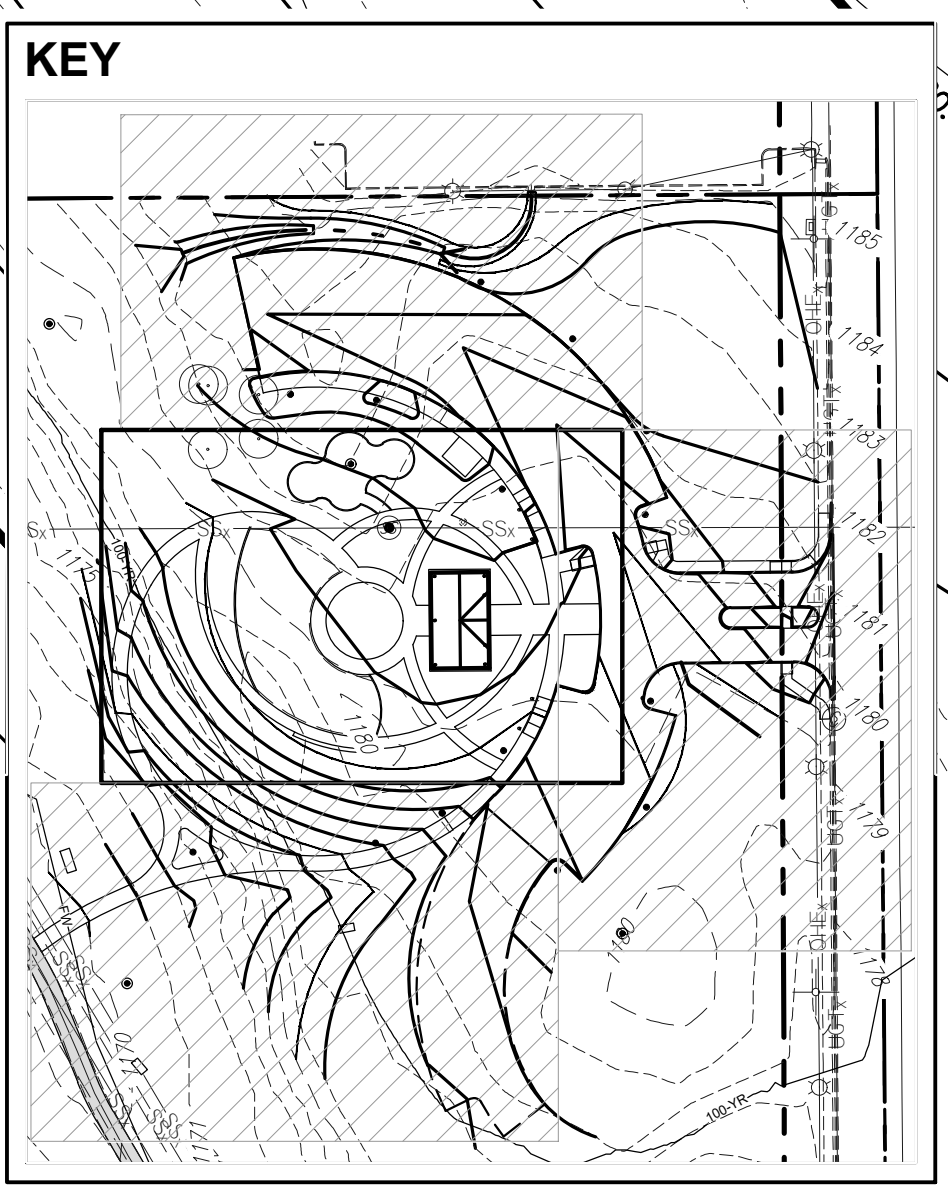
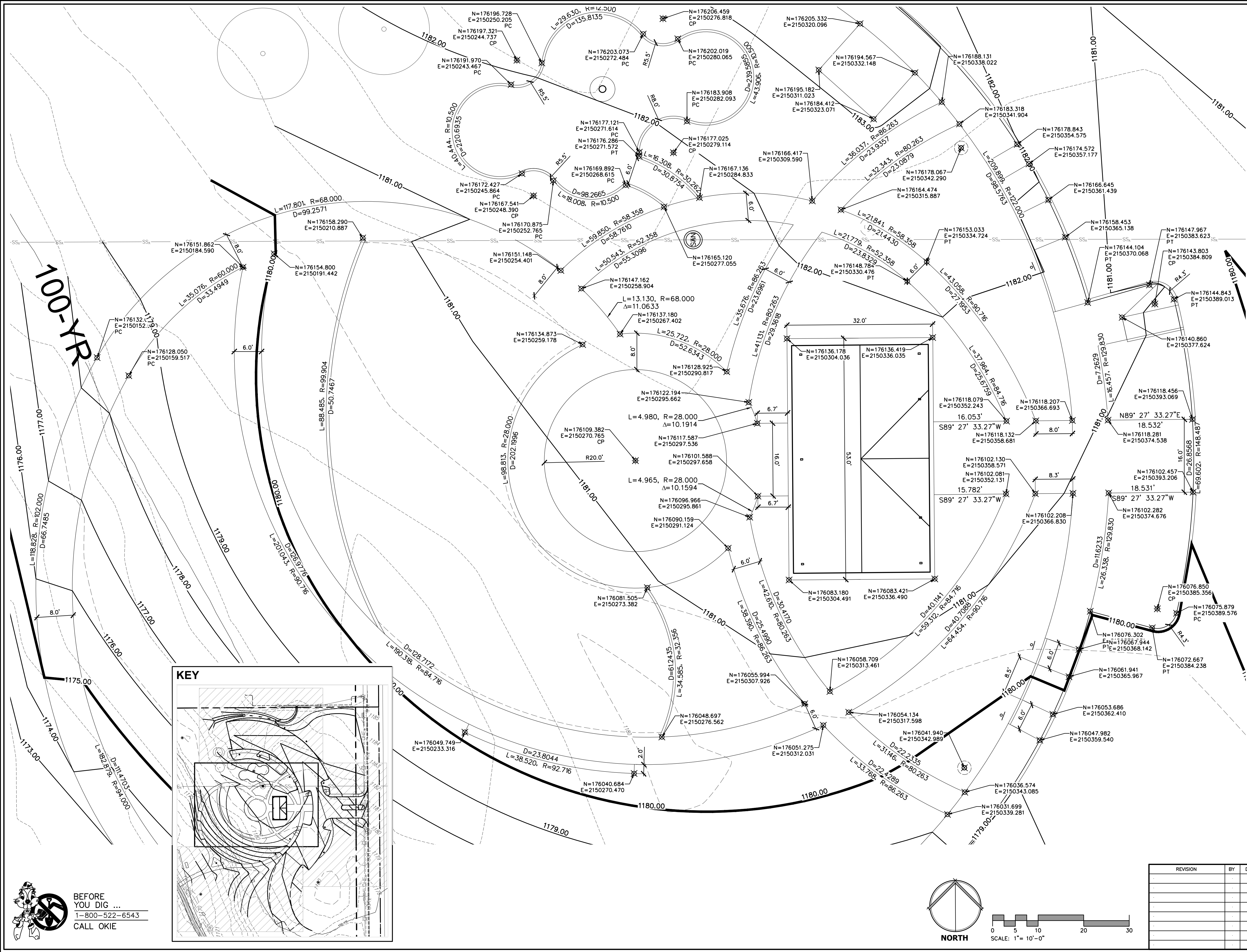
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D	DELTA
E	EASTING
L	LENGTH
N	NORTHING
PC	POINT OF CURVATURE
PT	POINT OF TANGENCY
R	RADIUS

LAYOUT PLAN (1)
 PROJECT:
MID-AMERICA PARK
PHASE 1 IMPROVEMENTS
 OWNER/DEVELOPER:
CITY OF MIDWEST CITY
 100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293
 PLANS AND ESTIMATES PREPARED BY:
R. L. SHEARS COMPANY, P.C.
 1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612

REVISION	BY	DATE	1"=10'	DESIGNED	RLS	05/24	APPROVED:
				SURVEY			
				FIELD MNGR.			
				SECT. MNGR.			
				PROJ. MNGR.			
				RECOMMENDED:			
				DEPUTY DIRECTOR			
				DRAWING:			



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LEGEND

CP	CENTER POINT
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L	LENGTH
N	NORTHING
PC	POINT OF CURVATURE
PT	POINT OF TANGENCY
R	RADIUS

LAYOUT PLAN (2)

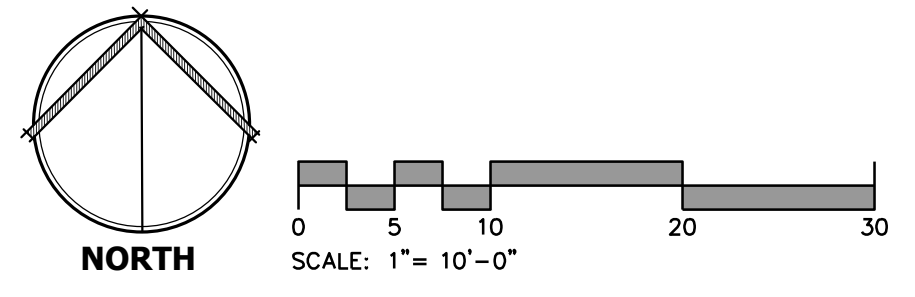
PROJECT:
MID-AMERICA PARK
PHASE 1 IMPROVEMENTS

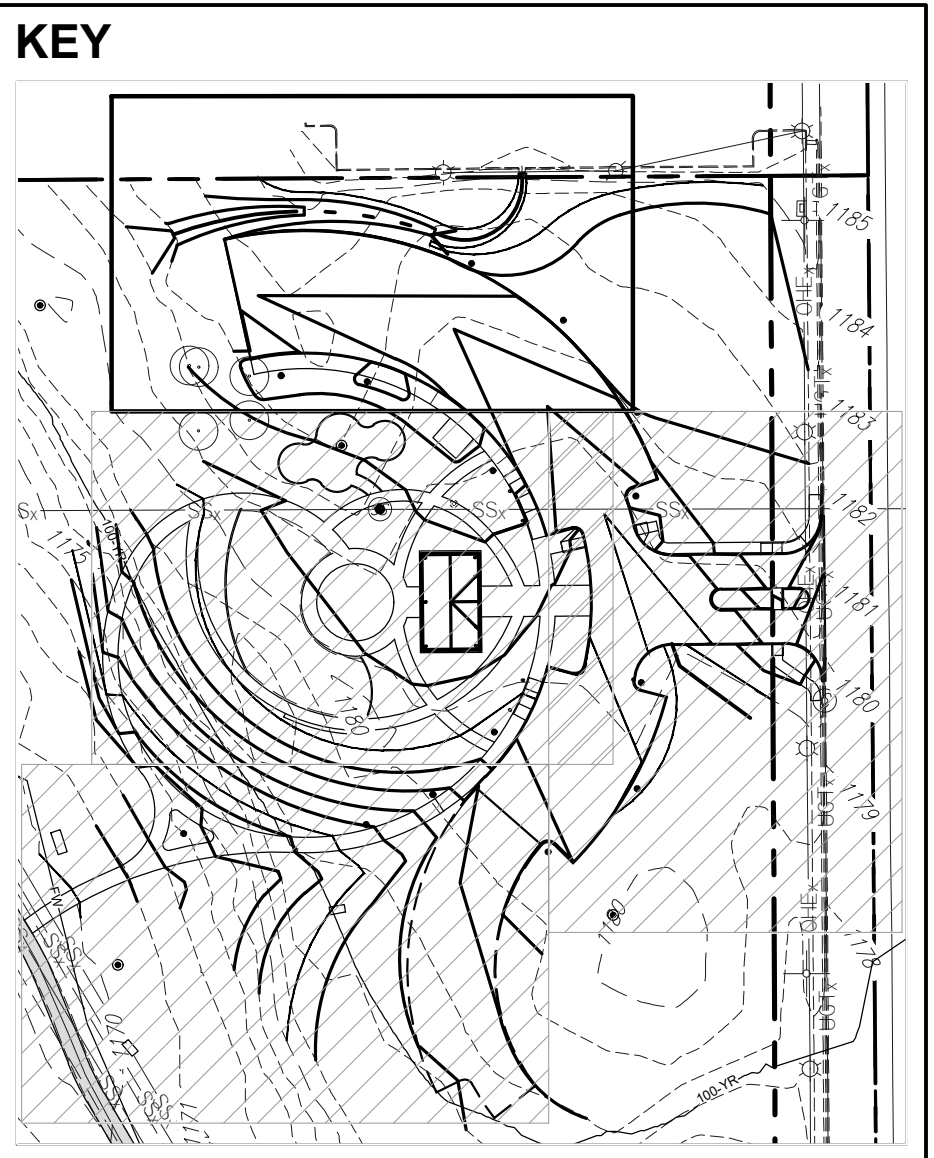
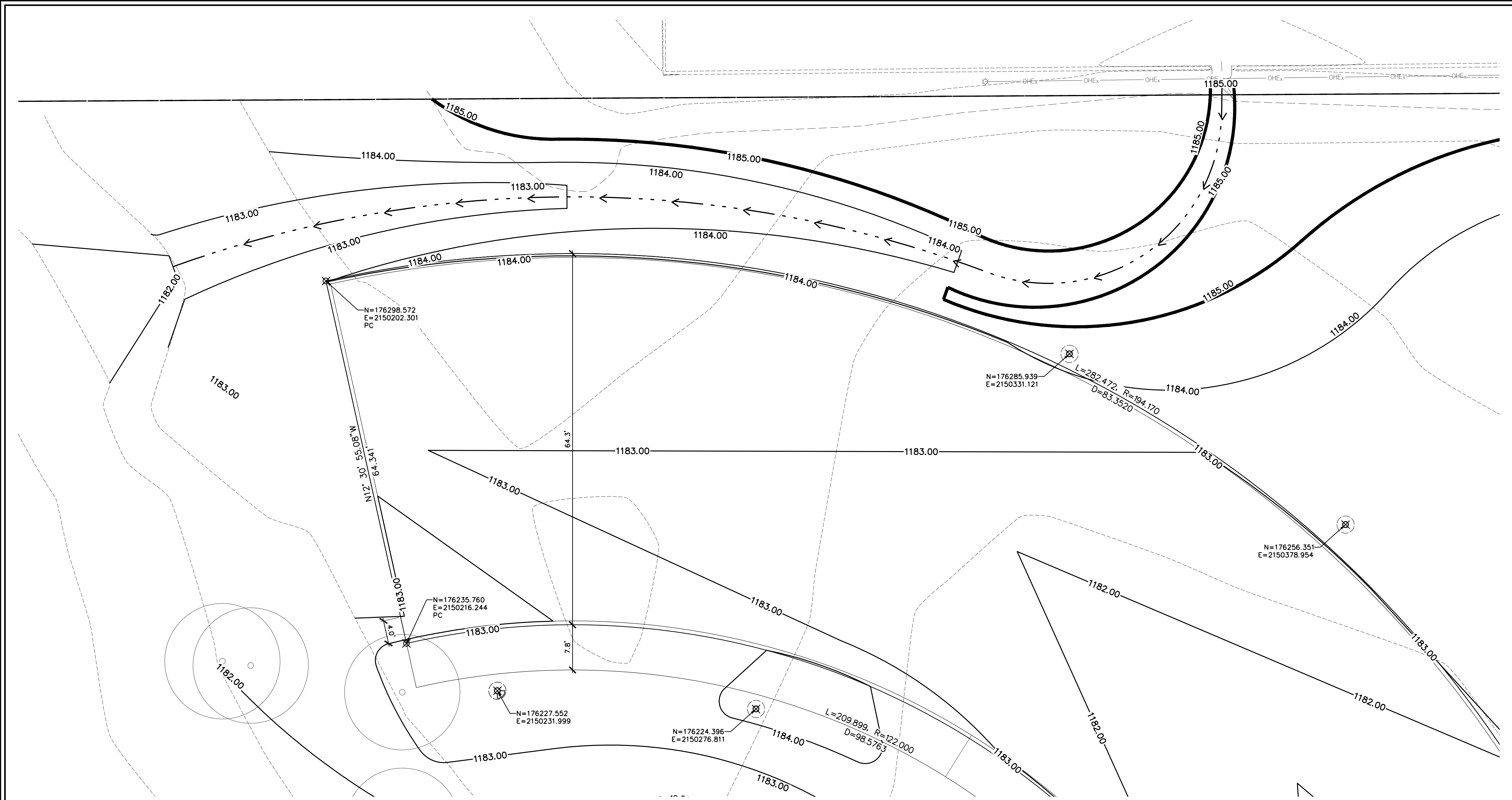
OWNER/DEVELOPER:
CITY OF MIDWEST CITY
100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293

PLANS AND ESTIMATES PREPARED BY:
R. L. SHEARS COMPANY, P.C.
1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612

PLAN SCALE:	DRAWN	AAW	05/24	APPROVED:
1"=10'	DESIGNED	RLS	05/24	
	SURVEY			
PROFILE SCALE:	FIELD MNGR.			
HORIZONTAL:	SECT. MNGR.			
	PROJ. MNGR.			
VERTICAL:	RECOMMENDED:			
	DEPUTY DIRECTOR			
FILE:	DRAWING:			DATE 05/07/2024
				SHEET 15 OF 37 SHEETS

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LEGEND

CP	CENTER POINT
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L	LENGTH
N	NORTHING
PC	POINT OF CURVATURE
PT	POINT OF TANGENCY
R	RADIUS

LAYOUT PLAN (3)

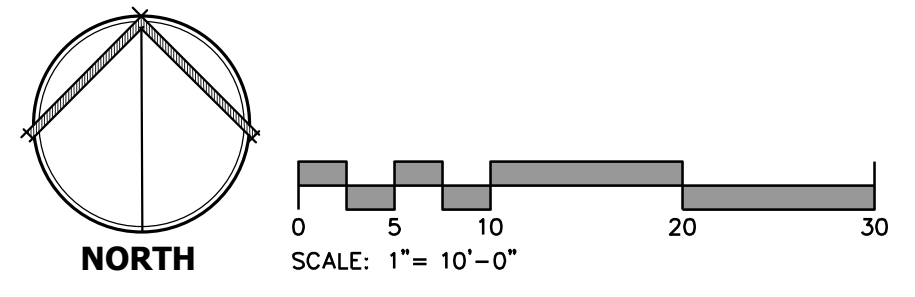
PROJECT:
**MID-AMERICA PARK
 PHASE 1 IMPROVEMENTS**

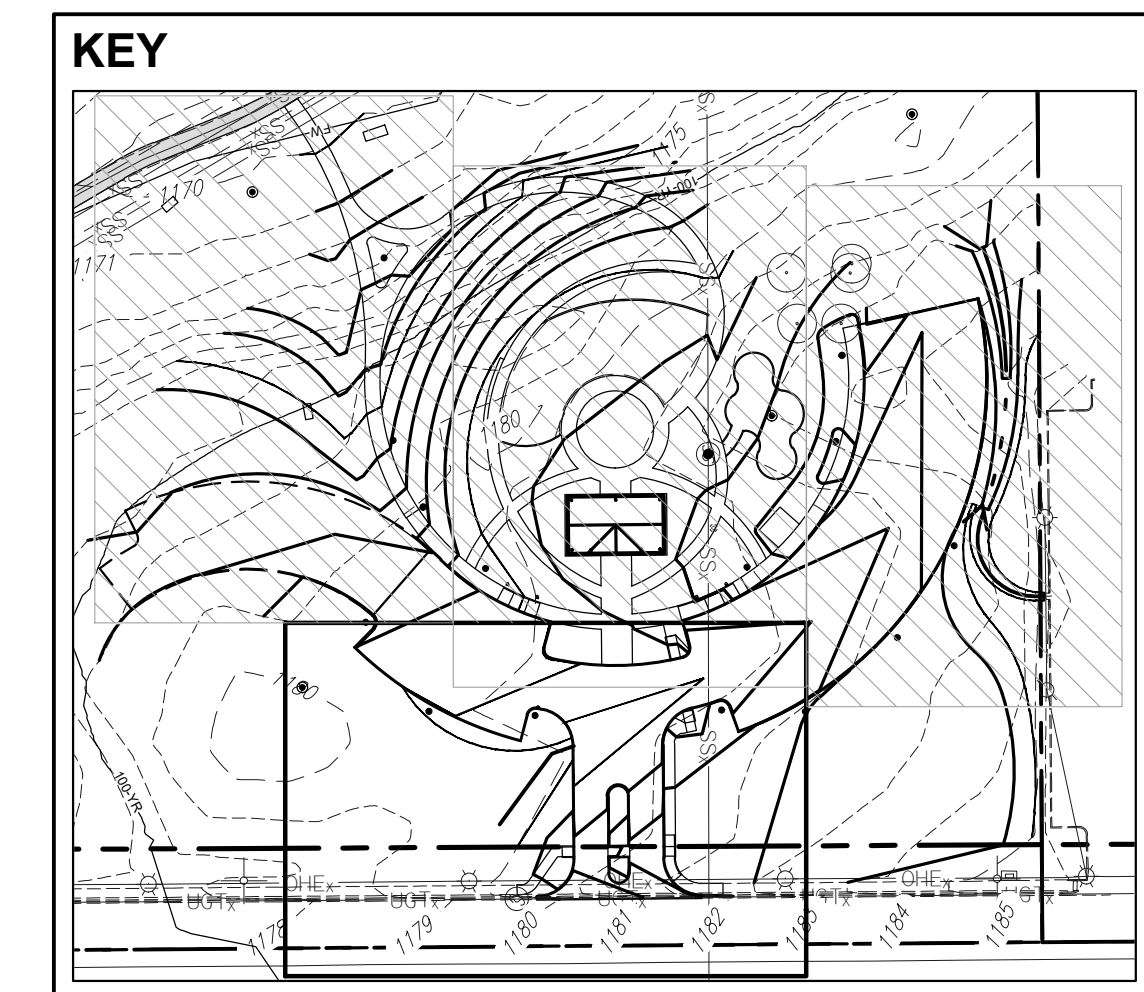
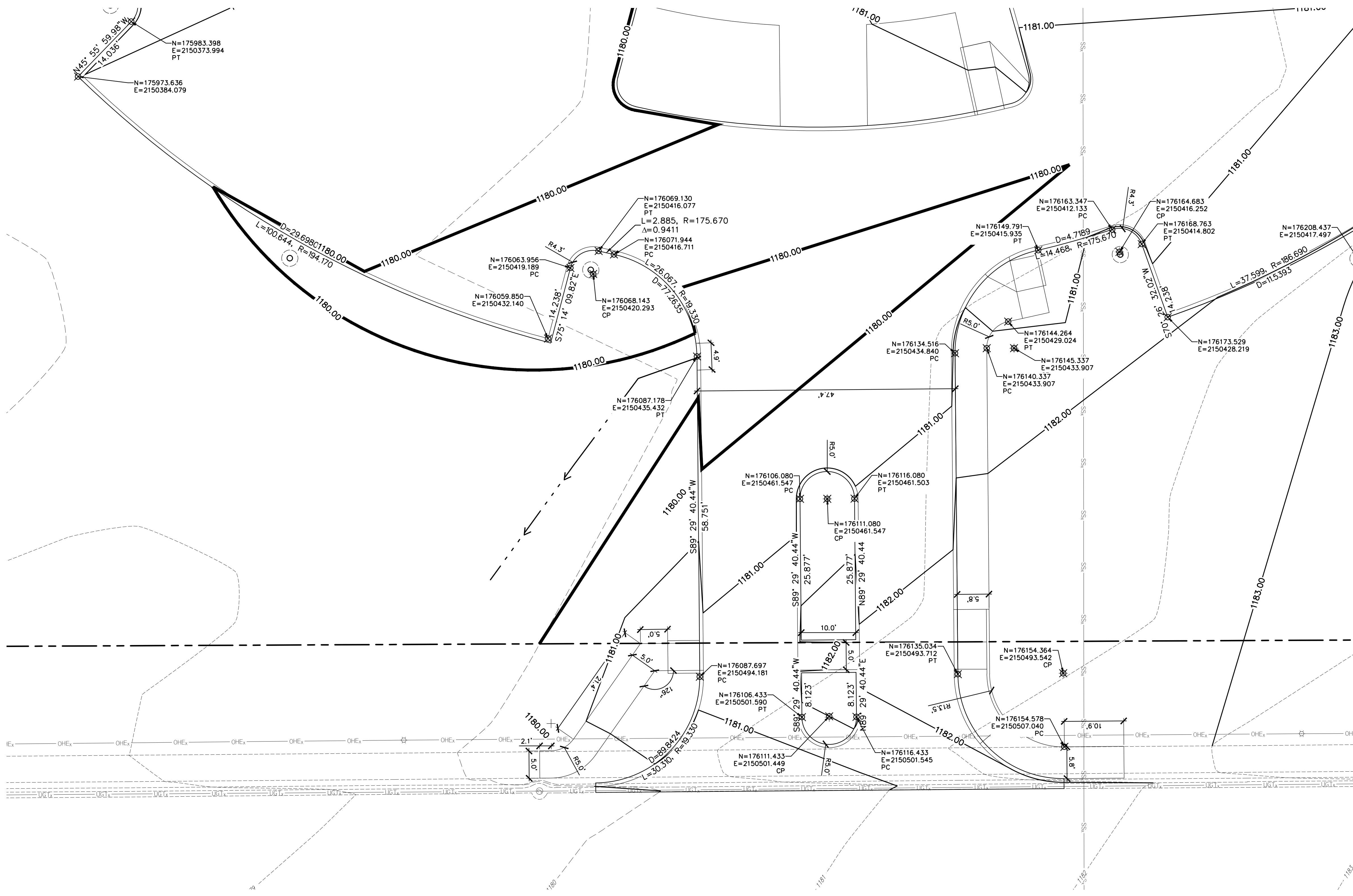
OWNER/DEVELOPER:
CITY OF MIDWEST CITY
 100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293

PLANS AND ESTIMATES PREPARED BY:
R. L. SHEARS COMPANY, P.C.
 1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612

PLAN SCALE:	1"=10'	DRAWN:	AAW	05/24	APPROVED:	
		DESIGNED:	RLS	05/24		
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PROFILE SCALE:		FIELD MNGR.:				
HORIZONTAL:		SECT. MNGR.:				
		PROJ. MNGR.:				
VERTICAL:		RECOMMENDED:				
		DEPUTY DIRECTOR:				
FILE:		DRAWING:			DATE	05/07/2024
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LEGEND

CP	CENTER POINT
D	DELTA
E	EASTING
L	LENGTH
N	NORTHING
PC	POINT OF CURVATURE
PT	POINT OF TANGENCY
R	RADIUS

LAYOUT PLAN (4)

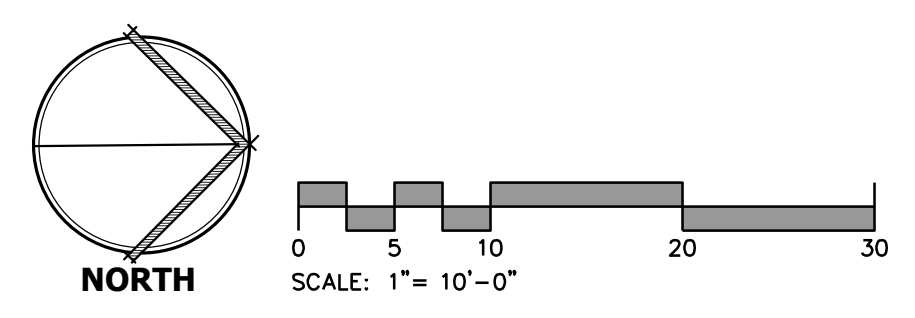
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MID-AMERICA PARK
PHASE 1 IMPROVEMENTS

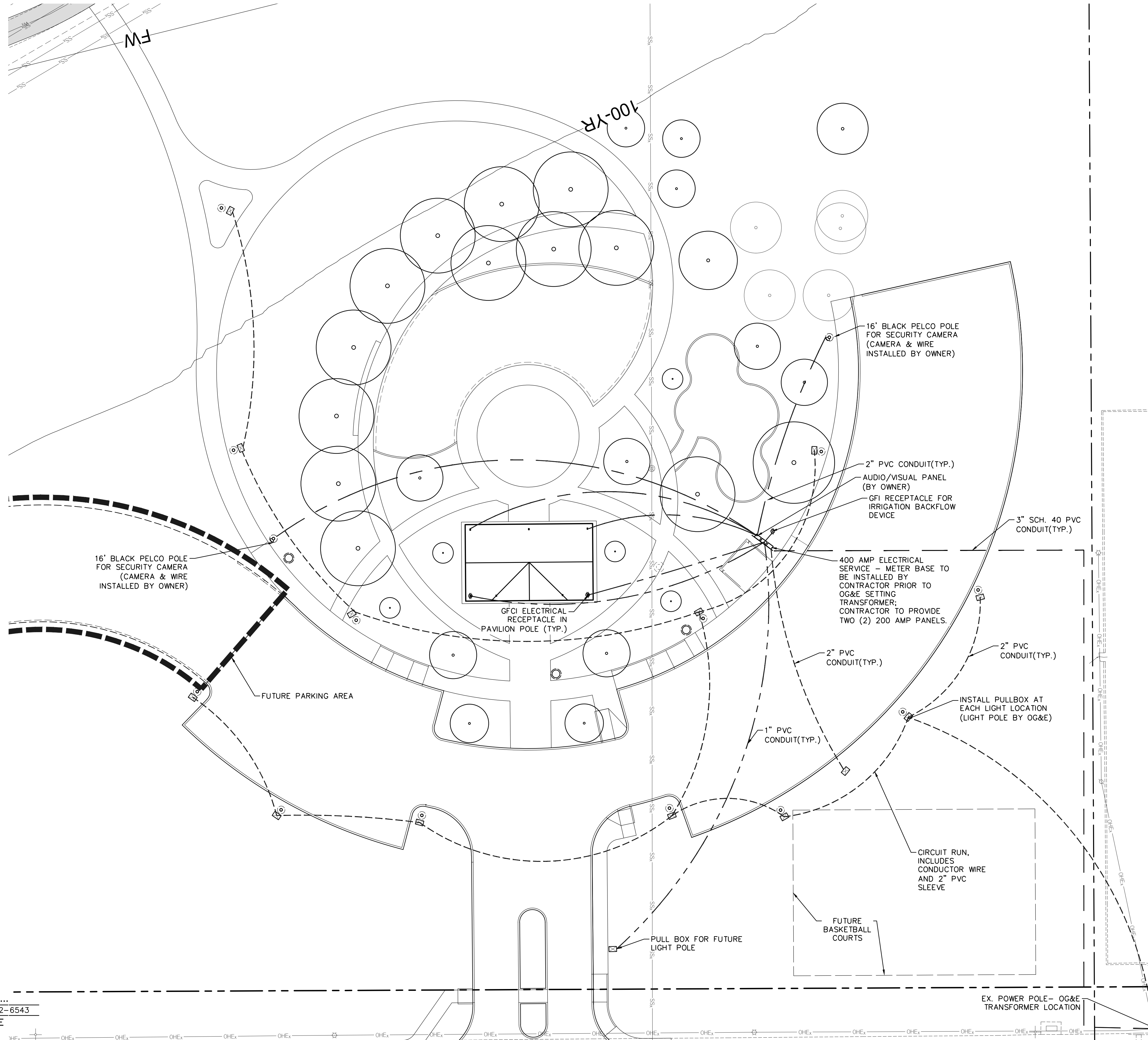
OWNER/DEVELOPER:
CITY OF MIDWEST CITY
100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293

PLANS AND ESTIMATES PREPARED BY:
R. L. SHEARS COMPANY, P.C.
1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612

PLAN SCALE:	1"=10'	DRAWN:	AAW	05/24	APPROVED:	
		DESIGNED:	RLS	05/24		
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PROFILE SCALE:		FIELD MNGR.:				
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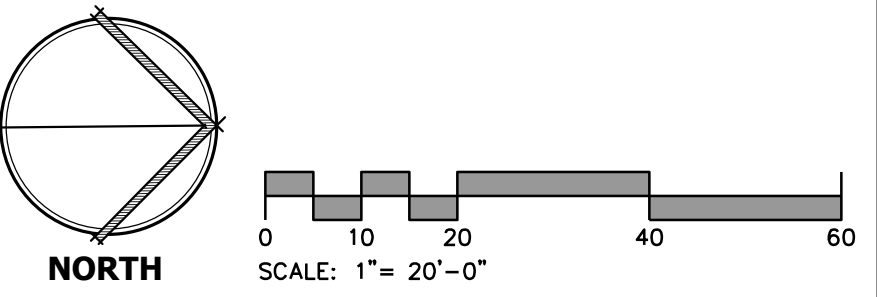
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LEGEND

- ELECTRICAL SERVICE METER & PANELS
- GFCI
- CAMERA POLE
- LIGHT POLE (BY OTHERS)
- PULL BOX
- 2" PVC - LIGHTING
- 2" PVC - A/V
- 1" PVC
- 3" PVC



ELECTRICAL CONDUIT PLAN

PROJECT:
**MID-AMERICA PARK
 PHASE 1 IMPROVEMENTS**

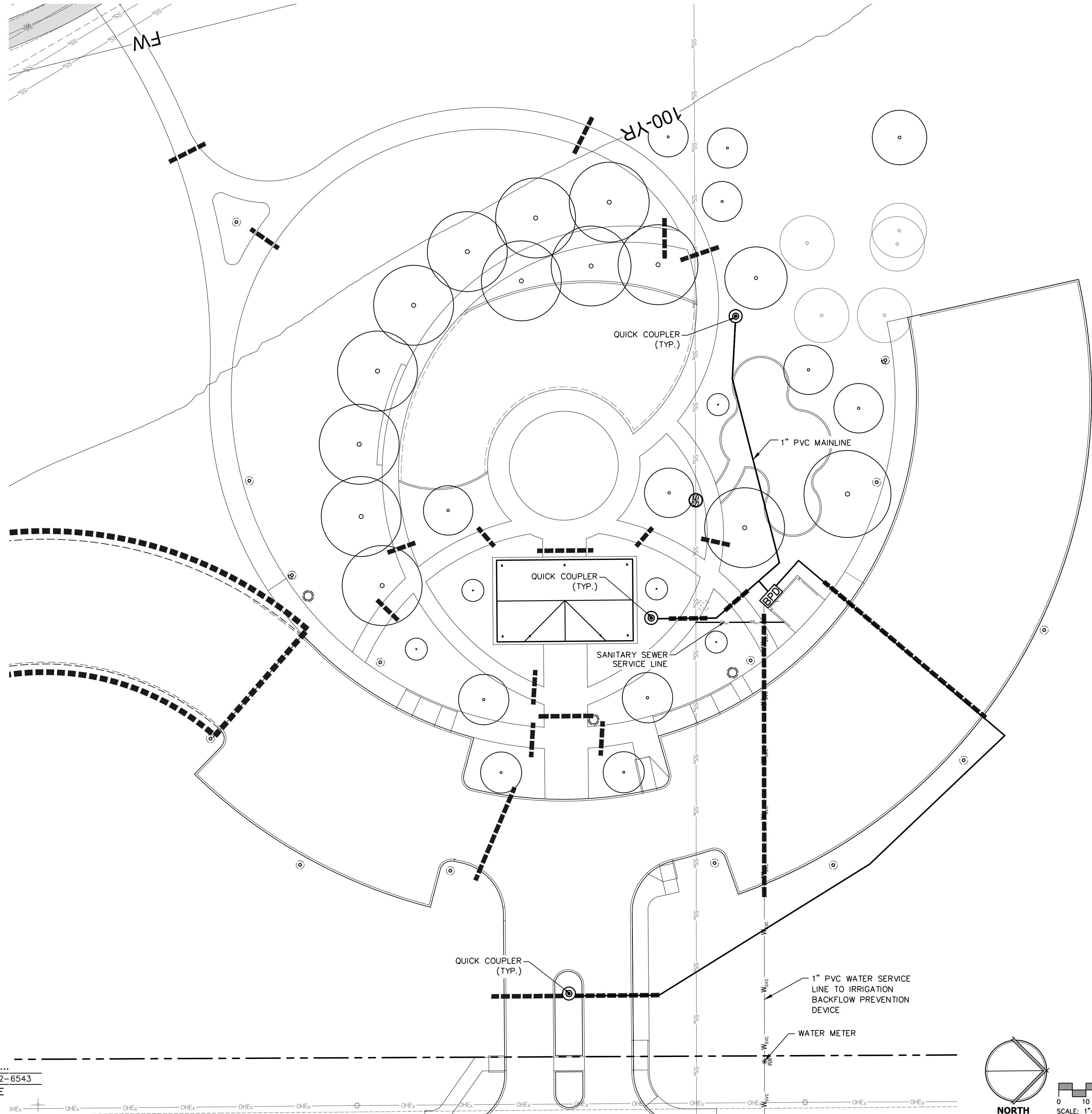
OWNER/DEVELOPER:
CITY OF MIDWEST CITY
 100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293

PLANS AND ESTIMATES PREPARED BY:
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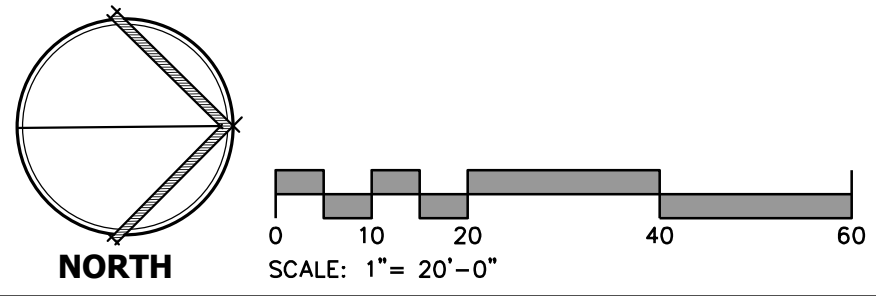


LEGEND	
	1" METER (REFER TO UTILITY PLANS)
	QUICK COUPLER
	BACKFLOW PREVENTION DEVICE
	1" COPPER SERVICE LINE
	1" MAIN LINE LOOP-PVC
	4" SCH. 40 PVC SLEEVE (TRENCHED) (2)

- NOTES**
1. THE IRRIGATION DESIGN SHOWN ON THE PLANS IS DIAGRAMMATIC AND IS INTENDED TO SHOW THE GENERAL LAYOUT AND LOGIC OF THE SYSTEM.
 2. EXISTING UTILITIES ARE SHOWN TO THE EXTENT KNOWN. CONTRACTOR SHALL VERIFY LOCATIONS PRIOR TO EXCAVATING.
 3. PROVIDE 90 DEGREE BEND & EXTEND ABOVE GRADE WITH CAP.
 4. EXTEND PVC SLEEVES 1'-0" BEYOND EDGE OF PAVEMENT OR HARDSCAPE.
 5. PVC SLEEVES SHALL BE A MINIMUM OF 24" BELOW FINISH GRADE.
 6. ALL TREES SHALL BE PROVIDED WITH TWO (2) ORIGINAL TREEGATOR BAGS OR APPROVED EQUAL. CONTRACTOR TO BE RESPONSIBLE FOR FILLING WEEKLY DURING PROJECT CONSTRUCTION. PRICE TO BE INCLUDED IN COST OF TREES.

IRRIGATION PLAN			
PROJECT: MID-AMERICA PARK PHASE 1 IMPROVEMENTS			
OWNER/DEVELOPER: CITY OF MIDWEST CITY 100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293			
PLANS AND ESTIMATES PREPARED BY: R. L. SHEARS COMPANY, P.C. 1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612			
PLAN SCALE:	DRAWN	AAW	05/24
1" = 20'	DESIGNED	RLS	05/24
	SURVEY		
PROFILE SCALE:	FIELD MNGR.		
HORIZONTAL:	SECT. MNGR.		
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VERTICAL:	RECOMMENDED:		
	DEPUTY DIRECTOR		
FILE:	DRAWING:		DATE 05/07/2024
ATLAS PAGE NO: XXXX			SHEET 19 OF 37 SHEETS

REVISION	BY	DATE



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100-YR

OUTLET LATERAL HEADWALL
REFER TO DETAIL F/27

4" SOLID CORRUGATED PIPE
(DRAIN TO DAYLIGHT)

4" PERFORATED CORRUGATED
PIPE

FL: 1179.26

FL: 1180.22

FL: 1179.87

FL: 1180.53

FL: 1180.53

FL: 1180.02

LEGEND

— 4" SOLID CORRUGATED PIPE

- - - 4" PERFORATED CORRUGATED PIPE

NOTES

COORDINATE INSTALLATION OF UNDERDRAIN WITH
PLAYGROUND AND PLAYGROUND SURFACING
INSTALLERS. REFER TO DETAILS D&E,
CONSTRUCTION DETAILS (3).

UNDERDRAIN PLAN

PROJECT:
MID-AMERICA PARK
PHASE 1 IMPROVEMENTS

OWNER/DEVELOPER:
CITY OF MIDWEST CITY
100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293

PLANS AND ESTIMATES PREPARED BY:
R. L. SHEARS COMPANY, P.C.
1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0812

REVISION	BY	DATE	DESIGNED	AAW	05/24	APPROVED:
			SURVEY	RLS	05/24	
			FIELD MNGR.			
			SECT. MNGR.			
			PROJ. MNGR.			
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			DEPUTY DIRECTOR			

PLAN SCALE: 1"=10'

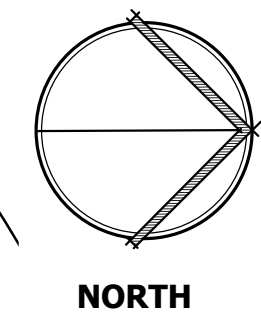
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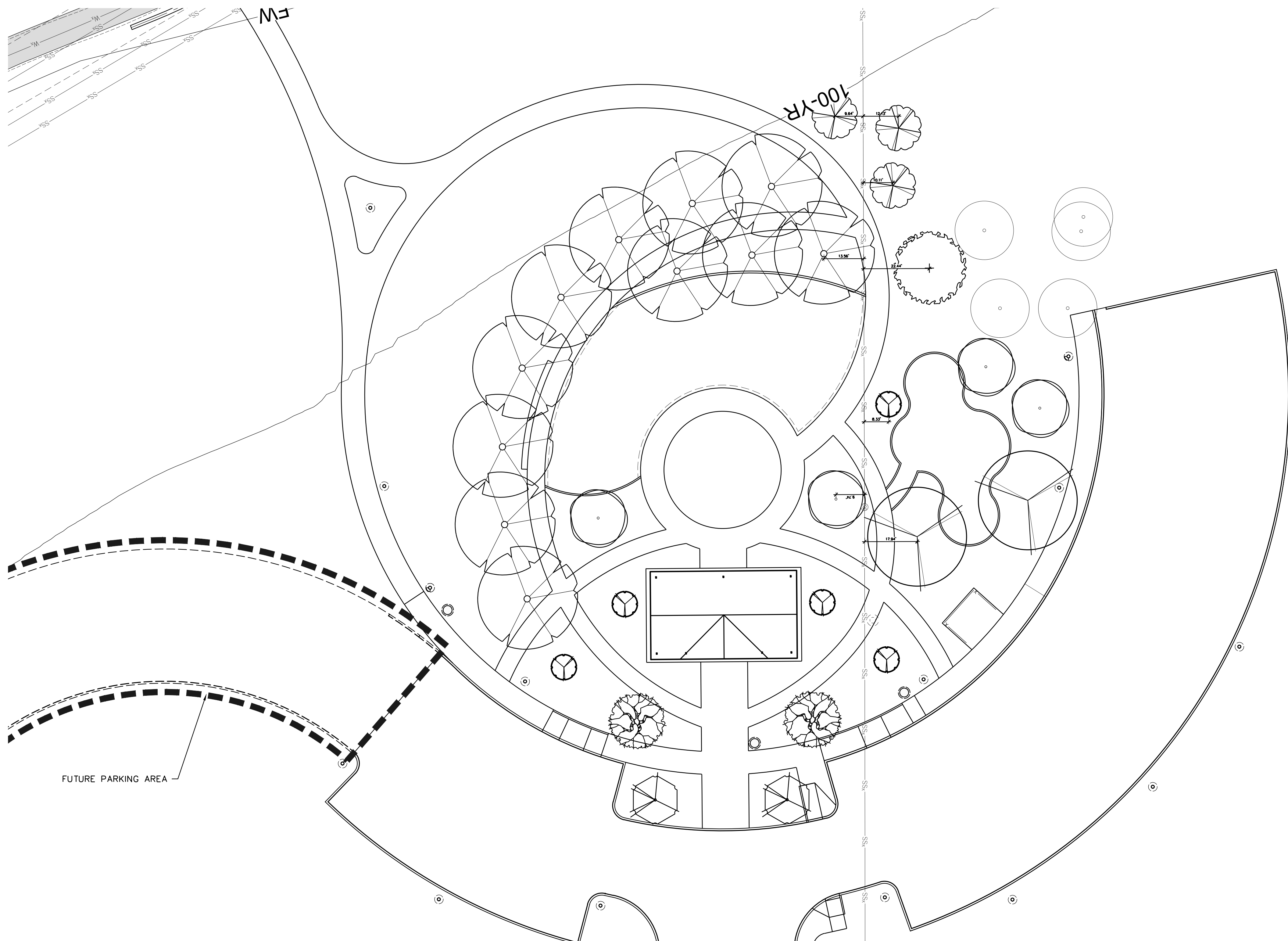
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VERTICAL: RECOMMENDED:

FILE: DRAWING: DATE 05/07/2024

ATLAS PAGE NO: XXXX SHEET 20 OF 37 SHEETS





PLANT AND MATERIAL SCHEDULE

QTY.	UNIT	DESCRIPTION	SIZE	REMARKS
5	EA.	Amelanchier laevis 'Cumulus' CUMULUS SERVICEBERRY	2" CAL.	B&B
1	EA.	Betula nigra 'BNMTF' DURA HEAT RIVER BIRCH	2.5" CAL.	B&B Multi trunk
3	EA.	Chilopsis linearis 'Bubba' BUBBA DESERT WILLOW	2" CAL.	B&B
2	EA.	Liriodendron tulipifera TULIP POPLAR TREE	2" CAL.	B&B
2	EA.	Magnolia X soulangeana SAUCER MAGNOLIA	2" CAL.	B&B
4	EA.	Malus x 'Indian Magic' INDIAN MAGIC CRABAPPLE	2" CAL.	B&B
11	EA.	Platanus x ocerifolia LONDON PLANETREE	2.5" CAL.	B&B
2	EA.	Toxodium distichum 'Mickelson' SHAWNEE BRAVE BALD CYPRESS	4" CAL.	B&B

LEGEND

	EXISTING TREE TO REMAIN IN PLACE
	CUMULUS SERVICEBERRY
	SAUCER MAGNOLIA
	BUBBA DESERT WILLOW
	INDIAN MAGIC CRABAPPLE
	SHAWNEE BRAVE BALD CYPRESS
	DURA HEAT RIVER BIRCH
	LONDON PLANETREE
	TULIP POPLAR TREE

OVERALL LANDSCAPE PLAN

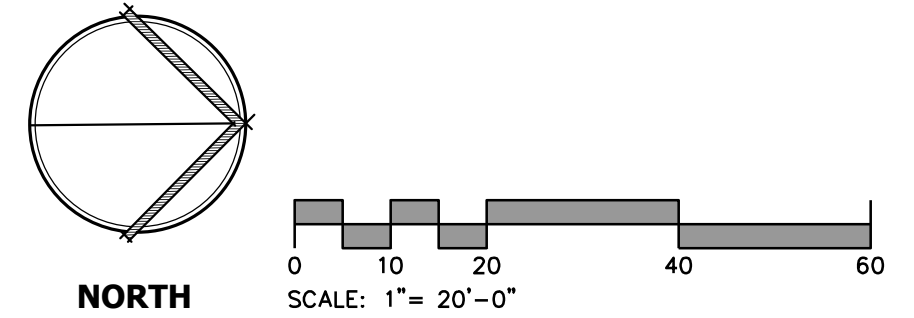
PROJECT:
**MID-AMERICA PARK
PHASE 1 IMPROVEMENTS**

OWNER/DEVELOPER:
CITY OF MIDWEST CITY
100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293

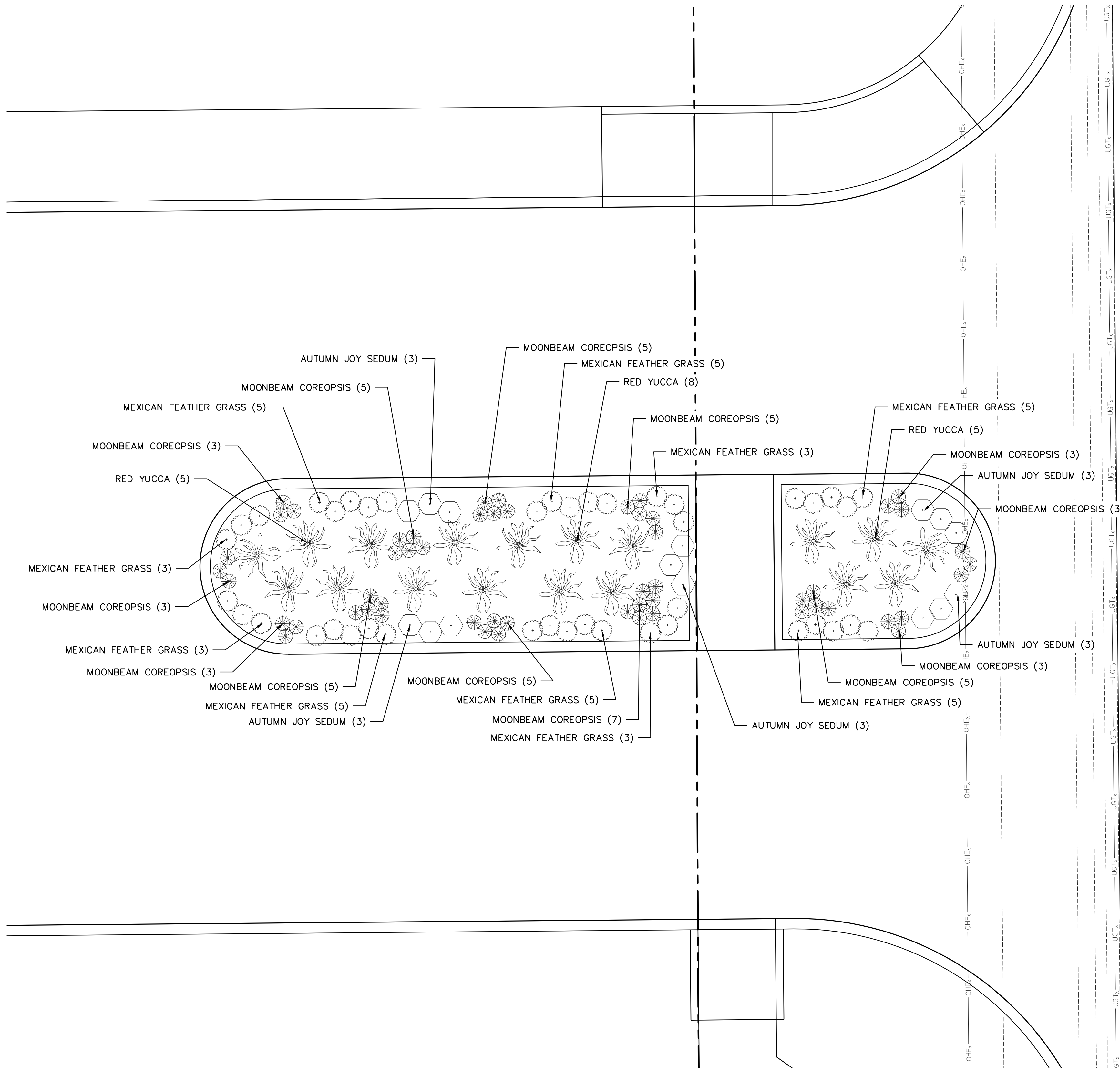
PLANS AND ESTIMATES PREPARED BY:
R. L. SHEARS COMPANY, P.C.
1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0812

REVISION	BY	DATE	PLAN SCALE:	DRAWN	AAW	05/24	APPROVED:
			1"=20'	DESIGNED	RLS	05/24	
				SURVEY			
			PROFILE SCALE:	FIELD MNGR.			
			HORIZONTAL:	SECT. MNGR.			
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			ATLAS PAGE NO: XXXX				SHEET 21 OF 37 SHEETS

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REFER TO PLANTING PLAN



QTY.	UNIT	DESCRIPTION	SPACING	SIZE	SYMBOL
18	EA.	Hesperaloe parviflora RED YUCCA	42" O.C.	2 GAL	
15	EA.	Sedum spectabile 'Autumn Joy' AUTUMN JOY SEDUM	18" O.C.	1 GAL	
55	EA.	Coreopsis verticillata 'Moonbeam' MOONBEAM COREOPSIS	10" O.C.	1 GAL	
42	EA.	Nassella tenuissima MEXICAN FEATHER GRASS	14" O.C.	1 GAL	

PLANTING PLAN

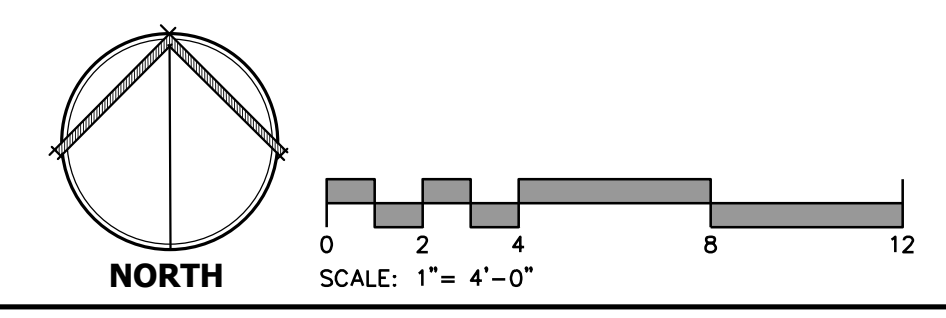
PROJECT:
**MID-AMERICA PARK
PHASE 1 IMPROVEMENTS**

OWNER/DEVELOPER:
CITY OF MIDWEST CITY
100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293

PLANS AND ESTIMATES PREPARED BY:
R. L. SHEARS COMPANY, P.C.
1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612

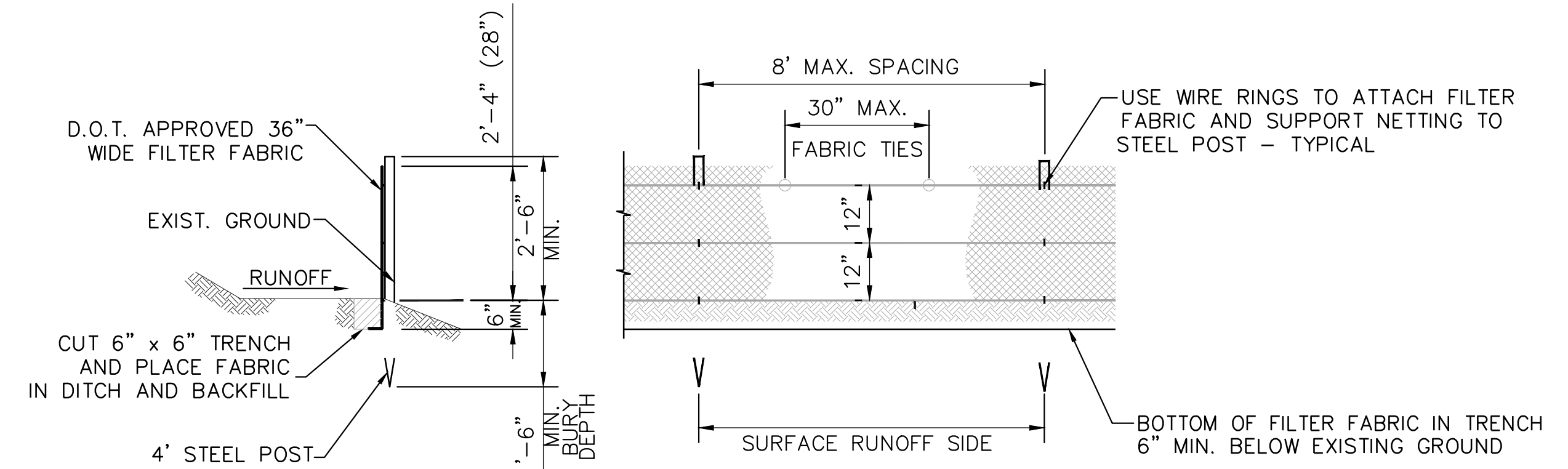
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EROSION CONTROL NOTES:

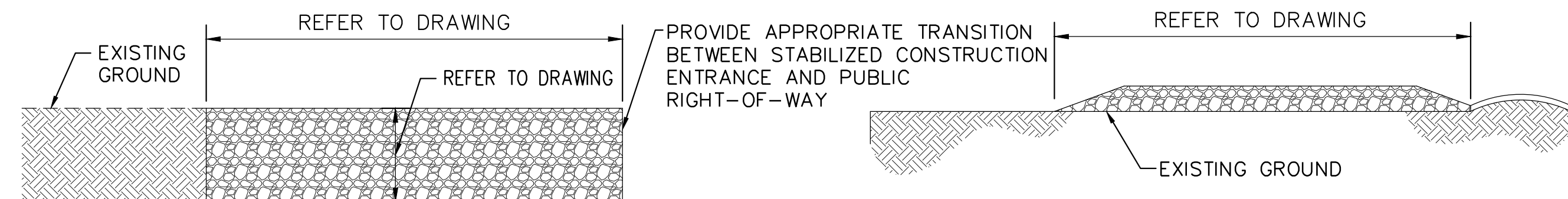
1. SILT FENCE SHALL BE MAINTAINED AND SEDIMENT BUILD-UP REGULARLY REMOVED UNTIL PAVING OPERATIONS ARE COMPLETE AND/OR SEEDING IS IN PLACE OR 75% VEGETATION STABILIZATION IS OBTAINED.
2. ALL DISTURBED AREAS SHALL BE RE-VEGETATED.
3. ALL FLOW LINES THAT ARE TO BE FILLED SHALL BE THOROUGHLY COMPACTED TO 95% STANDARD PROCTOR DENSITY BEFORE CONSTRUCTION OR EXTENSION OF DRAINAGE STRUCTURES.
4. IN ORDER TO ALLEVIATE DUST CONDITIONS WITHIN THE CITY LIMITS DURING GRADING OPERATIONS, AND AFTER GRADING OPERATIONS ARE COMPLETED, BUT BEFORE PAVEMENT AND/OR PERMANENT EROSION CONTROL WORK IS STARTED, THE CONTRACTOR SHALL SPRINKLE GRADING AT INTERVALS APPROVED BY THE CITY.
5. CONTRACTOR SHALL PROVIDE INLET EROSION CONTROL PROTECTION IN ACCORDANCE WITH DETAILS AS SHOWN ON THIS SHEET.
6. STABILIZED CONSTRUCTION SHALL BE CONSTRUCTED AND MAINTAINED DURING THE COURSE OF CONSTRUCTION IN ACCORDANCE WITH CITY STANDARDS.
7. ALL SILT FENCING SHALL BE INSTALLED ON THE DOWNSTREAM SIDE OF DISTURBED EARTH.



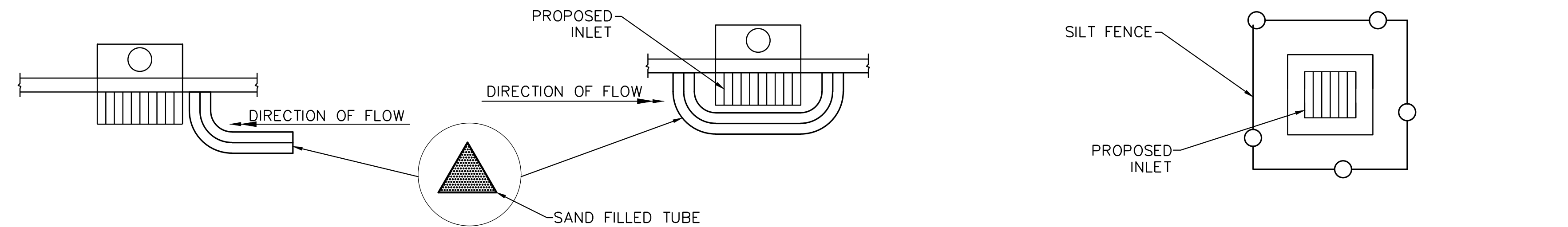
SILT FENCE DETAIL
SCALE: N.T.S.

STABILIZED CONSTRUCTION ENTRANCE NOTES:

1. CONTRACTOR SHALL REMOVE THE TOP 5" OF TOP SOIL, THEN SCARIFY THE TOP 8" OF SUBGRADE AND RE-COMPACT TO 90% STANDARD PROCTOR DENSITY IN ACCORDANCE WITH ODOT SPECIFICATIONS.
2. CONTRACTOR SHALL DAMPEN ACCESS WAY, AS REQUIRED, TO CONTROL DUST. NO SEPARATE PAYMENT SHALL BE MADE. ALL COSTS ASSOCIATED WITH ACCESS WAY SHALL BE INCLUDED IN THE UNIT PRICE BID.
3. STONE SIZE AASHTO DESIGNATION M43, SIZE NO. 2 (2-1/2" TO 1-1/2"). USE CRUSHED STONE.
4. LENGTH-AS EFFECTIVE, BUT NOT LESS THAN 50 FEET.
5. THICKNESS-NOT LESS THAN EIGHT (8) INCHES.
6. WIDTH-NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.
7. WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS EMPLOYED IN ORDER TO CLEAN WHEELS AS REQUIRED BY PLANS, IT IS REQUIRED. IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STREET, STORM DRAIN, DITCH, OR WATERCOURSE THROUGH USE OF SAND BAGS, GRAVEL, BOARDS OR OTHER APPROVED METHODS.
8. 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 CLEANOUT OF ANY MEASURES USED TO CONTROL SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY BY THE OWNER.
9. NO SEPARATE PAYMENT WILL BE MADE FOR MAINTENANCE. ALL MAINTENANCE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE CONSTRUCTION ENTRANCE.
10. CONSTRUCTION ROAD TO BE CONSTRUCTED WITH THE SAME MATERIAL AS THE STABILIZED CONSTRUCTION ENTRANCE.



STABILIZED CONSTRUCTION ENTRANCE
SCALE: N.T.S.



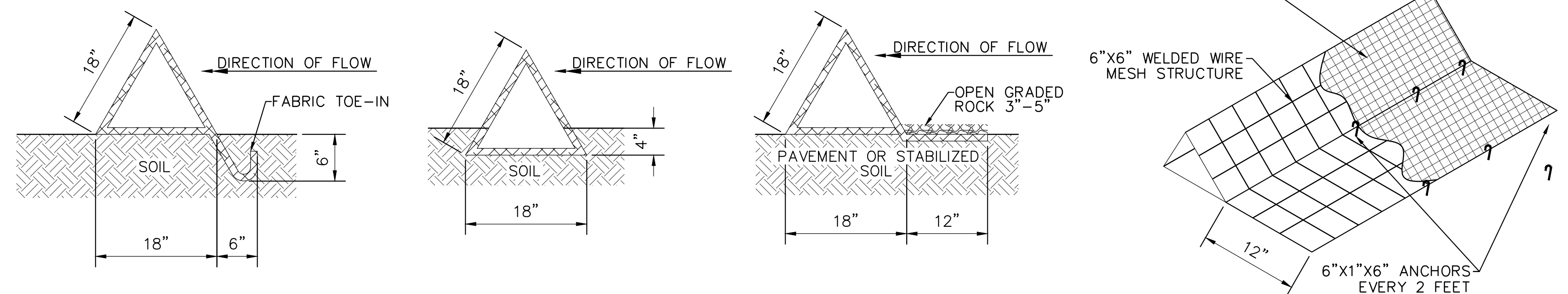
SAND INLET PROTECTION DETAIL
SCALE: N.T.S.

CURB INLET PROTECTION DETAIL
SCALE: N.T.S.

AREA INLET PROTECTION DETAIL
SCALE: N.T.S.

TRIANGULAR SEDIMENT FILTER DIKE NOTES:

1. DIKES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING.
2. FABRIC COVER AND SKIRT SHALL BE A CONTINUOUS WRAPPING OF GEOTEXTILE. THE SKIRT SHALL BE A CONTINUOUS EXTENSION OF THE UPSTREAM FACE FABRIC.
3. DIKES AND SKIRT SHALL BE SECURELY ANCHORED IN PLACE WITH WIRE STAPLES AT 2' INTERVALS ON BOTH EDGES AND SKIRT OR WITH 3/8" DIAMETER REBAR WITH TEE ENDS.
4. FILTER MATERIAL SHALL BE LAPPED OVER ENDS 6" TO COVER DIKE-TO-DIKE JOINTS. JOINTS SHALL BE FASTENED WITH GALVANIZED SHOAT RINGS.
5. INSPECTION SHALL BE MADE WEEKLY OR AFTER EACH RAINFALL EVENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS REQUIRED.
6. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 1/3 OF THE HEIGHT AND DISPOSED OF IN A MANNER WHICH WILL NOT CAUSE ADDITIONAL SILTATION.
7. AFTER THE DEVELOPMENT SITE IS COMPLETELY STABILIZED, THE DIKES AND ANY REMAINING SILT SHALL BE REMOVED. SILT SHALL BE DISPOSED OF AS INDICATED IN NOTE 6 ABOVE.



ALT. BEDDING DETAIL 1

ALT. BEDDING DETAIL 2

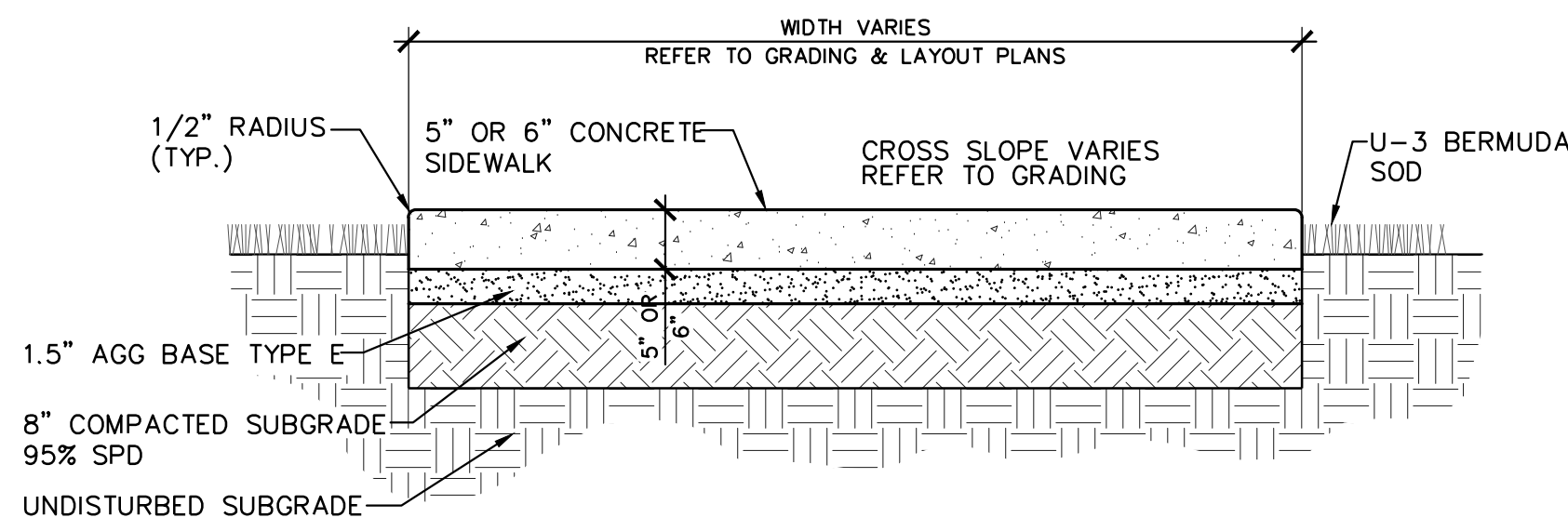
INSTALLATION IN PAVED AREAS

TRIANGULAR SEDIMENT FILTER DIKE
SCALE: N.T.S.

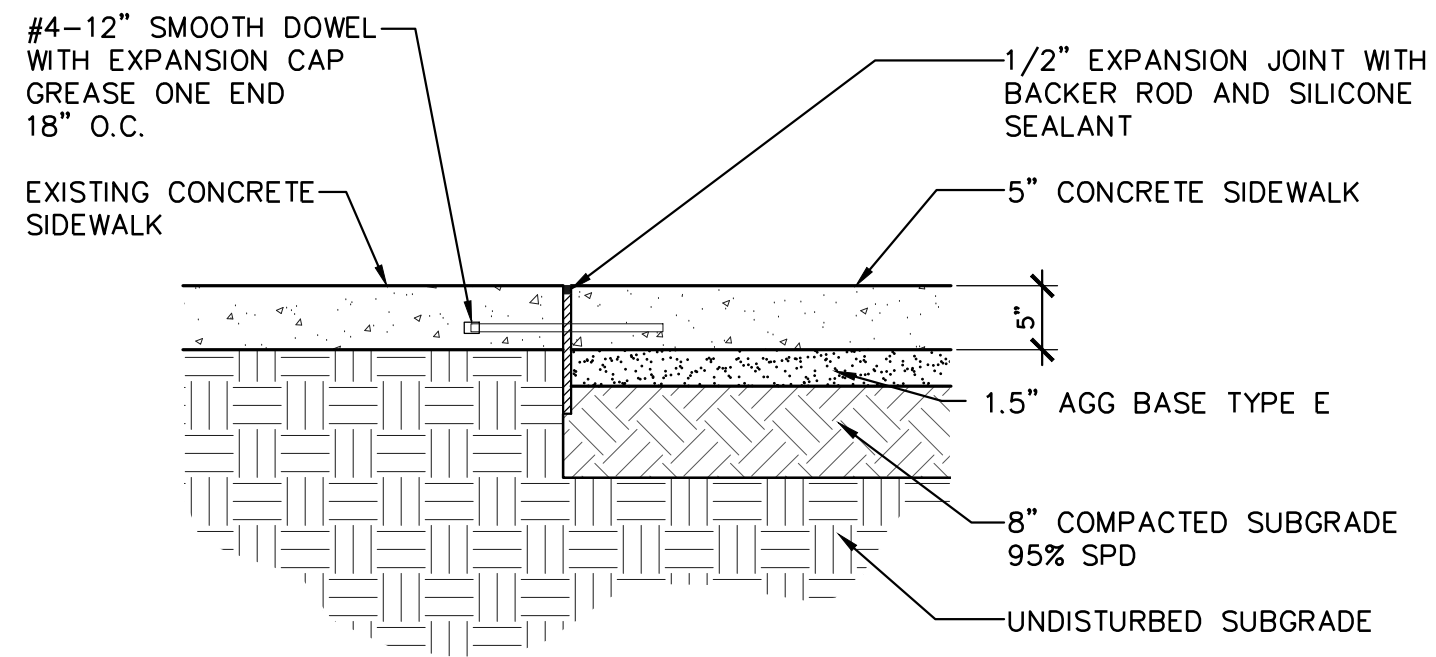
CONSTRUCTION DETAILS (1)

PROJECT: MID-AMERICA PARK PHASE 1 IMPROVEMENTS			
OWNER/DEVELOPER: CITY OF MIDWEST CITY 100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293			
PLANS AND ESTIMATES PREPARED BY: R. L. SHEARS COMPANY, P.C. 1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612			
PLAN SCALE:	DRAWN	AAW	05/24
	DESIGNED	RLS	05/24
	SURVEY		
PROFILE SCALE:	FIELD MNGR.		
HORIZONTAL:	SECT. MNGR.		
	PROJ. MNGR.		
	RECOMMENDED:		
	DEPUTY DIRECTOR		
FILE:	DRAWING:		DATE 05/07/24
			SHEET 23 OF 37 SHEETS

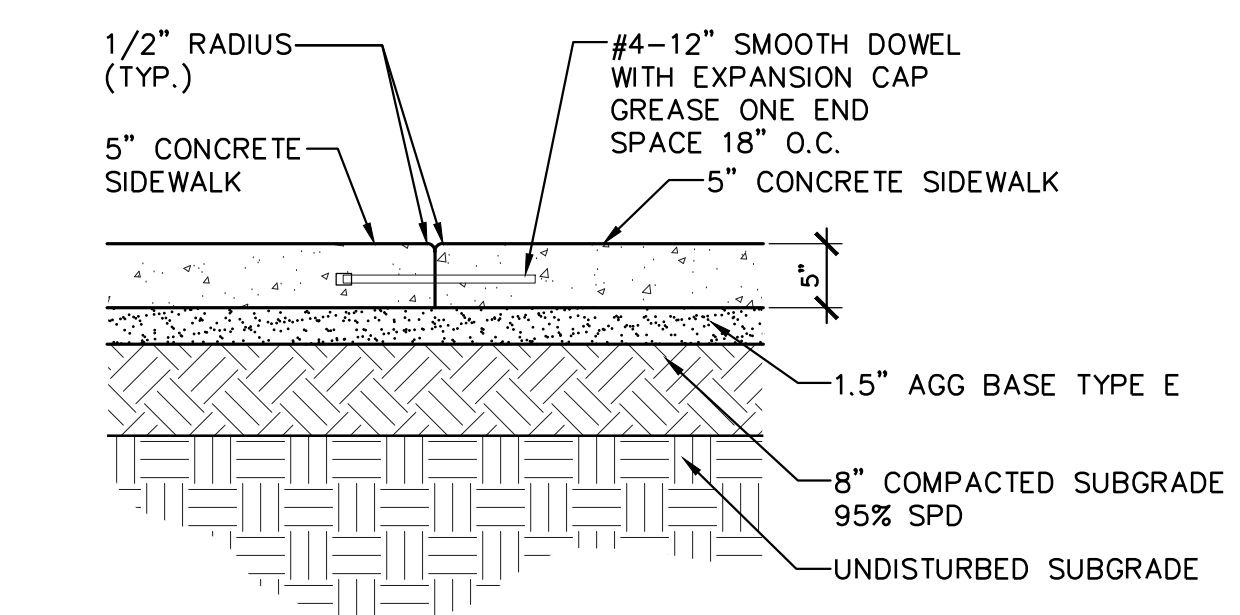
NOTE:
1. PROVIDE LIGHT BROOM FINISH PERPENDICULAR TO THE DIRECTION OF PEDESTRIAN TRAVEL.



A SECTION: CONCRETE SIDEWALK
NOT TO SCALE

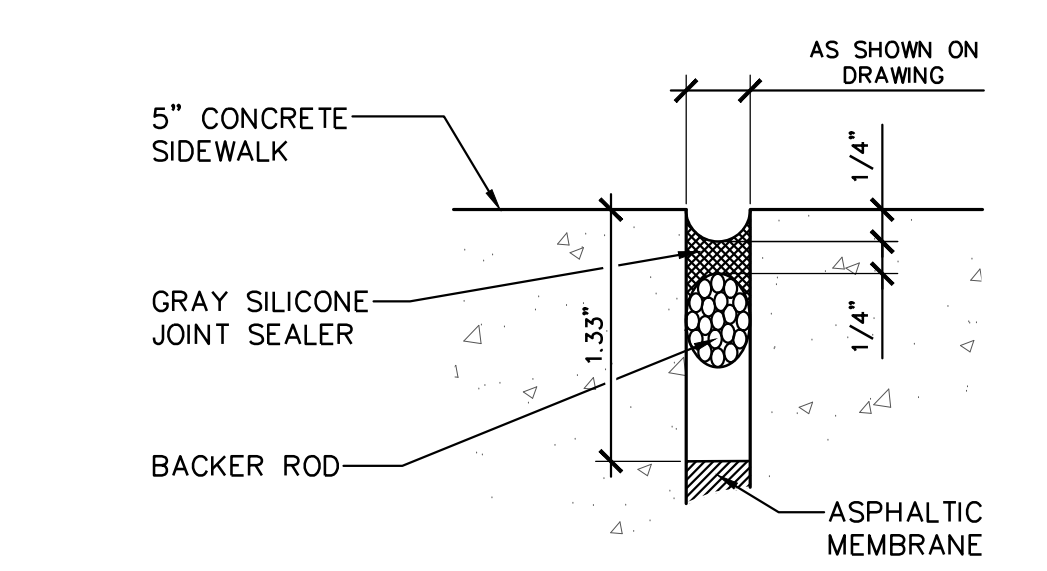


B SECTION: 5" CONCRETE SIDEWALK DOWELED INTO EXISTING CONCRETE SIDEWALK
NOT TO SCALE

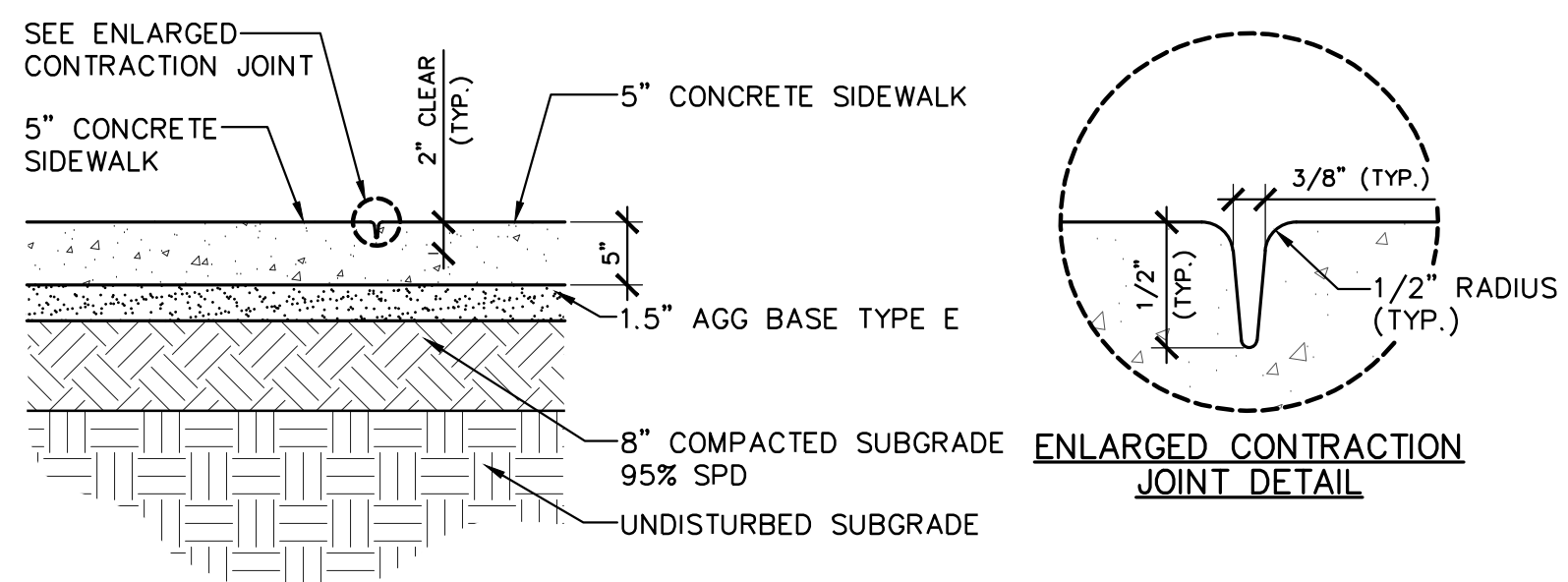


C SECTION: CONSTRUCTION JOINT
NOT TO SCALE

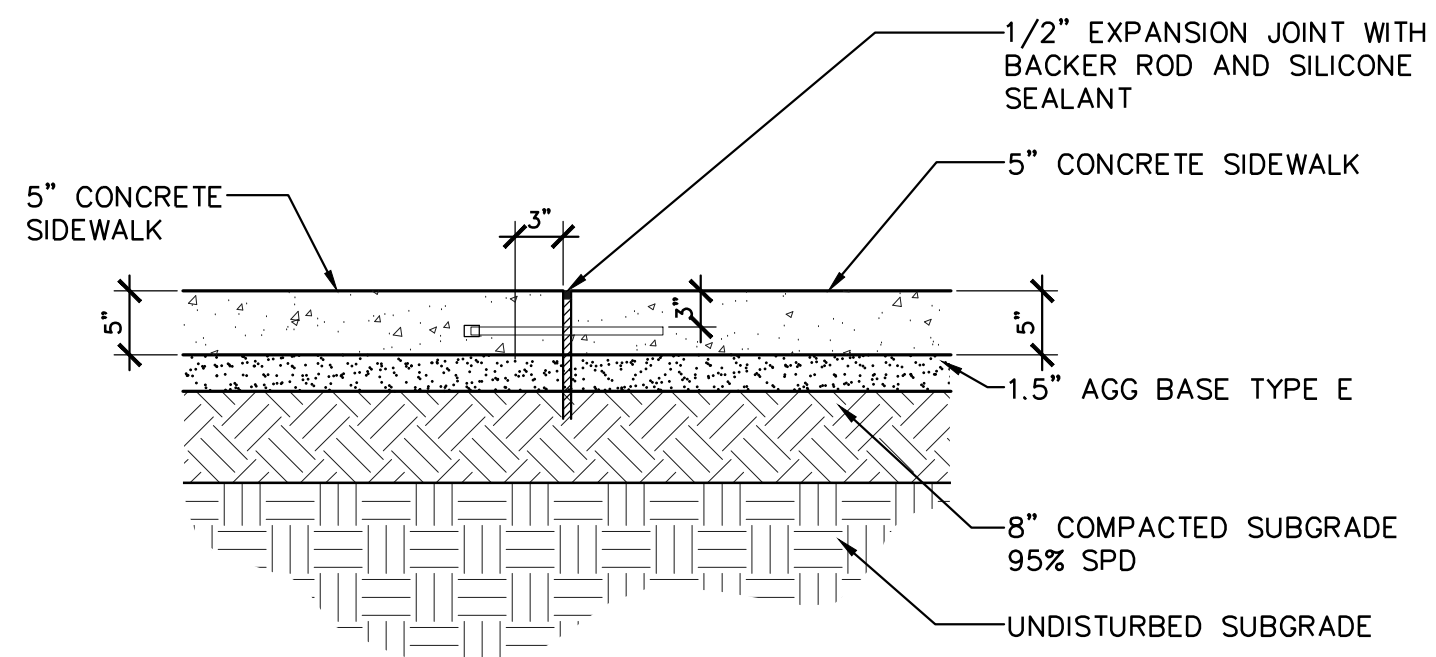
NOTE:
1. SILICONE JOINT SEALER SHALL BE SELF LEVELING.



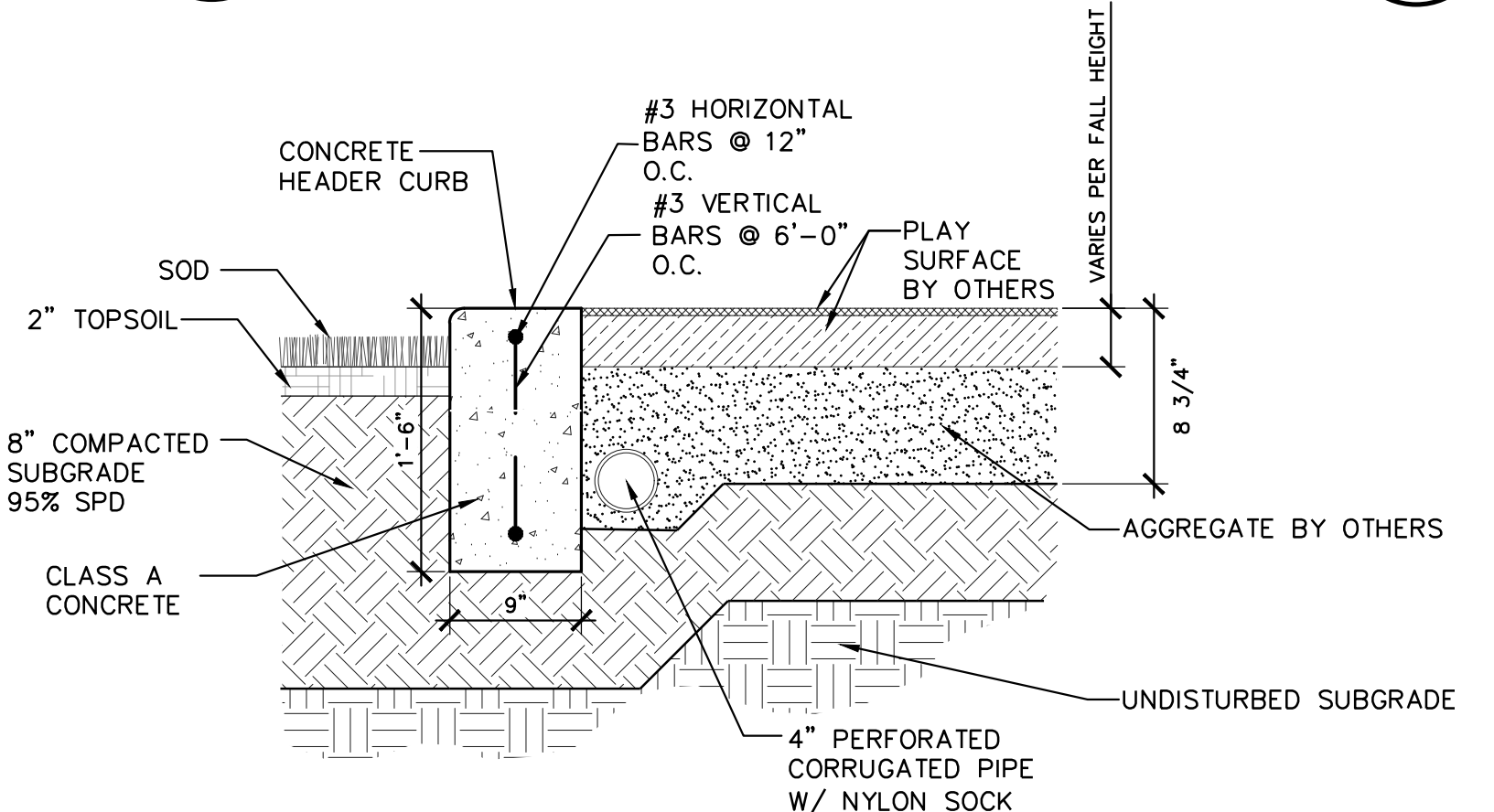
D SECTION: EXPANSION JOINT SEALANT
NOT TO SCALE



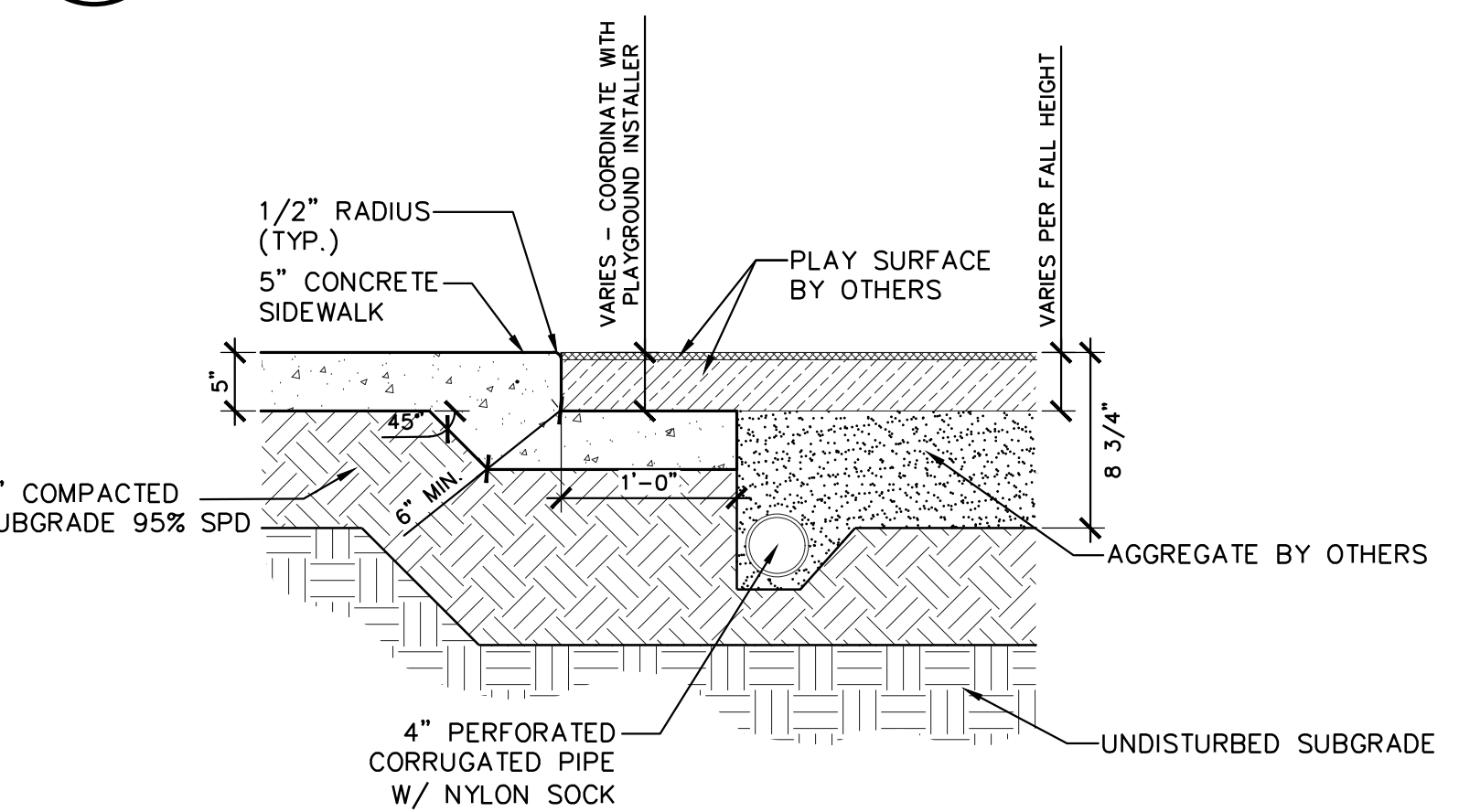
E SECTION: TOOLED CONTRACTION JOINT
NOT TO SCALE



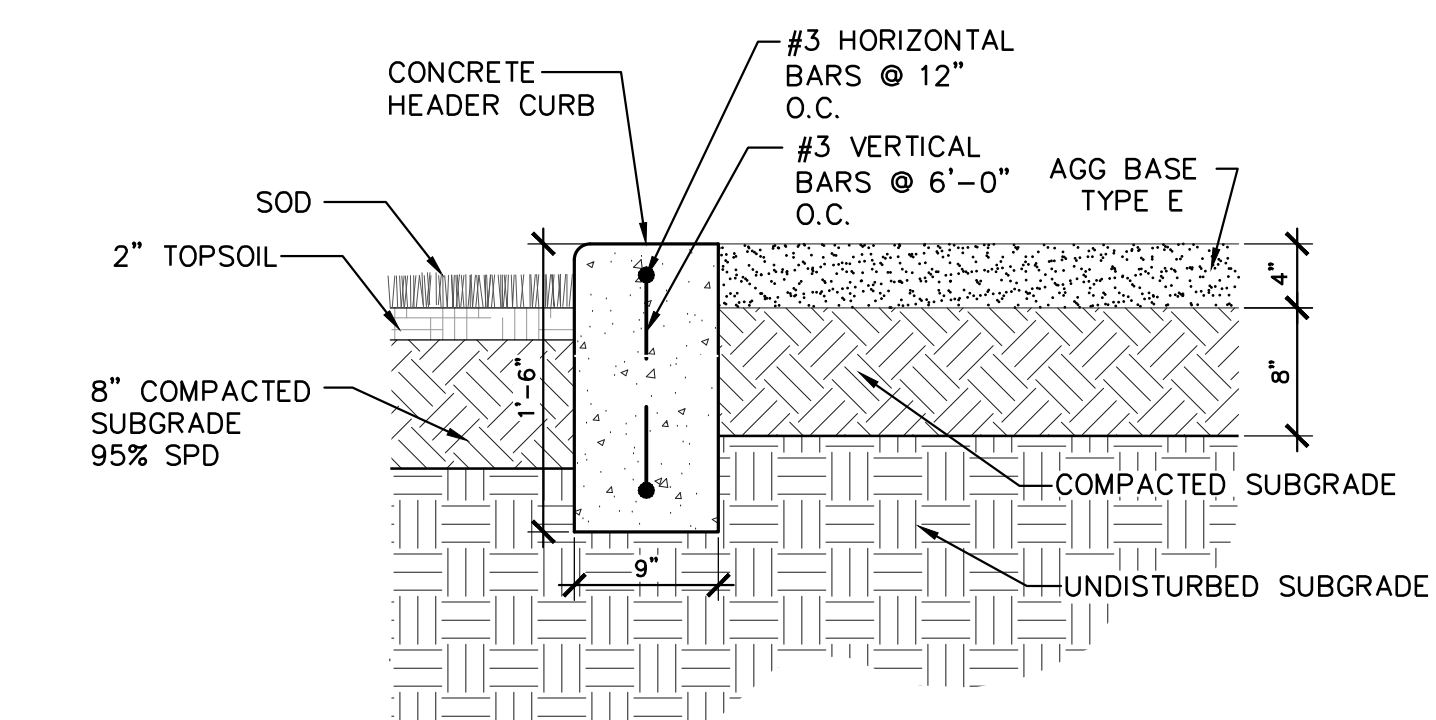
F SECTION: EXPANSION JOINT-SIDEWALK
NOT TO SCALE



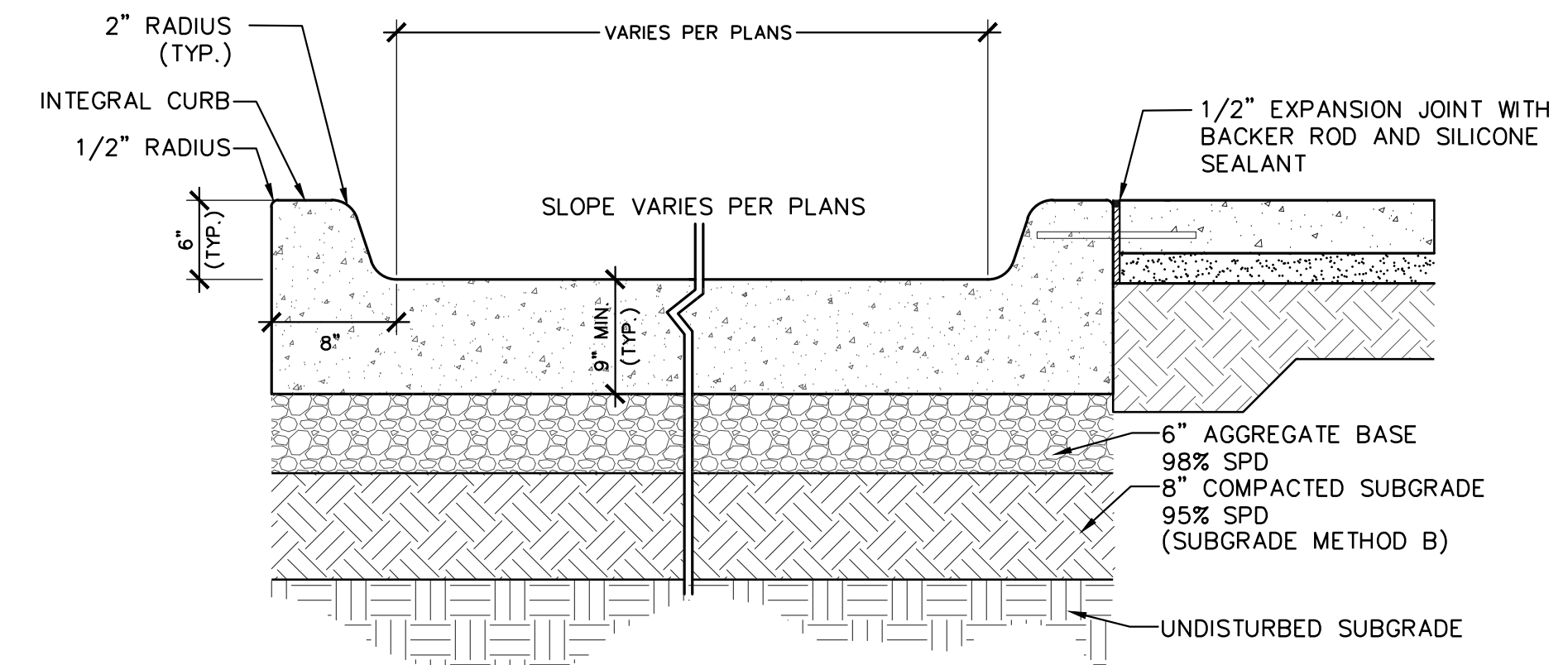
G SECTION: CONCRETE CURB AT PLAY SURFACE
NOT TO SCALE



H SECTION: SIDEWALK EDGE AT PLAY SURFACE
NOT TO SCALE



I SECTION: DISC GOLF PRACTICE AREA - CONCRETE CURB
NOT TO SCALE

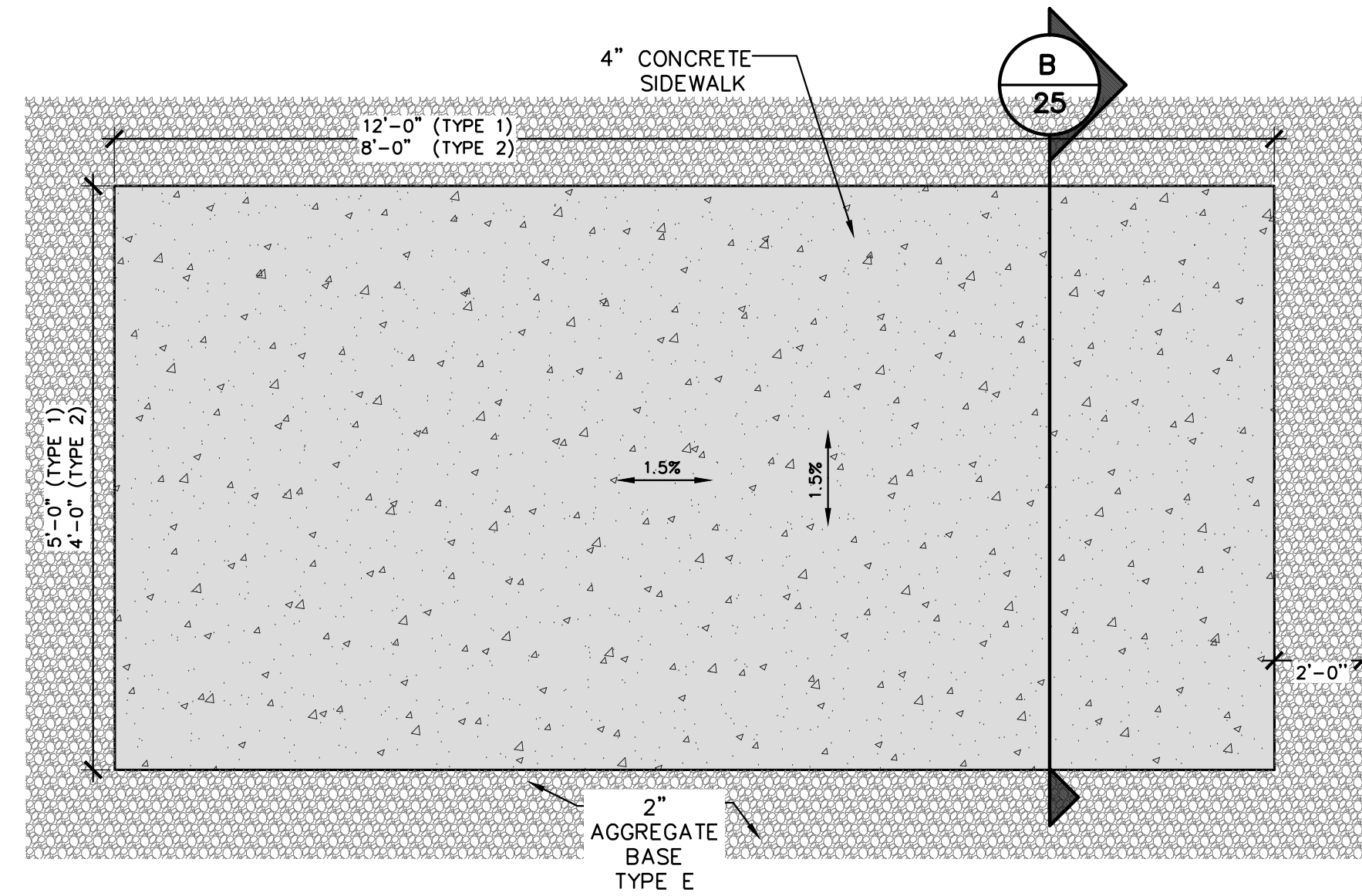


J SECTION: DOWEL JOINTED P.C. CONCRETE PAVEMENT
NOT TO SCALE

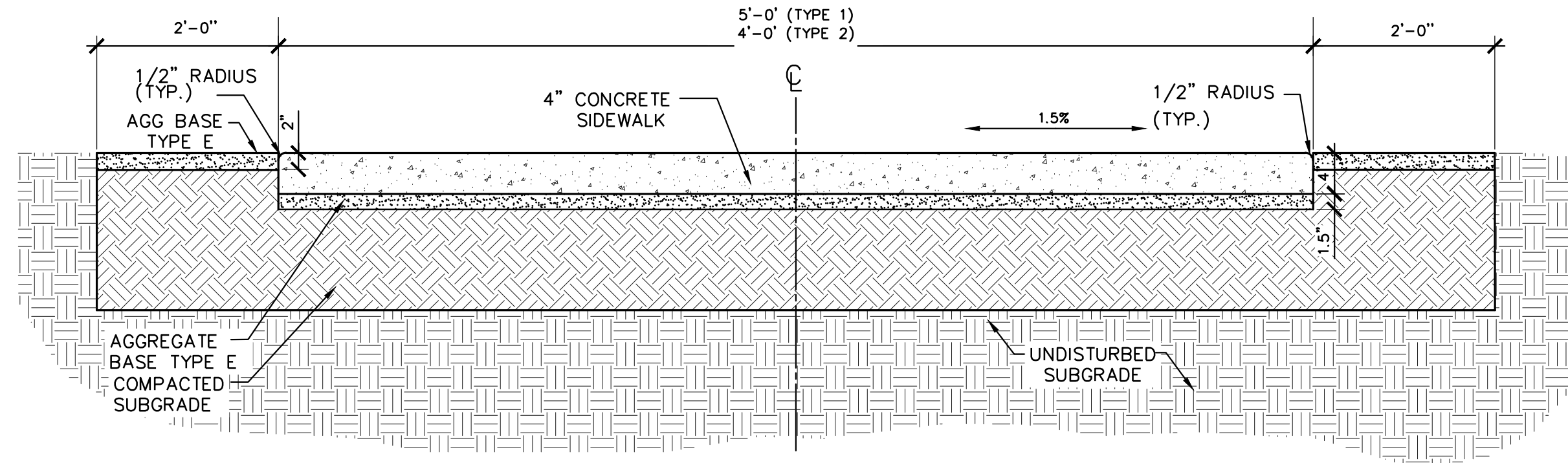
Z:\RLS-Projects\216-Mid-America Park\dwg\216-details.dwg, 6/06/2024, 9:34 AM

CONSTRUCTION DETAILS (2)			
PROJECT: MID-AMERICA PARK PHASE 1 IMPROVEMENTS			
OWNER/DEVELOPER: CITY OF MIDWEST CITY 100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293			
PLANS AND ESTIMATES PREPARED BY: R. L. SHEARS COMPANY, P.C. 1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612			
PLAN SCALE:	DRAWN	AAW	05/24
	DESIGNED	RLS	05/24
	SURVEY		
PROFILE SCALE:	FIELD MNGR.		
HORIZONTAL:	SECT. MNGR.		
	PROJ. MNGR.		
VERTICAL:	RECOMMENDED:		
	DEPUTY DIRECTOR		
FILE:	DRAWING:		DATE 05/07/24
			SHEET 24 OF 37 SHEETS

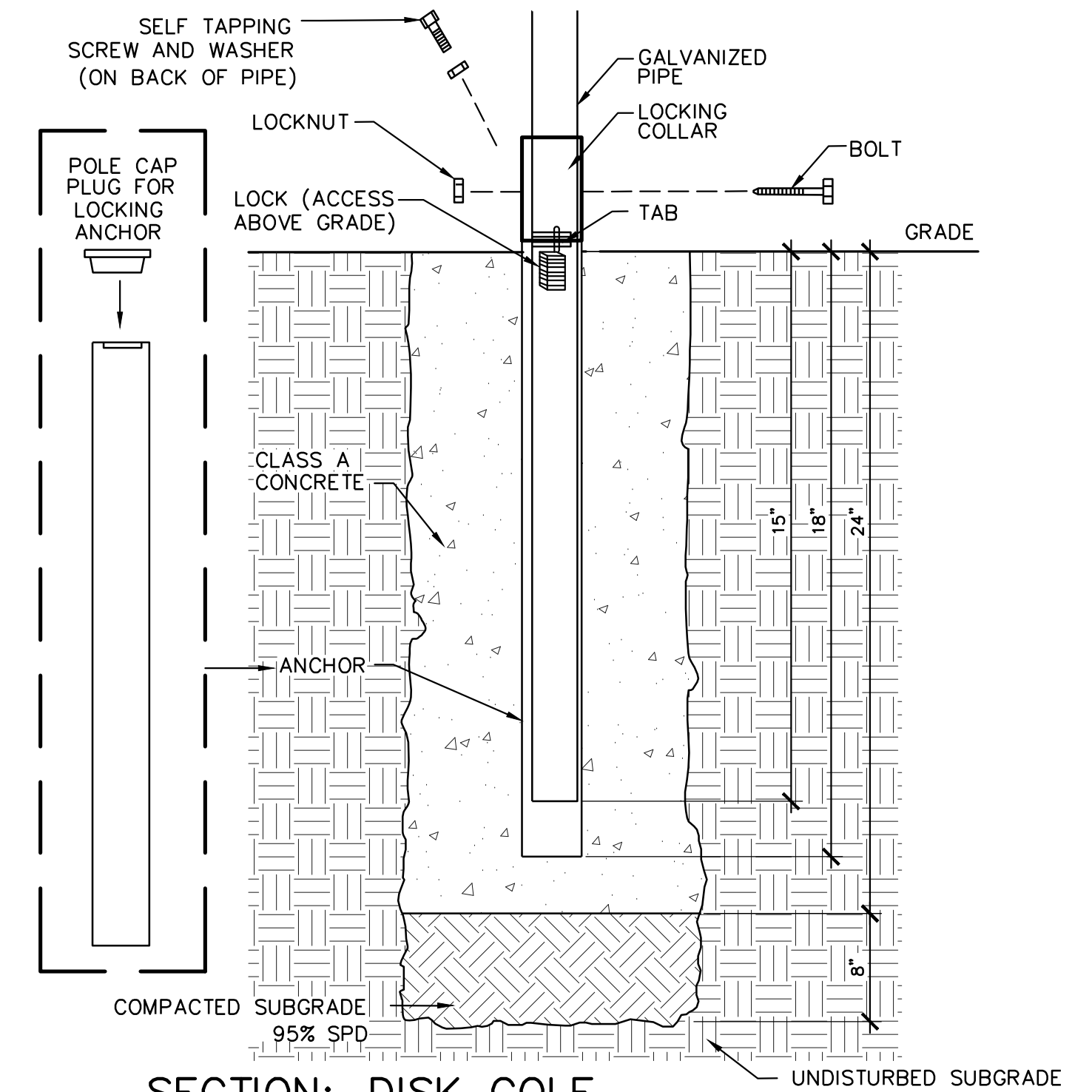
- NOTE:**
 1. PROVIDE MEDIUM BROOM FINISH PERPENDICULAR TO THE DIRECTION OF PEDESTRIAN TRAVEL
 2. TEES A-D ARE TYPE 2, TEES 1-18 ARE TYPE 1.



A PLAN: DISC GOLF TEE - TYPE 1 & 2 (ADD ALTERNATE)
 NOT TO SCALE

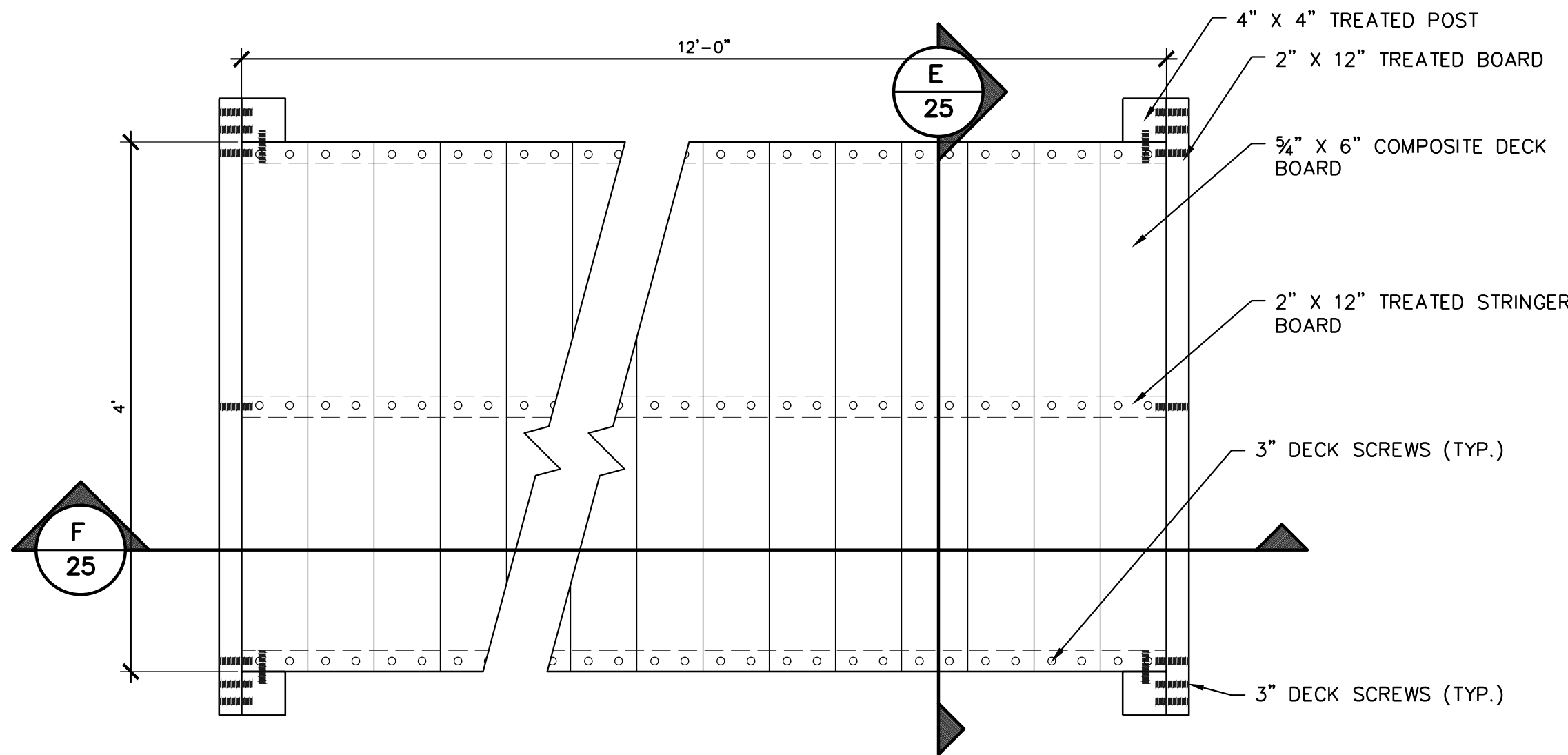


B SECTION: DISC GOLF TEE - TYPE 1 & 2 (ADD ALTERNATE)
 NOT TO SCALE

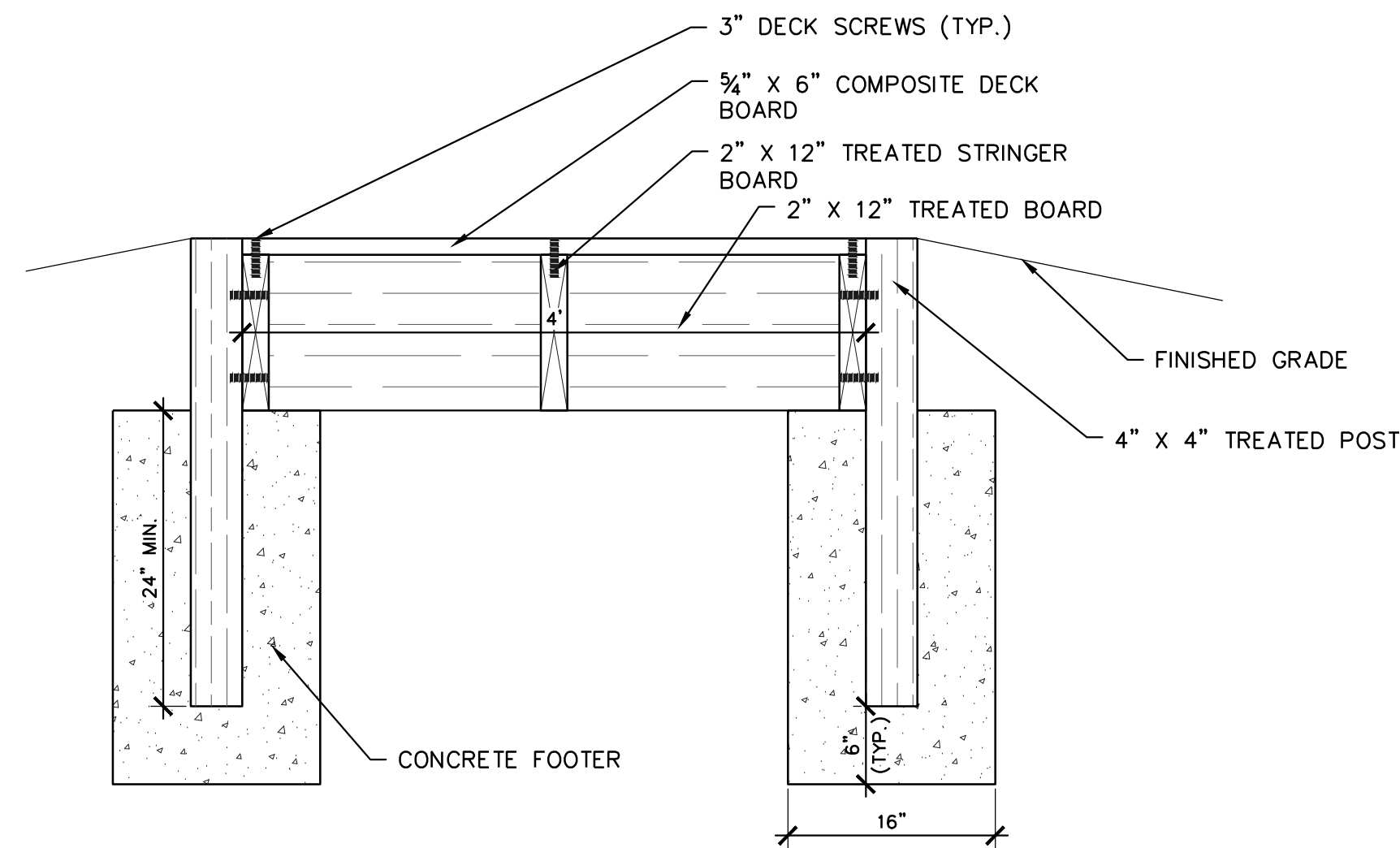


C SECTION: DISK GOLF BASKET FOOTING (BASE BID & ADD ALT.)
 NOT TO SCALE

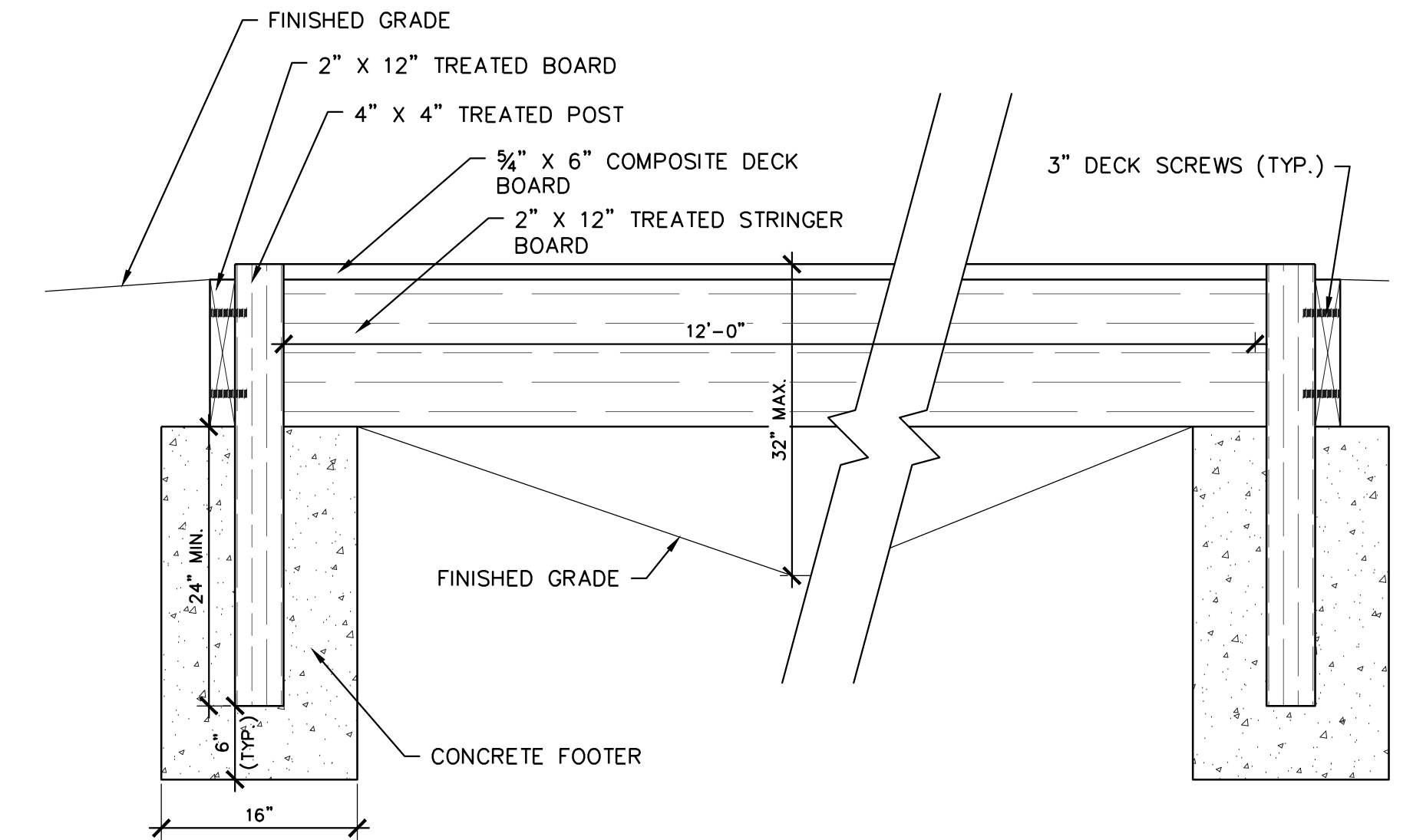
- NOTES:**
 ALL HARDWARE SHALL BE STAINLESS STEEL OR GALVANIZED.



D PLAN: DISC GOLF FOOTBRIDGE (ADD ALTERNATE)
 NOT TO SCALE



E SECTION: DISC GOLF FOOTBRIDGE
 NOT TO SCALE



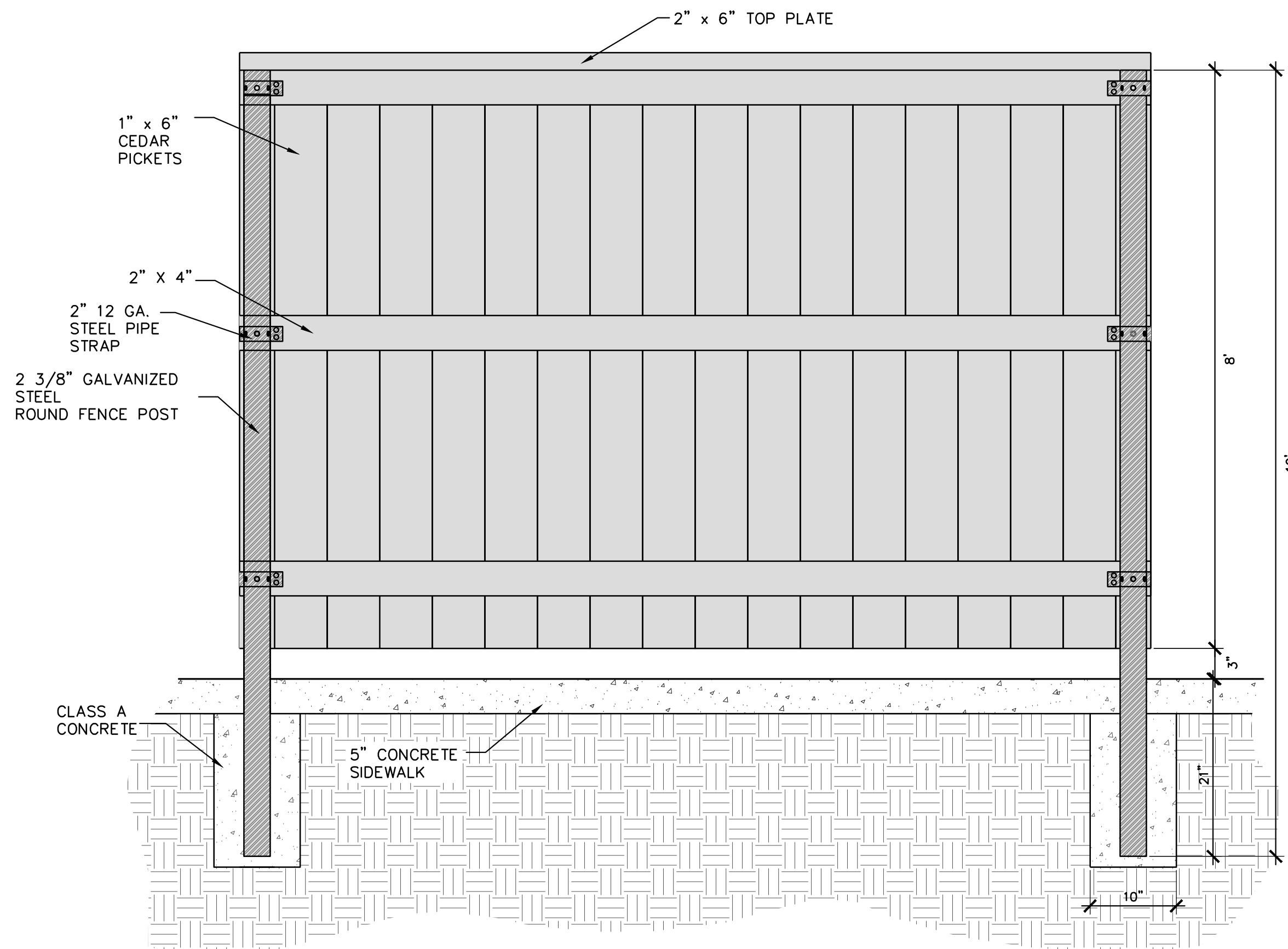
F SECTION: DISC GOLF FOOTBRIDGE
 NOT TO SCALE

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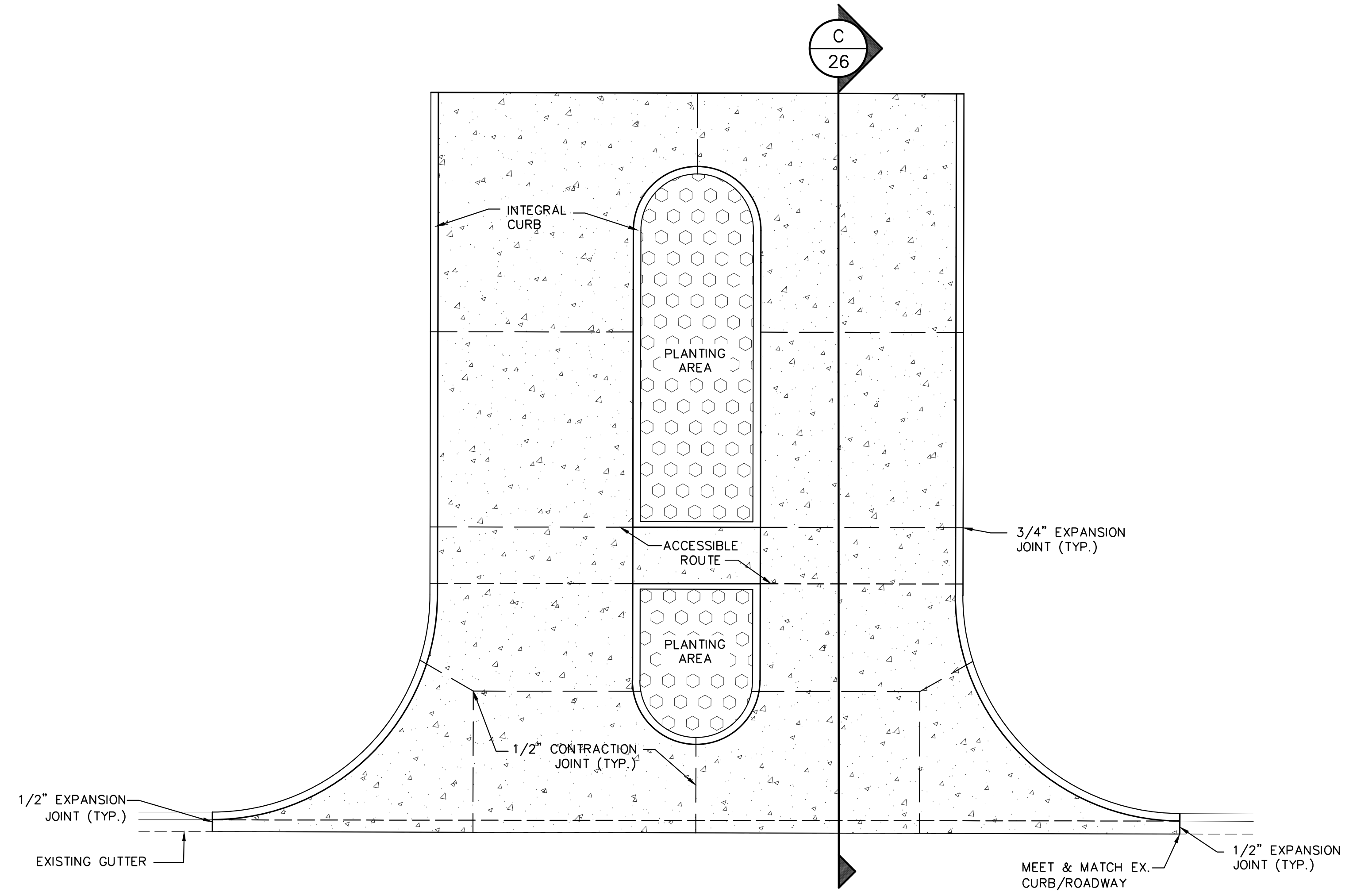
CONSTRUCTION DETAILS (3)

PROJECT: MID-AMERICA PARK PHASE 1 IMPROVEMENTS			
OWNER/DEVELOPER: CITY OF MIDWEST CITY 100 N. MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293			
PLANS AND ESTIMATES PREPARED BY: R. L. SHEARS COMPANY, P.C. 1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612			
PLAN SCALE:	DRAWN	AAW	05/24
	DESIGNED	RLS	05/24
	SURVEY		
PROFILE SCALE:	FIELD MNGR.		
HORIZONTAL:	SECT. MNGR.		
	PROJ. MNGR.		
	RECOMMENDED:		
VERTICAL:	DEPUTY DIRECTOR		
FILE:	DRAWING:		DATE 05/07/24
			SHEET 25 OF 37 SHEETS

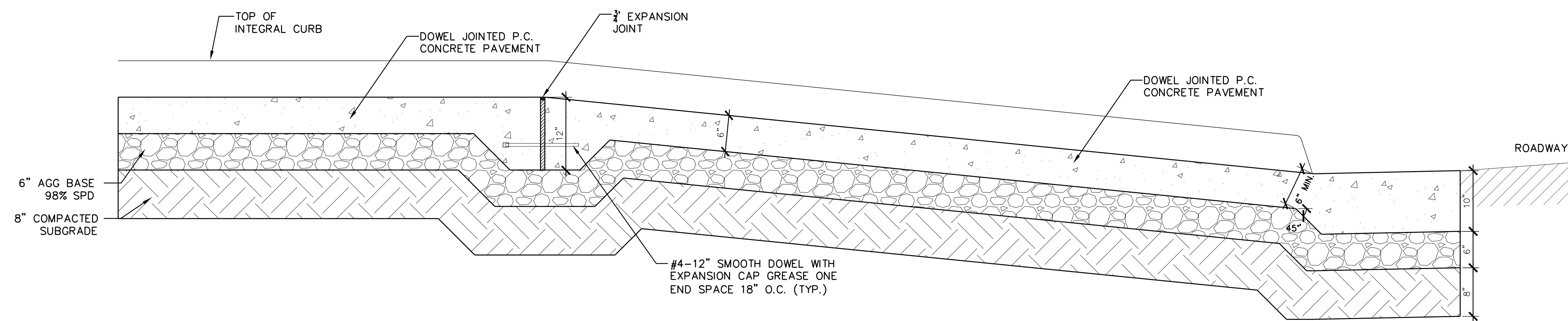
NOTE:
 1. HORIZONTAL STRUCTURAL MEMBERS SHALL BE TREATED LUMBER.
 2. DRAWING VIEW IS FROM INSIDE PORTA-POTTY CORRAL.



A ELEVATION – 8' WOODEN FENCE
 NOT TO SCALE



B PLAN: CONCRETE DRIVEWAY WITH INTEGRAL CURB
 NOT TO SCALE

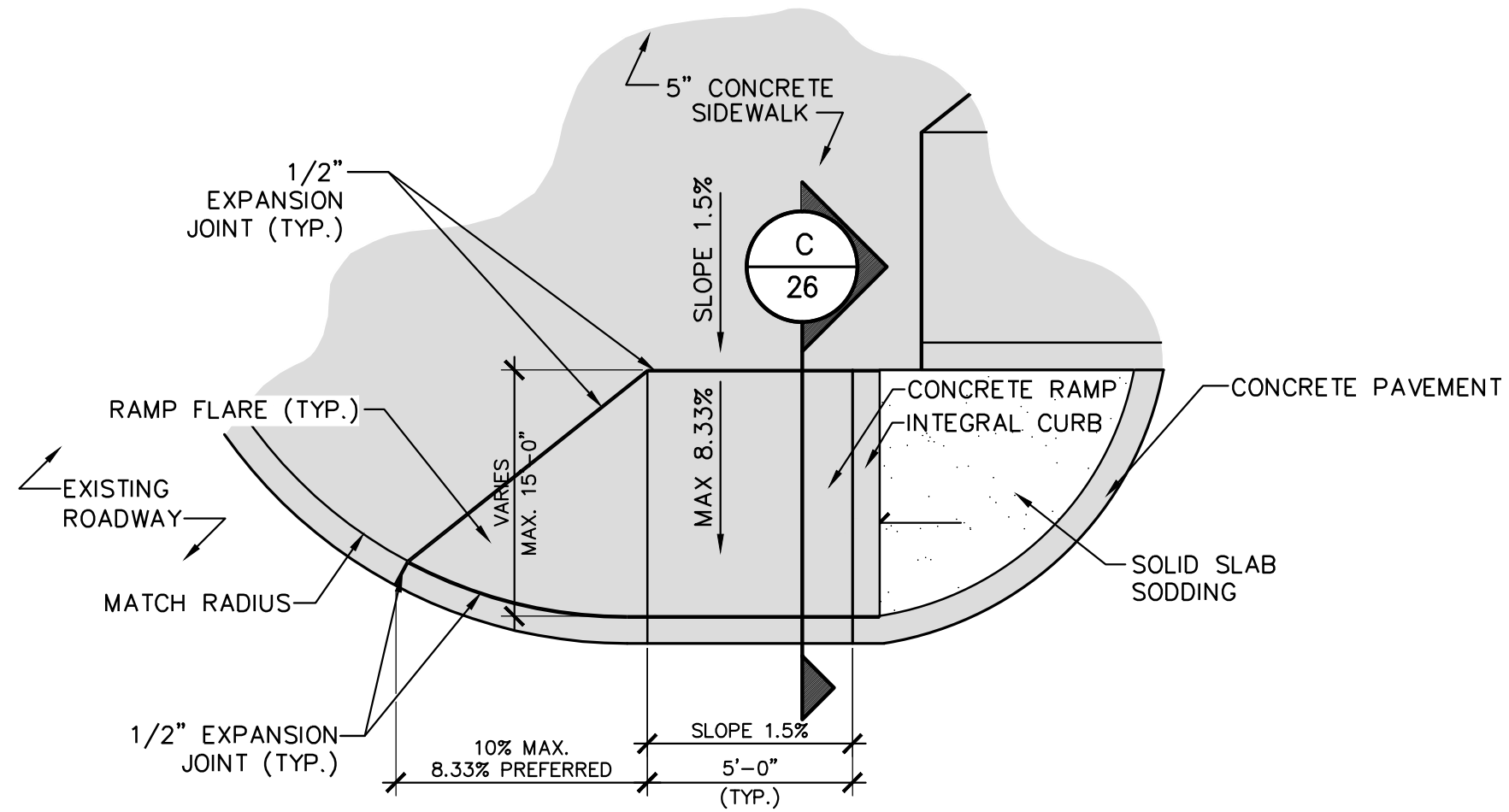


C SECTION: DOWEL JOINTED P.C. CONCRETE PAVEMENT
 NOT TO SCALE

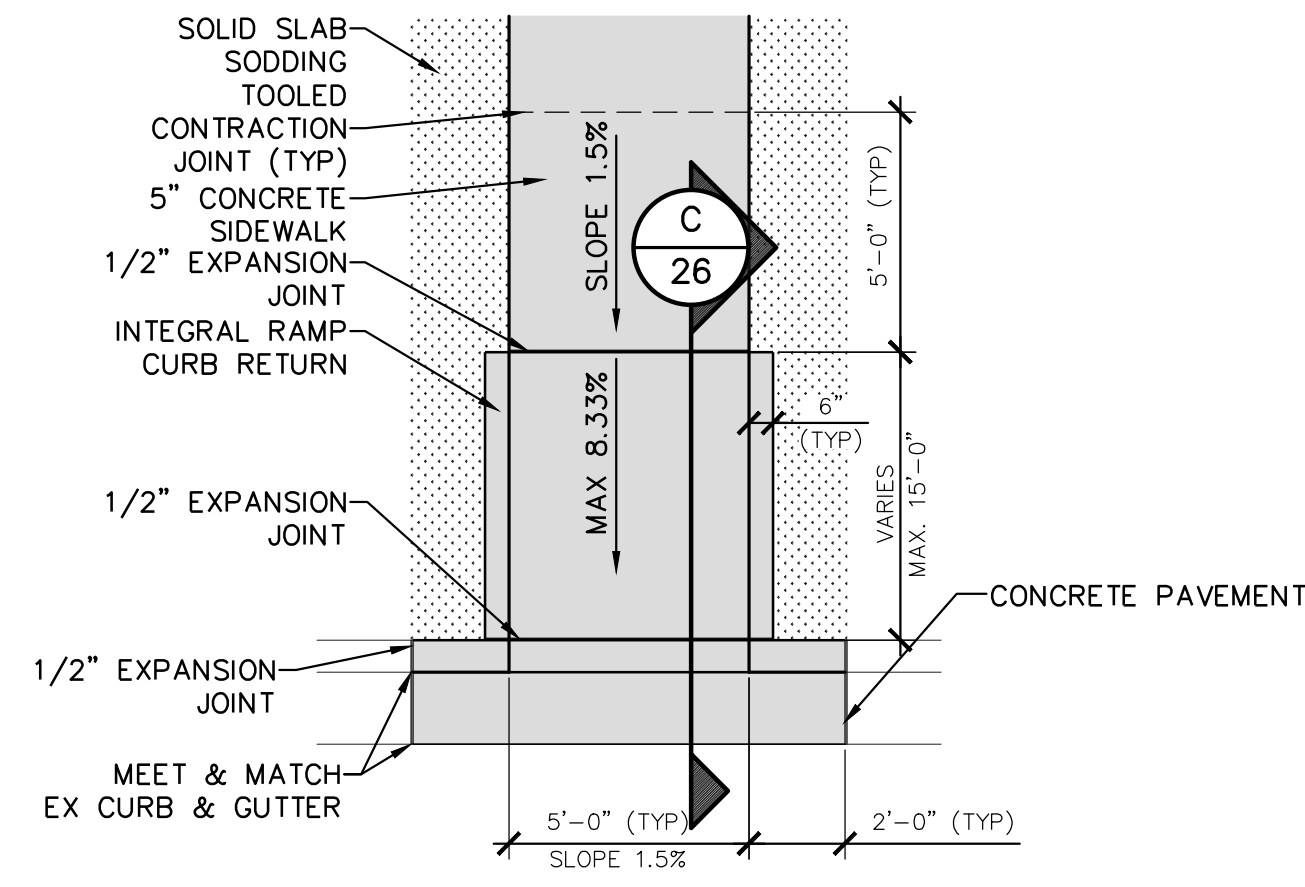
CONSTRUCTION DETAILS (4)

PROJECT:
MID-AMERICA PARK
 PHASE 1 IMPROVEMENTS
 OWNER/DEVELOPER:
CITY OF MIDWEST CITY
 100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293
 PLANS AND ESTIMATES PREPARED BY:
R. L. SHEARS COMPANY, P.C.
 1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612

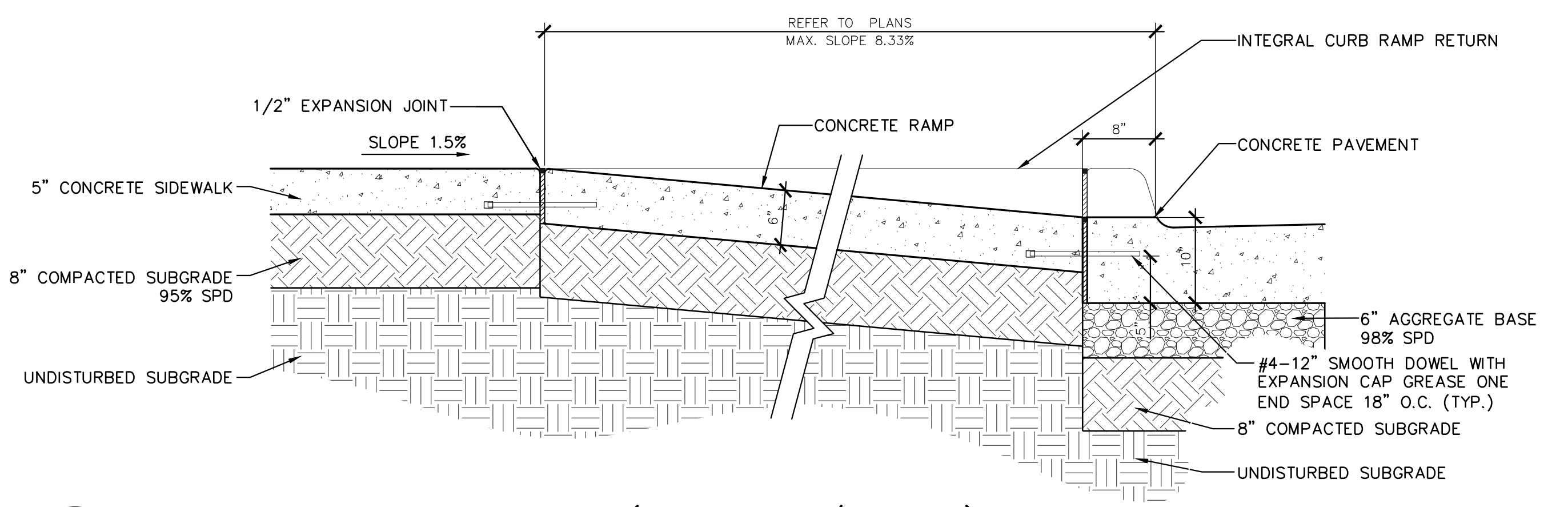
REVISION	BY	DATE	DESIGNED	RLS	05/24	APPROVED:
			SURVEY			
			FIELD MNGR.			
			SECT. MNGR.			
			PROJ. MNGR.			
			RECOMMENDED:			
			DEPUTY DIRECTOR			
			FILE:	DRAWING:	DATE	05/07/24
						SHEET 26 OF 37 SHEETS



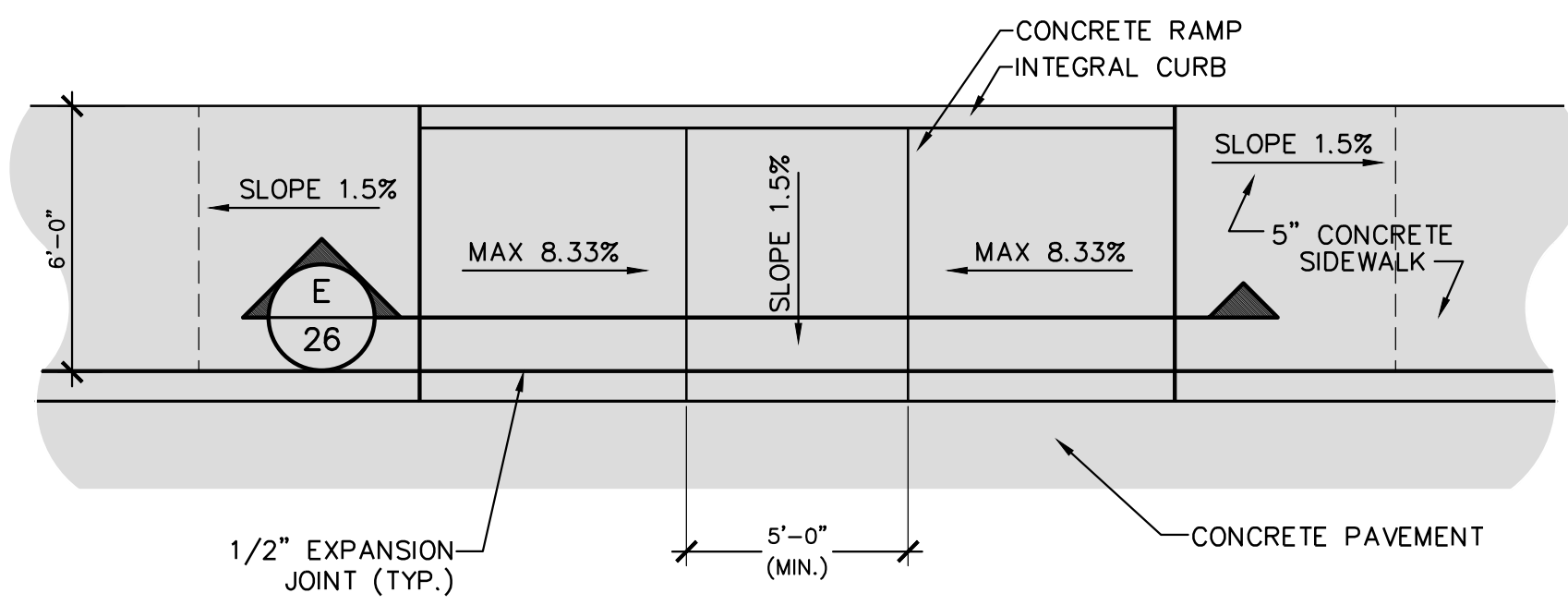
A PLAN: ADA CURB RAMP (TYPE A/B)
NOT TO SCALE



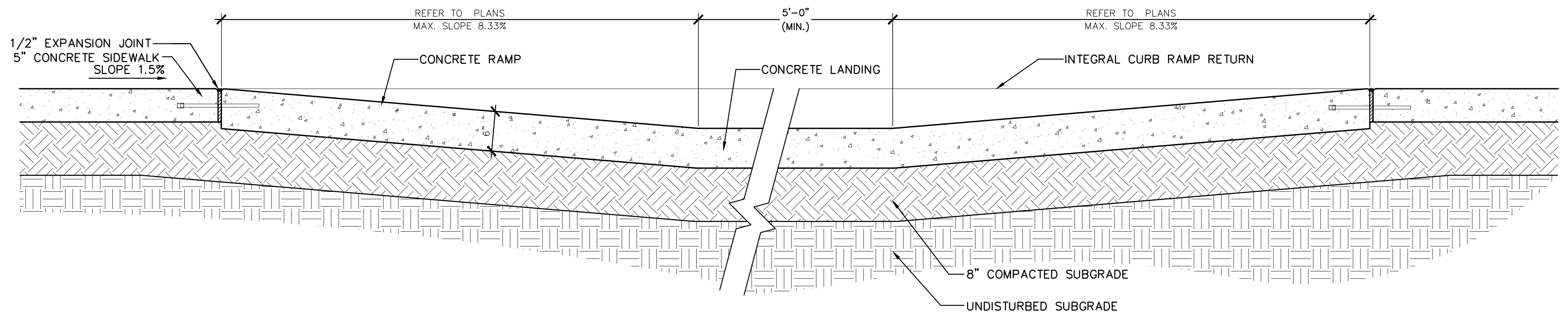
B PLAN: ADA CURB RAMP - TYPE B
NOT TO SCALE



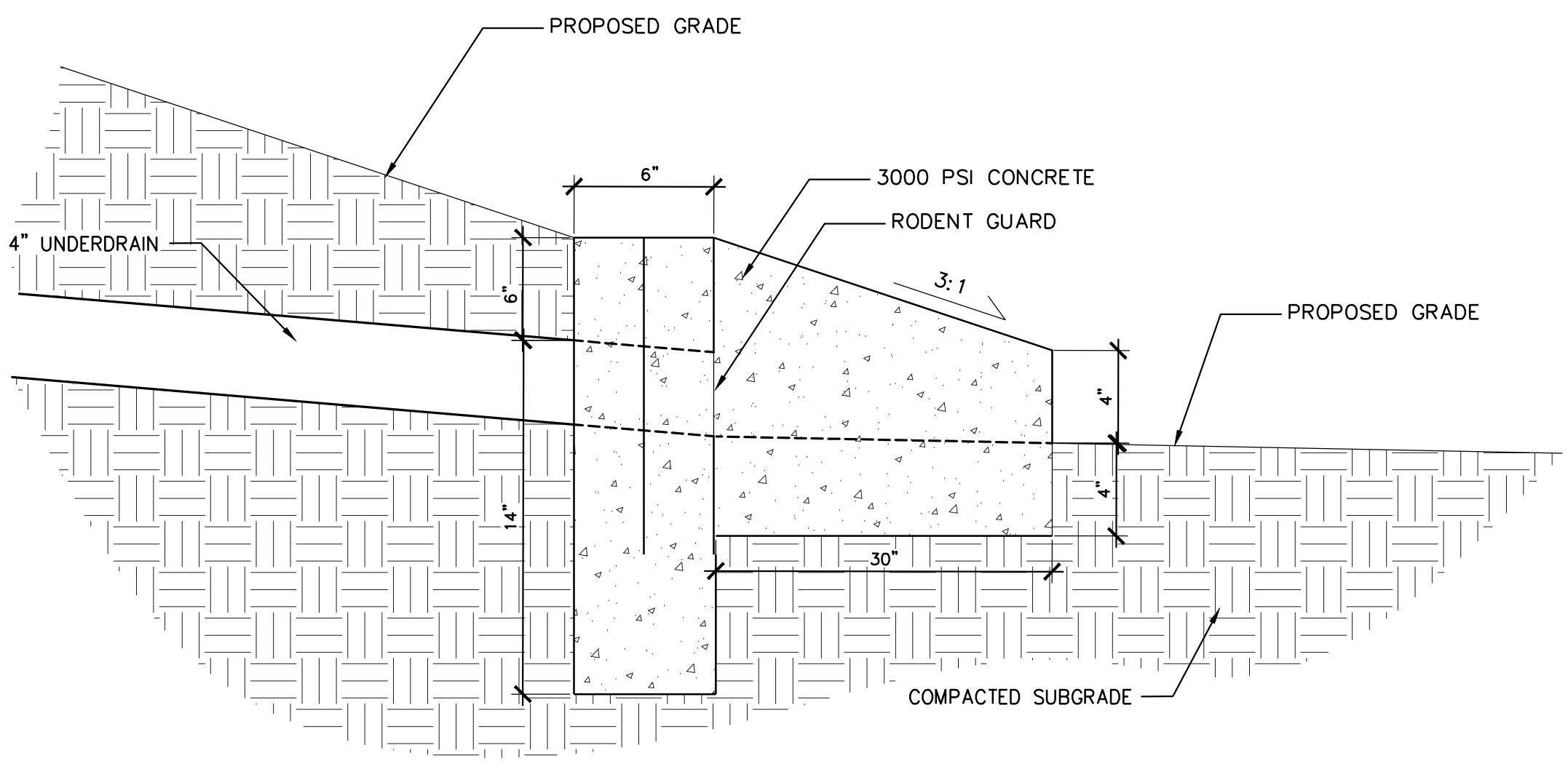
C SECTION: ADA CURB RAMP (TYPE A, A/B, & B)
NOT TO SCALE



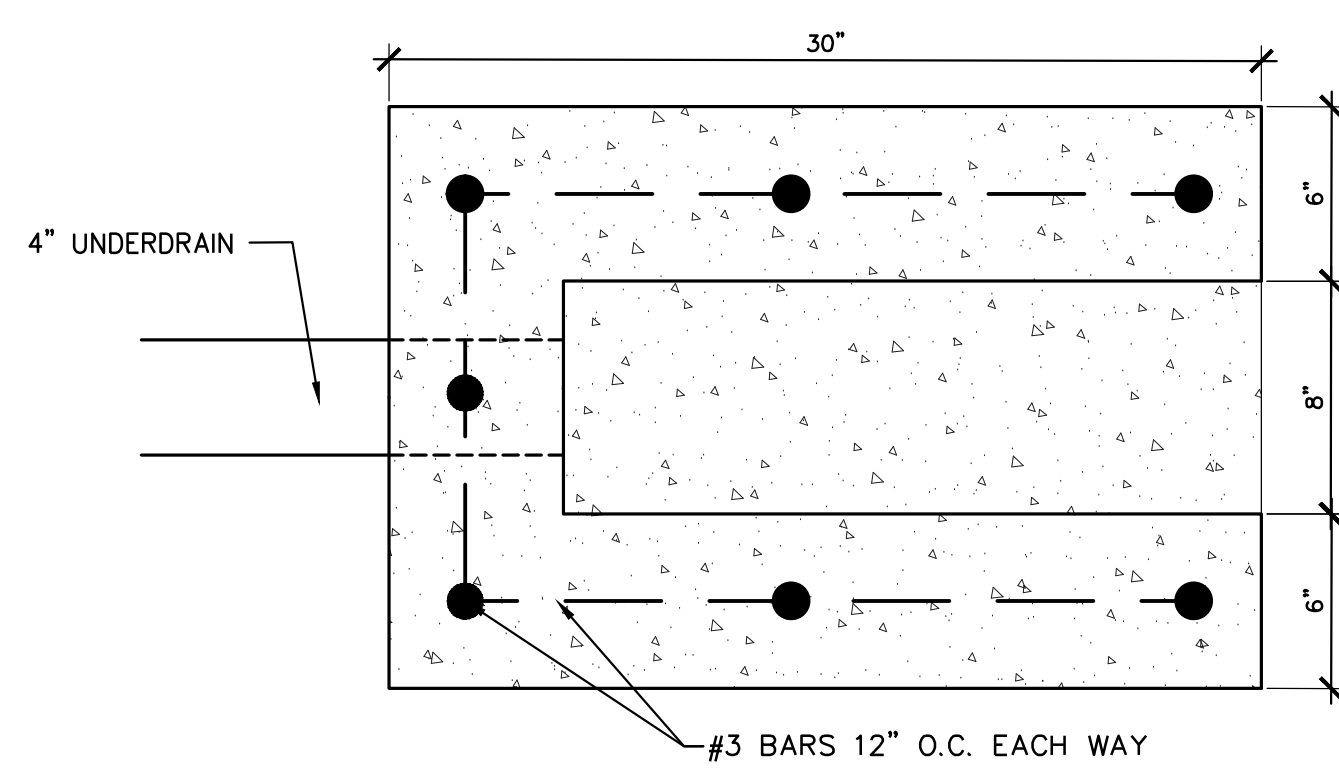
D PLAN: ADA CURB RAMP (TYPE D)
NOT TO SCALE



E PLAN: ADA CURB RAMP (TYPE D)
NOT TO SCALE



F SECTION: OUTLET LATERAL HEADWALL
NOT TO SCALE

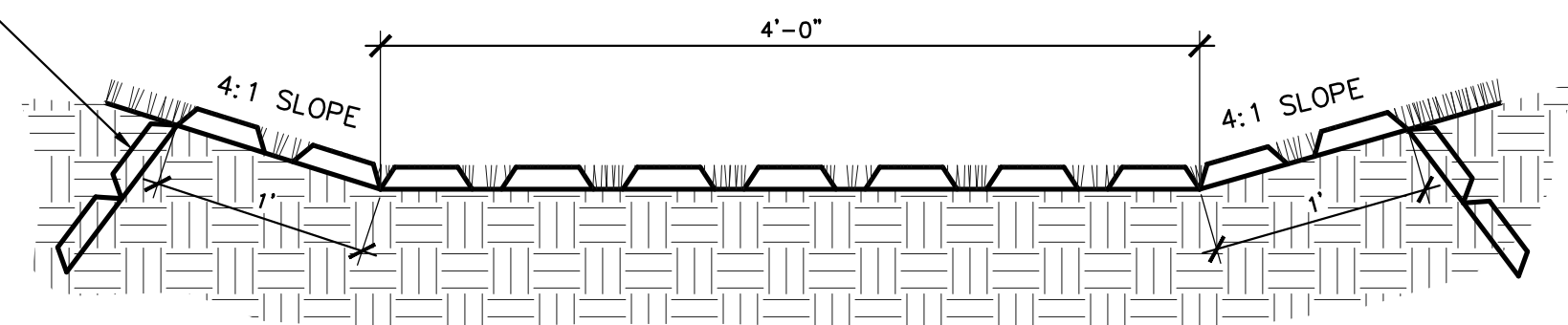


G PLAN VIEW: OUTLET LATERAL HEADWALL
NOT TO SCALE

CONSTRUCTION DETAILS (5)			
PROJECT: MID-AMERICA PARK PHASE 1 IMPROVEMENTS			
OWNER/DEVELOPER: CITY OF MIDWEST CITY 100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293			
PLANS AND ESTIMATES PREPARED BY: R. L. SHEARS COMPANY, P.C. 1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612			
PLAN SCALE:	DRAWN:	AAW	05/24
	DESIGNED:	RLS	05/24
	SURVEY:		
PROFILE SCALE:	FIELD MNGR.:		
HORIZONTAL:	SECT. MNGR.:		
	PROJ. MNGR.:		
VERTICAL:	RECOMMENDED:		
	DEPUTY DIRECTOR:		
FILE:	DRAWING:	DATE	05/07/24
			SHEET 27 OF 37 SHEETS

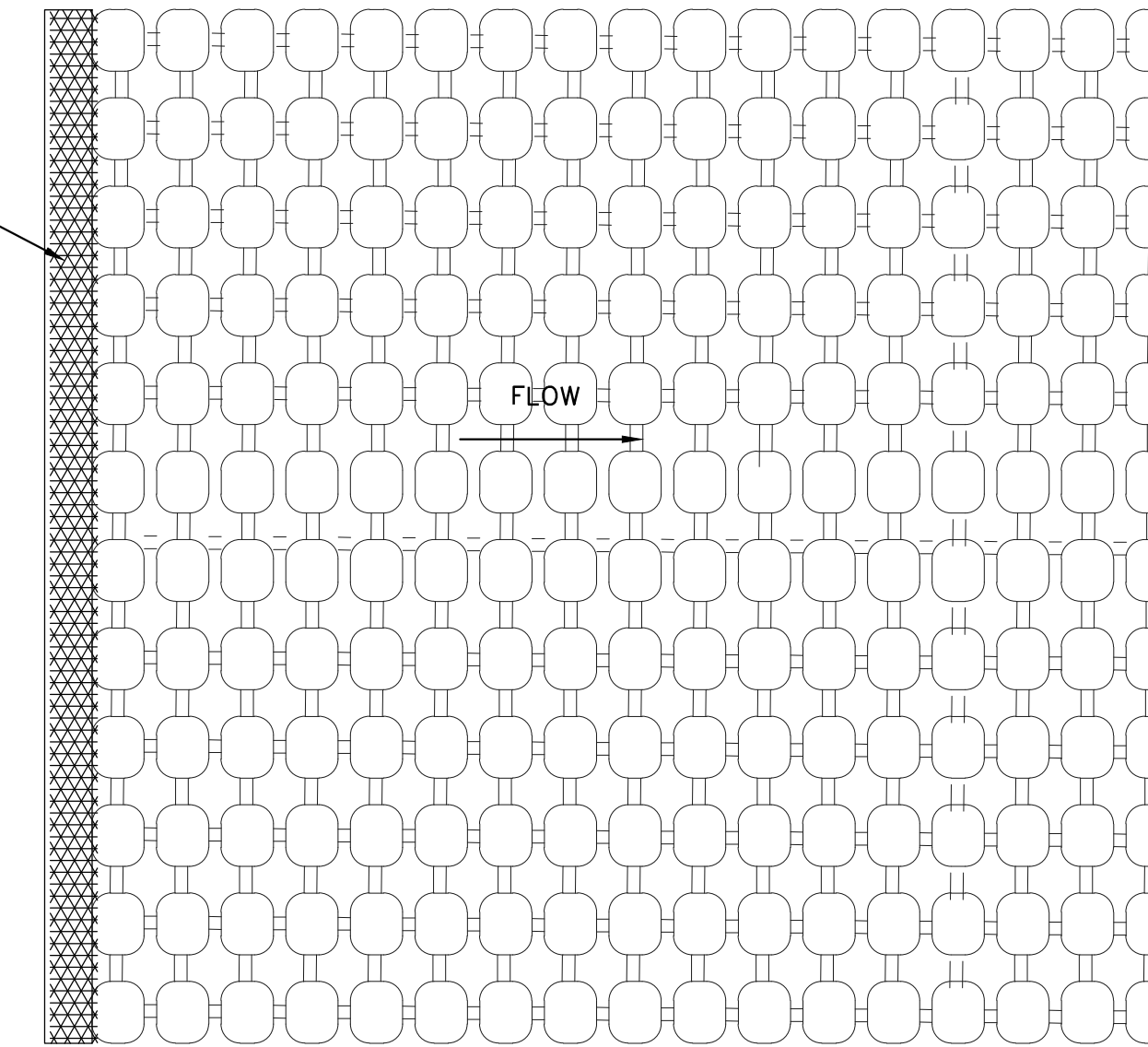
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EDGE EXPOSED TO SHEET FLOW:
RECESS TWO OUTSIDE BLOCKS
12" INTO SUBGRADE.

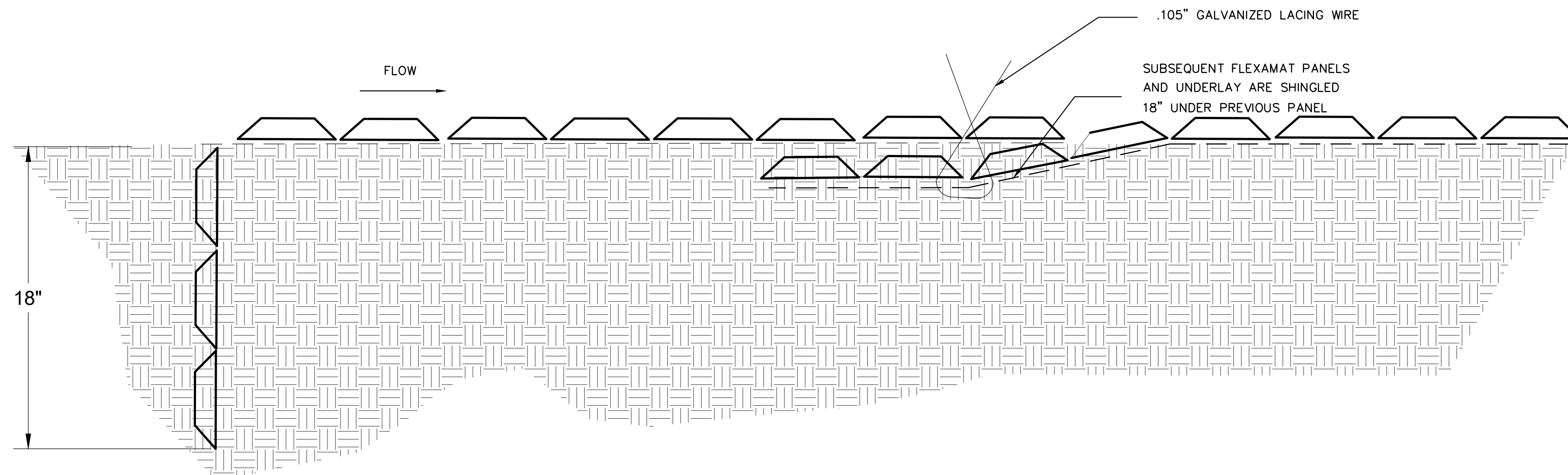


A SECTION: SWALE WITH FLEXAMAT LINING
NOT TO SCALE

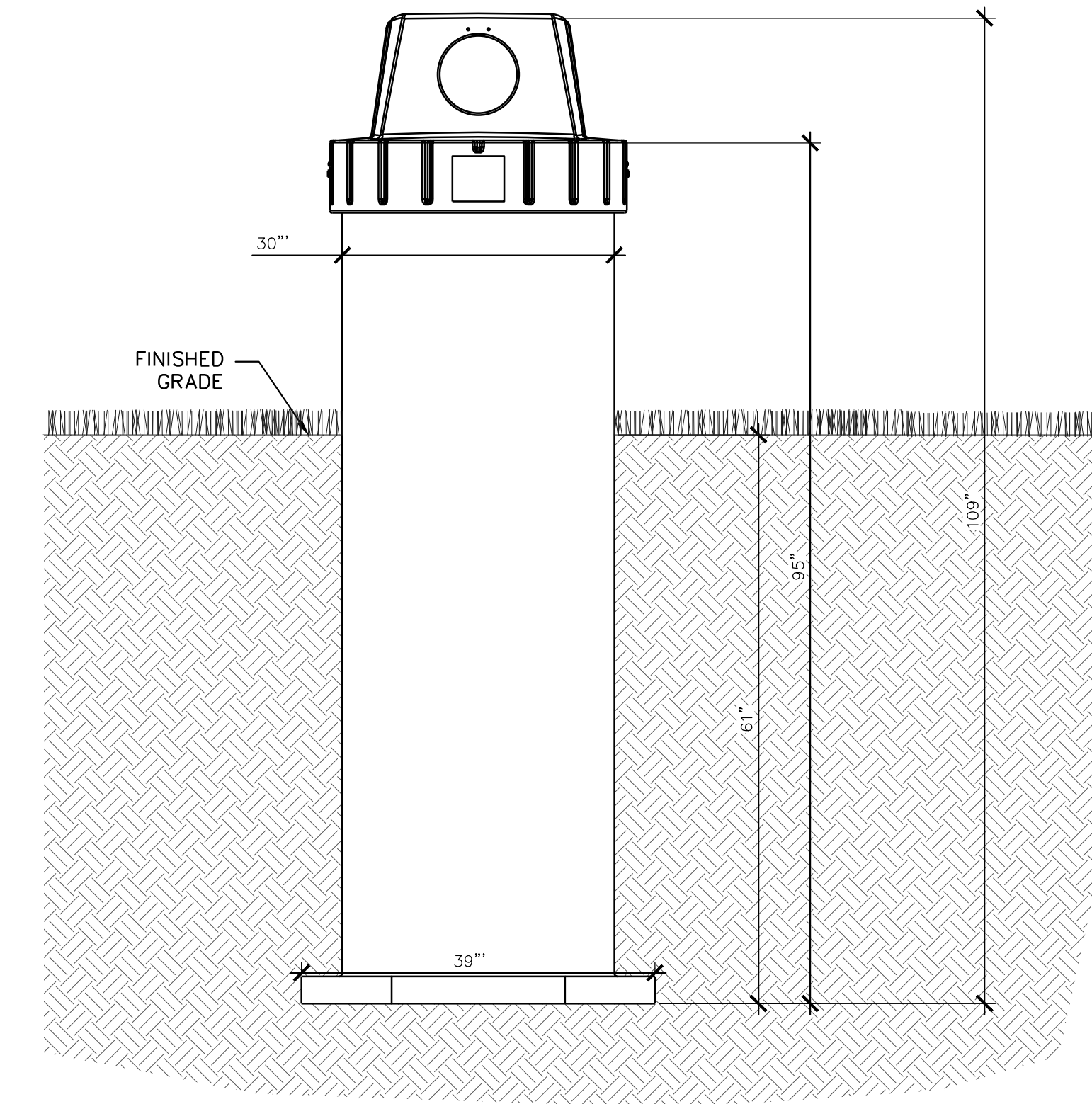
ANCHOR TRENCH INITIAL
LEADING EDGE OF MAT 18".
FILL AND COMPACT
ANCHOR TRENCH.



B PLAN VIEW: FLEXAMAT
NOT TO SCALE



C SECTION: PERPENDICULAR OVERLAPS
NOT TO SCALE



D IN-GROUND TRASH CONTAINER
NOT TO SCALE

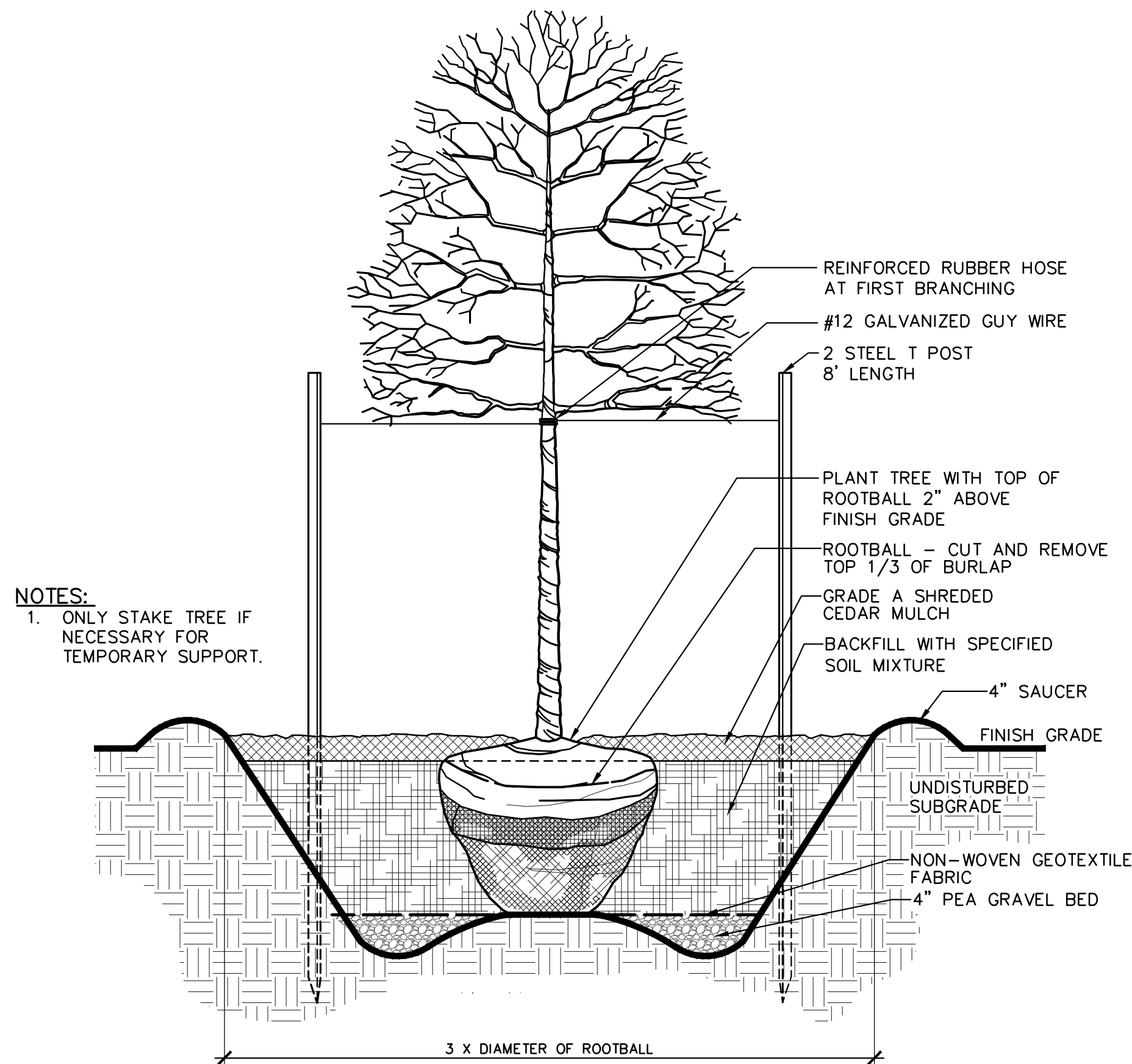
CONSTRUCTION DETAILS (6)

PROJECT:
**MID-AMERICA PARK
PHASE 1 IMPROVEMENTS**

OWNER/DEVELOPER:
CITY OF MIDWEST CITY
100 N. MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293

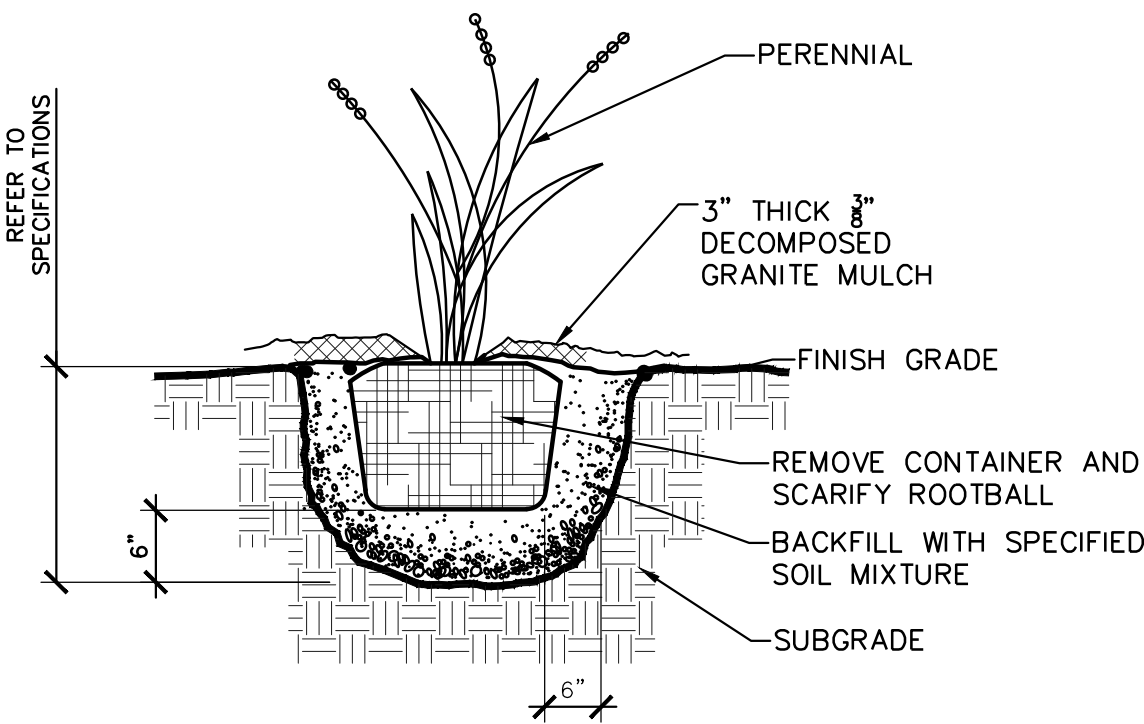
PLANS AND ESTIMATES PREPARED BY:
R. L. SHEARS COMPANY, P.C.
1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612

PLAN SCALE:	DRAWN	AAW	05/24	APPROVED:
	DESIGNED	RLS	05/24	
	SURVEY			
PROFILE SCALE:	FIELD MNGR.			
HORIZONTAL:	SECT. MNGR.			
	PROJ. MNGR.			
VERTICAL:	RECOMMENDED:			
	DEPUTY DIRECTOR			
FILE:	DRAWING:			DATE 05/07/24
				SHEET 28 OF 37 SHEETS

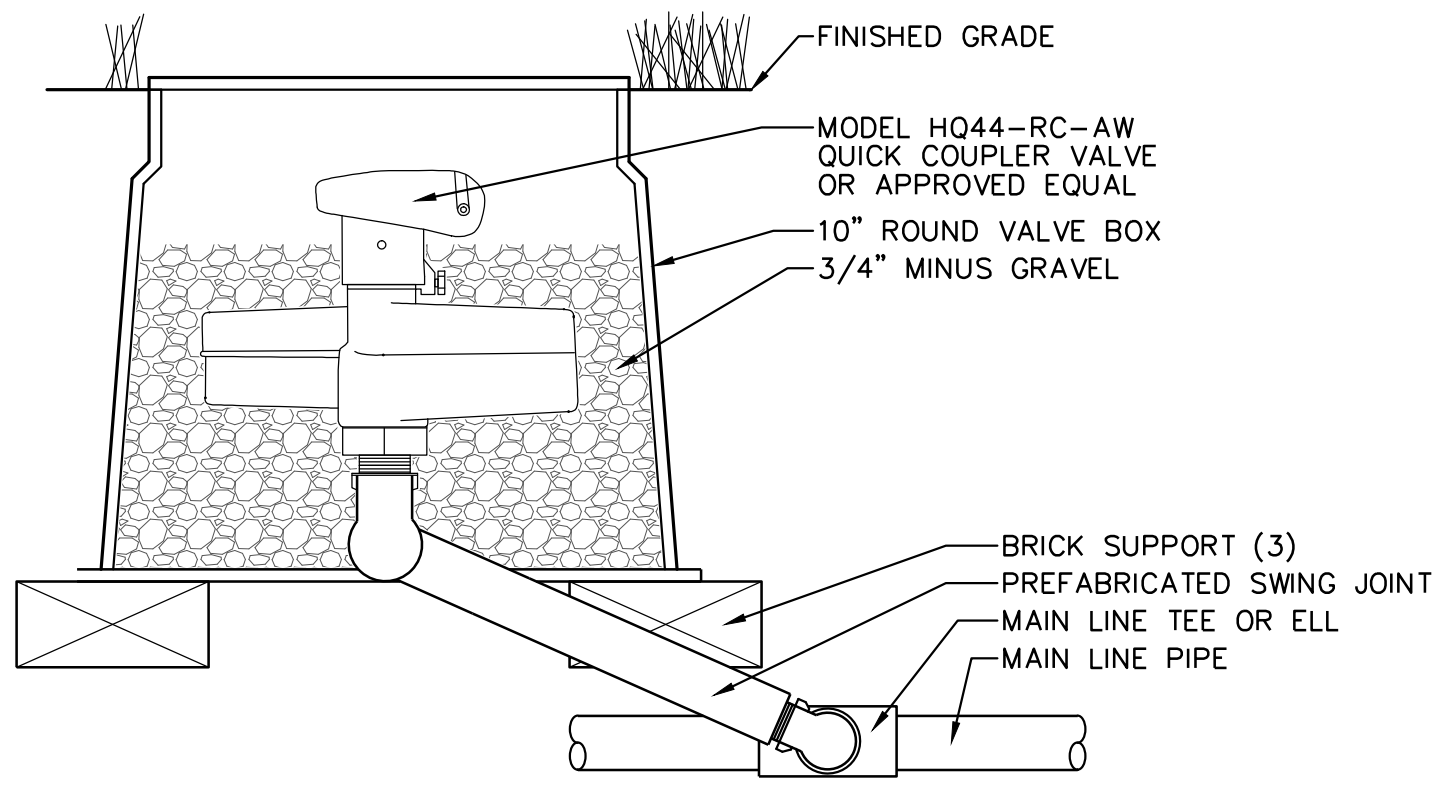


NOTES:
1. ONLY STAKE TREE IF NECESSARY FOR TEMPORARY SUPPORT.

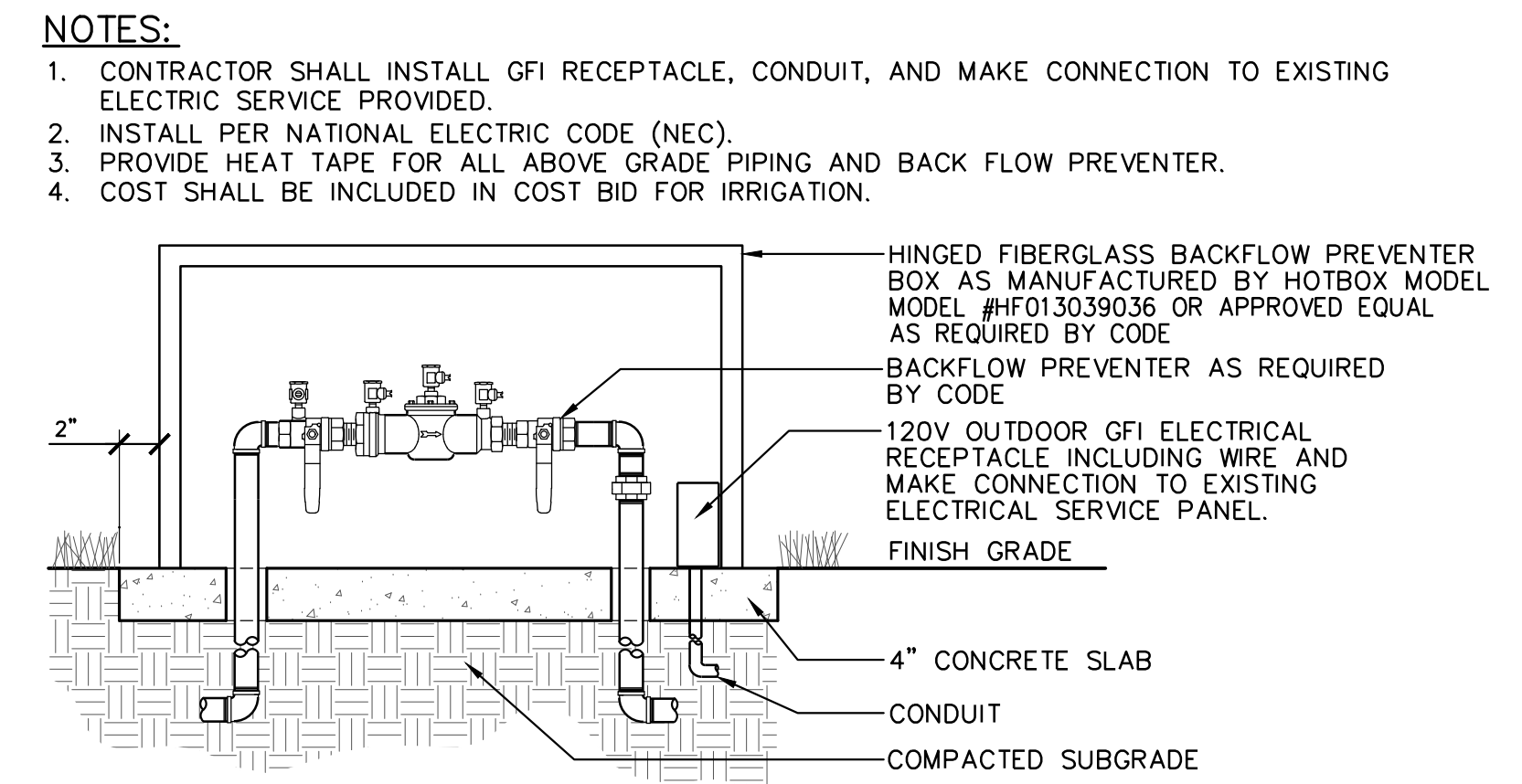
A SECTION: DECIDUOUS TREE INSTALLATION
NOT TO SCALE



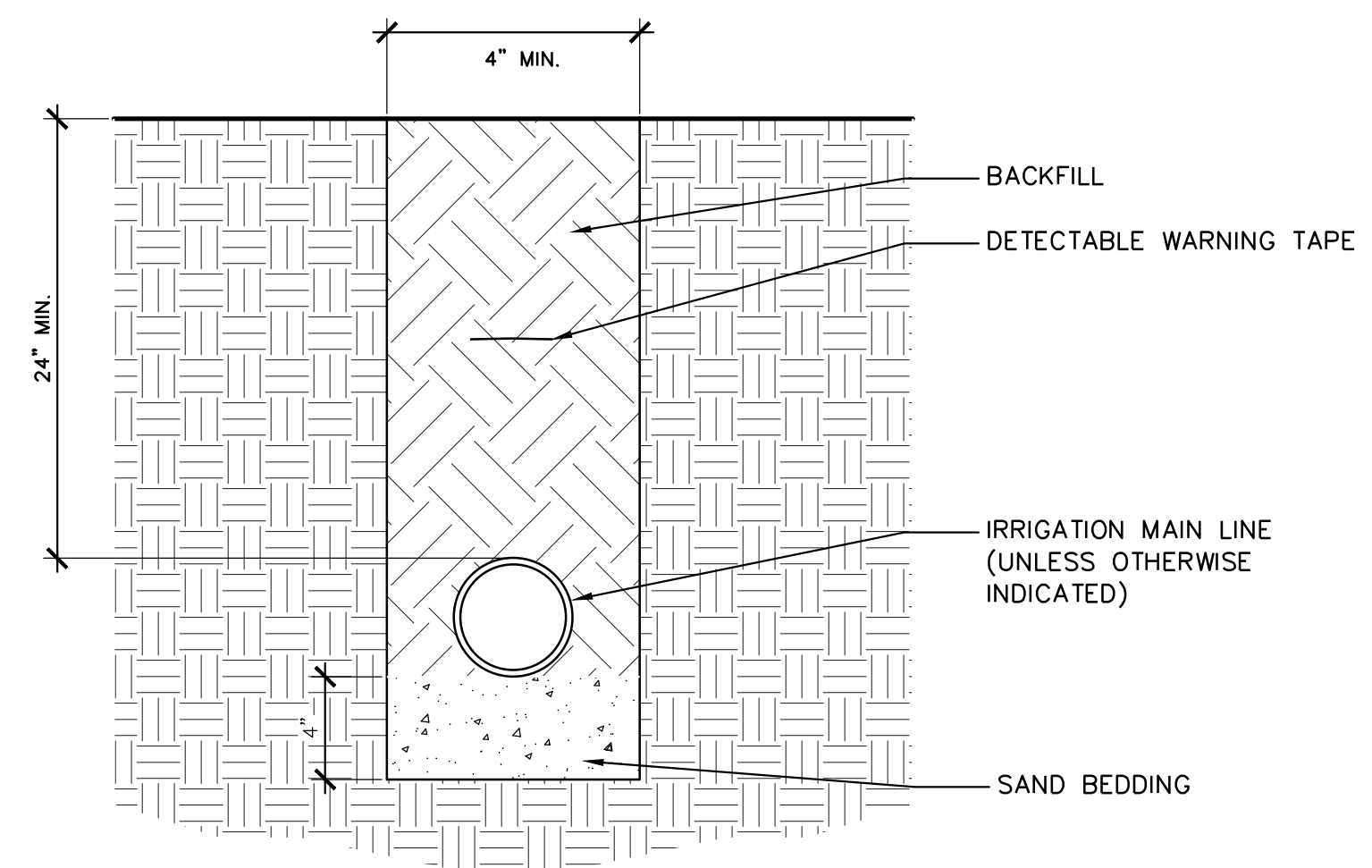
B SECTION: PERENNIALS & GROUNDCOVER CONTAINER PLANTING
NOT TO SCALE



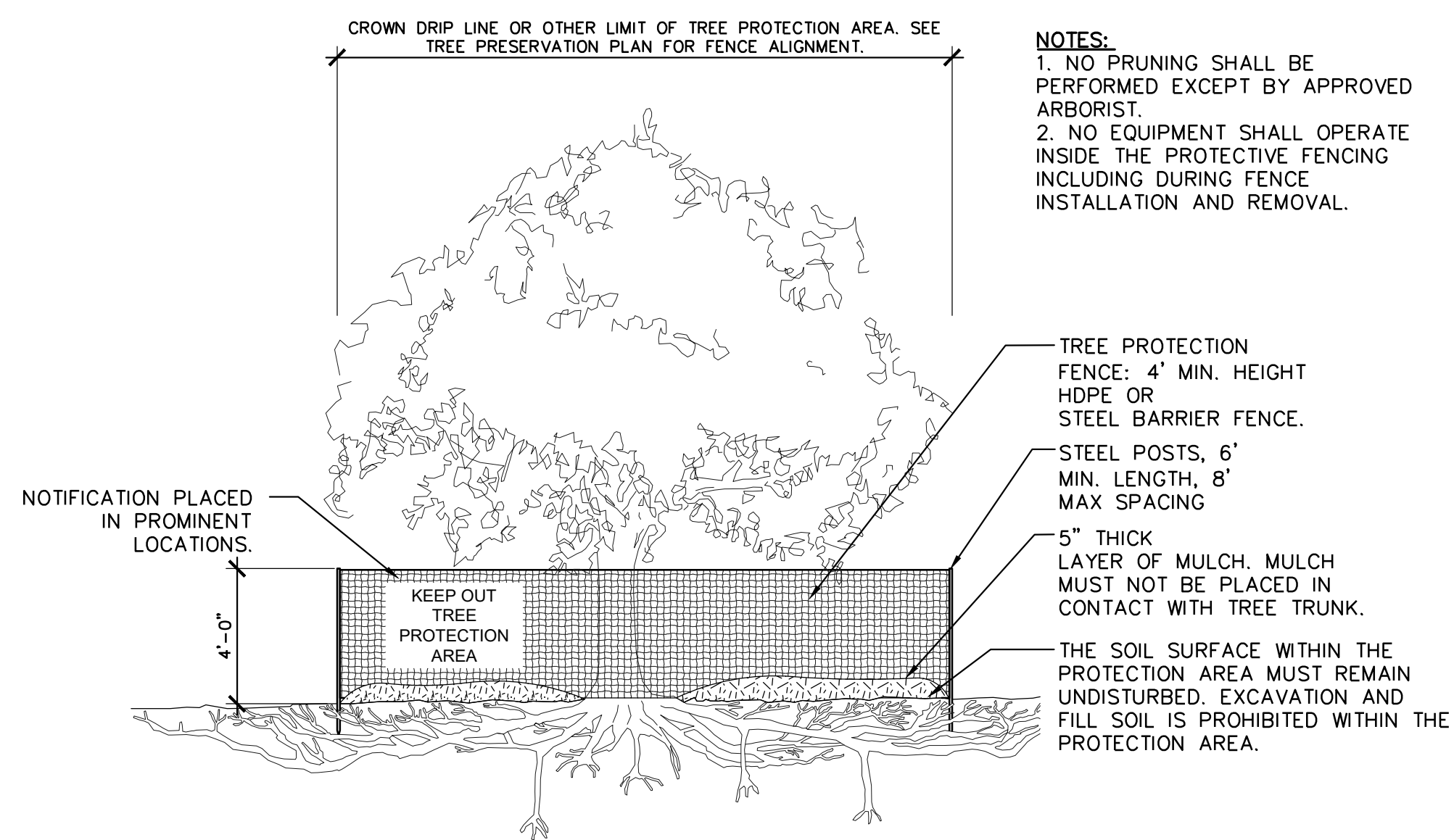
D QUICK COUPLER
NOT TO SCALE



C SECTION: BACKFLOW PREVENTER
NOT TO SCALE

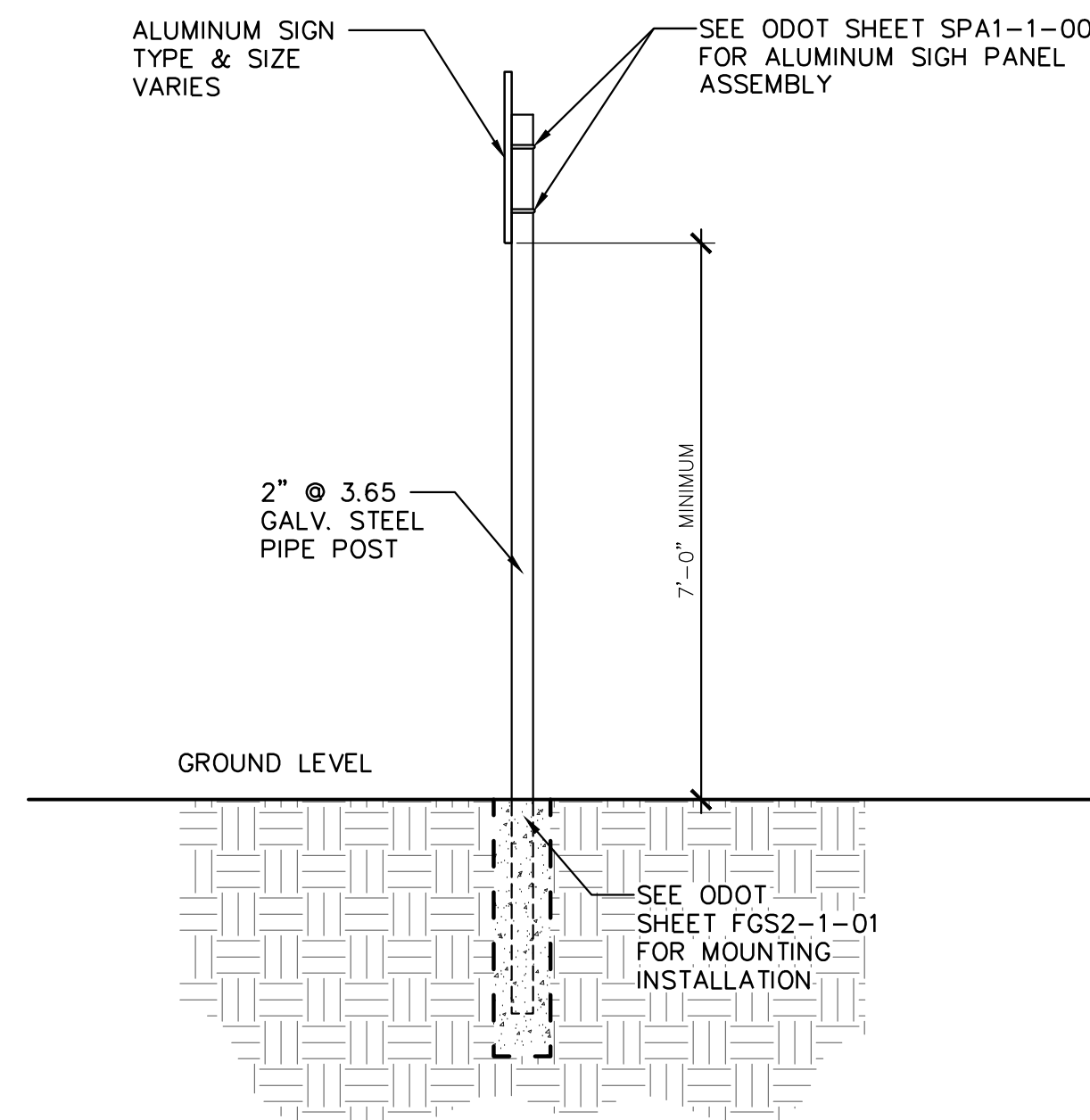


E TRENCHING
NOT TO SCALE

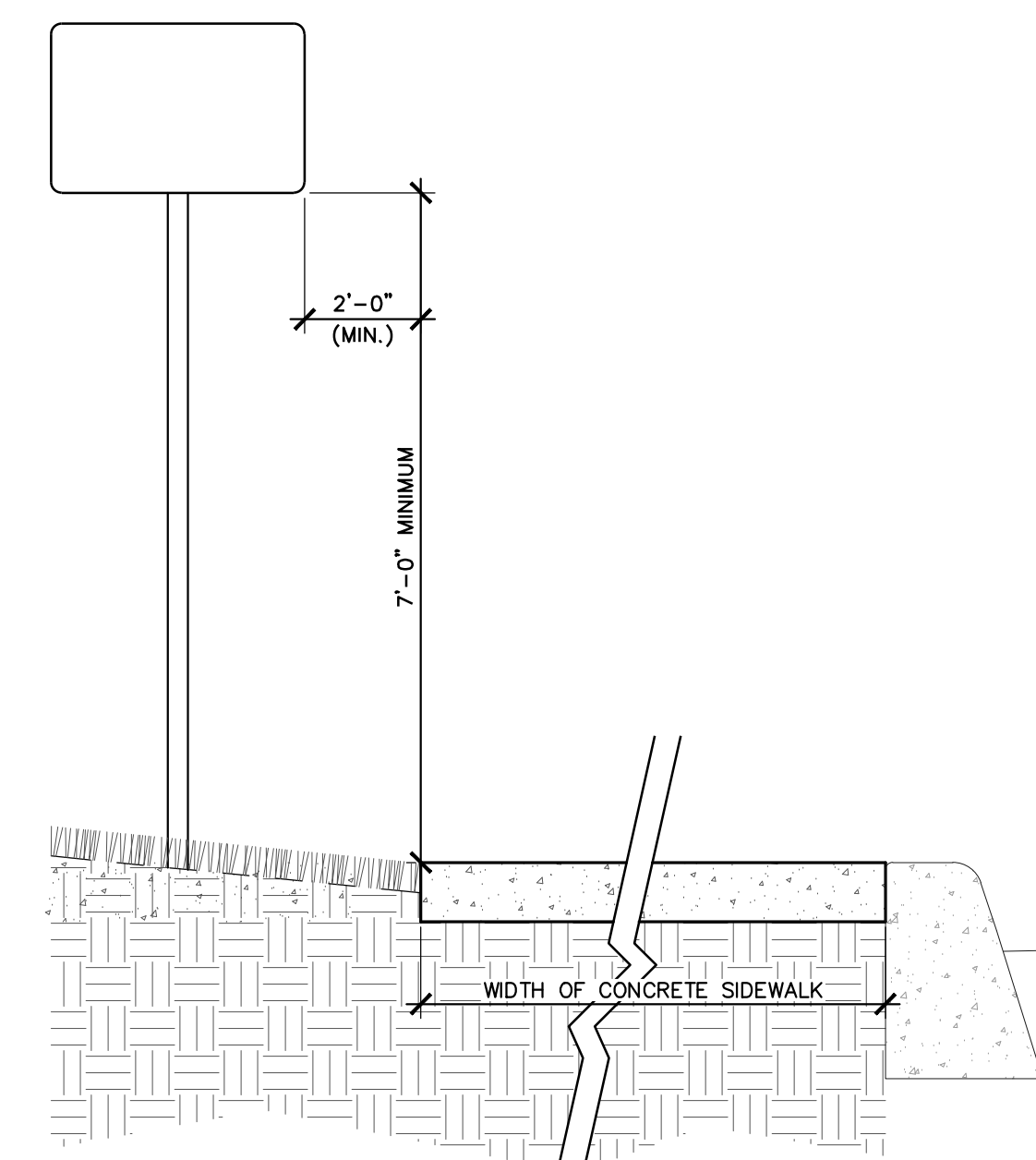


NOTES:
1. NO PRUNING SHALL BE PERFORMED EXCEPT BY APPROVED ARBORIST.
2. NO EQUIPMENT SHALL OPERATE INSIDE THE PROTECTIVE FENCING INCLUDING DURING FENCE INSTALLATION AND REMOVAL.

F SECTION: TREE PROTECTION
NOT TO SCALE



G DETAIL: STREET SIGN
NOT TO SCALE



H SECTION: SIGN PLACEMENT ON CONCRETE SIDEWALK
NOT TO SCALE

NOTES:
1. CONTRACTOR SHALL INSTALL GFI RECEPTACLE, CONDUIT, AND MAKE CONNECTION TO EXISTING ELECTRICAL SERVICE PROVIDED.
2. INSTALL PER NATIONAL ELECTRIC CODE (NEC).
3. PROVIDE HEAT TAPE FOR ALL ABOVE GRADE PIPING AND BACK FLOW PREVENTER.
4. COST SHALL BE INCLUDED IN COST BID FOR IRRIGATION.

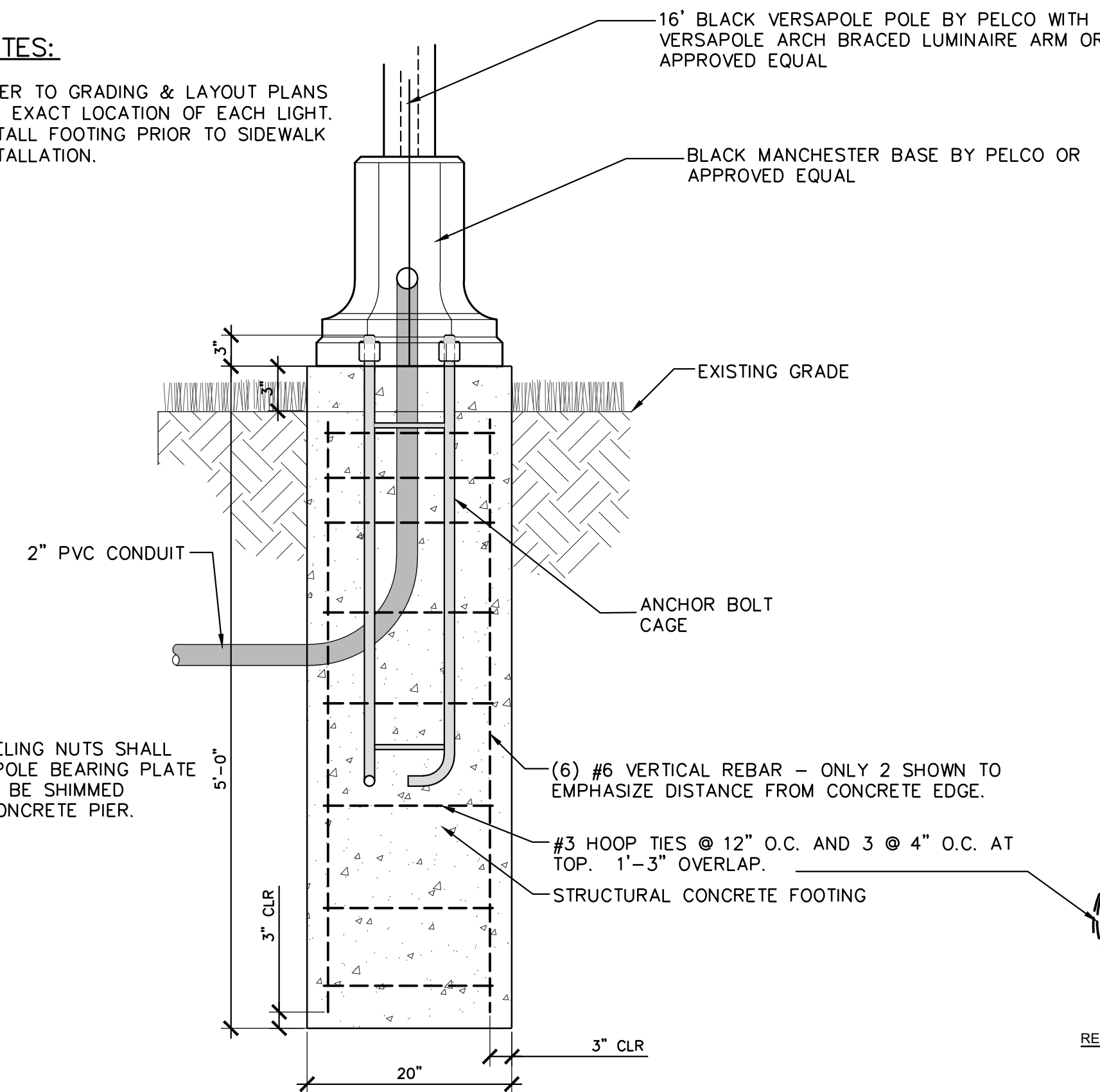
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CONSTRUCTION DETAILS (7)			
PROJECT: MID-AMERICA PARK PHASE 1 IMPROVEMENTS			
OWNER/DEVELOPER: CITY OF MIDWEST CITY 100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293			
PLANS AND ESTIMATES PREPARED BY: R. L. SHEARS COMPANY, P.C. 1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612			
PLAN SCALE:	DRAWN	AAW	05/24
	DESIGNED	RLS	05/24
	SURVEY		
PROFILE SCALE:	FIELD MNGR.		
HORIZONTAL:	SECT. MNGR.		
	PROJ. MNGR.		
VERTICAL:	RECOMMENDED:		
	DEPUTY DIRECTOR		
FILE:	DRAWING:	DATE	05/07/24
			SHEET 29 OF 37 SHEETS

REVISION	BY	DATE

NOTES:

REFER TO GRADING & LAYOUT PLANS FOR EXACT LOCATION OF EACH LIGHT. INSTALL FOOTING PRIOR TO SIDEWALK INSTALLATION.

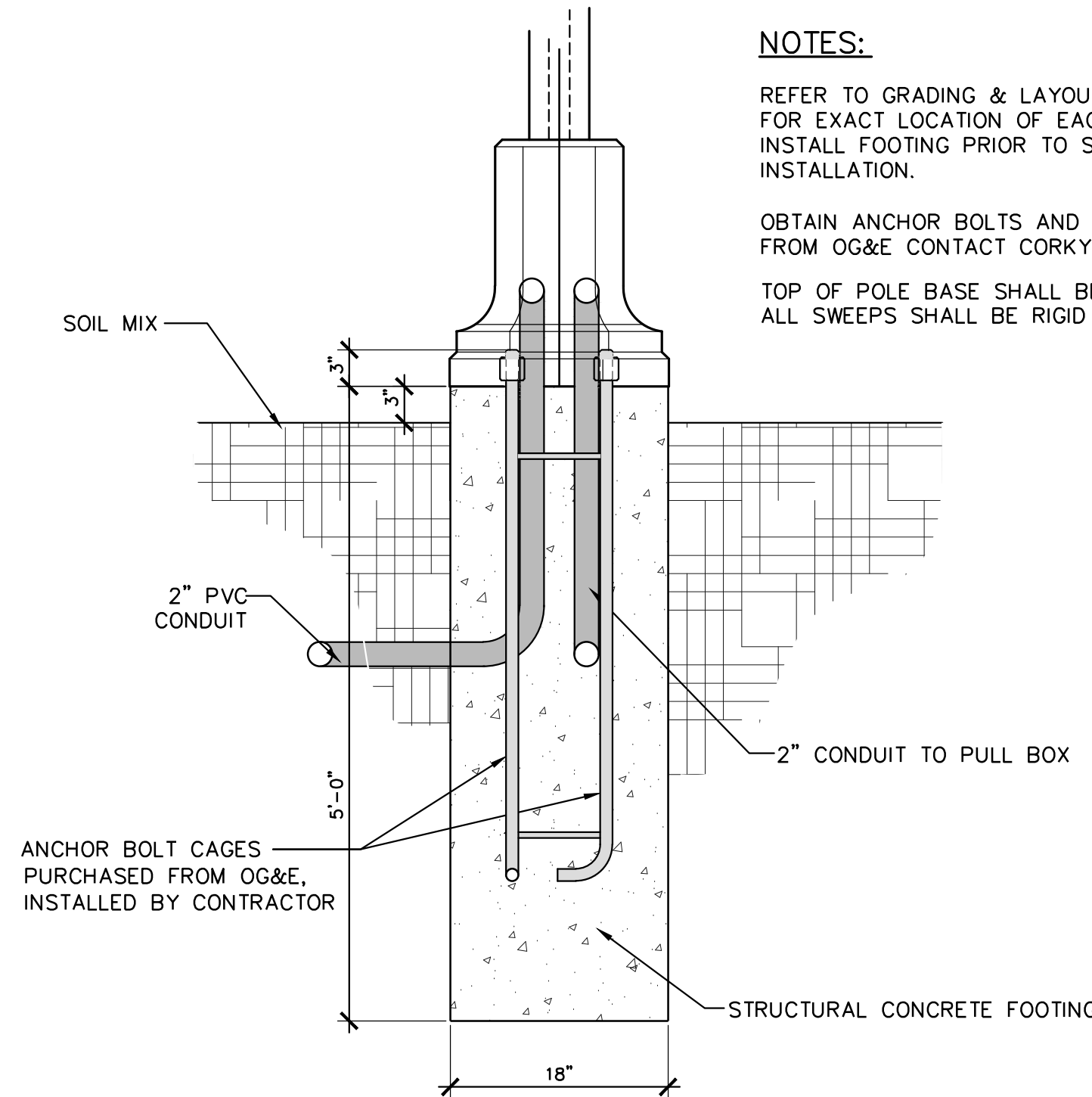


NOTE: LEVELING NUTS SHALL BE USED. POLE BEARING PLATE SHALL NOT BE SHIMMED AGAINST CONCRETE PIER.

NOTES:

REFER TO GRADING & LAYOUT PLANS FOR EXACT LOCATION OF EACH LIGHT. INSTALL FOOTING PRIOR TO SIDEWALK INSTALLATION.

OBTAIN ANCHOR BOLTS AND TEMPLATES FROM OG&E CONTACT CORKY TOMLIN. TOP OF POLE BASE SHALL BE LEVEL. ALL SWEEPS SHALL BE RIGID PVC.



SECTION: 12' POST TOP LIGHT POLE FOOTING

ELECTRIC GENERAL NOTES:

- PRIOR TO BID AND CONSTRUCTION, SURVEY THE SITE TO DETERMINE ALL EXISTING CONDITIONS RELATED TO THE WORK. THIS INCLUDES ALL EXISTING UTILITIES.
- ELECTRICAL CONTRACTOR TO COORDINATE THE MOUNTING HEIGHTS WITH ARCHITECTURAL DETAILS OR OWNER.
- THE DRAWINGS ARE INTENDED TO COVER THE LAYOUT AND DESIGN OF THE WORK AND ARE NOT TO BE SCALED FOR MEASUREMENTS
- PROVIDE ALL EXCAVATION NECESSARY FOR INSTALLATION OF THE WORK INCLUDED. COMPLY WITH ALL APPLICABLE AND GOVERNING SAFETY REGULATIONS INCLUDING OSHA.
- CONTRACTOR SHALL REPAIR ANY EXISTING FACILITIES DAMAGED DUE TO THE OPERATIONS OF THE CONTRACTOR.
- WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL THE APPLICABLE REQUIREMENTS OF ALL GOVERNING CODES, RULES AND REGULATIONS, INCLUDING THE FOLLOWING MINIMUM STANDARDS, WHETHER STATUTORY OR NOT: NATIONAL ELECTRIC CODE(NEC), NATIONAL FIRE PROTECTION ASSOCIATION(NFPA), INTERNATIONAL BUILDING CODE(IBC), AMERICANS WITH DISABILITIES ACT(ADA).
- CONTRACTOR SHALL PROCURE AND PAY FOR ALL REQUIRED PERMITS AND LICENSES.
- GUARANTEE EACH SYSTEM AND EACH ELEMENT THEREOF AGAINST ANY DEFECT DUE TO FAULTY WORKMANSHIP, DESIGN, OR MATERIAL FOR A PERIOD OF ONE YEAR.
- INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS.
- THE CONTRACTOR SHALL SHOW, ON PRINTS, ANY CHANGES FROM THE ORIGINAL DRAWINGS MADE DURING INSTALLATION. DELIVER TO THE ARCHITECT WHEN WORK IS COMPLETED.
- PROVIDE COPIES OF OPERATING AND SERVICE MANUALS INCLUDING OPERATION INSTRUCTION, SERVICE INSTRUCTIONS, AND SUBMITTAL LITERATURE TO THE OWNER.
- DEMONSTRATE TO AND INSTRUCT THE OWNER IN THE PROPER OPERATION AND MAINTENANCE OF ALL SYSTEMS.
- STORE EQUIPMENT AND MATERIAL TO PREVENT DAMAGE. DAMAGED EQUIPMENT SHALL BE REPLACED OR RESTORED TO A CONDITION ACCEPTABLE TO THE OWNER.
- COORDINATE WITH OTHER TRADES WHEN LOCATING EQUIPMENT, LIGHTS, PIPING, ETC.
- PROVIDE PULL STRING IN ALL EMPTY CONDUITS.
- COORDINATE WITH ELECTRIC UTILITY FOR SERVICE REQUIREMENTS TO SITE AND PROVIDE AS REQUIRED FOR A NEW COMPLETE SERVICE.
- ALL CONDUITS: SCHEDULE 40 PVC WHERE BURIED. IMC WHERE EXPOSED.
- ALL CONDUCTORS: THWN, COPPER, UL LISTED, 600 VOLT, COLOR CODED.
- ALL RECEPTACLES: GFI QUADPLEX IN WEATHERPROOF BOX WITH IN-USE COVER.

A SECTION: CONCRETE FOOTING FOR CAMERA POLE

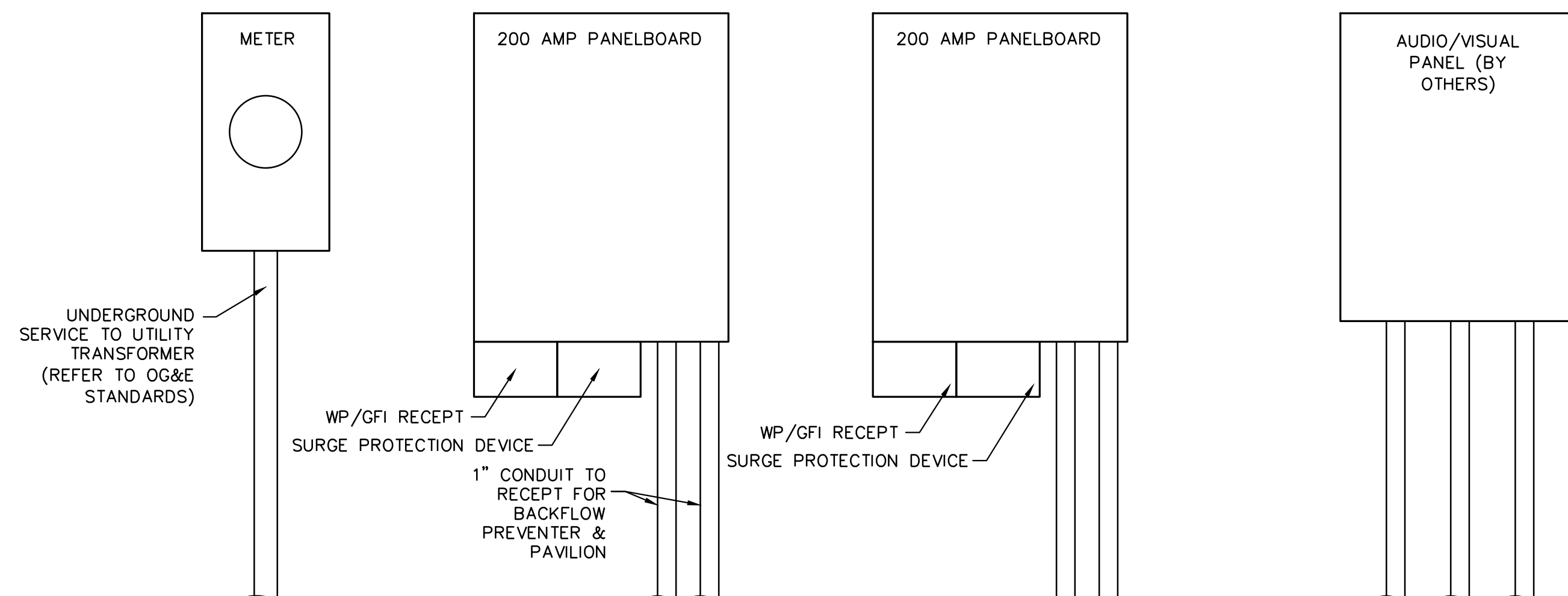
NOT TO SCALE

B SECTION: POST TOP LIGHT POLE FOOTING

NOT TO SCALE

ELECTRICAL SERVICE:
240/120VAC-1PH-3W 400
AMP, 28 kVA

MOUNT ON RACK PER
OG&E STANDARDS



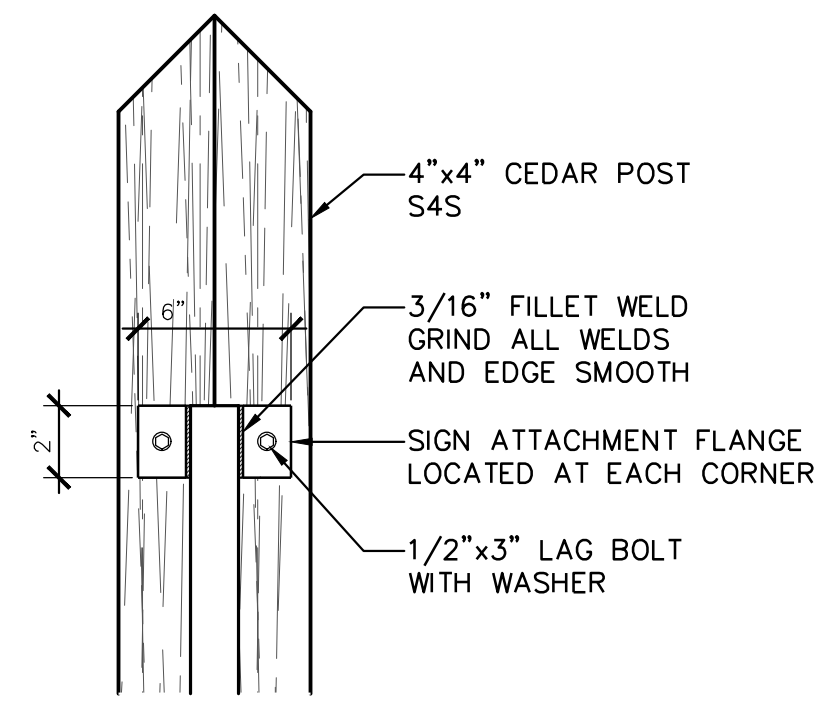
C ELECTRICAL SERVICE

NOT TO SCALE

CONSTRUCTION DETAILS (8)

PROJECT: MID-AMERICA PARK PHASE 1 IMPROVEMENTS			
OWNER/DEVELOPER: CITY OF MIDWEST CITY 100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293			
PLANS AND ESTIMATES PREPARED BY: R. L. SHEARS COMPANY, P.C. 1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612			
PLAN SCALE:	DRAWN AAW	05/24	APPROVED:
	DESIGNED RLS	05/24	
	SURVEY		
PROFILE SCALE:	FIELD MNGR.		
HORIZONTAL:	SECT. MNGR.		
	PROJ. MNGR.		
	RECOMMENDED:		
	DEPUTY DIRECTOR		
FILE:	DRAWING:	DATE	05/07/24
		SHEET	30 OF 37 SHEETS

REVISION	BY	DATE

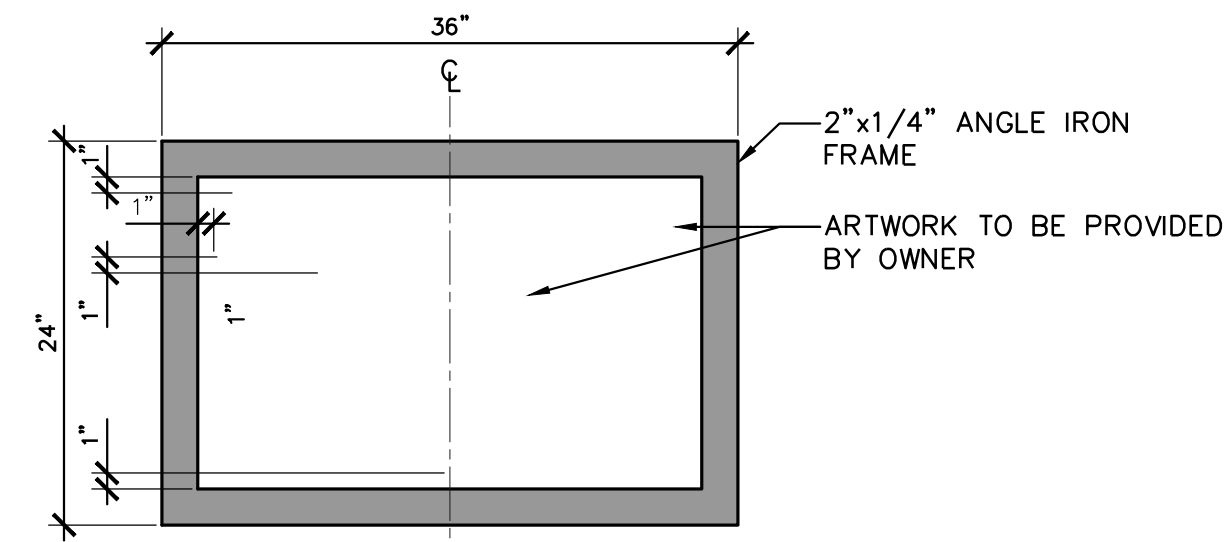


DETAIL: POST TOP AND ATTACHMENT

A NOT TO SCALE

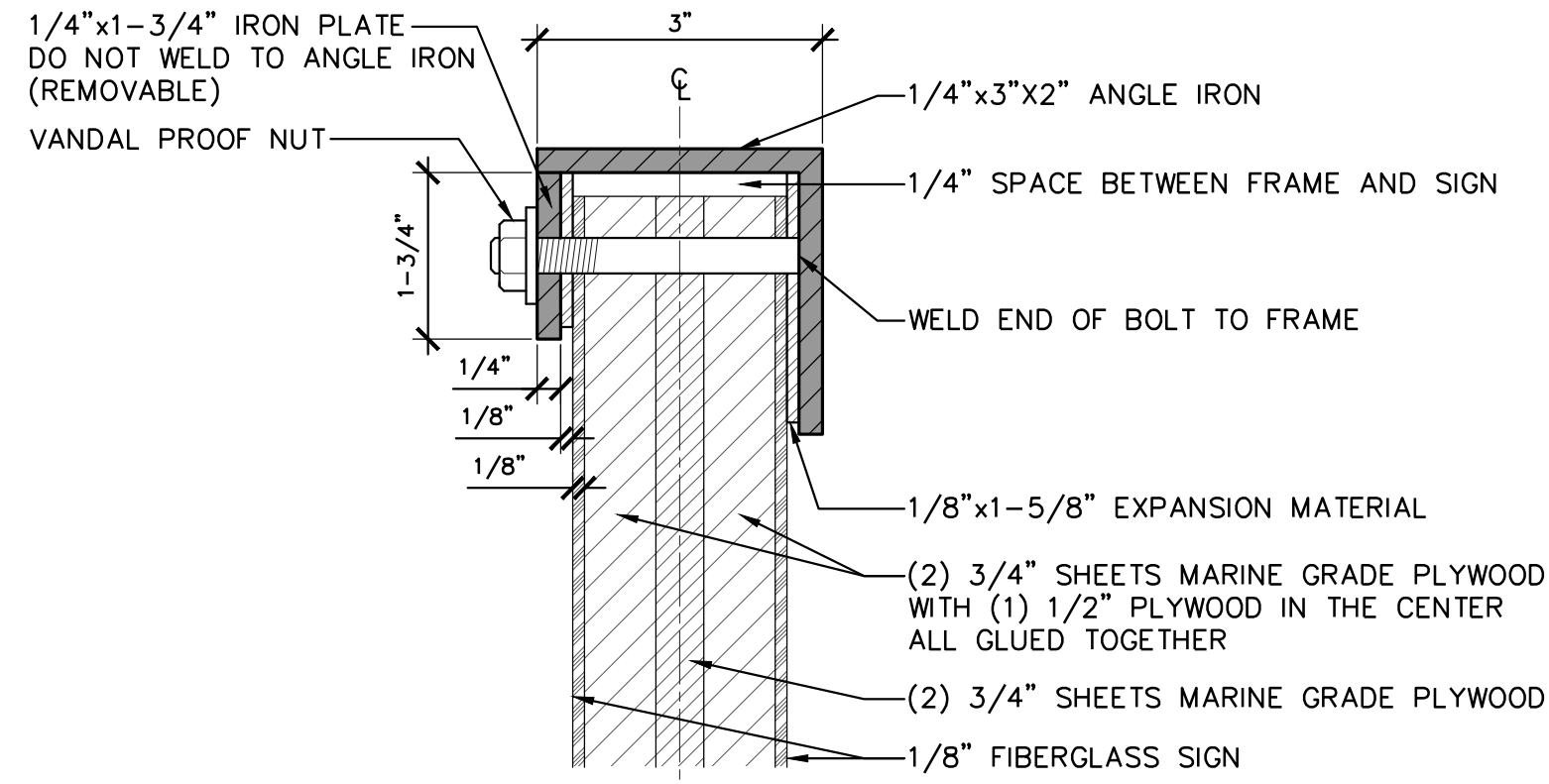
NOTES:

FIBERGLASS SIGN TO BE MANUFACTURED BY PANNIER GRAPHICS OR APPROVED EQUAL



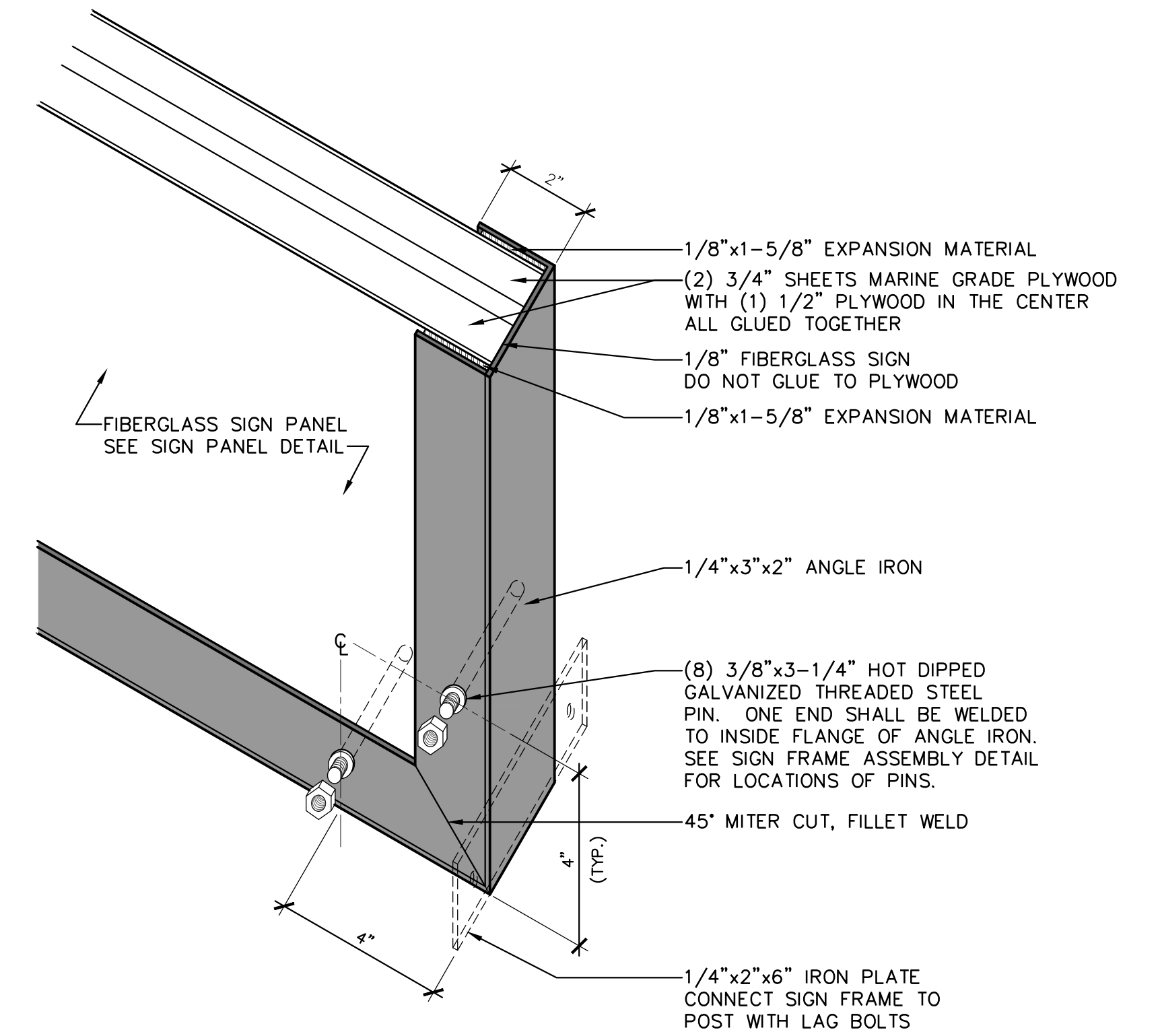
DETAIL: SIGN PANEL

B NOT TO SCALE



DETAIL: SIGN FRAME ASSEMBLY

C NOT TO SCALE

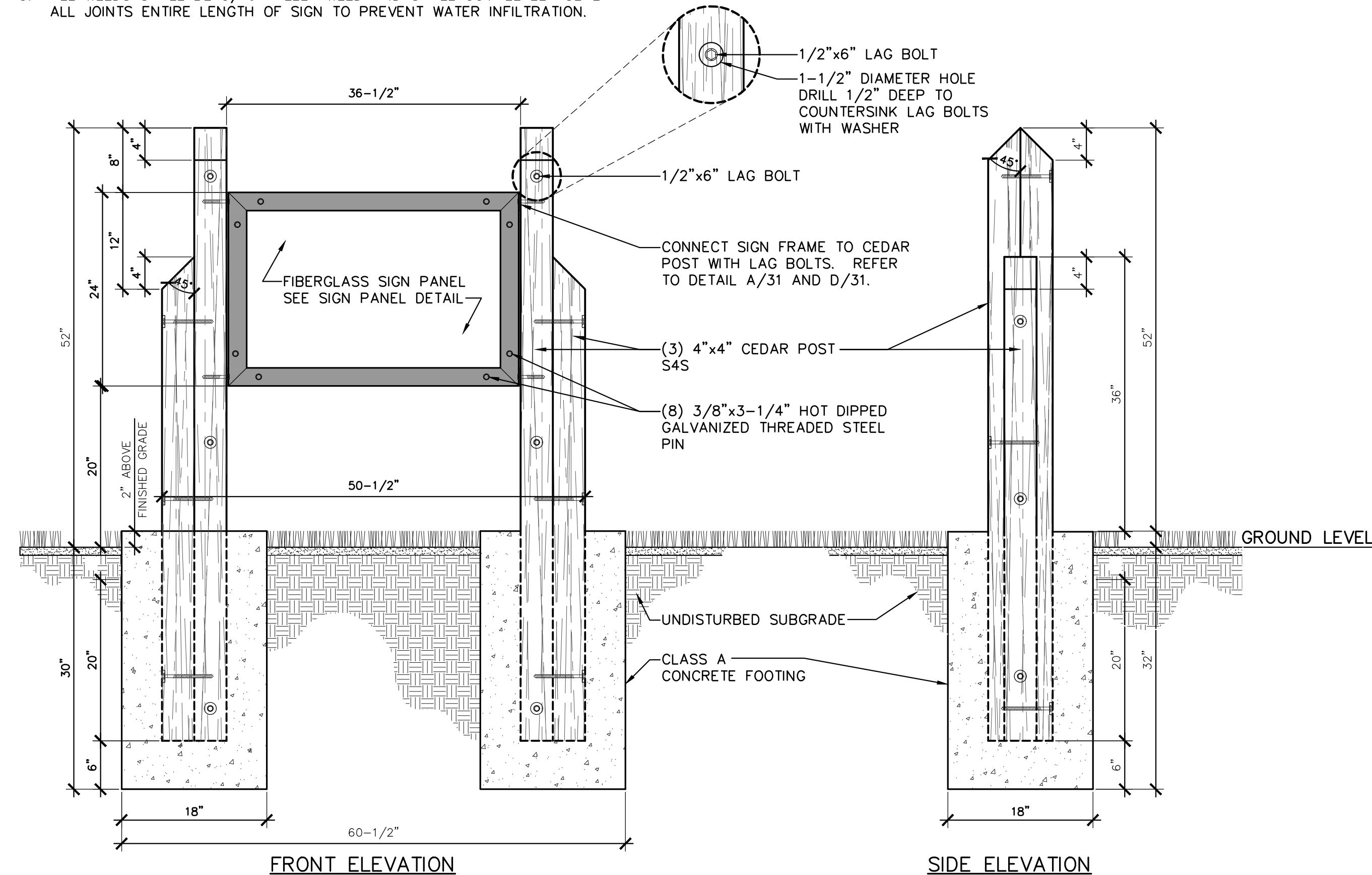


DETAIL: SIGN AND BOLT ASSEMBLY

D NOT TO SCALE

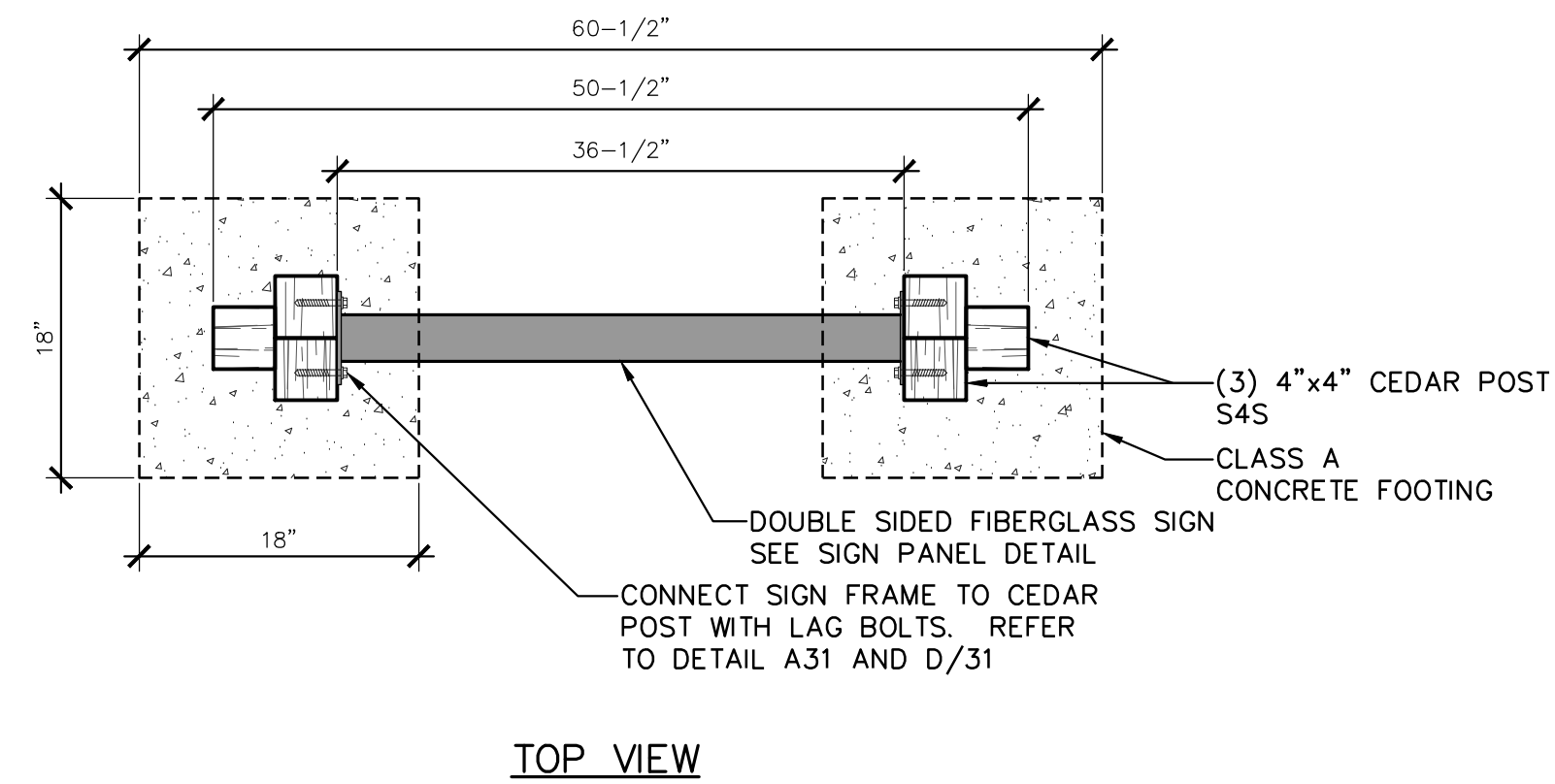
NOTES:

- ENTIRE SIGN FRAME ASSEMBLY, AND ASSOCIATED BOLTS SHALL BE LIGHTLY SANDBLASTED, PRIMED WITH A ZINC RICH PRIMER AND FINISHED WITH BLACK TGIC POLYESTER POWDER COAT 2.5-3.0 MLS. THICK. SURFACE SHALL BE FREE OF RUST, OILS, ETC. PRIOR TO PAINTING.
- GRIND ALL WELDS AND EDGES SMOOTH.
- ALL WELDS SHALL BE 3/16" FILLET WELD AND SHALL COMPLETELY SEAL ALL JOINTS ENTIRE LENGTH OF SIGN TO PREVENT WATER INFILTRATION.



ELEVATION: DISC GOLF FIBERGLASS SIGN AND FRAME WITH CEDAR POST (ADD ALT.)

E NOT TO SCALE



PLAN: DOUBLE SIDED FIBERGLASS SIGN AND FRAME WITH CEDAR POST (ADD ALT.)

F NOT TO SCALE

CONSTRUCTION DETAILS (9)

PROJECT:
MID-AMERICA PARK
PHASE 1 IMPROVEMENTS

OWNER/DEVELOPER:
CITY OF MIDWEST CITY
100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293

PLANS AND ESTIMATES PREPARED BY:
R. L. SHEARS COMPANY, P.C.
1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612

PLAN SCALE:	DRAWN:	AAW	05/24	APPROVED:
	DESIGNED:	RLS	05/24	
	SURVEY:			
PROFILE SCALE:	FIELD MNGR.:			
HORIZONTAL:	SECT. MNGR.:			
	PROJ. MNGR.:			
VERTICAL:	RECOMMENDED:			
	DEPUTY DIRECTOR:			
FILE:	DRAWING:			DATE 05/07/24
				SHEET 31 OF 37 SHEETS

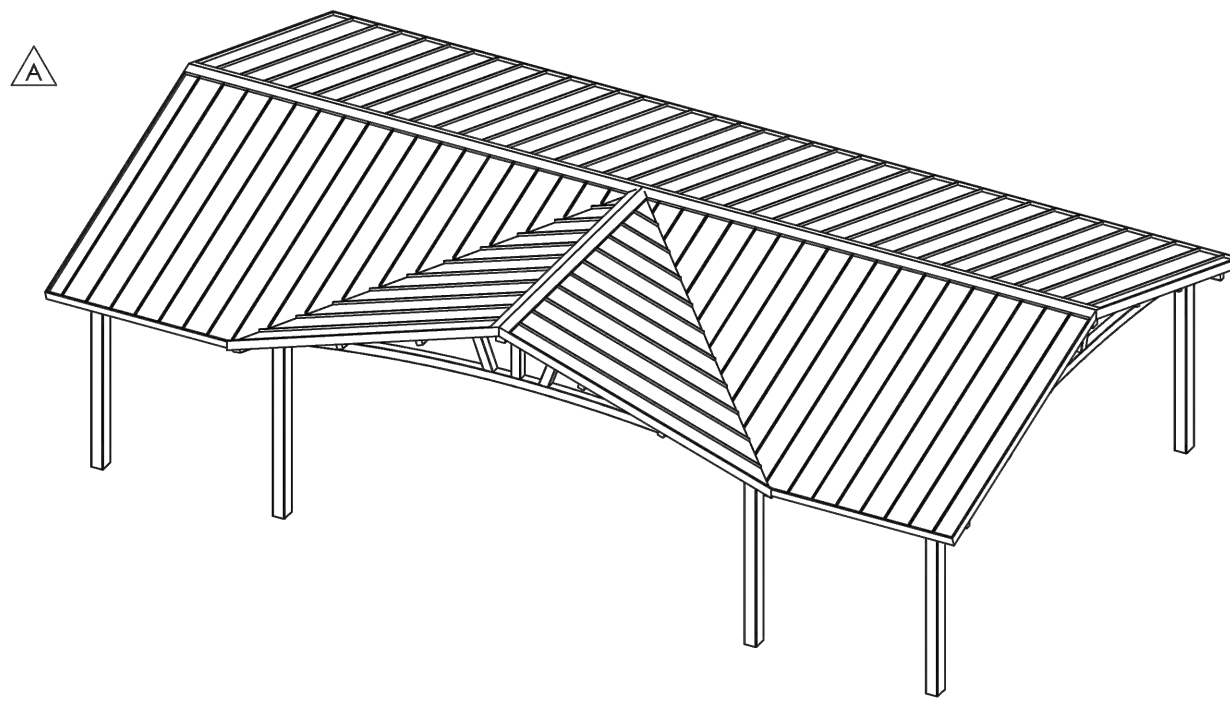


PROJECT: MID AMERICA PARK
 LOCATION: Midwest City, OK
 BUILDING TYPE: GABLE 30X50
 ROOF TYPE: STANDING SEAM (24 GA) OVER STAINED T & G
 BUILDING NUMBER: P16573
 ORDER NUMBER: 75570
 QUOTE NUMBER: 4824R2

DRAWING LIST:

SHEET NUMBER	DRAWING DESCRIPTION
CS	COVER SHEET
1	ARCHITECTURAL ELEVATIONS
2	STRUCTURAL FRAMING PLAN
3	COLUMN LAYOUT

REV.	DESCRIPTION	BY	DATE
A	REVISED TO 10' MCH, CHANGED FINISH GRADE TO "VARIES", UPDATED TO STGSS ROOF	CL	1/18/2024



CERTIFICATES:
 MIAMI-DADE COUNTY CERTIFICATE OF COMPETENCY NO. 21-0819.13
 PCI (POWDER COATING INSTITUTE) 4000 CERTIFIED

FABRICATOR APPROVALS:
 CITY OF PHOENIX, AZ APPROVED FABRICATOR #C08-2010
 CITY OF LOS ANGELES, CA APPROVED FABRICATOR #B015986
 CITY OF RIVERSIDE, CA APPROVED FABRICATOR #SF-000042
 CITY OF HOUSTON, TX APPROVED FABRICATOR #470
 CLARK COUNTY, NV APPROVED FABRICATOR #284
 STATE OF UTAH APPROVED FABRICATOR 0208-14
 AISC APPROVED FABRICATOR C-00018751

MATERIALS:

DESCRIPTION	ASTM DESIGNATION
TUBE STEEL	A500 (GRADE B)
SCHEDULE PIPE	A53 (GRADE B)
RIMT PIPE	A519
LIGHT GAGE COLD FORMED STRUCTURAL STEEL PLATE	A1003 (GRADE 50)
ROOF PANELS (STEEL)	A58 A653



GENERAL NOTES:
 UNLESS NOTED OTHERWISE, THIS STRUCTURE WAS DESIGNED TO ONLY SUPPORT WHAT IS SHOWN ON THESE DRAWINGS. THE MANUFACTURER MUST BE CONTACTED IF ANYTHING ELSE IS TO BE ATTACHED TO THIS STRUCTURE (WALLS, COLUMN WRAPS, RAILINGS, ETC.) SO THE DESIGN OF THIS STRUCTURE CAN BE REVIEWED AND POSSIBLY REVISED.

UNLESS NOTED OTHERWISE, THIS STRUCTURE WAS DESIGNED ASSUMING A 20' SEPARATION BETWEEN ANY ADJACENT STRUCTURE WITH AN EAVE HEIGHT EQUAL TO OR GREATER THAN THE EAVE HEIGHT OF THIS STRUCTURE. IF THAT SEPARATION DOES NOT EXIST, THE MANUFACTURER MUST BE CONTACTED SO THE DESIGN OF THIS STRUCTURE CAN BE REVIEWED AND POSSIBLY REVISED.

STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) SPECIFICATION MANUAL.

ALL WELDING IS PERFORMED BY AMERICAN WELDING SOCIETY (AWS) CERTIFIED WELDERS AND CONFORMS TO THE LATEST EDITION OF AWS D1.1 OR D1.3 AS REQUIRED.

PARTS SHOWN MAY BE UPGRADED DUE TO STANDARDIZED FABRICATION. REFER TO THE SHIPPING BILL OF MATERIALS FOR POSSIBLE SUBSTITUTIONS.

FOR PROPER FIELD INSTALLATION OF THE BUILDING IT IS RECOMMENDED THAT THE PRIMARY FRAME INSTALLER AND THE ROOF INSTALLER HAVE A MINIMUM FIVE (5) YEARS DOCUMENTED EXPERIENCE INSTALLING THIS TYPE OF PRODUCT.

FOR PROPER FIELD INSTALLATION OF THE BUILDING IT IS RECOMMENDED THAT ELECTRIC WIRING, IF REQUIRED, BE RUN THROUGHOUT THE STRUCTURAL MEMBERS BEFORE THE BUILDING IS ERECTED.

STOP!!
 NOT FOR CONSTRUCTION
 USE FOR PRELIMINARY PLANNING AND ESTIMATING ONLY

PROJECT: MID AMERICA PARK
 PROJECT LOCATION: Midwest City, OK
 SHEET: COVER SHEET

DATE: 1/22/2024
 DRAWN BY: CHRIS.LISC
 SCALE: 1:125
 PROJECT NO: P16573
 SHEET: CS

www.poligon.com
 PORTER CORP.
 FIELD SUPPORT: (818) 888-8808

GENERAL ROOF NOTES:

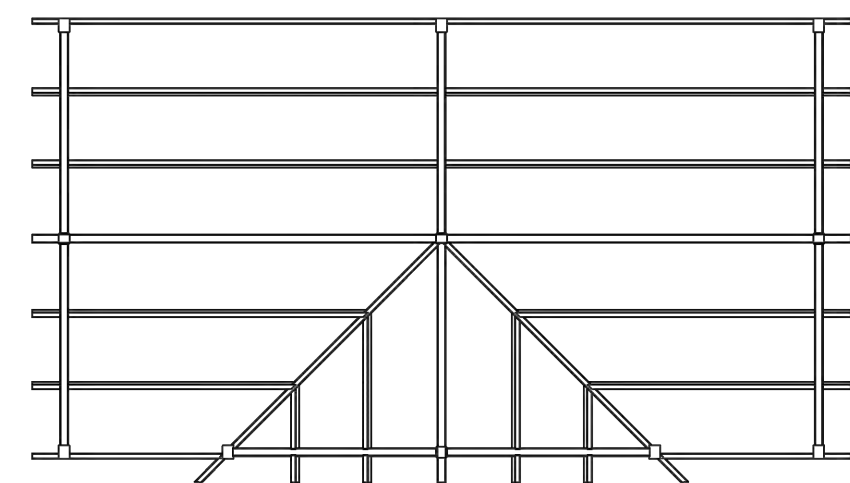
- METAL ROOFING:
 - 24 GAUGE
 - GALVALUME COATED
 - KYNAR 500 PAINTED
 - TRIM COLOR MATCHES ROOF
- SEE POLYGON.COM FOR COLOR OPTIONS

STOP!!
 NOT FOR CONSTRUCTION
 USE FOR PRELIMINARY PLANNING AND ESTIMATING ONLY

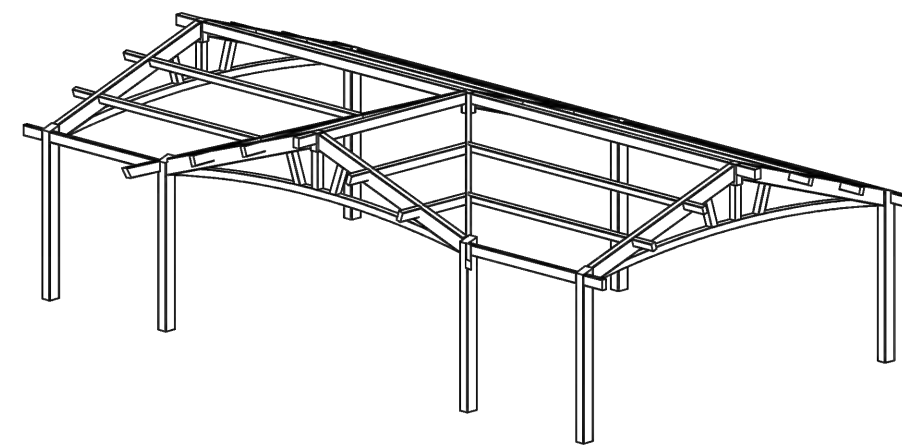
PROJECT: MID AMERICA PARK
 PROJECT LOCATION: Midwest City, OK
 SHEET: ARCHITECTURAL ELEVATIONS

DATE: 1/22/2024
 DRAWN BY: CHRIS.LISC
 SCALE: 1:125
 PROJECT NO: P16573
 SHEET: 1

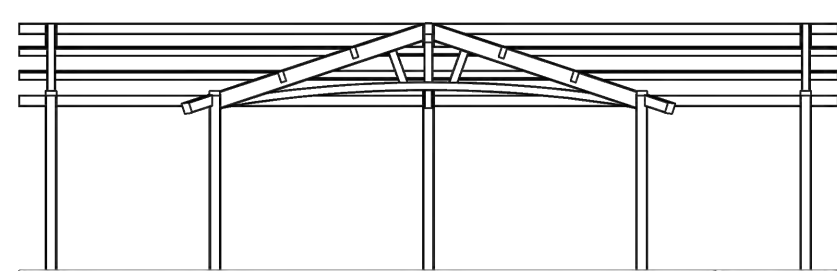
www.poligon.com
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 FIELD SUPPORT: (818) 888-8808



TOP VIEW

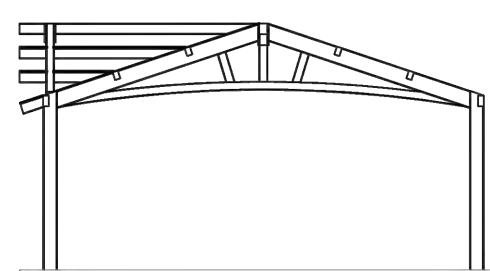


ISOMETRIC VIEW



FRONT VIEW

FINISH GRADE VARIES



SIDE VIEW

STOP!!
 NOT FOR CONSTRUCTION
 USE FOR PRELIMINARY PLANNING AND ESTIMATING ONLY

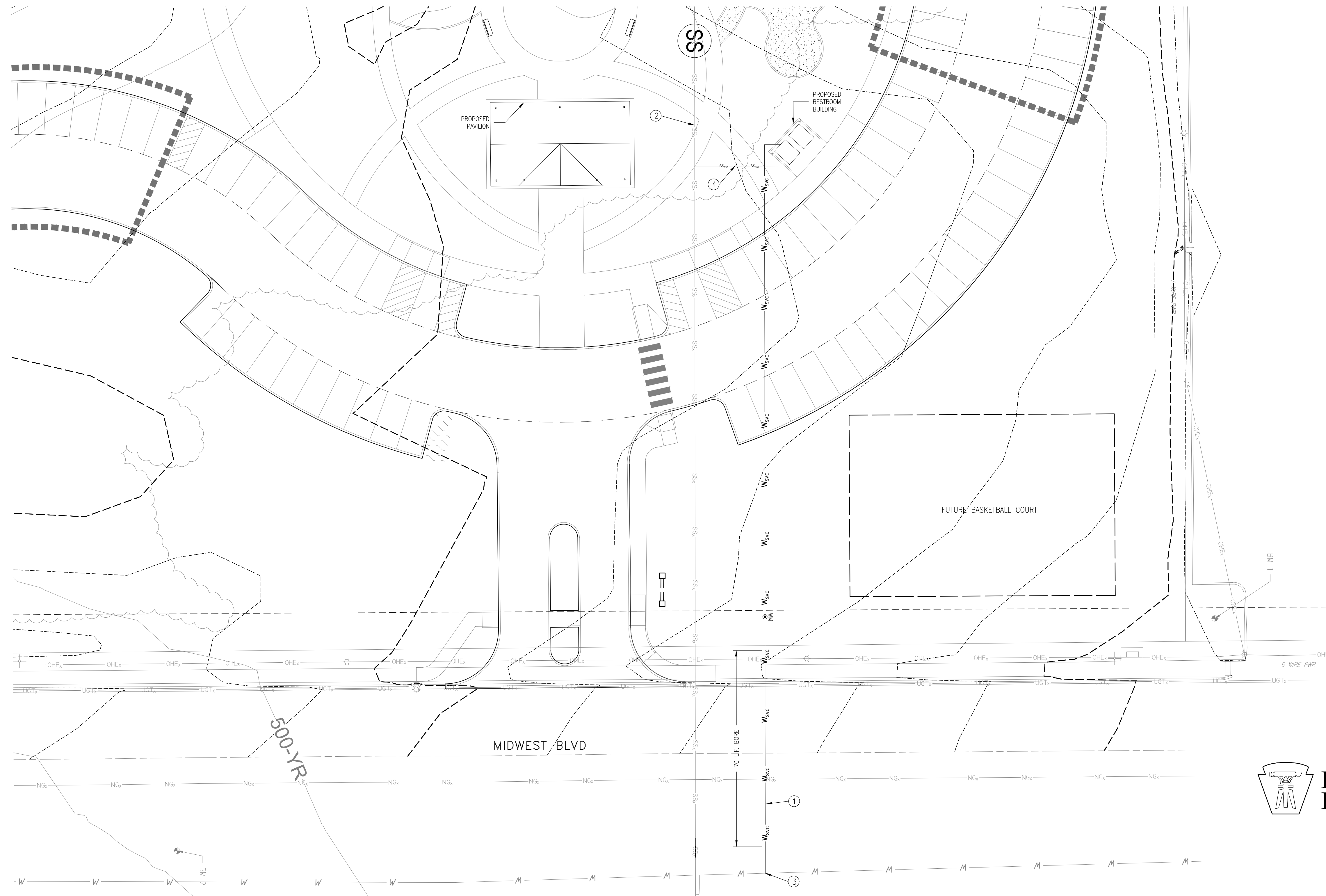
PROJECT: MID AMERICA PARK
 PROJECT LOCATION: Midwest City, OK
 SHEET: STRUCTURAL FRAMING PLAN

DATE: 1/22/2024
 DRAWN BY: CHRIS.LISC
 SCALE: 1:125
 PROJECT NO: P16573
 SHEET: 2

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 PORTER CORP.
 FIELD SUPPORT: (818) 888-8808

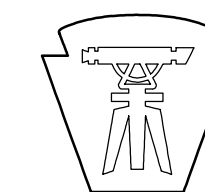
PAVILION DETAILS (1)

PROJECT: MID-AMERICA PARK PHASE 1 IMPROVEMENTS			
OWNER/DEVELOPER: CITY OF MIDWEST CITY 100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293			
PLANS AND ESTIMATES PREPARED BY: R. L. SHEARS COMPANY, P.C. 1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612			
PLAN SCALE:	DRAWN	AAW	05/24
	DESIGNED	RLS	05/24
	SURVEY		
PROFILE SCALE:	FIELD MNGR.		
HORIZONTAL:	SECT. MNGR.		
	PROJ. MNGR.		
VERTICAL:	RECOMMENDED:		
	DEPUTY DIRECTOR		
FILE:	DRAWING:		DATE 05/07/24
			SHEET 32 OF 37 SHEETS



KEY NOTES

- ① 1" WATER SERVICE LINE, PVC, DR18, AND 1" WATER METER
- ② REBUILT 18" SANITARY SEWER (SEE SHEET 35)
- ③ 1" TAPPING VALVE AND 12" TAPPING SADDLE 23.6 L.F. NORTH OF EXISTING FIRE HYDRANT
- ④ 4" SANITARY SEWER SERVICE LINE, SCH PVC40



**BANCROFT
DESIGN**

923 SOUTH LOWRY STREET
POST OFFICE BOX 436
STILLWATER, OK 74076
(405) 743-3355
CA# 9205 EXP: 6/30/2024

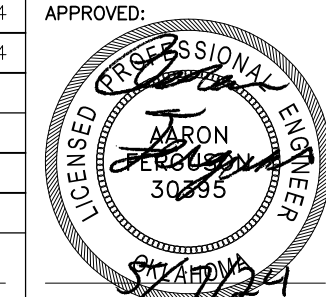
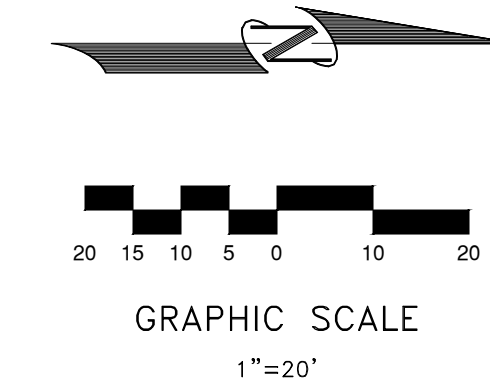
UTILITY CONNECTIONS

PROJECT:
MID-AMERICA PARK
PHASE 1 IMPROVEMENTS

OWNER/DEVELOPER:
CITY OF MIDWEST CITY
100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293

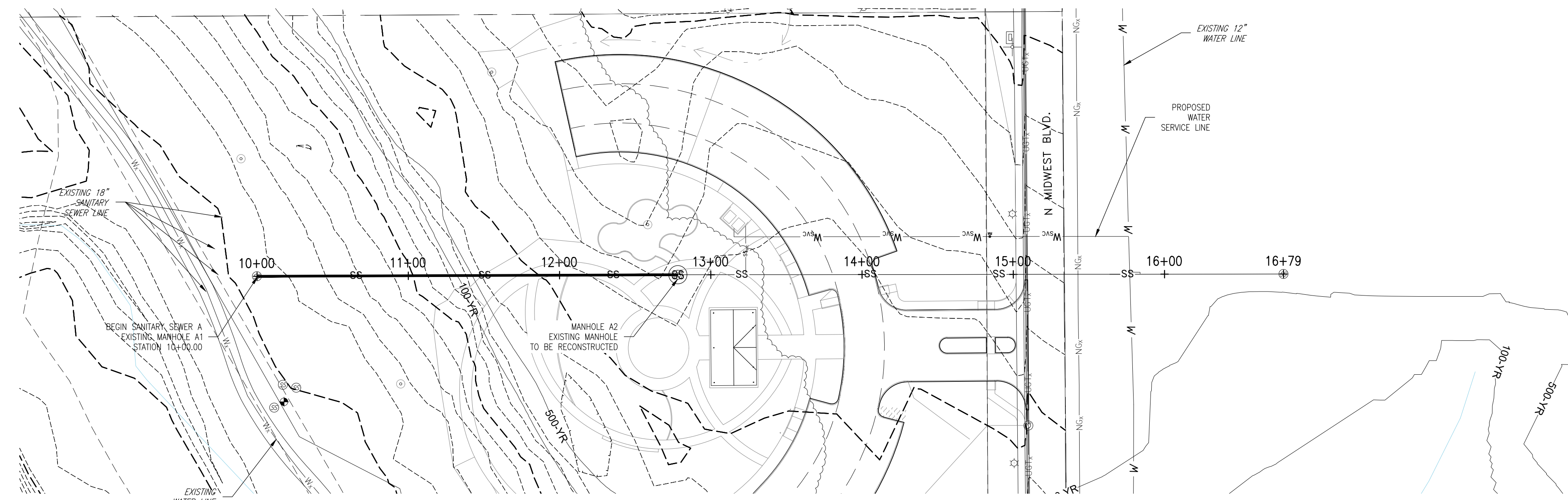
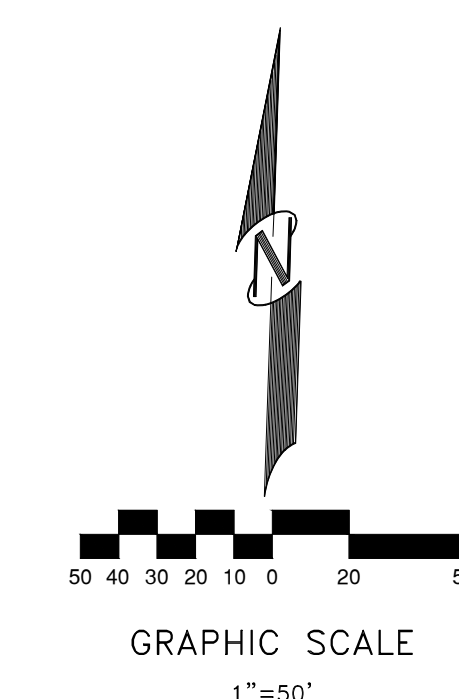
PLANS AND ESTIMATES PREPARED BY:
R. L. SHEARS COMPANY, P.C.
1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612

REVISION	BY	DATE
-	-	-
-	-	-
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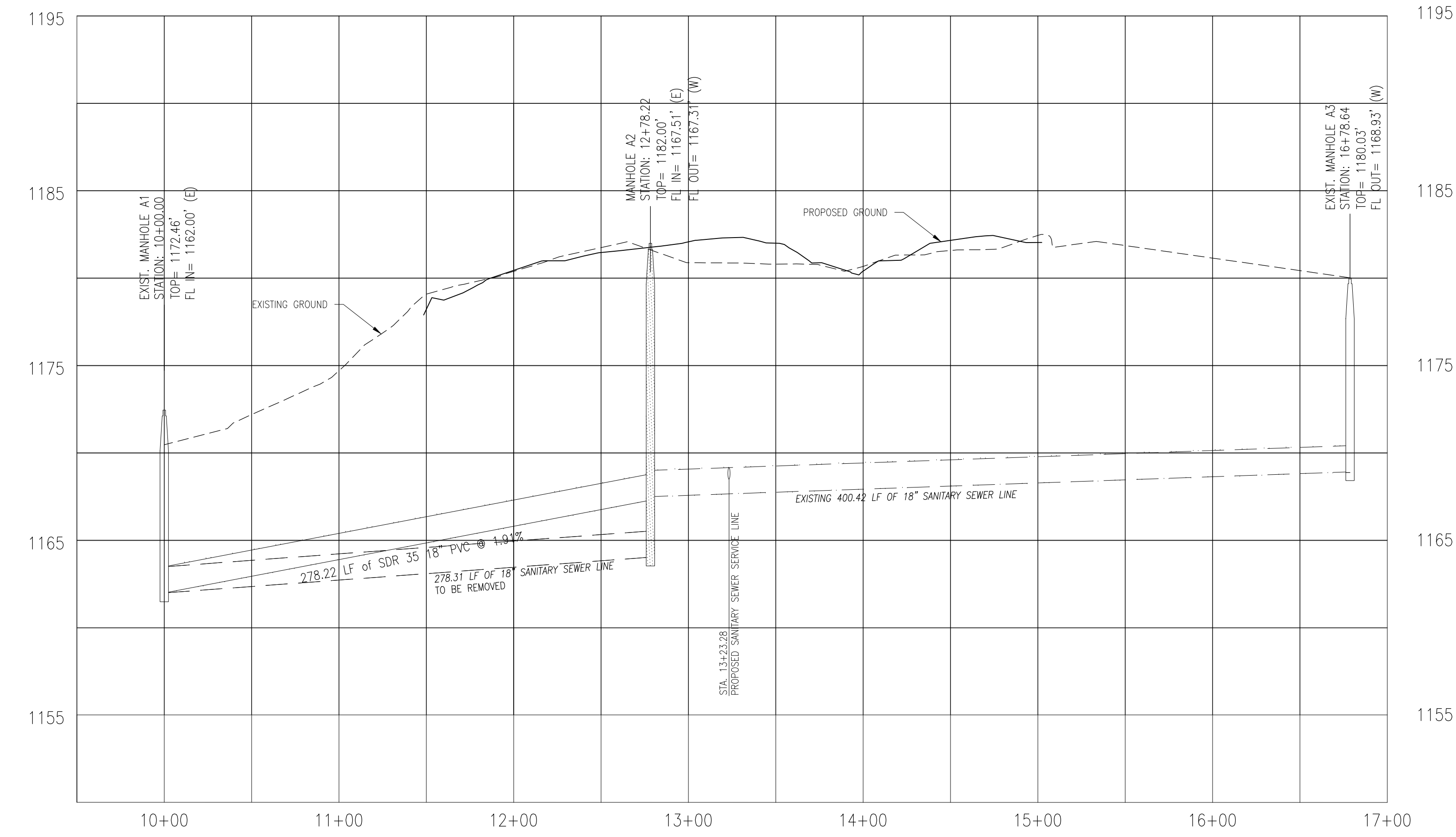


BENCHMARK

- 1/2" REBAR W/CAP; NORTHING=176344.2058'; EASTING=2150490.2522'; ELEVATION= 1186.33'
- 1/2" REBAR W/CAP; NORTHING= 175972.6479' EASTING=2150573.4075'; ELEVATION=1178.96'
- 1/2" REBAR W/CAP; NORTHING=175630.1544'; EASTING=2150580.3094'; ELEVATION=1176.57'

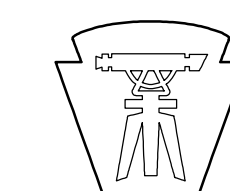


SANITARY SEWER LINE A



NOTES

1. MANHOLE A2 TO BE RECONSTRUCTED IN PLACE WITH CONCRETE RISERS.
2. MANHOLE A2 TO USE STEEL/IRON SEALING MANHOLE LID AND RING. USE BASS AND HAYS FOUNDRY 300-24P SEWER LID OR EQUIVALENT.
3. CONTRACTOR TO SEQUENCE CONSTRUCTION TO AVOID INTERRUPTION OF SANITARY SERVICE TO SURROUNDING AREAS.
4. EXISTING SEWER LINE BETWEEN MANHOLES A2 AND A3 TO REMAIN IN PLACE.



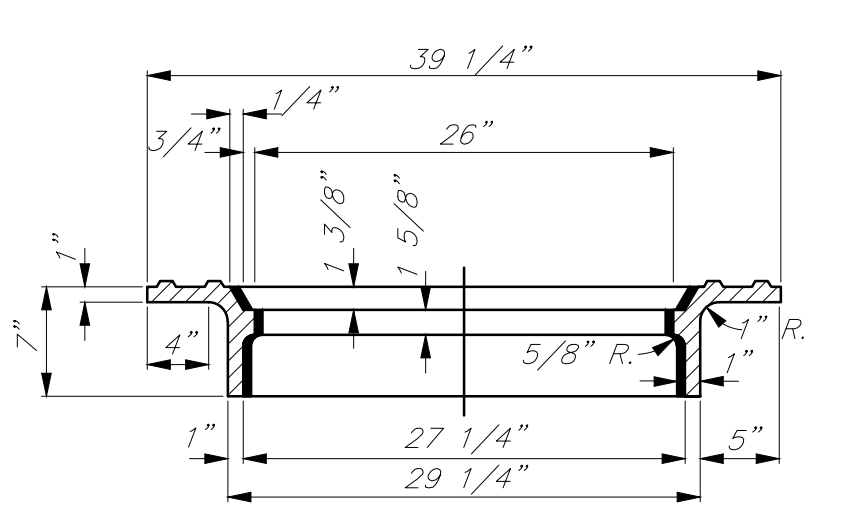
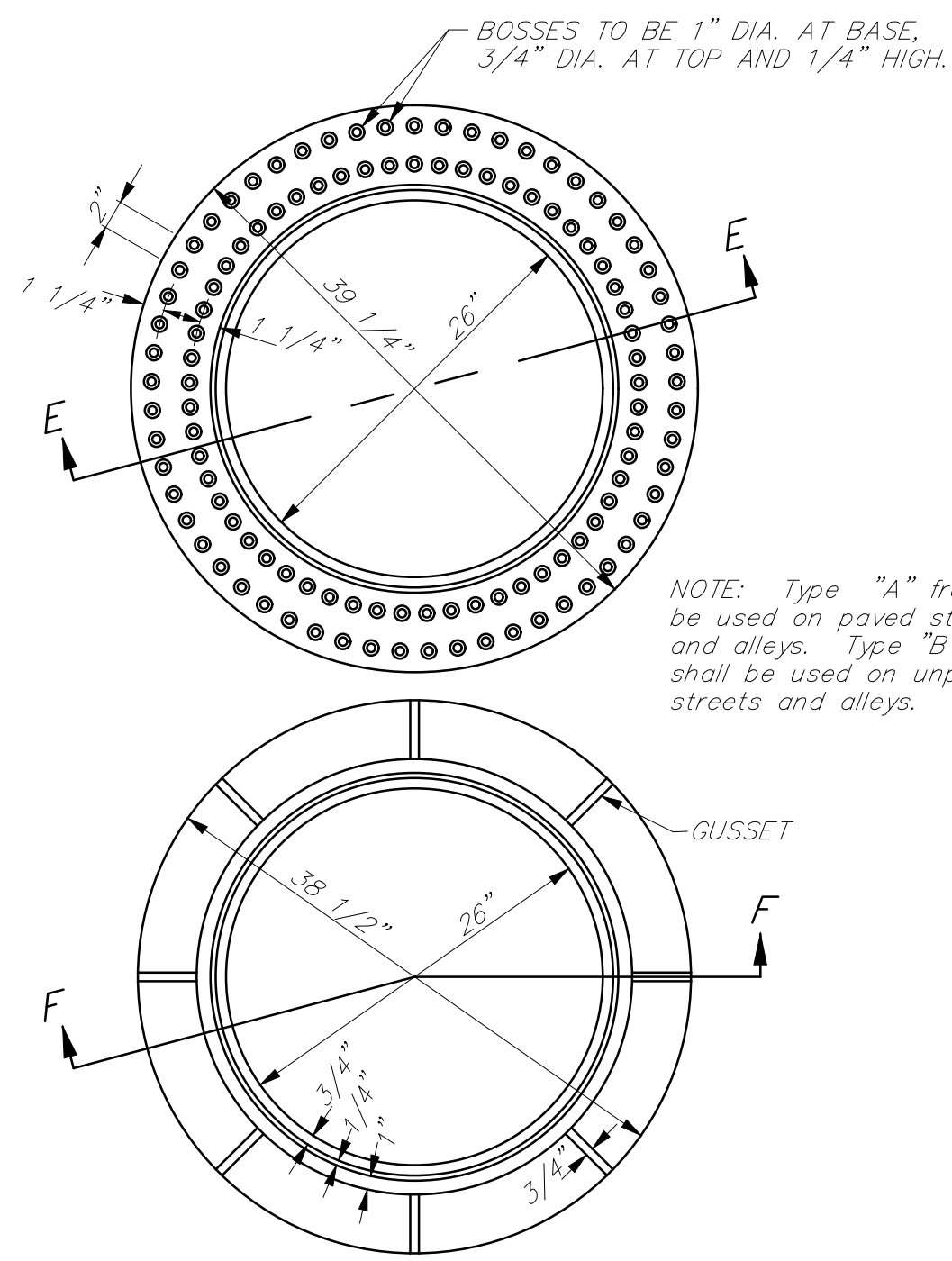
BANCROFT DESIGN
 923 SOUTH LOWRY STREET
 POST OFFICE BOX 436
 STILLWATER, OK 74076
 (405) 743-3355
 CA# 9205 EXP: 6/30/2024

SANITARY SEWER PLAN AND PROFILE
 PROJECT: MID-AMERICA PARK PHASE 1 IMPROVEMENTS
 OWNER/DEVELOPER: CITY OF MIDWEST CITY
 100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293
 PLANS AND ESTIMATES PREPARED BY: **R. L. SHEARS COMPANY, P.C.**
 1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612

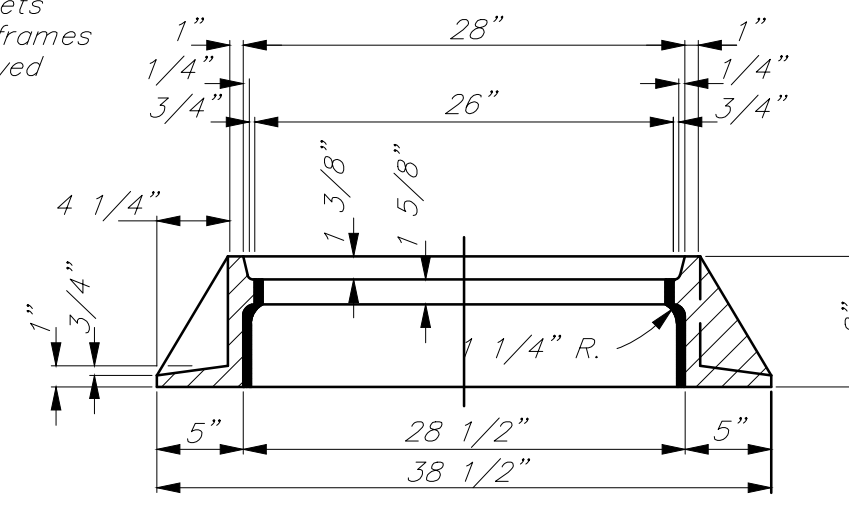
REVISION	BY	DATE	DESIGNED	A.J.F	01/24	APPROVED:
-	-	-	SURVEY	RUS	01/24	
-	-	-	PROFILE SCALE:			
-	-	-	HORIZONTAL:			
-	-	-	VERTICAL:			
-	-	-	FILE:			DATE 02/01/24
-	-	-	ATLAS PAGE NO: XXXX			SHEET 35 OF 37 SHEETS

G:\Civil 3D Projects\Mid America Park 109518\03_DWG\01_Sheets\C104.dwg, 5/07/2024 - 1:55 PM





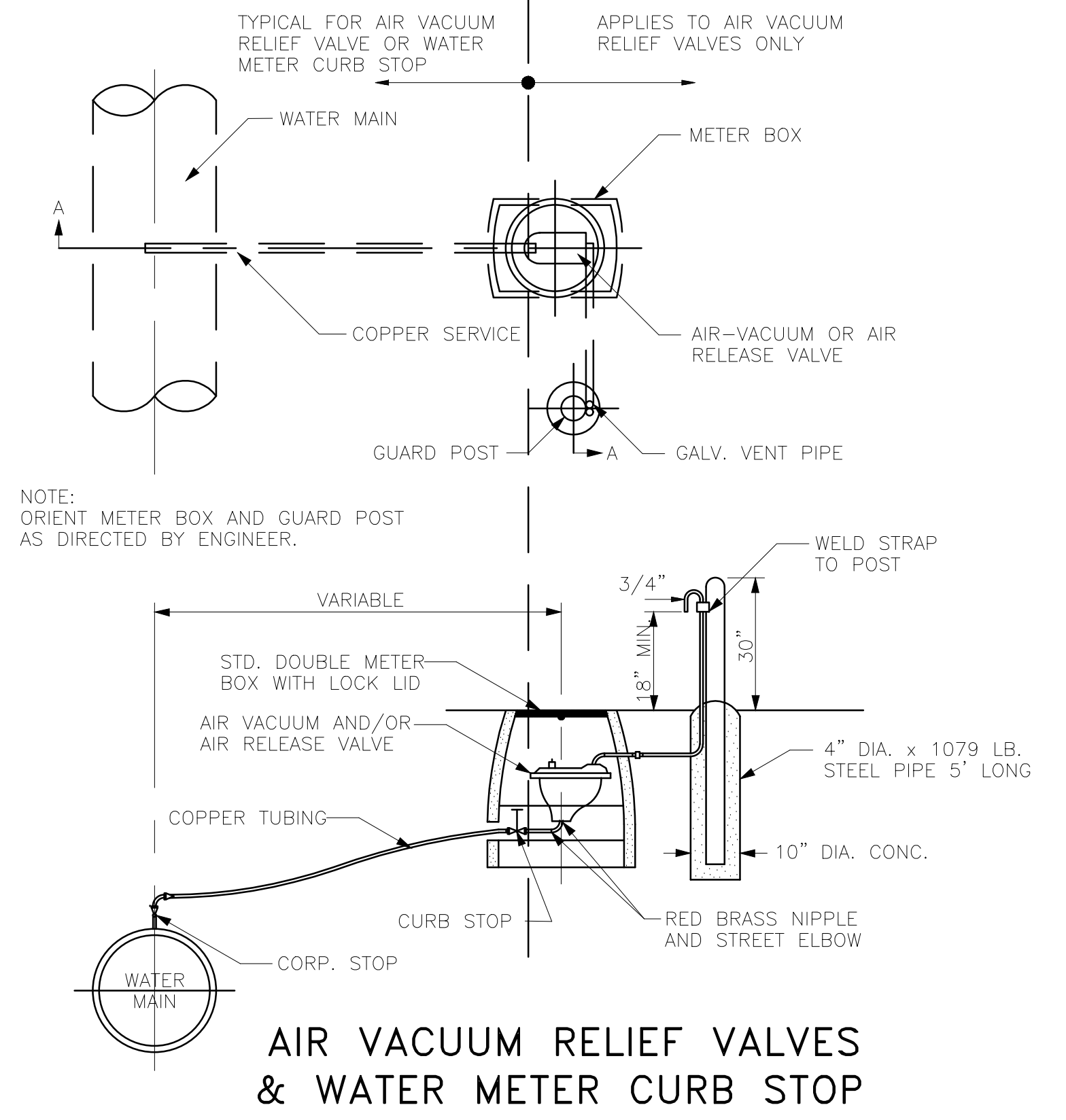
SECTION E-E
STANDARD FRAME
TYPE B



SECTION F-F
STANDARD FRAME
TYPE A

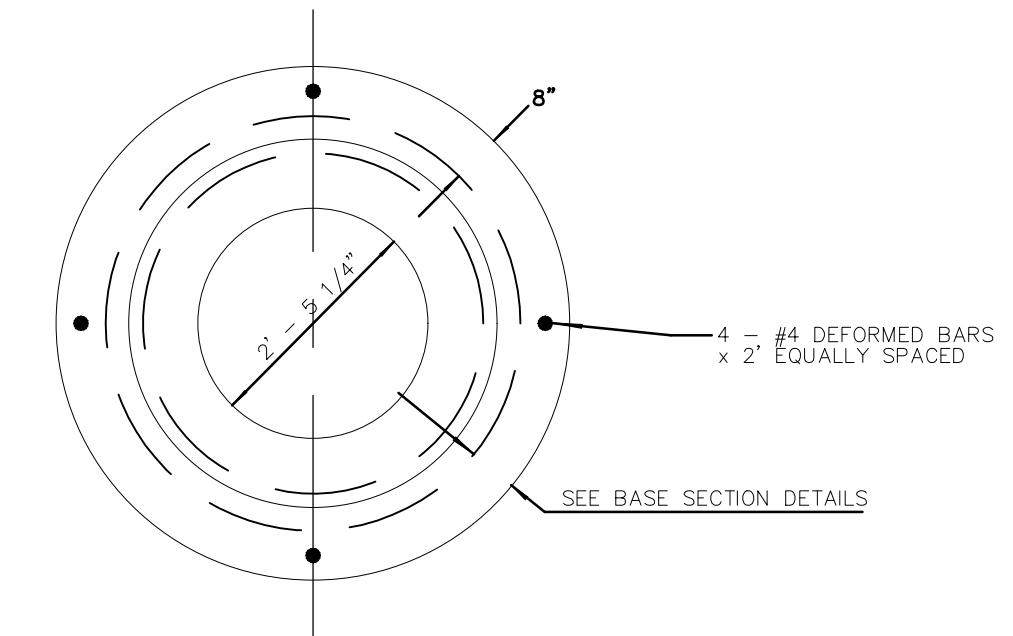
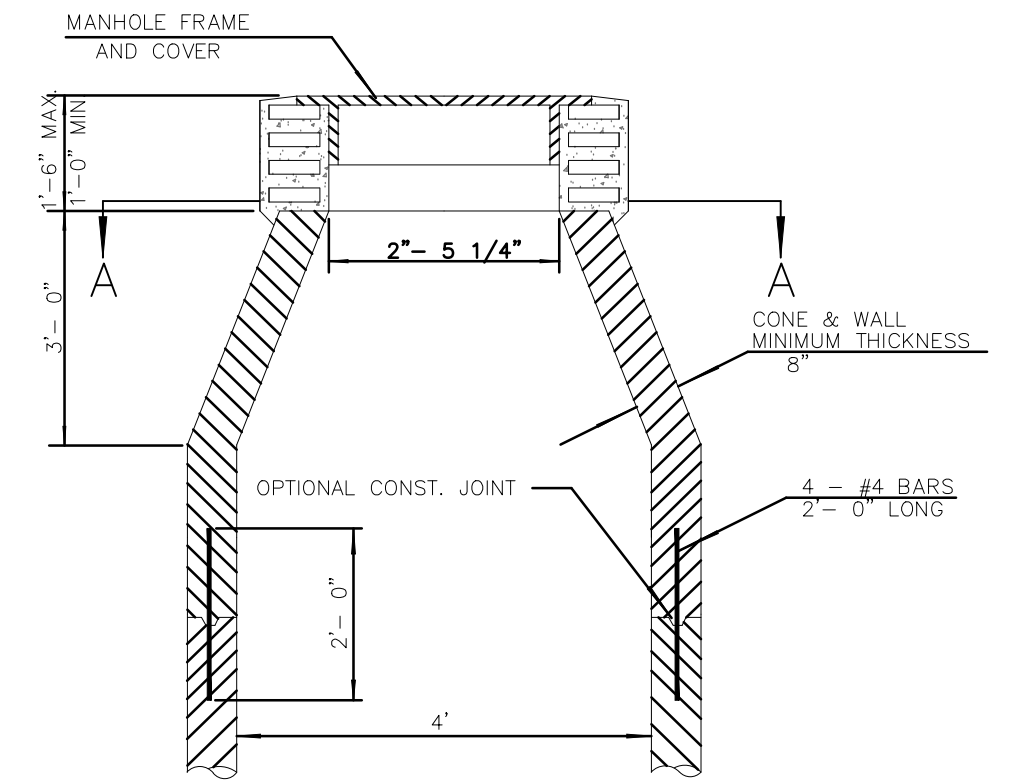
NOTE: Type "A" frames shall be used on paved streets and alleys. Type "B" frames shall be used on unpaved streets and alleys.

STANDARD
MANHOLE FRAMES

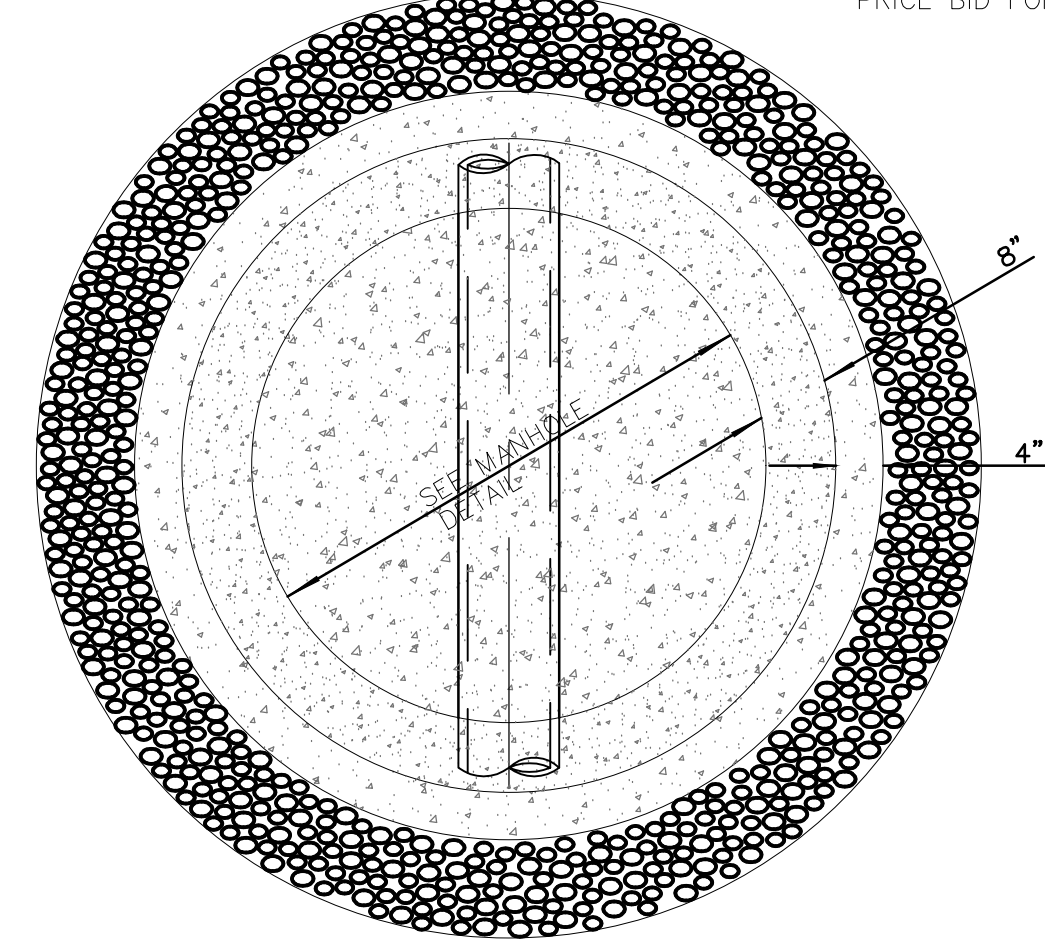
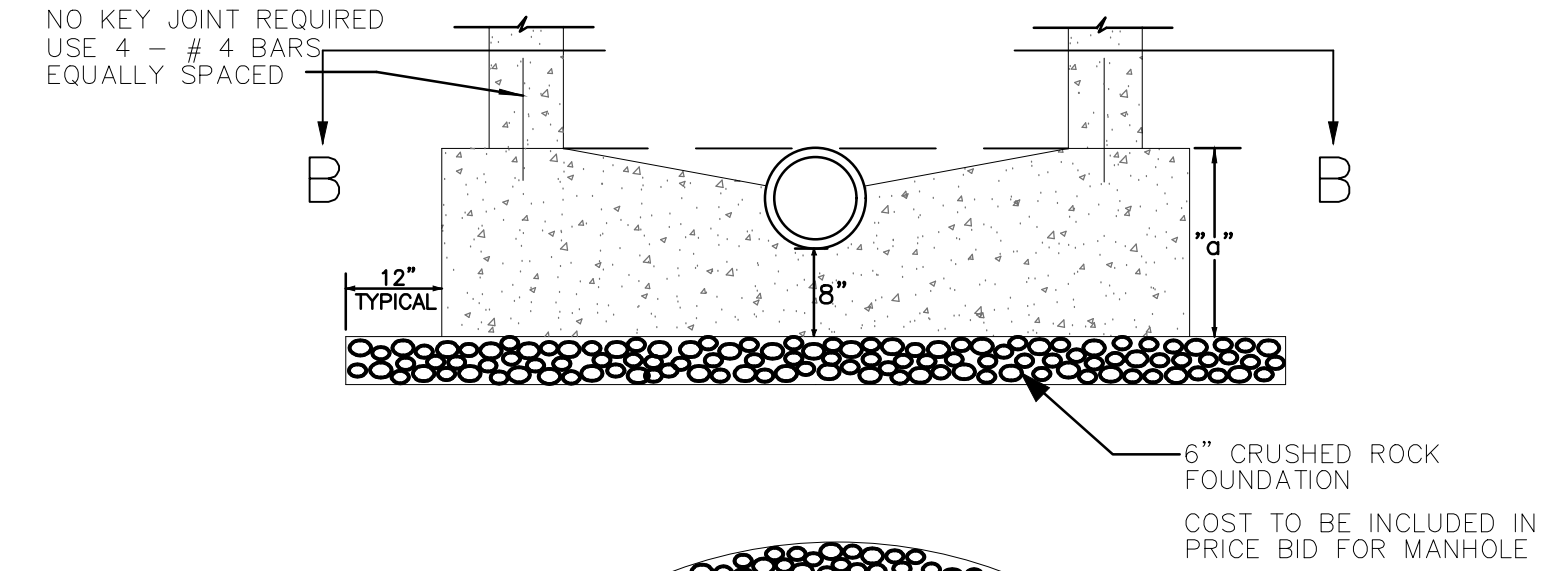


NOTE: ORIENT METER BOX AND GUARD POST AS DIRECTED BY ENGINEER.

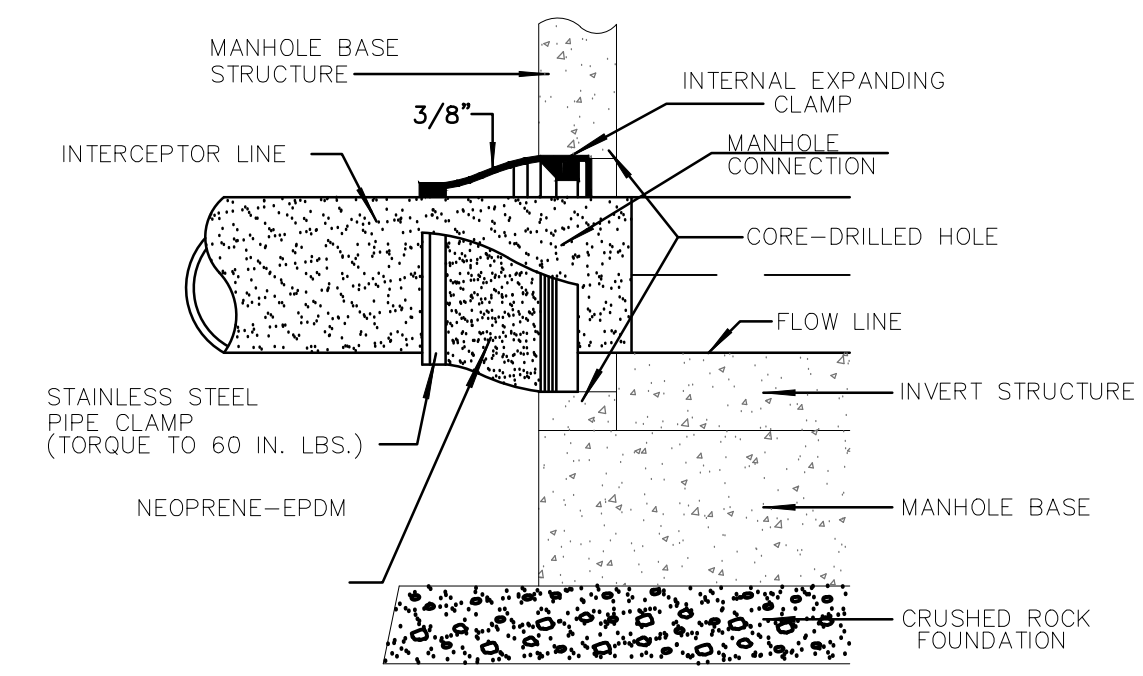
AIR VACUUM RELIEF VALVES
& WATER METER CURB STOP



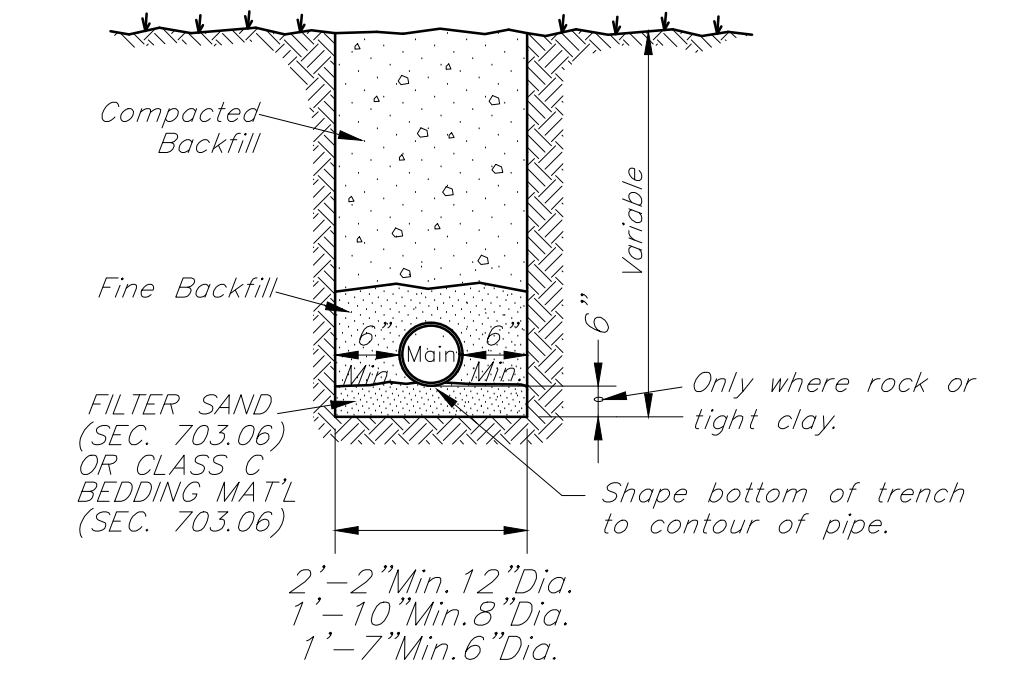
SECTION A - A
MANHOLE DETAIL



SECTION B-B
STANDARD DETAIL FOR
MANHOLE BASE SECTION



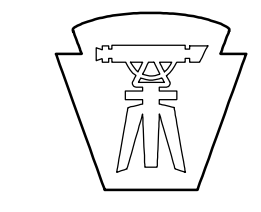
MANHOLE-PIPE CONNECTION



TYPICAL TRENCH SECTION

GENERAL NOTES

1. Castings shall conform to the A.S.T.M. Specifications for Gray-Iron Castings, Serial Designation A 48-29
2. When each cover is placed in any position in its associated frame, the side play in any direction shall not exceed one-eighth (1/8") inch.
3. No wording or marking of any kind, other than those shown on the plan, will be permitted on these castings.



BANCROFT DESIGN
923 SOUTH LOWRY STREET
POST OFFICE BOX 436
STILLWATER, OK 74076
(405) 743-3355
CA# 9205 EXP: 6/30/2024

CIVIL DETAILS

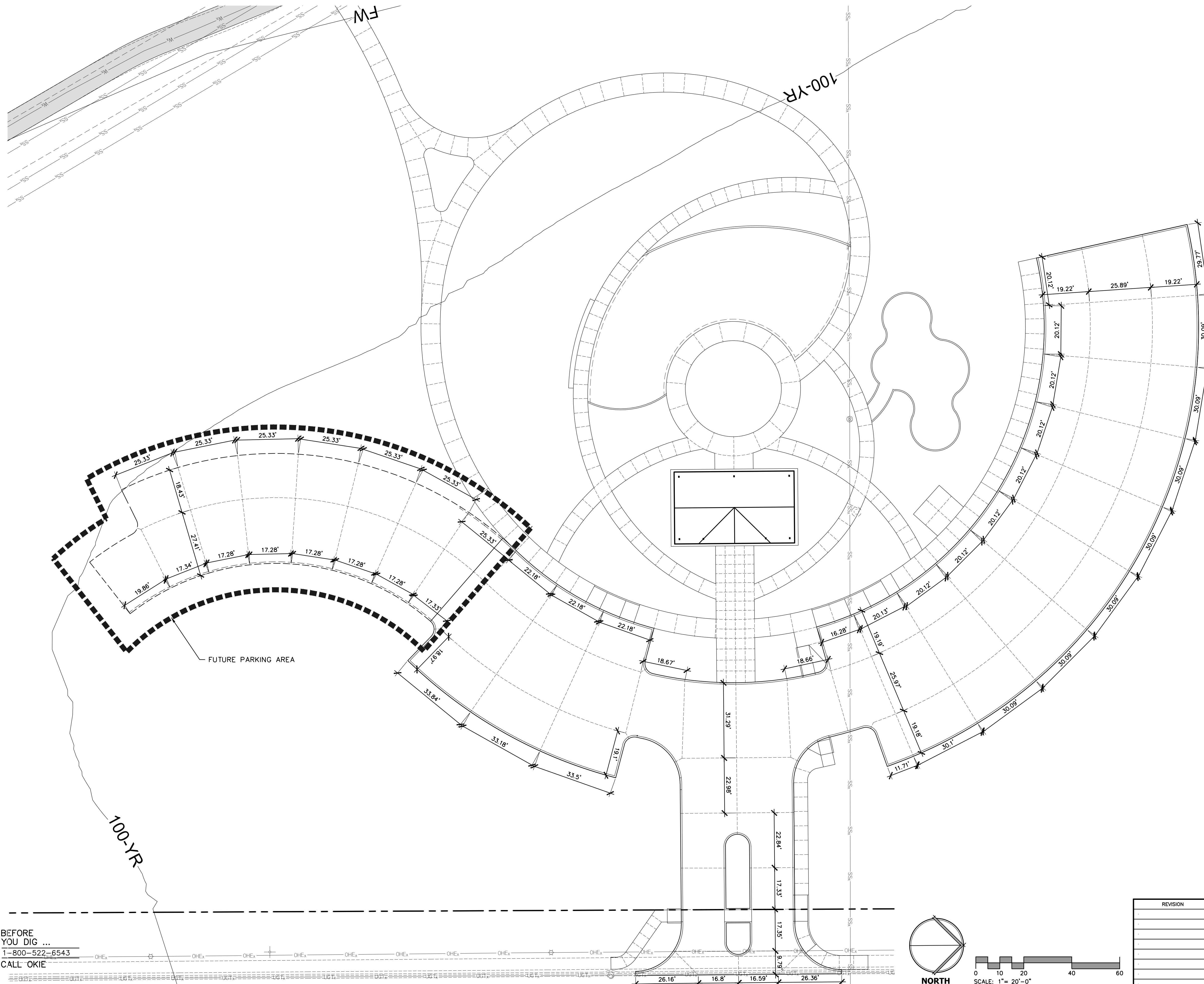
PROJECT:
MID-AMERICA PARK
PHASE 1 IMPROVEMENTS

OWNER/DEVELOPER:
CITY OF MIDWEST CITY
100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293

PLANS AND ESTIMATES PREPARED BY:
R. L. SHEARS COMPANY, P.C.
1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612

REVISION	BY	DATE	PLAN SCALE:	DRAWN	DATE	APPROVED:
-	-	-	N/A	AJF	01/24	
-	-	-	DESIGNED	AJF	01/24	
-	-	-	SURVEY	-	-	
-	-	-	PROFILE SCALE:	-	-	
-	-	-	HORIZONTAL:	-	-	
-	-	-	VERTICAL:	-	-	
-	-	-	FILE:	-	-	
-	-	-	ATLAS PAGE NO:	XXXX	-	DATE: 02/01/24
-	-	-	-	-	-	SHEET 36 OF 37 SHEETS





PARKING PAVEMENT JOINT LAYOUT PLAN

PROJECT:
**MID-AMERICA PARK
 PHASE 1 IMPROVEMENTS**

OWNER/DEVELOPER:
CITY OF MIDWEST CITY
 100 N MIDWEST BLVD. MIDWEST CITY, OK 73110 405-739-1293

PLANS AND ESTIMATES PREPARED BY:
R. L. SHEARS COMPANY, P.C.
 1522 S. CARSON AVE. TULSA, OK. 74119 918-582-0612

PLAN SCALE:	DRAWN	AAW	05/24	APPROVED:
1"=20'	DESIGNED	RLS	05/24	
	SURVEY			
PROFILE SCALE:	FIELD MNGR.			
HORIZONTAL:	SECT. MNGR.			
	PROJ. MNGR.			
VERTICAL:	RECOMMENDED:			
	DEPUTY DIRECTOR			
FILE:	DRAWING:			DATE 05/07/2024
ATLAS PAGE NO: XXXX				SHEET 37 OF 37 SHEETS

REVISION	BY	DATE

