verdantas

To: All Plan Holders of Record

From: Verdantas LLC For the Owner

Re: Addendum No. 2 Civic Center Park Improvements City of Mentor

Date: May 7, 2025

This Addendum forms a part of the contract documents and modifies the original bidding documents dated April 2025 and all previous addenda, if any. Acknowledge receipt of this addendum in the space provided in the bid forms. Failure to do so may subject the bidder to disqualification.

BID OPENING DATE

The date of receiving and opening bids shall be changed from May 9, 2025to May 23, 2025. The time and place shall remain the same. See attached Advertisement for Bids.

BID DOCUMENTS

Replace Prices to Include, Pages BD.15 to BD.22, with the enclosed Prices to Include, Pages BD.15A to BD.22A.

BID FORMS

Replace Bid Form, Pages BF.10 to BF.12, with the enclosed Bid Form, Pages BF.10A to BF.12A.

PLANS

Replace plan sheet 3 of 31 with the enclosed Revised plan sheet 3 of 31.

Replace plan sheets **8 of 31 through sheet 16 of 31** with the enclosed Revised plan sheets **8 of 31 through sheet 16 of 31**. Proposed pavement slopes and grades in parking lot and drive lanes have been revised. Earthwork quantities remain the same. Various proposed storm sewers and structure rims, inverts and slopes revised to accommodate the revised grading.

Replace plan sheet 18 of 31 with the enclosed Revised plan sheet 18 of 31.

Replace plan sheets **23 of 31 through sheet 24 of 31** with the enclosed Revisedplan sheets **23 of 31 through sheet 24 of 31**.

LH/RW:mep

Enclosures

ADVERTISEMENT FOR BIDS/PUBLIC NOTICE TO BIDDERS

Sealed bids will be received at the office of the Purchasing Department, City of Mentor, 8500 Civic Center Boulevard, Mentor, Ohio 44060 until 12:30 p.m. on May 23, 2025 and will be opened and read immediately thereafter for the

CIVIC CENTER PARK IMPROVEMENTS

OPINION OF PROBABLE CONSTRUCTION COST: \$2,350,000.00

COMPLETION DATES:

GRADING, EARTHWORK, STORM SEWER, AND PAVING - SEPTEMBER 5, 2025

BASKETBALL AND PICKLE BALL COURTS COATING AND COURT FEATURES AND SEEDING - NOVEMBER 14, 2025

The bid specifications, drawings, plan holders list, addenda, and other bid information (**but not the bid forms**) may be viewed and/or downloaded for free via the internet at <u>https://bids.verdantas.com</u>. The bidder shall be responsible to check for Addenda and obtain same from the web site.

Bids must be in accordance with drawings and specifications and on forms available from Verdantas at a non-refundable cost of One Hundred Seventy Five Dollars (\$175.00) for hard copies and \$45.00 for electronic files. Documents may be ordered by registering and paying online at https://bids.verdantas.com Please contact planroom@verdantas.com or call (440) 530-2351 if you encounter any problems viewing, registering or paying for the documents.

Publish: *The News Herald* May 9, 2025 May 16, 2025

2.15 (607) FENCE, MISC: TEMPORARY SAFETY FENCE – 6' CHAIN LINK

Method of Measurement

The quantity to be paid shall be the number of linear feet of fence installed. The work and method of construction shall be in accordance with ODOT 607 and shall include the installation of temporary fence as indicated on the construction drawings.

Basis of Payment

The payment shall include all costs for labor, materials, tools and appurtenances necessary to install temporary construction fencing to keep the public out of the construction zone. Fence locations shall be coordinated with the City of Mentor. The payment shall include adjustment/relocation needed to the fence locations as construction progresses and/or if required by the City.

2.12 (608) CURB RAMP, AS PER PLAN (609) CURB, TYPE 6, AS PER PLAN

The work, method of construction and materials for concrete walk, curbs and concrete curb ramps shall conform to ODOT Items 609, 608, 452, 304, 203 and 202, except as modified herein or as shown on the contract drawings.

- A. ODOT Item 499 Concrete, QC 1 shall be used for walks, curb ramps and curbs.
- B. Each and every sidewalk and joint shall be edge tooled after texturing surface.
- C. ODOT 304 Aggregate Base, utilizing crushed limestone, shall be provided with these items.

Method of Measurement

The quantity to be paid of concrete walk, curb and concrete curb ramps, to the thickness and class of concrete specified shall be the each, actual square dimension, square feet or square yards as indicated in the Proposal of finished surface complete in place.

Basis of Payment

The unit price stipulated per linear foot, each, square foot or square yards (as indicated in the Proposal) for concrete walk and concrete curb ramps to the thickness and class of concrete specified shall be full compensation for furnishing all materials, grading, forming, finishing of the walk, curb ramp, truncated domes and pavement including removal and disposal of existing grass, sod, topsoil, bushes, trees, walk or pavement and curbs, necessary pavement saw cutting, clearing and grubbing, excavation and/or backfill to required line and grade, subgrade compaction as required, furnishing and installing subbase or base material, integral curbing, adjustment of water/gas service valves, concrete, curing compound, and expansion joint material; wire and/or

mesh reinforcing as required; furnishing of all labor, tools, materials and equipment necessary to complete the work as specified or as shown.

2.13 HORIZONTAL CURB CUT, AS PER PLAN

Method of Measurement

The quantity to be paid shall be the amount of linear feet installed per the plans and specifications measured.

Basis of Payment

The unit price shall include installation of proposed curb cuts, removal and disposal of cut materials and the furnishing of all labor, materials, tools and appurtenances necessary to complete the work as specified or as shown.

2.14 (611) CONDUIT TYPE B, AS PER PLAN, ALL SIZES (611) 6" CONDUIT TYPE B, PERFORATED, FRENCH DRAIN, AS PER PLAN

The work, method of construction and materials for sewer construction shall be in accordance with ODOT Item 611 with the modifications shown on the improvement plans and detailed in the specifications.

Method of Measurement

The quantity of sewer to be paid for shall be determined for gravity sewers by the linear feet difference in horizontal stationing between centerlines of as-built manholes and/or inlets, the existing sewer main or the end of pipe for stub connections.

Basis of Payment

The unit price stipulated per lineal foot for sewer pipe of the various sizes and types specified shall be irrespective of class of pipe and depth and if not called out as a separate pay item, shall be full compensation for installation of the pipe; earth and/or rock excavation for the pipe trench, including clearing and grubbing; removal of all materials necessary for placing the pipe, furnishing and placing granular or concrete bedding and special backfill as required, testing of compaction, cofferdams, cribs, sheeting and shoring; furnishing, installing and operating necessary pumps, pipes and appurtenances necessary for flow bypassing and/or trench dewatering; sealing or banding all pipe joints where required; furnishing and installing of the pipe jointing materials and all necessary plugs, bulkheads, bends, fittings, specials and branches of a type at least equal to the conduit of which it becomes part; furnishing and installing concrete encasements, protection, verification and/or replacement of all existing utilities, i.e., gas mains, gas connections, water mains (including hydrants and their connections to the main), water connections, sanitary sewers, sanitary connections, storm sewers, storm connections, curb drains, catch basins, culverts, signal poles; traffic signal pull boxes; traffic signal controllers; pedestrian signal poles; all underground traffic conduits; electric or telephone underground cables and/or underground connections if damaged by the Contractor; protection of existing trees or vegetation; joining of the pipe to existing and proposed manholes, catch basins, structures, and other appurtenances as required whether temporary or permanent; leakage testing or internal videotaping; disposal of all surplus and unsuitable materials; furnishing and installing temporary stone trench topping of pavement and driveways; removal and replacement of poles, posts, signs, mailboxes, paper boxes, fences, landscape timbers, guardrails, sign wiring, fixtures and other appurtenances; removal and replacement of any damaged curbing, sidewalk, driveways, parking lots and roadways as directed by the Engineer; and the furnishing of all labor, tools, materials and equipment necessary to complete the work as specified or as shown.

2.15 (611) CATCH BASIN (ALL SIZES AND TYPES) (611) STORM SEWER CLEAN OUT, AS PER PLAN

Method of Measurement

The quantity of each catch basin to be paid for shall be the actual number furnished and built in place in accordance with the contract drawings and with these specifications.

Basis of Payment

The unit price bid for catch basins shall include the furnishing and construction in place of the catch basins complete with excavation; backfill; frame and cover; steps; concrete; steel reinforcement; bricks; mortar; plastering; precast manhole sections; granular backfill under proposed or existing pavements, walks, drives, existing drainage structures, and disposal of all undesirable material; and the furnishing of all labor, materials, tools and appliances necessary to complete the work as specified or as shown. The unit price shall also include all sewer stubs, 2' sumps and plugs or connection of existing sewers to the drainage structure as indicated on the contract drawings or directed by the Engineer. Adjustments in final casting elevations of plus or minus one (1) foot shall be included in the unit price.

2.16 INLET, YARD DRAIN, AS PER PLAN

Method of Measurement

The quantity to be paid shall be the number of inlet yard drains, castings, and grates, installed per the plans and specifications.

Basis of Payment

The unit price shall include setting structures to proposed grades shown in plans, and the furnishing of all labor, materials, tools and appurtenances necessary to complete the work as specified or as shown.

2.17 (611) 48 INCH STORM MANHOLE, AS PER PLAN (611) STORM OUTLET CONTROL STRUCTURE, AS PER PLAN

Method of Measurement

The method of measurement shall be the number of each structure installed.

Basis of Payment

The unit price stipulated in the Proposal for the work specified shall be irrespective of depth of the structures and if not called out as a separate pay item, earth and/or rock excavation for the structure and foundation for same, including clearing and grubbing; removal of all materials necessary for placing the manholes, furnishing and placing granular or concrete bedding and special backfill as required, testing of compaction, sheeting and shoring; furnishing, installing and operating necessary pumps, pipes and appurtenances necessary for flow bypassing and/or trench dewatering; sealing or banding all pipe joints where required; furnishing and installing of the manholes, jointing materials and all necessary plugs, bulkheads, furnishing; protection, verification and/or replacement of all existing utilities, i.e., gas mains gas connections water mains (including hydrants and their connections to the main), water connections, sanitary sewers, sanitary connections, storm sewers, storm connections, curb drains, catch basins, culverts, electric or telephone underground cables and/or underground connections if damaged by the Contractor; joining of pipe to proposed manholes, and other appurtenances as required whether temporary or permanent; leakage testing; disposal of all surplus and unsuitable materials; furnishing and installing temporary stone trench topping of pavement; removal and replacement of any damaged curbing, sidewalk, driveways, parking lots and roadways as directed by the Engineer; and the furnishing of all labor, tools, materials and equipment necessary to complete the work as specified or as shown

2.18 (614) MAINTAINING TRAFFIC, AS PER PLAN

Method of Measurement

The work, method of construction and materials for maintaining traffic shall be in accordance with ODOT Item 614 and the Ohio Manual of Uniform Traffic Control Devices (OMUTCD);including but not limited to, the following: detour notifications; lane transitions, temporary pavement markings, barrels, modification of existing traffic signals including: phasing, timing and covering of signal heads; installation of temporary signal and detection; and temporary strain poles and hardware.

Basis of Payment

The lump sum price shall include all costs for labor, materials, tools and appurtenances necessary to complete the work as specified. Payment shall be made progressively throughout the contract period in proportion to the percentage of work complete or as otherwise approved by the Engineer.

2.19 (623) CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN

Basis of Payment

The lump sum (LS) price shall include all labor to provide construction layout staking, property pin monument documentation, as-build information and resetting disturbed property pins.

2.20 (624) MOBILIZATION

Basis of Payment

The basis of payment shall be as per ODOT 624. The lump sum price shall include all labor to transfer all equipment, materials, personnel, field offices, storage area, sanitary facilities, and incidentals to the project site as required to complete the project per plans and specifications and for demobilization.

2.21 (625) LIGHTING, MISC, AS PER PLAN

Method of Measurement

The lump sum price shall include all lighting related item as indicated to be installed per the plans and specifications.

Basis of Payment

The lump sum price shall include the furnishing of all labor, tools and appurtenances necessary to complete the work as specified or as shown. The contractor shall install light poles, base covers, arms and luminaires, foundations, foundations with bollards, distribution cables (all sizes), pole and bracket cable (all sizes), conduits (all sizes), trenches, backfill material, .ducts, concrete encasement, tracing wire, pull boxes, ground rods, connections to existing services, meters, panels, removal of existing poles and foundations, installation of luminaires on existing poles and the furnishing of all labor, tools, materials and equipment necessary to complete the work as specified or as shown. The contractor shall complete field installations, connections and testing of complete lighting system. Light poles and light fixtures will be provided by the City of Mentor.

2.22 (630) SIGN, FLAT SHEET, WITH MOUNTING POST

Method of Measurement

The quantity to be paid shall be the number of signs regardless of type, foundation, and mounting post installed per the plans and specifications.

Basis of Payment

The unit price shall include placement and installation of sign foundation, post, fasteners and traffic signs, ADA sign placard as indicated in the Contract Drawings, and the furnishing of all labor, materials, tools and appurtenances necessary to complete the work as specified or as shown.

2.23 (642) TRAFFIC PAINT, AS PER PLAN

Method of Measurement

The lump sum (LS) price shall include all labor to remove and replace traffic paint as indicated in plan. Materials for traffic paint shall be in accordance with ODOT Item 642 and per plan.

2.24 (651) TOPSOIL STOCKPILED, AS PER PLAN

Method of Measurement

The method of measurement shall be the number of cubic yards of topsoil stockpiled on site.

Basis of Payment

The unit price shall include all stripping of topsoil, stockpiling what is needed on site, including mobilization, clearing and grubbing, trucking, hauling, disposal the removal of all materials, clean up of public roads, seeding and mulching, erosion control and any work and material necessary to complete the work as specified or as shown.

2.25 (651) TOPSOIL REMOVED, AS PER PLAN

Method of Measurement

The method of measurement shall be the number of cubic yards of topsoil removed from the site and disposed off by the contractor.

Basis of Payment

The unit price shall include all stripping of topsoil, removing and disposing of the topsoil not needed on site, including mobilization, clearing and grubbing, trucking, hauling, disposal the removal of all materials, clean up of public roads, seeding and mulching, erosion control and any work and material necessary to complete the work as specified or as shown.

2.26 (652) PLACING STOCKPILED TOPSOIL, AS PER PLAN

Method of Measurement

The method of measurement shall be the number of cubic yards of topsoil spread on site. Basis of Payment

The unit price shall include all placing of topsoil, preparation of all areas where topsoil is to be placed, including mobilization, clean up of public roads, seeding and mulching, erosion control and any work and material necessary to complete the work as specified or as shown.

2.27 (659) SEEDING AND MULCHING, AS PER PLAN

Method of Measurement

The quantity to be paid shall be all areas designated within the project limits. Basis of Payment

The unit price shall include furnishing and placement of topsoil, testing of topsoil, finish grading, seed, fertilizers, lime, water, maintenance, mowing, and all else necessary to establish the seeding and vegetation in accordance with the Contract Drawings per ODOT Item 659.

2.28 (SPC) BASKETBALL COURTS, AS PER PLAN

Method of Measurement

The quantity to be paid shall be Lump Sum. The quantity to be paid shall be for the complete installation of two basketball courts including pavement, base materials, fencing, footers, posts, color coating, line striping as indicated in the plans.

Basis of Payment

The price shall include all costs for labor, materials, tools and appurtenances necessary to complete the work as specified and in accordance with manufacturer's recommendations. Price shall include all hardware, foundations required for the structure based on manufacturer recommendations. Foundation installation shall be into native material; not fill material. Cost shall include excavating through any fill material to install within native soils. Payment shall be made upon completion of the installation of courts.

2.29 (SPC) PICKLEBALL COURTS, AS PER PLAN

Method of Measurement

The quantity to be paid shall be Lump Sum. The quantity to be paid shall be for the complete installation of seven pickleball courts including pavement, base materials, fencing, gates, fence posts, footers, sleeves, nets, color coating, line striping as indicated in the plans.

Basis of Payment

The price shall include all costs for labor, materials, tools and appurtenances necessary to complete the work as specified and in accordance with manufacturer's recommendations. Price shall include all hardware, foundations required for the structure based on manufacturer recommendations. Foundation installation shall be into native material; not fill material. Cost shall include excavating though any fill material to install within native soils. Payment shall be made upon completion installation of courts.

2.30 TEMPORARY SEDIMENT AND EROSION CONTROL, AS PER PLAN

Method of Measurement

The quantity to be paid shall be a Lump Sum for implementation of the stormwater pollution prevention plan Best Management Practices (BMPs).

Basis of Payment

The lump sum price shall include all labor, equipment, and materials including but not limited to straw bales, filter socks, inlet protection, concrete washout pit, construction drive, silt fence, check dams, sediment traps, temporary outlet structure, skimmer and temporary seeding to provide sediment and erosion control commensurate with the Contractor's means, methods, work schedule, and in accordance with plan details and specifications.

2.31 (SPC) CONTINGENCY / DISCRETIONARY ALLOWANCE

Basis of Payment

A Contingency/Discretionary Allowance has been included in the bid proposal to be utilized as directed by the Engineer for unscheduled work items not included on the proposal forms or other changes in the work. Any portion of the allowance not utilized shall be credited to the Owner.

				TINI	TINIT	TOTAL	
REF. NO.	DESCRIPTION	QTY.	MEASURE UNITS	PRICE LABOR	PRICE MATERIAL	UNIT	ITEM TOTAL
1	(SPC) PRECONSTRUCTION VIDEO DOCUMENTATION	1.00	LS	\$	S	\$	\$
2	(SPC) BONDS AND INSURANCES, AS PER PLAN	1.00	LS	\$	S	\$	\$
3	(201) CLEARING AND GRUBBING	1.00	LS	\$	S	\$	\$
4	(202) STRUCTURE REMOVED, AS PER PLAN	1.00	LS	\$	S	\$	\$
5	(202) EXCAVATION AND REMOVAL OF EXISTING PAVEMENT, CURB, & BASE, AS PER PLAN	1.00	LS	S	S	\$	\$
9	(203) EXCAVATION, AS PER PLAN	6,250.00	СҮ	\$	\$	\$	\$
L	(203) REMOVAL OF EXCESS MATERIAL, AS PER PLAN	5,150.00	СҮ	\$	S	\$	\$
8	(203) EMBANKMENT, AS PER PLAN	1,850.00	СҮ	\$	S	\$	\$
6	(204) SUBGRADE COMPACTION	1,680.00	SY	\$	S	S	\$
10	(204) EXCAVATION OF SUBGRADE AND EMBANKMENT WITH GRANULAR	100.00	СҮ	\$	S	\$	\$
11	MATERIAL, CCS, FABRIC, AS FER FLAN, CONTINUENCT, AS DIRECTED (204) PROOF ROLLING	2.00	HOUR	S	S	S	÷
12	(304) AGGREGATE BASE	1,615.00	СҮ	\$	S	\$	\$
13	(407) TACK COAT, TRACKLESS TACK	641.00	GAL	\$	S	S	\$
14	(448) ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, PG64-22, AS PER PLAN	462.00	CY	S	\$	\$	\$
15	(448) ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22, AS PER PLAN	288.00	СҮ	\$	\$	\$	\$
16	(451) 6 INCH REINFORCED CONCRETE PAVEMENT, AS PER PLAN	289.00	SY	S	\$	S	S
17	(451) 8 INCH REINFORCED CONCRETE PAVEMENT, AS PER PLAN	76.00	SY	\$	S	\$	\$
18	(601) ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	23.00	СҮ	\$	S	\$	\$
19	(602) HEADWALL, AS PER PLAN	5.00	EACH	\$	\$	\$	\$
20	(605) 4 INCH SHALLOW PIPE UNDERDRAIN, AS PER PLAN	683.00	FT	\$	S	\$	\$
21	(606) GUARDRAIL, AS PER PLAN	118.00	FT	\$	\$	S	\$
22	(607) FENCE, SPLIT RAIL, AS PER PLAN	140.00	FT	S	S	S	÷

Proposal to City of Mentor For Civic Center Park Improvements

Project No. 0000032272

DESCRIPTION DESCRIPTION DESCRIPTION OTY. UNITS L	QTY. UNITS L	MEASURE I UNITS L		UNIT PRICE ABOR	UNIT PRICE MATERIAL	TOTAL UNIT PRICE	ITEM TOTAL
(607) FENCE MISC: TEMPORARY SAFETY FENCE - 6' CHAIN LINK 830.00 FT <u>\$</u> (608) CTUR PAMP AS PEP PI AN	830.00 FT <u>\$</u>	FT SF	9 9 6		9 9	\$	9 9
(SPC) HORIZONTAL CURB CUT, AS PER PLAN 67.00 FT	67.00 FT	FT		e s	ə 🔊	e e e e e e e e e e e e e e e e e e e	e e e e e e e e e e e e e e e e e e e
(609) CURB, TYPE 6, AS PER PLAN 2,332.00 FT	2,332.00 FT	FT		S	\$	S	S
(611) 6" CONDUIT, TYPE B, PERFORATED, FRENCH DRAIN, AS PER PLAN 357.00 FT	357.00 FT	FT		\$	\$	S	S
(SPC) STORM SEWER CLEAN OUT, AS PER PLAN 6.00 EACH	6.00 EACH	EACH		\$	S	S	S
(611) 12" CONDUIT, TYPE B, AS PER PLAN 895.00 FT	895.00 FT	FT		\$	\$	\$	S
(611) 15" CONDUIT, TYPE B, AS PER PLAN 70.00 FT	70.00 FT	FT		\$	S	S	S
(611) 24" CONDUIT, TYPE B, AS PER PLAN 13.00 FT	13.00 FT	FT		\$	Ş	S	\$
(611) CATCH BASIN, NO. 3A 4.00 EACH	4.00 EACH	EACH		\$	\$	S	\$
(611) CATCH BASIN, NO. 2-3, AS PER PLAN 10.00 EACH	10.00 EACH	EACH		S	S	S	S
(611) CATCH BASIN ADJUSTED TO GRADE 1.00 EACH	1.00 EACH	EACH		S	S	S	S
(611) INLET, YARD DRAIN, AS PER PLAN 1.00 EACH	1.00 EACH	EACH		\$	\$	\$	\$
(611) 48 INCH STORM MANHOLE, AS PER PLAN 1.00 EACH	1.00 EACH	EACH		\$	\$	S	\$
(611) STORM OUTLET CONTROL STRUCTURE, AS PER PLAN 1.00 EACH	1.00 EACH	EACH		\$	S	\$	\$
(614) MAINTAINING TRAFFIC, AS PER PLAN 1.00 LS	1.00 LS	LS		\$	\$	\$	S
(623) CONSTRUCTION LAYOUT STAKES AND SURVEYING 1.00 LS	1.00 LS	LS		\$	\$	\$	\$
(624) MOBILIZATION 1.00 LS	1.00 LS	LS		\$	S	\$	\$
(625) LIGHTING, MISC., AS PER PLAN 1.00 LS	1.00 LS	LS		\$	S	\$	S
(630) SIGN, FLAT SHEET, WITH MOUNTING POST 14.00 EACH	14.00 EACH	EACH		\$	\$	S	\$
(642) TRAFFIC PAINT, AS PER PLAN 1.00 LS	1.00 LS	LS		S	S	S	S
(651) TOPSOIL STOCKPILED, AS PER PLAN 700.00 CY	700.00 CY	СҮ		\$	\$	\$	\$
(651) TOPSOIL REMOVED, AS PER PLAN 2,700.00 CY	2,700.00 CY	СҮ		\$	S	S	\$

Proposal to City of Mentor For Civic Center Park Improvements

Project No. 0000032272

Г

				UNIT	UNIT	TOTAL	IN ALL
NO.	DESCRIPTION	QTY.	MEASURE	LABOR	MATERIAL	PRICE	TOTAL
46	(652) PLACING STOCKPILED TOPSOIL, AS PER PLAN	700.00	CY	\$	\$	\$	\$
47	(659) SEEDING AND MULCHING, AS PER PLAN	1.00	TS	\$	\$	\$	S
48	(661) REMOVE & RESET TREE	2.00	EACH	S	\$	\$	S
49	(661) DECIDUOUS TREE, 2 INCH CALIPER	16.00	EACH	S	\$	\$	S
50	(SPC) BASKETBALL COURTS, AS PER PLAN	1.00	ST	S	\$	\$	S
51	(SPC) PICKLEBALL COURTS, AS PER PLAN	1.00	ST	S	\$	\$	S
52	(690) SPECIAL - CONCRETE PARKING BLOCK	9.00	EACH	S	\$	\$	S
53	(SPC) TEMPORARY SEDIMENT AND EROSION CONTROL, AS PER PLAN	1.00	ST	S	\$	\$	S
54	(SPC) CONTINGENCY/DISCRETIONARY ALLOWANCE	1.00	TS	\$		\$ 115,000.00	\$ 115,000.00
				INFORMAL TO	DTAL BID \$		

Proposal to City of Mentor For Civic Center Park Improvements

ELECTRICAL GENERAL NOTES

THE CONTRACTOR SHALL APPLY FOR AND SECURE ALL COSTS AND CHARGES FOR PERMITS, CONSTRUCTION, AND MISCELLANEOUS WORK ASSOCIATED WITH AND REQUIRED FOR THE COMPLETION OF THE PROJECT ELECTRICAL WORK.

THE CONTRACTOR SHALL ARRANGE FOR ALL INSPECTIONS OF ELECTRICAL WORK BY ALL INSPECTION AUTHORITIES HAVING JURISDICTION. COPIES OF INSPECTION REPORTS SHALL BE MADE AVAILABLE TO THE OWNER UPON REQUEST, AND THREE (3) COPIES OF THE APPROVED FINAL INSPECTION REPORT SHALL ACCOMPANY THE REQUEST FOR FINAL PAYMENT.

ALL WORK SHALL BE IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, OHIO BUILDING CODE, LOCAL CODES AND ORDINANCES WHERE APPLICABLE, AND REQUIREMENTS OF O.S.H.A..

ALL MATERIALS AND EQUIPMENT FURNISHED AND INSTALLED BY THE CONTRACTOR SHALL BE NEW, U.L. LISTED OR LABELED, AND CONFORM TO NEMA AND ANSI STANDARDS WHERE APPLICABLE.

THE CONTRACTOR SHALL BE HELD TO HAVE VISITED THE SITE AND TO FULLY FAMILIARIZED HIMSELF WITH ALL CONDITIONS WHICH AFFECT HIS WORK. COORDINATE AND SCHEDULE WORK WITH OTHER TRADES TO ENSURE SATISFACTORY PERFORMANCE, AVOID DELAYS AND DUPLICATIONS AND MEET THE OWNER'S COMPLETION SCHEDULE.

ALL WORK SHALL BE INSTALLED BY WORKMEN FULLY SKILLED IN THE WORK TO BE PERFORMED. REPAIR OR REPLACE EXISTING EQUIPMENT OR PROPERTY OF THE OWNER DAMAGED BY ELECTRICAL TRADES WORKMEN.

THE CONTRACTOR SHALL GUARANTEE MATERIALS AND WORKMANSHIP PROVIDED BY HIM FOR A PERIOD OF TWO (2) YEARS FROM THE DATE OF OWNER'S FINAL ACCEPTANCE. REPAIR OR REPLACE ANY DEFECTIVE MATERIALS OR EQUIPMENT AT NO ADDITIONAL COST TO THE OWNER WITHIN THE GUARANTEE PERIOD.

IDENTIFY PANELBOARDS AND USAGE OF PANELBOARD CIRCUIT BREAKERS WITH PLASTIC LAMINOID NAMEPLATES. NAMEPLATES SHALL INDICATE PANEL DESIGNATION, VOLTAGE, AND USE.

PROVIDE TYPEWRITTEN PANELBOARD CIRCUIT DIRECTORY IN PANELBOARD DOOR IDENTIFYING ALL ACTIVE CIRCUITS AND SPARES. ACTIVE CIRCUITS SHALL DESIGNATE EQUIPMENT SERVED.

WIRING BETWEEN LIGHT POLES SHALL BE 2 SINGLE CONDUCTOR #10, 5KV IN 2" CONDUIT DIRECTLY BURIED. (SEE PRICES TO INCLUDE FOR ITEM SPECIFIC MATERIALS TO BE USED)

THE DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO DESCRIBE THE WORK REQUIRED. THE CONTRACTOR SHALL ACCURATELY FIELD MEASURE AND LAY OUT HIS WORK TO EFFECTIVELY ACHIEVE A STRUCTURALLY COORDINATED INSTALLATION WITH THE EXISTING CONDITIONS AND OTHER TRADES.

COORDINATE ALL SERVICE ENTRANCE REQUIREMENTS WITH THE LOCAL ELECTRIC AND TELEPHONE UTILITY COMPANIES TO ENSURE COMPLIANCE TO UTILITY COMPANY REQUIREMENTS. PROVIDE A COMPLETE GROUNDING SYSTEM.

DISCONNECTION, RECONNECTION, AND RELOCATION OF EQUIPMENT SHALL BE COORDINATED SO AS TO CAUSE MINIMAL DISRUPTION OF SERVICE.

LIGHTING FIXTURES SHALL BE AS SCHEDULED ON THE DRAWINGS. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND ALL APPLICABLE PROVISIONS OF NATIONAL ELECTRICAL CODE.

LIGHTING NOTES

Z:\PROJECT FILES\MA-NZ\MENTOR\32272 - CIVIC CENTER PARK IMPROVEMENTS\CAD\DWG\SHEETS\C 32272 - GENERAL NOTES EL-1.DWG - G-3 - 5/7/2025 3:24:31 PM - LENE HILL

THESE NOTES ARE SUPPLEMENTAL TO ITEMS 625 AND 725 OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS.

IN ADDITION TO THE REQUIREMENTS OF THE ODOT'S CONSTRUCTION AND MATERIAL SPECIFICATIONS, POWER SERVICES SHALL BE AS FOLLOWS:

THE POWER SUPPLYING AGENCY FOR THIS PROJECT SHALL BE CITY OF MENTOR CIVIC CENTER PARK. CONTRACTOR TO COORDINATE WITH THE ELECTRICIAN/MAINTENANCE STAFF.

PARKING LOT LIGHTING: LIGHTING POWER & CONTROL WILL NEED TO BE COORDINATED WITH THE CITY OF MENTOR CIVIC CENTER PARK ELECTRICIAN. IT IS THE INTENT TO OBTAIN POWER AND INSTALL TIMER AT THE WATER SLIDE MECHANICAL BUILDING PROPOSED UNDER A SEPARATE CONTRACT. A TIE-IN PULL BOX IS TO BE INSTALLED BY CONTRACTOR PARALLEL TO THE ANTICIPATED LOCATION OF WATER SLIDE MECHANICAL BUILDING, CONDUIT BETWEEN THE TIE IN PULL BOX LOCATION AND THE WATER SLIDE MECHANICAL BUILDING WILL BE INSTALLED BY OTHERS WITH THE BUILDING INSTALLATION. VERIFY EXACT LOCATION AND COORDINATE CONDUIT CONNECTION TO BOX WITH OWNER. THE OWNER SPECIFIED LIGHT CONTROL PANEL, WIRE FROM LIGHT CONTROL PANEL TO TIE-IN PULL BOX IS TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR. FOR FINAL CONNECTION OF PARKING LOT LIGHTING.

NEW PICKLEBALL COURT LIGHTING: POWER & CONTROL WILL NEED TO BE COORDINATED WITH THE CITY OF MENTOR CIVIC CENTER POOL CONCESSION BUILDING POWER SOURCE. CONTRACTOR TO COORDINATE AND INVESTIGATE PANEL CONNECTION WITH THE CITY POOL MAINTENANCE STAFF. THE LIGHTS SHALL BE INSTALLED WITH A TIMER SYSTEM OR TIED INTO THE EXISTING TIMER TO MATCH THE EXISTING COURT LIGHTING.

IN ADDITION TO THE REQUIREMENTS OF THE ODOT'S CONSTRUCTION AND MATERIAL SPECIFICATIONS, LIGHT POLES FOR CONVENTIONAL LIGHTING THE CONTRACTOR SHALL REFER TO THE PRICES TO INCLUDE SECTION OF THE CONTRACT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

LIGHT SOURCE WILL BE LED AS NOTED ON THE ELECTRICAL PLANS.

ITEM 625 - PLASTIC CAUTION TAPE

THE LOCATION OF UNDERGROUND CONDUIT AND BURIED ELECTRICAL CABLES SHALL BE MARKED BY THE USE OF A CONTINUOUS IDENTIFYING TAPE BURIED IN THE TRENCH ABOVE THE LINE. THE IDENTIFYING TAPE SHALL BE AN INERT MATERIAL, APPROXIMATELY 6 INCHES WIDE COMPOSED OF POLYETHYLENE PLASTIC, HIGHLY RESISTANT TO ALKALIS, ACIDS, OR OTHER CHEMICAL COMPONENTS LIKELY TO BE ENCOUNTERED IN SOILS. THE TAPE SHALL BE BRIGHT RED WITH IDENTIFYING PRINTING "ELECTRIC" IN BLACK LETTERS ONE SIDE ONLY. TAPE SHALL BE SUPPLIED IN CONTINUOUS ROLLS WITH THE IDENTIFYING LETTERING REPEATED CONTINUOUSLY THE FULL LENGTH OF THE TAPE. IDENTIFYING TAPE SHALL BE BURIED ON THE ELECTRIC LINE TRENCH WITH ONE STRIP APPROXIMATELY 6 TO 10 INCHES BELOW THE FINAL FINISHED GRADE. THE TAPE SHALL BE PLACED IN THE TRENCH WITH THE PRINTED SIDE UP AND SHALL BE ESSENTIALLY PARALLEL WITH THE FINISHED SURFACE. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO INSURE THAT THE IAPE IS NOT RULLED, DISTORIED, OR OTHERWISE MISPLACED IN COMPLETING THE TRENCH BACKFILL. THE TAPE SHALL BE PAID FOR AS PART OF THE LUMP SUM (625) LIGHTING, MISC., AS PER PLAN.

CONDUIT FURNISHED UNDER THIS SPECIFICATION SHALL CONFORM TO NEMA STANDARDS PUBLICATION NO. TC-6 WITH THE EXCEPTION THAT CONDUIT AND CONDUIT FITTINGS COMPOSED OF ACRYLONITRILE-BUTADIENE-STYRENE (ABS) SHALL NOT BE ACCEPTABLE.

LIGHT POLE FOUNDATION GENERAL NOTES AND SPECIFICATIONS

THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS DATED JANUARY 1, 2023, SHALL BE CONSIDERED A PART OF THE SPECIFICATIONS FOR THIS PROJECT.

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING DRILLED SHAFTS OF THE KIND AND SIZE CALLED FOR ON THE PLANS AND IN THE FOLLOWING SPECIFICATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH ALL LABOR, MATERIALS, TESTS AND APPURTENANCES REQUIRED TO COMPLETE THE WORK AS SPECIFIED.

THE CONTRACTOR IS EXPECTED TO FURNISH THE PROPOSED DRILLED SHAFTS AS PER THESE PLAN REQUIREMENTS WITH THE UNDERSTANDING THAT THE ESTIMATED LENGTH SHOWN ON THE PLANS MAY BE DIFFERENT FROM THE LENGTH DETERMINED TO BE NECESSARY AT THE TIME OF CONSTRUCTING THE DRILLED SHAFTS.

<u>CASING</u>

A CASING WILL BE NECESSARY FOR THE CONSTRUCTION OF EACH DRILLED SHAFT. SEE CASING NOTE BELOW.

THE CASING SHALL BE WATER-TIGHT AND SHALL BE OF AMPLE STRENGTH TO WITHSTAND HANDLING STRESSES AND TEMPORARY EXTERNAL SUBSURFACE PRESSURES. THE CASING SHALL BE SEATED TO SEAL OFF POSSIBLE GROUND WATER. THE CASING LENGTH SHALL BE AS NECESSARY TO CONSTRUCT EACH DRILLED SHAFT. THE CASING SHALL BE LEFT IN PLACE, BUT IT SHALL BE REMOVED ABOVE THE FINISHED GRADE.

CONTRACTOR QUALIFICATION

THE CONTRACTOR SHALL SUBMIT INFORMATION TO DOCUMENT THAT HIS PERSONNEL ARE EXPERIENCED IN THE CONSTRUCTION OF DRILLED SHAFTS OF THE TYPE AND SIZE DESCRIBED BY THE PLANS. THIS INFORMATION SHALL BE SUBMITTED AT THE PRECONSTRUCTION CONFERENCE.

DEVIATION FROM PLAN

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COSTS INVOLVED WHEN MAKING CORRECTIONS TO HIS UNAUTHORIZED DEVIATIONS FROM THE PLANS.

EXCAVATION

ITEM 625 - LIGHT POLE, FOUNDATIONS, CONDUIT AND PULLBOXED

<u>725.11. – LAMPS</u>

725.051 POLYVINYL CHLORIDE PLASTIC CONDUIT

EXCAVATION FOR THE DRILLED SHAFTS SHALL BE PERFORMED BY ROTARY DRILLING METHODS USING PRACTICAL METHODS AND MACHINERY ACCEPTABLE TO THE ENGINEER. WHEN OBJECTS SUCH AS LARGE BOULDERS ARE ENCOUNTERED, THEY SHALL BE REMOVED. BLASTING METHODS MAY NOT BE USED.

BOTTOM CLEANOUT

THE BOTTOM OF THE DRILLED SHAFT EXCAVATION SHALL BE FLUSHED AS CLEAN AS PRACTICABLE.

APPROVAL BEFORE CONCRETE PLACEMENT

ITEM 625 - LIGHT POLE FOUNDATION. 24" X 8' DEEP

THE CONTRACTOR SHALL SUBMIT TO THE PROJECT ENGINEER A WRITTEN REPORT OF STEPS AND PROCEDURES THAT HE PROPOSES TO FOLLOW WHEN PLACING AND MONITORING THE CONCRETE PLACEMENT. CONCRETE SHALL NOT BE PLACED IN ANY DRILLED SHAFT EXCAVATION WITHOUT PRIOR APPROVAL FROM THE ENGINEER. THE DRILLED SHAFT EXCAVATION SHALL BE INSPECTED IMMEDIATELY BEFORE THE CONCRETE IS PLACED. NO CONCRETE SHALL BE PLACED DURING INCLEMENT WEATHER CONDITIONS WHICH PROHIBIT A THOROUGH INSPECTION.

DEWATERING

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING ANY INCOMING WATER TO THE EXTENT THAT THE SHAFT EXCAVATION IS MAINTAINED DRY ENOUGH FOR PERFORMANCE OF THE REQUIRED INSPECTION AND CONCRETING OPERATIONS. THE PREFERRED METHOD OF CONSTRUCTION IS TO PLACE THE CONCRETE IN A CLEAN, DRY EXCAVATION. THE CONTRACTOR IS EXPECTED TO MAKE A REASONABLE ATTEMPT TO SEAL WATER OUT OF THE DRILLED SHAFT EXCAVATION.

CONCRETE PLACEMENT

THE CONCRETE FOR THE DRILLED SHAFTS SHALL BE PLACED AS PER ITEM 511 EXCEPT AS MODIFIED BY THE PLANS. THE CONCRETE PLACEMENT OPERATION SHOULD BE CONTINUOUS FROM START TO FINISH. THE CONCRETE SHALL BE PLACED AGAINST THE CASING SOIL AND SHALL BE PLACED PROMPTLY AFTER THE FINAL INSPECTION OF THE SHAFT. IF PRACTICABLE, THE CONCRETE SHALL BE PLACED IN A DRY EXCAVATION. CARE SHALL BE TAKEN TO ENSURE THAT CONCRETE IS NOT BEING PLACED IN MOVING WATER. THE CONCRETE CAN BE PLACED IN A DRY, DRILLED SHAFT EXCAVATION BY THE FREE FALL METHOD PROVIDED THE CONCRETE FALLS TO ITS FINAL POSITION THROUGH AIR WITHOUT STRIKING THE SIDES OF THE HOLE, THE REINFORCING STEEL CAGE OR ANY OTHER OBSTRUCTION. THE FREE FALL METHOD ALLOWS THE CONCRETE TO BE DROPPED FROM THE TOP THROUGH A CENTERING CHUTE TO THE CONCRETE'S FINAL POSITION.

CONCRETE

CONCRETE FOR ALL DRILLED SHAFTS SHALL BE CLASS S CONCRETE AND SHALL BE IN ACCORDANCE WITH ITEM 511, EXCEPT AS MODIFIED AND SUPPLEMENTED HEREIN. THE REQUIRED SLUMP IS SIX INCHES (6") TO SEVEN INCHES (7"). THE MAXIMUM WATER TO CEMENT RATIO SHALL BE 0.50. THE TOP 5 FEET OF THE DRILLED SHAFTS ARE REQUIRED TO BE VIBRATED. ONLY A MINIMAL VIBRATORY EFFORT IS NECESSARY. SPECIAL CARE SHALL BE TAKEN NOT TO OVER-VIBRATE THE DRILLED SHAFT CONCRETE.

REINFORCING STEEL

REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF ITEM 509. THE REINFORCING STEEL SHALL BE GRADE 60, EPOXY COATED ASTM A615. SEE DETAILS FOR REINFORCING REQUIREMENTS.

SAFETY PROVISIONS

THE CONTRACTOR SHALL HAVE AT THE JOB SITE ALL EQUIPMENT AND MATERIALS NEEDED TO PROVIDE SAFE CONSTRUCTION AND INSPECTION OF THE DRILLED SHAFTS AS REQUIRED BY CITY, STATE AND FEDERAL SAFETY REQUIREMENTS. WHERE UTILITY OUPS MARKINGS SHOW POTENTIAL CONFLICT, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO DETERMINE A NEED TO ADJUST THE LOCATION. THE CONTRACTOR SHOULD EXPECT TO POT-HOLE LOCATIONS WHICH APPEAR TO HAVE OUPS MARKINGS ADJACENT TO PROPOSED POLE LOCATIONS IN ORDER TO DETERMINE CLEARANCES. PAYMENT SHOULD BE INCLUDED IN THE LUMP SUM (625) LIGHTING, MISC., AS PER PLAN.

			MENTOR CIVIC CENTER PARK	ISSUED FOR:	BID	ON	REVISION	DATE	
SHEET			8500 MUNSON ROAD	ISSUE DATE:	4/22/25	ADDENDUM #2		05/06/25	PROFESUIT
	SHEET		- CITY OF MENTOR, LAKE COUNTY -	SCALE:	AS SHOWN				LE E E 6 (0 0 0 0
	- 1			DESIGNED BY:	RW, CZ				OF C ILL 6017
₀ 31	~~~	2	ELECTRICAL NOTES	DRAWN BY:	CZ, GA, LE				
				CHECKED BY:	LH, RW				





COE	DED NOTES & LEGEND
01	STANDARD DUTY ASPHALT PAVEMENT
02	ASPHALT PATH
03	COLOR COATED ASPHALT COURT
	STORMWATER BASIN
۹ <u>،</u>	CONCRETE APRON
06	CONCRETE CURB
a	CONCRETE PAVEMENT
	ADA DETECTABLE WARNING SURFACE (TYP.)
 \$\$ (09)	LIGHT POLE, REFER TO LIGHTING PLANS
f 10	BASKETBALL GOAL POST
- (11)	STOP SIGN (TYP.)
- (12)	BIKE PATH STOP SIGN
(13)	STOP BAR
////////14)	CROSSWALK PAVEMENT MARKING
	CONCRETE PAVMENT FLUSH WITH PARKING
E 16	ACCESSIBLE PARKING SYMBOL
- (17)	HANDICAP PARKING SIGN (TYP.)
× _18	CONCRETE WALK RAMP
19	ISLAND PAVEMENT MARKING (TYP.)
	CONCRETE BUMPER BLOCK
(21)	EXISTING WALK
x22)	2 RAIL SPLIT RAIL FENCE
	COURT LIGHTS, REFER TO LIGHTING PLANS
• (24)	10' CHAINLINK FENCE
• — • <u>25</u>	PICKLEBALL NET & POST
-•-•- <u>26</u>	4' CHAINLINK FENCE
∠ _o _ 27)	3' WIDE GATE
$\phi \circ - \circ - (28)$	3' FENCE OPENING
(29)	COURT LINE STRIPING
30	DETENTION BASIN 8' WIDE ACCESS ROUTE
¤31)	GUARDRAIL
() (32)	CATCH BASIN/MANHOLE, REFER TO UTILITY PLANS
33	CURB INLET
3 4	FRENCH DRAIN
^{CO} O (35)	FRENCH DRAIN CLEAN-OUT
— (36)	HEADWALL
37	RIPRAP
(38)	STORMWATER OUTLET CONTROL STRUCTURE
	DETENTION BASIN 8' WIDE ACCESS ROUTE
(40)	DECORATIVE ROCK INFILL BETWEEN COURTS
(41)	EXISTING FENCE TO REMAIN
h	



	000
CODED NOTES & LEGEND	
01 STANDARD DUTY ASPHALT PAVEMENT	27) 36'
02 ASPHALT PATH	
03 COLOR COATED ASPHALT COURT	
04 STORMWATER BASIN	
CONCRETE APRON	
(06) CONCRETE CURB	e 29
(08) ADA DETECTABLE WARNING SURFACE (TYP.)	
- 👾 09) LIGHT POLE, REFER TO LIGHTING PLANS	
Τ 10 BASKETBALL GOAL POST	
(11) STOP SIGN (TYP.)	
(12) BIKE PATH STOP SIGN	e 23
TI3 STOP BAR	
CROSSWALK PAVEMENT MARKING	
CONCRETE PAVMENT FLUSH WITH PARKING	
6 ACCESSIBLE PARKING SYMBOL	
- (17) HANDICAP PARKING SIGN (TYP.)	
	p
(19) ISLAND PAVEMENT MARKING (TYP.)	p
21) EXISTING WALK	
COURT LIGHTS, REFER TO LIGHTING PLANS	
\sim	
→ · → (25) PICKLEBALL NET & POST	
$- \circ - \circ - (26)$ 4' CHAINLINK FENCE	
$\phi \sim - \circ - (28)$ 3' FENCE OPENING	
29 COURT LINE STRIPING	
(30) DETENTION BASIN 8' WIDE ACCESS ROUTE	
D I 32 CATCH BASIN/MANHOLE, REFER TO UTILITY PLANS	
33 CURB INLET	
FRENCH DRAIN	
CO 35) FRENCH DRAIN CLEAN-OUT	
37 RIPRAP	
38) STORIVIVATER OUTLET CONTROL STRUCTURE	
39 DETENTION BASIN 8' WIDE ACCESS ROUTE	
(40) DECORATIVE ROCK INFILL BETWEEN COURTS	
(41) EXISTING FENCE TO REMAIN	
\sim	

Z: PROJECT FILES MA-NZ MENTOR 32272 - CIVIC CENTER PARK IMPROVEMENTS (CADIDWG (SHEETS (C_32272 - LAYOUT PLAN.DWG - C-7 - 5/7/2025 12:11:11 PM - RICHARD WASHINGTON





DESCRIPTION (STRUCTURAL) EXCAVATION & EMBANKMENT STORM SEWER TRENCH	CUT 6,250 CY 750 CY	FILL 1,850 CY
SUB-TOTAL	7,000 CY 5,150 CY	1,850 CY
DESCRIPTION (NON-STRUCTURAL)	CUT	FILL
TOPSOIL STRIP (8"±)	3,200 CY	
TOPSOIL STRIP (6"±)	200 CY	
TOPSOIL REQUIRED (4")		700 CY
	3,400 CY	700 CY
SUB-TOTAL	2,700 CY	
NET TOTAL (EXPORT)	7,850 CY	



Z:/PROJECT FILES/MA-NZ/MENTOR/32272 - CIVIC CENTER PARK IMPROVEMENTS/CAD/DWG/SHEETS/C-32272 - SITE GRADING PLAN.DWG - C-8 - 5/7/2025 9:46:45 AM - LENE HILL





STORM CODED NOTES	$\langle 3F \rangle$ STORM CATCH BASIN (2' X 2') RIM = 628.02	(5D) STORM CURB INLET (2' X 3') TC = 627.21	20' - 4" PERFORATED PVC SDR 35 FINGER DRAIN (MULTIPLE LOCATIONS PER PLAN)	55' - 12" HDPE STORM @ 1.00%	Storm Catch Basin Rim = 628.78 Inv = 623.3 (6" E)
	$ NV = 623.13 (12" SE \& N)$ $\overline{\langle 3G \rangle} STORM CATCH BASIN (2' X 2')$	GUT = 626.71 INV = 624.71 (4" E) INV = 624.21 (4" W & N)	(8A) 103' - 4" PERFORATED PVC SDR 35 UNDER DRAIN	75' - 12" HDPE STORM @ 0.75%	Inv = 623.2 (8" W)
(1) INV = 618.00 (24" E)	RIM = 627.07 INV = 624.57 (6" N) INV = 621.72 (12" SW & SE)	INV = 622.71 (12" S)	8B 94' - 4" PERFORATED PVC SDR 35 UNDER DRAIN	(10) 70" - 15" HDPE STORM @ 0.75%	Rim = 627.08 Inv = 624.1 (4" E) Inv = 623.8 (6" N)
(2A) STORM HEADWALL W/ ROCK CHANNEL PROTECTION 10 LF ODOT ITEM 601.08 18" TYPE "C" (6' WIDE) INV = 620.20 (15" SW)	3HSTORM CATCH BASIN (2' X 2')RIM = 627.07	(6A) STORM CLEANOUT (4"Ø) RIM = 628.46 INV = 625.96 (6" NE)	8C 94' - 4" PERFORATED PVC SDR 35 UNDER DRAIN 116' - 4" PERFORATED PVC SDR 35 UNDER DRAIN	10J 73 - 12" HDPE STORM @ 0.75%	Storm Catch Basin Rim = 626.77 Inv = 623.3 (8" W)
2B STORM HEADWALL W/ ROCK CHANNEL PROTECTION 10 F ODOT ITEM 601 08	INV = 624.57 (6" S) INV = 622.07 (12" E & N)	$\begin{array}{c} \hline & \\ \hline \hline & \\ \hline \\ \hline$	(9A) 56' - 6" PERFORATED PVC SDR 35 FRENCH DRAIN @ 2.11%	5 (10L) 13' - 24" HDPE STORM @ 1.00%	Inv = 623.1 (8" S & E)
18" TYPE "C" (6' WIDE) INV = 621.01 (12" NW)	$\begin{array}{c} \langle 3I \rangle \\ RIM = 628.07 \\ INV = 623.07 (12" S) \end{array}$	$\begin{array}{c} \hline & \\ \hline \\ \hline$	9B 29' - 6" PERFORATED PVC SDR 35 FRENCH DRAIN @ 2.03%	5 (0M) 21' - 12" HDPE STORM @ 1.00%	Inv = 623.5 (4" E & W) Storm Curb Inlet
STORM HEADWALL W/ ROCK CHANNEL PROTECTION (SKEW 10 LF ODOT ITEM 601.08 18" TYPE "C" (6' WIDE)) $\langle 4A \rangle$ STORM CATCH BASIN (3' X 3') RIM = 626.97	INV = 625.37 (6" S)	9C 85' - 6" PERFORATED PVC SDR 35 FRENCH DRAIN @ 1.10%	38' - 12" HDPE STORM @ 2.63%	Rim = 628.84 Inv = 624.6 (12" E)
INV = 617.66 (12" SW)	$INV = 624.47 (4^{\circ} SVV, SE, & NE)$ INV = 622.51 (12" W, S & N)	RIM = 627.87 INV = 625.37 (6" N)	9D 29' - 6" PERFORATED PVC SDR 35 FRENCH DRAIN @ 2.03%	400 11 - 6 FVC SDR 35 STORM @ 1.00 400 75' - 12" HDPE STORM @ 0.80%	70 Rim = 628.58 — Inv = 623.8 (12" E & W)
10 LF ODOT ITEM 601.08 18" TYPE "C" (6' WIDE) INV = 621.34 (12" W)	(4B) STORM MANHOLE (4') W/ OPEN GRATE RIM = 627.17	6E STORM CLEANOUT (4"Ø) RIM = 628.18 INV = 625.68 (6" N)	(9E) 118' - 6" PERFORATED PVC SDR 35 FRENCH DRAIN @ 1.009	68' - 12" HDPE STORM @ 1.82%	
$(3A) \qquad \text{STORM CATCH BASIN (2' X 2')} \\ BIM = 628.02$	INV = 624.67 (4" SW & SE) INV = 622.33 (12" SW) INV = 621.85 (12" NW)	6F STORM CLEANOUT (4"Ø) BIM = 626 61	(0A) 45' - 12" HDPE STORM @ 1.90%	18' - 12" HDPE STORM @ 0.75%	$= \frac{117 - 021.4 (3 - 3)}{10v = 609.9 (30" E&W)}$
INV = 624.02 (12" N)	INV = 621.12 (12" S) INV = 620.92 (15" NE)	INV = 624.11 (6" S & NW)	60' - 12" HDPE STORM @ 0.77%	Storm Catch Basin Rim = 628.17	STORMWATER MANAGEMENT OUTLET CONTROL STRUCTURE (SEE SPECIAL DETAIL)
$\begin{array}{c} 3B\\ \hline \\ RIM = 626.97\\ INV = 624.73 (4" SW, NW, \& NE)\\ INV = 622.07 (12" S \& E) \end{array}$	5A STORM CURB INLET (2' X 3') TC = 626.90	$\begin{array}{c} 6G \\ RIM = 627.81 \\ INV = 625.31 \ (6" \ N) \end{array}$	74' - 12" HDPE STORM @ 1.00%	ADJOST KIM – 020.09 Inv = 626.0 (8" NW & SE) Storm Catch Basin	CORE DRILL EX. STORM SEWER &
$\frac{3C}{3C} \qquad STORM CATCH BASIN (2' X 2')$	- INV = 623.90 (4" SW) INV = 622.40 (12" SE)	$\langle 6H \rangle$ STORM CLEANOUT (4"Ø) RIM = 627.79	53' - 12" HDPE STORM @ 1.17%	Rim = 628.8 Inv = 627.6 (4" N)	- STORM YARD INLET (18" Ø)
INV = 624.67 (4" NW, SW, & NE) INV = 623.17 (12" NE)	5B STORM CURB INLET (2' X 3') TC = 626.43	6l EXTEND EX. STORM @ 1 00%	190' - 12" HDPE STORM @ 0.87%	Storm Catch Basin Rim = 628.76 Inv = 627.6 (4" S)	RIM = 626.06 INV = 623.55± (4"± E & W)
$\begin{array}{c} \hline & \\ \hline \\ \hline$	GUT = 625.93 INV = 623.93 (4" W & N)	6J RECONNECT EX.			
INV = 624.68 (6" SW) INV = 622.28 (12" NE)	$ \text{INV} = 621.14 (12^{\circ} \text{ NW & SE})$ $ \sqrt{5C} \qquad \text{STORM CURB INLET (2' X 3')}$	REQUIRED: 10' - 4" PVC STORM @ 1.00%		C. PS	
(3E) STORM CATCH BASIN (2' X 2') RIM = 627.87 INV = 625.37 (6" N)	GUT = 626.43 GUT = 625.93 INV = 624.14 (4" SE & NE)		NA SALAN AND AND AND AND AND AND AND AND AND A	× ×	
INV = 623.87 (12" NW)	INV = 621.47 (12" W, N, & E)		A Count		
		S I			ADDENDUM #2 DATED 5/7/2025 NO ⁻ 1. VARIOUS PROPOSED STORM INVERTS AND SLOPES REVIS PURPOSES.

Z:\PROJECT FILES\MA-NZ\MENTOR\32272 - CIVIC CENTER PARK IMPROVEMENTS\CAD\DWG\SHEETS\C-32272 - SITE UTILITY PLAN.DWG - C-11 - 5/7/2025 9:47:23 AM - LENE HILL





- WORK. PROPOSED DEMOLITION PLAN ITEMS ARE NOT SHOWN 2. FOR CLARITY PURPOSES.
- EXISTING AND PROPOSED TOPOGRAPHY ARE SHOWN 3. FOR REFERENCE PURPOSES ONLY TO AID IN UNDERSTANDING DEPTH AND COVER OF EXISTING AND PROPOSED UTILITIES. DO NOT USE THIS SHEET FOR GRADING PURPOSES; SEE GRADING PLAN SHEETS FOR ACTUAL PROPOSED GRADING INFORMATION.
- SEE GENERAL NOTES SHEET FOR ADDITIONAL 4. INFORMATION, SPECIFICATIONS AND OTHER REQUIREMENTS.
- SEE GENERAL ABBREVIATIONS, LINETYPES & -5 SYMBOLS SHEET FOR COMMONLY USED ABBREVIATIONS, LINETYPES AND SYMBOLS.

SHEET CODED NOTES

SEE SITE UTILITY PLAN OVERVIEW SHEET C-11 FOR 1. ALL CODED NOTES





Z: PROJECT FILESIMA-NZ/MENTOR/32272 - CIVIC CENTER PARK IMPROVEMENTS/CAD/DWG/SHEETS/C-32272 - SITE UTILITY PLAN.DWG - C-13 - 5/7/2025 9:47:23 AM - LENE HILL













PICKLE BALL COURT LIGHT POLE FOUNDATION NOT TO SCALE

Z: PROJECT FILES/MA-NZ/MENTOR/32272 - CIVIC CENTER PARK IMPROVEMENTS/CAD/DWG/SHEETS/C-32272 - SITE LIGHTING PLAN.DWG - E-2 - 5/7/2025 2:48:20 PM - RICHARD WASHINGTON

\sim	\sim	\checkmark	\checkmark	\sim	\sim	\frown	\sim	\sim	\sim	\sim	`
OUND	CABLE	SHALL	BE	EXOTHERMICALLY	WELDED	то	GROUND	ROD.	RUN	CABLE	

2. ANCHOR BOLTS AND ANCHOR BOLT PATTERN SHALL BE PROVIDED BY THE POLE SUPPLIER. THE GENERAL CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE ANCHOR BOLTS WITH THE SITE WORK. PAYMENT FOR ANCHOR BOLTS AND THEIR INSTALLATION IS UNDER ITEM 625 - LIGHT POLE FOUNDATION, 24 INCH X 8' DEEP, AS PER PLAN.

3. ALL WIRING IN POLE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

4. VERIFY COMPATIBILITY OF USE OF 2" CONDUIT SLEEVE WITH POLE MANUFACTURER

5. ALL POLES SHALL BE EQUIPPED WITH VIBRATION DAMPERS, GROUND LUG, POLE BASE COVERS, AND LEVELING NUTS

6. POLE FOUNDATION DETAIL IS BASED ON DETAIL DESIGN SUBMITTED FOR EXISTING TENNIS COURT LIGHT POLE BASES, CONTRACTOR TO DETERMINE THE DESIGN NEEDED FOR FOUNDATION FOR POLES TO BE INSTALLED AT LOCATIONS SHOWN BEFORE PROCEDING.



