

CITY OF LA VISTA
MAYOR AND CITY COUNCIL REPORT
FEBRUARY 7, 2023 AGENDA

Subject:	Type:	Submitted By:
CHANGE ORDER NO. 3 – PARKING GARAGE NO. 1 AND NO. 2	◆ RESOLUTION ORDINANCE RECEIVE/FILE	PAT DOWSE CITY ENGINEER

SYNOPSIS

A resolution has been prepared to approve Change Order No. 3 to the contract with Sampson Construction to provide for additional items of work for Garage No.1 and Garage No. 2 in the amount of \$63,411.44. The total contract price will not exceed \$12,533,686.87

FISCAL IMPACT

The FY23/FY24 Biennial Budget provides funding for this project.

RECOMMENDATION

Approval.

BACKGROUND

A contract was approved with Sampson Construction on September 22, 2021, to construct a four level, 500 stall parking garage on Lot 7 of La Vista City Center. Change Order No. 3 includes \$6,104.67 in additional stand piping that was required as part of the Fire Marshal's review comments, with the remaining \$57,306.77 to upgrade the lighting within the offsite parking signs and north portal entrance of Parking Garage No. 1. Including the lighting upgrades within the existing contract with Sampson allows for the City to realize contractual and supply chain efficiencies to complete the work. A list of the Change Order No. 3 items is attached.

Change Order No. 3 will increase the contract amount by \$63,411.44 for a revised total amount not-to-exceed \$12,533,686.87.

RESOLUTION NO. _____

A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF LA VISTA, NEBRASKA AUTHORIZING CHANGE ORDER NO. 3 TO THE CONTRACT WITH SAMPSON CONSTRUCTION, OMAHA, NEBRASKA, TO PROVIDE FOR ADDITIONAL ITEMS OF WORK FOR PARKING GARAGE NO. 1 AND PARKING GARAGE NO. 2 IN THE AMOUNT OF \$63,411.44. THE CONTRACT PRICE WILL NOT EXCEED \$12,533,686.87.

WHEREAS, the City has determined it is necessary for additions of work to the contract; and

WHEREAS, the FY23/FY24 Biennial Budget provides funding for the project; and

WHEREAS, the contract amount will increase by \$63,411.44 for a contract total of \$12,533,686.87 with change order number 3;

NOW THEREFORE, BE IT RESOLVED, by the Mayor and City Council of the City of La Vista, Nebraska, that the Mayor is authorized to execute the necessary documents for Change Order No. 3 to the contract with Sampson Construction, Omaha, Nebraska, to provide for additional items of work in the amount of \$63,411.44.

PASSED AND APPROVED THIS 7TH DAY OF FEBRUARY 2023.

CITY OF LA VISTA

Douglas Kindig, Mayor

ATTEST:

Pamela A. Buethe, MMC
City Clerk



AIA® Document G701™ – 2017

Change Order

PROJECT: (Name and address)	CONTRACT INFORMATION:	CHANGE ORDER INFORMATION:
10-17105-40_La Vista City Centre Parking Garage No. 2 LaVista, NE	Contract For: General Construction Date: September 22, 2021	Change Order Number: 03 Date: January 17, 2023
OWNER: (Name and address)	ARCHITECT: (Name and address)	CONTRACTOR: (Name and address)
City of LaVista 8116 Park View Blvd LaVista, NE 68128	DLR Group inc. (a Nebraska corporation) 6457 Frances Street, Suite 200 Omaha, NE 68106	Sampson Construction Co., Inc. 5825 South 14 th Street Lincoln, NE 68512

THE CONTRACT IS CHANGED AS FOLLOWS:

(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)

1. Labor and material to add lights to Parking Garage No. 1 per COR-11.	\$57,306.77
2. Add additional stand pipe per ASI #6 per COR-14.01.	\$6,104.67
Total: \$63,411.44	

The original Contract Sum was	\$ 12,514,000.00
The net change by previously authorized Change Orders	\$ -43,724.57
The Contract Sum prior to this Change Order was	\$ 12,470,275.43
The Contract Sum will be increased by this Change Order in the amount of	\$ 63,411.44
The new Contract Sum including this Change Order will be	\$ 12,533,686.87

The Contract Time will be unchanged by zero (0) days.

The new date of Substantial Completion will be August 30, 2023 per Pay App No. 013.

NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

DLR Group inc. (a Nebraska corporation)

ARCHITECT (Firm name)

SIGNATURE

Matthew Gulsvig

PRINTED NAME AND TITLE

January 17, 2023

DATE

Sampson Construction Co., Inc.

CONTRACTOR (Firm name)

SIGNATURE

David Cavlovic Vice President

PRINTED NAME AND TITLE

01/31/2023

DATE

City of LaVista

OWNER (Firm name)

SIGNATURE

PRINTED NAME AND TITLE

DATE

CHANGE ORDER REQUEST No. 0014.01
TITLE: ASI #6 - Add Stand Pipe

DATE: 11/29/22

TO: CITY OF LA VISTA
9900 PORTAL ROAD
LA VISTA, NE 68128

JOB: 21108

ATTN: Pat Dowse

PROJECT:

LaVista Parking Garage
Lot 7, City Center Replat 3, LaVista
City Centre, LaVista, NE 68128

DESCRIPTION: Add additional stand pipe per ASI #6.

Response is required within 10 working days to avoid schedule and/or cost implications.
Labor

Sampson Construction Co., Inc. - Project Management (1.5 hours @ \$85.00/hr plus 10% P&O of \$12.75)	140.25
Sampson Construction Co., Inc. - Supervision and Site Support (1 hour @ \$85.00/hr plus 10% P&O of \$8.50)	93.50

Material

Bond	525.92
BR Insurance	15.03

Subcontractors

Mahoney Fire Sprinkler - Fire Sprinkler	4,775.00
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Overhead

Profit & Overhead @ 10%	554.97
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TOTAL: 6,104.67

APPROVAL: By Approval of authorized parties below, Sampson Construction is authorized to proceed with this work and the cost listed above will be incorporated into a Change Order.

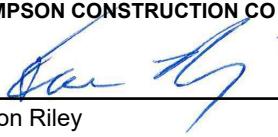
ACCEPTED:
CITY OF LA VISTA

By: _____

Pat Dowse

SAMPSON CONSTRUCTION CO INC

By: _____


Faron Riley

DLR GROUP

By: _____

Matthew Gulsvig

Date: _____

Date: _____

11/29/2022

Date: _____



AIA® Document G710™ – 2017

Architect's Supplemental Instructions

PROJECT: (name and address)	CONTRACT INFORMATION:	ASI INFORMATION:
10-17105-40 La Vista City Centre Parking Garage No. 2	Contract For: General Construction Date: September 22, 2021	ASI Number: 006 Date: October 20, 2022
OWNER: (name and address)	ARCHITECT: (name and address)	CONTRACTOR: (name and address)
City of La Vista 8116 Park View Blvd La Vista NE 68128	DLR Group inc. (a Nebraska corporation) 6457 Frances Street, Suite 200 Omaha, NE 68106	Sampson Construction Co., Inc. 10982 Cumberland Dr. Papillion, Nebraska 68046

The Contractor shall carry out the Work in accordance with the following supplemental instructions without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgment that there will be no change in the Contract Sum or Contract Time.

(Insert a detailed description of the Architect's supplemental instructions and, if applicable, attach or reference specific exhibits.)

NOTICE TO CONTRACTOR: Amend the Project Manual and Drawings to the above referenced project as follows:

PROJECT MANUAL:

NOTE: The following Specification Sections will show Deletions in RED and crossed out. All Additions will be in GREEN and underlined with the Modification number noted, Example – [ASI-006].

ITEM NO. 1. SECTION 033000 - CAST-IN-PLACE CONCRETE

A. Delete Section 033000 in its entirety and substitute new Section as shown on Attachment No. 1.

DRAWINGS

ITEM NO. 1. DRAWING P1.1 – PLUMBING PLAN, LEVEL 1

A. Delete Drawing in its entirety and substitute new Drawing as shown on Attachment No. P1.1.

ITEM NO. 2. DRAWING P1.2 – PLUMBING PLAN, LEVEL 2

A. Delete Drawing in its entirety and substitute new Drawing as shown on Attachment No. P1.2.

ITEM NO. 3. DRAWING P1.3 – PLUMBING PLAN, LEVEL 3

A. Delete Drawing in its entirety and substitute new Drawing as shown on Attachment No. P1.3.

ISSUED BY THE ARCHITECT:

DLR Group inc.
(a Nebraska corporation)

ARCHITECT (Firm name)

SIGNATURE

Matthew Gulsvig

PRINTED NAME AND TITLE

October 20, 2022

DATE



SECTION 033000 - CAST-IN-PLACE CONCRETE

Attachment No. 1
for ASI-006 dated
October 20, 2022

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:

1. Proportioning, mixing, conveying, placing, and finishing of cast-in-place concrete.
2. Installation of concrete accessories for cast-in-place concrete.
3. Installation of embedded items furnished under other sections.

- B. Related Requirements:

1. Section 014523 – Testing Agency.
2. Section 031100 – Concrete Formwork.
3. Section 031500 – Concrete Accessories.
4. Section 032000 – Concrete Reinforcing.
5. Section 033800 – Post-Tensioned Concrete
6. Section 033900 – Concrete Curing.

1.3 REFERENCES

- A. ACI 117 – Specifications for Tolerances for Concrete Construction and Materials.
- B. ACI 214 – Evaluation of Strength Test Results of Concrete.
- C. ACI 301 – Specifications for Structural Concrete.
- D. ACI 304 – Guide for Measuring, Mixing, Transporting and Placing Concrete.
- E. ACI 309 – Guide for Consolidation of Concrete.
- F. ACI 318 – Building Code Requirements for Structural Concrete.
- G. ACI CP 10 – Craftsman Workbook for ACI Certification of Concrete Flatwork Technician/Finisher
- H. ASTM C31 – Standard Practice for Making and Curing Concrete Test Specimens in the Field.
- I. ASTM C33 – Standard Specification for Concrete Aggregates.

- J. ASTM C39 – Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens.
- K. ASTM C42 – Standard Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete.
- L. ASTM C94 – Standard Specification for Ready-Mixed Concrete.
- M. ASTM C143 – Standard Test Method for Slump of Hydraulic Cement Concrete.
- N. ASTM C150 – Standard Specification for Portland Cement.
- O. ASTM C157 – Standard Test Method for Length Change of Hardened Hydraulic-Cement Mortar and Concrete.
- P. ASTM C172 – Standard Practice for Sampling Freshly Mixed Concrete.
- Q. ASTM C173 – Standard Test Method for Air Content of Freshly Mixed Concrete by the Volumetric Method.
- R. ASTM C227 – Standard Test Method for Potential Alkali Reactivity of Cement-Aggregate Combinations (Mortar-Bar Method).
- S. ASTM C231 – Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method.
- T. ASTM C260 – Standard Specification for Air Entraining Admixtures for Concrete.
- U. ASTM C457 – Standard Practice for Microscopical Determination of Air Void Content and Parameters of the Air Void System in Hardened Concrete.
- V. ASTM C494 – Standard Specification for Chemical Admixtures for Concrete.
- W. ASTM C618 – Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use as a Mineral Admixture in Concrete.
- X. ASTM C666 – Standard Test Method for Resistance of Concrete to Rapid Freezing and Thawing.
- Y. ASTM C672 – Standard Test Method for Scaling Resistance of Concrete Surfaces Exposed to Deicing Chemicals.
- Z. ASTM C 989 – Standard Specification for Ground Granulated Blast-Furnace Slag for Use in Concrete and Mortars.
- AA. ASTM C1077 - Standard Practice for Laboratories Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Laboratory Evaluation.
- BB. ASTM C1107 – Standard Specification for Packaged Dry, Hydraulic-Cement Grout (Non-shrink).

CC. ASTM C1218 – Standard Test Method for Water-Soluble Chloride in Mortar and Concrete.

1.4 SUBMITTALS

- A. Make submittals in accordance with requirements of Division 01.
- B. Mix Design:
 - 1. The mix design submittal shall include the following information in addition to the requirements of ACI 301:
 - a. Mix Design Designation: The title or name of the mix design that will appear on the batch tickets.
 - b. The specific concrete elements for which the mix design is intended for use.
 - c. Tests and Product data: Submit evidence demonstrating that mixtures meet all specified requirements.
 - d. The water/cementitious materials ratio.
 - e. Slump tests for the submitted mix prior to and after addition of superplasticizer (ASTM C143).
 - f. Air Content: For concrete mixes requiring entrained air, indicate anticipated air content at point of delivery based on the submitted air-entraining agent dosage.
 - g. Compressive Strength of the mix at seven (7), and 28 days (ASTM C39). For post-tensioned concrete mixes also submit a minimum of fifteen (15) tests (ASTM C39) showing the three (3) day compressive strength.
 - h. Shrinkage tests for post-tensioned concrete mix per Paragraph 2.2 J.
- C. Concrete Repairs: Submit samples of materials, product data, repair methods, and test data on proprietary compounds used for adhesion or patching ingredients to Engineer for review and approval before making concrete repairs.
- D. Jointing Plan Drawings: Submit drawings showing all planned construction joint locations for all cast-in-place concrete work. Coordinate approved jointing plans with other trades.

1.5 QUALITY ASSURANCE

- A. Work shall conform to the requirements of ACI 301, ACI 304, ACI 309 and ACI 318 except where more stringent requirements are shown on the Drawings or specified herein. The tolerances for the work shall be governed by ACI 117 and as specified or noted on the drawings.
- B. Ready-Mixed Concrete manufacturer shall be experienced in the manufacture and delivery of ready mixed concrete to projects of similar size and scope. The manufacturer and delivery of ready-mixed concrete shall comply with ASTM C94
- C. Contractor shall use only qualified flatwork finishers. At least one flatwork finisher shall be a certified ACI Flatwork Concrete Finisher/Technician as defined in ACI CP 10.

D. Testing Agency is responsible for conducting and reporting results of all tests required by Section 014523 and this Section. Contractor shall allow Testing Agency to perform all required tests prior to conveying concrete to the forms. Testing agency shall perform du-ties in a timely and expedient manner.

1.6 DELIVERY, STORAGE AND HANDLING

A. Products delivered to the site for use in concrete work shall be stored and handled to retain original quality of the products. Do not use products stored beyond the manufacturer's recommended shelf life.

B. Concrete mixtures delivered to the site shall be ready for conveyance, workable, finishable and shall have the specified properties. Addition of materials to the concrete to adjust mixture properties on site is allowed within the specified limits, but the specified time between batching and discharging concrete shall not be exceeded.

PART 2 - PRODUCTS

2.1 CONCRETE MATERIALS

A. Cement: ASTM C150, Type I. Use one brand throughout project.

1. For Post-tensioned Concrete: Blended Cement – ASTM C595, Type IP; “Duracem F” by the Ash Grove Cement Company, Louisville, Nebraska; or approved equal. Pozzolan content of blended cement shall not exceed 25% of cementitious materials.

B. Water: ASTM C94, clean, potable.

C. Aggregates (Normal Weight):

1. Coarse - Crushed and graded, non-reactive (alkali-aggregate) stone conforming to ASTM C33. Minimum class designations shall be 1S for all below grade construction and 5S for all other concrete. The nominal maximum aggregate size shall be 1 inch. No more than 10% of coarse aggregate shall be retained on 1 inch sieve.
2. Fine – Natural, non-reactive (alkali-aggregate) sand conforming to ASTM C33. Coal and lignite shall be limited to 0.5% by mass for fine aggregate of concrete exposed to view.

D. Fly Ash: ASTM C618, Class C or F with maximum loss on ignition of 3.0%, maximum retained on #325 sieve equal to 28%, and maximum water requirement as a percent of control equals 100%.

E. Admixtures: The following products are pre-approved; substitutions must be approved by Engineer.

1. Air Entraining: ASTM C260.
 - a. Micro-Air, Master Builders.

- b. Darex II or Daravair 1400, W.R. Grace.
- c. Protex AES, Protex Industries.

2. Water Reducing: ASTM C494, Type A.
 - a. Eucon WR-75 or WR-89, Euclid Chemical Company.
 - b. Pozzolith Polyheed 997, 220N or 322N, Master Builders.
 - c. WRDA with Hycol or Daracem 55, W.R. Grace.
3. Superplasticizer: ASTM C494, Type F.
 - a. Eucon 37, Euclid Chemical Company.
 - b. Rheobuild 1000, Master Builders.
 - c. WRDA - 19, W.R. Grace.
4. Non-chloride Accelerator: ASTM C494, Type C or E.
 - a. Accelguard 80, Euclid Chemical Company.
 - b. Pozzutec 20, Master Builders.
 - c. Polarset, W.R. Grace.
5. Corrosion Inhibitor: ASTM C494, Type C.
 - a. DCI or DCI S, W.R. Grace.
 - b. Rheocrete CNI, Master Builders
6. Each manufacturer shall certify compatibility of all admixtures combined in each mix design.
7. Calcium chloride or admixtures containing more than 0.05% chloride ions, by weight of admixture are prohibited

2.2 CONCRETE MIX REQUIREMENTS

- A. Specified strength (28-day compressive strength, f_c), maximum water/cement ratio, maximum slump, and required air contents are listed in the General Notes on the Drawings. Post-tensioned concrete mixtures shall also be designed to achieve a three (3) day compressive strength (ASTM C39) of 2,500 psi to accommodate specified stressing procedures (See Section 033800).
- B. Any concrete conveyed and placed by pumping shall contain an approved superplasticizer. Post-tensioned concrete shall contain an approved superplasticizer and corrosion inhibitor. Corrosion inhibitor shall be incorporated in the mix at the rate of three (3) gal/cubic yard
- C. Concrete flatwork placed when air temperature is below 50 degrees F. shall contain an approved non-chloride accelerator.

- D. Concrete exposed to freezing and thawing, in service condition, shall contain a minimum of 6 sacks (564 lbs.) of cement per cubic yard of 4000 psi concrete and 7 sacks (658 lbs.) of cement per cubic yard of 5,000 psi concrete. Post-tensioned concrete shall contain a minimum of 658 lbs. of approved blended cement. The column mix design may also utilize specified blended cement.
- E. Fly ash is permitted in concrete for pile caps, footings, grade beams and walls only. Limited amounts of fly ash may be used to aid pumping of slab on grade mixes. Where permitted, fly ash as a percentage of total cementitious materials shall not exceed 20%. Fly ash shall not be used in a mix containing blended cement.
- F. Total aggregate in mix shall be approximately 60% course and 40% fine.
- G. Concrete that will receive superplasticizer shall arrive at job site with a slump of 2"-3". After Testing Agency verifies slump, superplasticizer shall be added such that concrete will have a slump of 7 inches ± 2 inches when deposited in forms. Slump shall not exceed 9 inches.
- H. Water-soluble chloride ion content (by weight of cement) of concrete mixes shall not exceed 0.15% for conventional concrete and 0.06% for post-tensioned concrete (ASTM C1218).
- I. The air void system of all air entrained concrete shall have the following properties: a maximum air void spacing factor of 0.0080 inches, and surface area of air voids shall be a minimum of 600 in.² per cubic inch of air void volume (ASTM C457).
- J. For post-tensioned concrete the length change (ASTM C157 as modified below) at 28 days air drying shall not exceed 0.035% for the average of the specimens and 0.040% any individual specimen. Shrinkage testing per ASTM C157 shall be modified as follows:
 - 1. Moist cure specimens for 7 days after casting and then air dry specimens for 28 days.
 - 2. Measure and report length changes of specimens after 4, 7, 14, 21, and 28 days of air drying.

2.3 GROUT

- A. Grout compressive strength shall be 6000 psi at 28 days (ASTM C109).
- B. Grout shall be non-corrosive (chloride free), non-metallic, and non-shrink conforming to ASTM 1107. Acceptable products include the following:
 - 1. NS Grout, Euclid Chemical Company.
 - 2. Five Star Grout, U.S. Grout Corp.
 - 3. 588-10K, W.R. Meadows.
 - 4. Sure-Grip Grout, Dayton Superior Corp.
 - 5. Conspec 100, Dayton Superior Corp.

2.4 REPAIR MATERIALS

- A. Retain one or more paragraphs in this article to suit steel reinforcement requirements. Distinguish locations of each type of reinforcement here or on Drawings. If retaining Part 2 "Performance Requirements" Article, consider reviewing selections with fabricators.
- B. Bonding Agent: Use a bonding admixture to create a latex-modified bonding slurry in accordance with manufacturer recommendations. Acceptable bonding admixtures: "SBR Latex" or "Flexcon", Euclid Chemical Co., "Acryl 60", BASF, or "Sika Armatec 110 EpoCem", Sika Corp.
- C. Epoxy Adhesive: Two component, 100% solids, 100% reactive compound suitable for use on dry or damp surfaces, "Euco #452 or Euco #620", Euclid Chemical Co. or "Sikadur 32 Hi-Mod", Sika Corp.
- D. Patching Mortar: Free-flowing, polymer-modified cementitious coating, "Thin Coat", Euclid Chemical Co. or "SikaTop 122 Plus", Sika Corp.
- E. Repair Topping: Self-leveling, polymer modified high strength topping, "Thin Top Supreme", Euclid Chemical Company or "SikaTop 121 Plus", Sika Corp.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Do not place concrete on frozen ground. Verify that subgrade meets Project's earthwork requirements.
- B. Clean all forms, reinforcing and embedded items of snow, ice dust and other foreign materials before placing concrete.
- C. Set screed guides at flatwork to the proper heights to assure required slab thickness, top of slab elevation and slope. Screed guides shall not interfere with proper placement of any permanently embedded items required in the finished concrete work. Edge forms may be used as screed guides provided that the form edge is dressed and properly supported.
- D. For concrete conveyed and placed by pumping, provide means to support the pump hose above the placement area. Pumping hose shall not be allowed to contact, displace or disturb tendons, anchors, reinforcing bars or other structural embedments.

3.2 DELIVERY, DISCHARGE AND CONVEYANCE

- A. Delivery Time: Concrete transported by truck mixer shall be completely discharged within 1½ hours after water has been added to cement or cement has been added to aggregates. Time limit is reduced for concreting in hot weather (See Section 033900).

- B. Batch ticket: Furnish batch ticket for each truck load delivered. The batch ticket (per ASTM C94) shall include detailed, as-batched proportions of all materials including total mixing water. The mix designation shown on the batch ticket shall match the designation shown on the approved mix design submittal. The reading of the revolution counter shall be recorded on the ticket when water is batched, or when cement and aggregate are combined.
- C. Mix Adjustment at point of delivery:
 - 1. Slump: Water shall not be added to a mix after a superplasticizer has been batched or added to a mix. Adding water to a mix is strictly prohibited except as allowed by ACI 301 (See "Slump Adjustment"). Use an approved superplasticizer.
 - 2. Air Content: Use an approved air entraining agent.
 - 3. Any materials added to the mix on site shall be accurately measured and recorded on the batch ticket. The mixing drum shall be turned to achieve the required mix uniformity and the adjusted mix shall be resampled by the Testing Agency for conformance prior to discharge.
- D. Concrete shall not be placed prior to verification of conformance with Project Specifications. See Field Quality Control below. Contractor shall maintain communications with Testing Agency personnel so that mix discrepancies can be quickly corrected.
- E. Conveying equipment shall be in good working condition. The conveying equipment surfaces in contact with concrete shall be clean and free of hardened concrete and other de-bris. Do not allow conveyance operations to damage other work.
- F. Rapidly convey concrete from mixer to the place of final deposit by methods that prevent segregation or loss of ingredients and ensure quality concrete.

3.3 INSTALLATION

- A. Temperature of concrete as placed shall not exceed 90 degrees F. Post-tensioned concrete shall not be placed when the ambient air temperature is above 90-deg F.
- B. Hot-weather Concreting (ACI 305R) and Cold-weather Concreting (ACI 306R): See Section 033900.
- C. Depositing and Consolidating:
 - 1. Deposit and consolidate concrete to provide quality uniform concrete without segregation weakened planes, or cold joints.
 - 2. Concrete deposited in dropped forms for beams, girders, column capitals and drop panels shall be placed and consolidated monolithically with the slab above them.
 - 3. Consolidate concrete by vibration using means that prevent air pockets, honeycombing, pitting or weakened planes. Thoroughly consolidate around lapped reinforcing, form corners or other similarly tight places to ensure proper reinforcing bond and quality surface finish. Use vibrating equipment with non-metallic heads when vibrating near epoxy coated reinforcing. Provide proper vibration and consolidation of concrete around tendon anchorages, especially at congested areas such as beam/column joints.

D. Screeing methods at flatwork shall produce slabs with the proper thickness, elevation and slope and shall be appropriately planned to allow for finishing operations. Screed guides shall be removed from plastic concrete prior to finishing operations. Post-tensioned slabs and beams contain high performance concrete which must be placed and finished as quickly as possible

E. Finishing:

1. Flatwork:

- a. Bullfloat immediately after screeding.
- b. Provide broom finish per ACI 301 as soon as bleed water has disappeared. Architect and Owner will approve finish on first slab on grade placement.
- c. Finishing tolerance shall be measured using the 10-ft Straightedge Method per ACI 301. Floor surface shall be classified as "Flat: 1/4" at 90%, 3/8" at 100%" for tolerance determination. The contractor shall verify finish surface is within specified tolerance within 72 hours after slab finishing and before removal of supporting formwork or shoring.
- d. All slabs shall be finished to proper elevations so that water flows to drains and so that no puddles exist.

2. Formed Surfaces: See Section 031100

3. Unformed surfaces other than top surface of flat work: Place concrete at a rate that allows spreading, straight-edging, and darbying or bullfloating before bleed water appears. Strike surfaces smooth and float them to a texture consistent with the finish of adjacent formed surfaces. Top of foundation or other buried unformed surfaces are to be straight-edged and bullfloated to form a level surface. Provide a roughed surface at the base of walls or other joints where called for on the drawings.

F. Joints:

1. Provide control and isolation joints as located and detailed on the Drawings.
2. Provide construction joints as detailed on the drawings at approved locations only. Guidance for acceptable construction joint locations is shown on the drawings. Thoroughly clean and dampen joints prior to placement of fresh concrete to enhance bonding. Where a bonding agent is called for on the drawings, thoroughly scrub the joint with an approved bonding agent prior to placement of fresh concrete.
3. Tool or "soff-cut" joints at time of finishing.
4. Coordinate configuration of joints with control joint sealants.

3.4 CONCRETE REPAIRS

- A. Report all defects, including all cracks that exceed specified tolerances, to the Engineer to determine if defects can be classified as minor defects or if the defects affect structural integrity (Structural Defects). See Section 031100 for specified formwork tolerances.
- B. Minor Defects.
 1. At exposed exterior surfaces, submit and obtain approval of repair methods from the Architect.

2. At unformed surfaces of interior flatwork, submit and obtain approval of repair methods from the Engineer.
3. At other formed or unformed surfaces, grind smooth all projecting form offsets or fins over specified tolerances. Grind down or patch up the top of concrete surfaces to within tolerance of specified elevation.
4. Random Cracks: Repair all random slab cracks in accordance with procedures and materials specified in Section 071000. Alternatively, submit proposed materials and procedures for approval. Receive Engineer's approval of materials and procedures prior to application.

C. Structural Defects

1. Receive written acceptance by Engineer of repair methods and materials before making structural repairs to concrete.

3.5 FIELD QUALITY CONTROL (TESTING AGENCY)

A. Slump:

1. Conduct one slump test per truck load of ready mixed concrete delivered to Project at point of delivery.
2. When superplasticizer is used, initial slump must be verified by Testing Agency prior to the addition of superplasticizer.

B. Air Content:

1. At point of delivery, sample freshly-mixed concrete in accordance with ASTM C172 and conduct one air content test in accordance with ASTM C231 or ASTM C173 for each truck of ready-mix, air-entrained concrete delivered to Project.
2. Concrete shall be re-tested for air content after any admixtures or other materials are added that modify the slump or air entrainment.

C. Concrete Compressive Strength:

1. Sample plastic concrete for molding of test cylinders at point of ~~final placement~~delivery, in accordance with ASTM C172. The sample frequency shall be as follows: [ASI-006]
 - a. Test cylinders for specified strength verification:
 - 1) Sample each 100 cubic yards or 5,000 square feet (whichever is less), or fraction thereof, of each mix design of concrete placed in any one day.
 - 2) If the total volume of a mix design on the project is less than 500 cubic yards then take samples from at least five randomly selected batches or from each batch if fewer than five batches are used.
 - b. See Specification Section 033900 for sampling rate where additional test cylinders are required for cold weather concreting procedures,

- c. At Contractor's option and cost, additional cylinders may be taken to verify concrete strength prior to form removal. Take samples for this purpose at locations directed by the General Contractor.
2. Mold 4" diameter by 8" long test cylinders in accordance with ASTM C31 as follows:
 - a. Mold a minimum of six (6) test cylinders for verification of specified compressive strength.
 - b. Mold additional cylinders required for cold weather concreting per Section 033900.
 - c. Mold quantity and size of additional cylinders for form removal strength verification as directed to by the General Contractor.
 - d. Mold three (3) additional cylinders for post-tensioning stressing strength verification if Maturity Method is not utilized for stressing strength verification.
3. Cover cylinder specimens properly, immediately after finishing. Protect outside surfaces of cardboard molds, if used, from contact with sources of water for first 24 hours after molding.
4. Cure test cylinders per ASTM C31 as follows:
 - a. Standard-Cured Cylinders: To verify 28-day compressive strength:
 - 1) During first 24 hours after molding, store test cylinders under conditions that maintain temperature immediately adjacent to cylinders in range of 60 to 75 degrees F. and prevent loss of moisture from cylinders.
 - 2) Remove test cylinders from molds at end of 20 +/- 4 hours and store in moist condition at 73.4 +/- 3 degrees F. until time of test. Laboratory moist rooms shall meet requirements of ASTM C511.
 - b. Field-Cured Cylinders: To verify compressive strength prior to form removal, post-tensioned concrete stressing or for additional test cylinders required due to cold weather concreting conditions:
 - 1) Store test cylinders on structure as near to point of sampling as possible and protect from elements in same manner as that given to portion of structure as cylinders represents.
 - 2) Transport to test laboratory no more than 4 hours before testing. Remove molds from cylinders immediately before testing.
5. Test cylinders to failure under Compression in accordance with ASTM C39 as follows:
 - a. Specified strength verification: Test one (1) cylinder at 7 days, three (3) cylinders at 28 days, and hold two (2) cylinders in reserve for testing as directed by the Engineer.
 - b. Additional cold weather cylinders: See Section 033900.
 - c. Additional form removal cylinders: Test when directed by the General Contractor.
 - d. Additional post-tensioning stressing cylinders, if applicable: Test when directed by the General Contractor.

3.6 ACCEPTANCE OF CONCRETE:

- A. Concrete shall be evaluated for adherence to all specified strength and durability requirements. If specified concrete tests are not performed or if test results for any type of concrete fail to meet specified requirements, samples of in-place, hardened concrete may be required as directed by Engineer. Concrete compressive strength will be evaluated by Engineer in accordance with ACI 301, Article 1.6.7. Durability of the concrete shall be evaluated for acceptance based on adherence to all specified parameters that affect durability including air content, curing methods (See Section 033900) and clear cover.
- B. Core samples, when required, shall be taken, tested and evaluated for acceptance in accordance with ACI 301, Article 1.6. Other concrete samples required to perform air-void system evaluations or other quality tests shall be taken as directed by the Engineer.
- C. Should tested concrete meet Specifications, Owner will pay for coring and testing of hardened concrete. Should tested concrete not meet Specifications, Contractor shall pay for coring and testing of hardened concrete and for any corrective action that may be required.

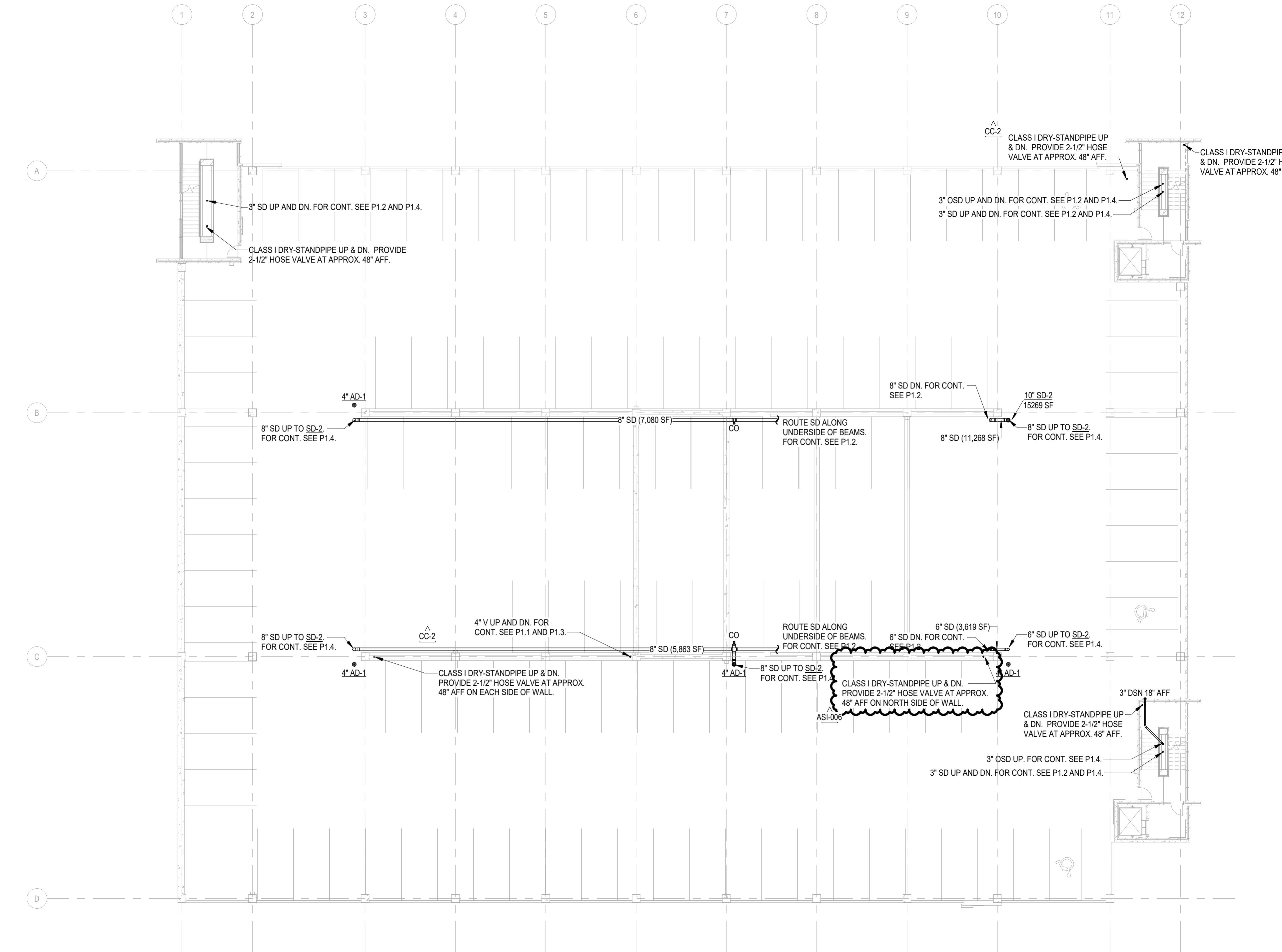
END OF SECTION 033000

Lot 7, City Center, Bldg 3,
La Vista, Nebraska 68128

84TH STREET REDEVELOPMENT AREA PUBLIC IMPROVEMENT REDEVELOPMENT PROJECT OFFSTREET PARKING DISTRICT NO. 2 - STRUCTURE NO. 2

CONSTRUCTION
DOCUMENTS
JUNE 17, 2021
Revisions
CC-2 7/21/2021
AS-006 10/20/2022

10-17105-40
PLUMBING PLAN,
LEVEL 3



PLUMBING PLAN, LEVEL 3

SCALE: 1/16" = 1'-0"

Mahoney Fire Sprinkler, Inc.

5004 S. 110th Street | Omaha, NE 68137

402/553-1221 Fx 402/553-4545

October 28, 2022

Sampson Construction
3730 S. 14th Street
Lincoln, NE 68502

Ph: 402/827-5600
Fax: 402/827-5601

Project: LaVista Parking Garage – Omaha, NE

Mahoney Fire Sprinkler, Inc. tenders the following, in response to your request for changes in the base bid: Add Standpipe #6 and corresponding hose valves to the scope, per ASI-6.

Changes include; **Cost** for materials, freight, labor, & equipment associated with Additional Standpipe.

Material.....	\$2,600.00
Labor.....	\$1,220.00
Overhead.....	\$477.50
Profit.....	\$477.50
Total.....	\$4,775.00

PRICE: The price for the work to be **Added** by Purchaser shall be **Four Thousand Seven Hundred Seventy Five Dollars.....\$4,775.00**.

Please call if you have questions.

Mahoney Fire Sprinkler, Inc.

Bob Mahoney

President

Accepted by: _____

Title: _____

Date: _____

C/O # A

CHANGE ORDER REQUEST No. 0011

TITLE: Garage 1 Lighting **DATE:** 8/10/22
TO: CITY OF LA VISTA **JOB:** 21108
9900 PORTAL ROAD **PROJECT:**
LA VISTA, NE 68128 LaVista Parking Garage
ATTN: Pat Dowse Lot 7, City Center Replat 3, LaVista
Clty Centre, LaVista, NE 68128

DESCRIPTION: Labor and material to add lights to Garage 1.

Response is required within 10 working days to avoid schedule and/or cost implications.

Labor

Sampson Construction Co., Inc. - Project Management (1 hour @ \$85.00/hr plus 10% P&O of \$8.50) 93.50
Sampson Construction Co., Inc. - Supervision and Site Support (1 hour @ \$85.00/hr plus 10% P&O of \$8.50) 93.50

Material

Bond 4,937.00
BR Insurance 141.06

Subcontractors

IES Commercial, Inc. - Lighting 38,846.00
SGH Redglaze Holdings - Removal and Replace Metal Panels 7,986.00

Overhead

Profit & Overhead @ 10% 5,209.71

TOTAL: 57,306.77

APPROVAL: By Approval of authorized parties below, Sampson Construction is authorized to proceed with this work and the cost listed above will be incorporated into a Change Order.

ACCEPTED:

CITY OF LA VISTA

SAMPSON CONSTRUCTION CO INC

DLR GROUP

By:

By: *John*

By:

Pat Dowse

Caron Riley

M. M. Saito

Date:

Date: 08/10/2023

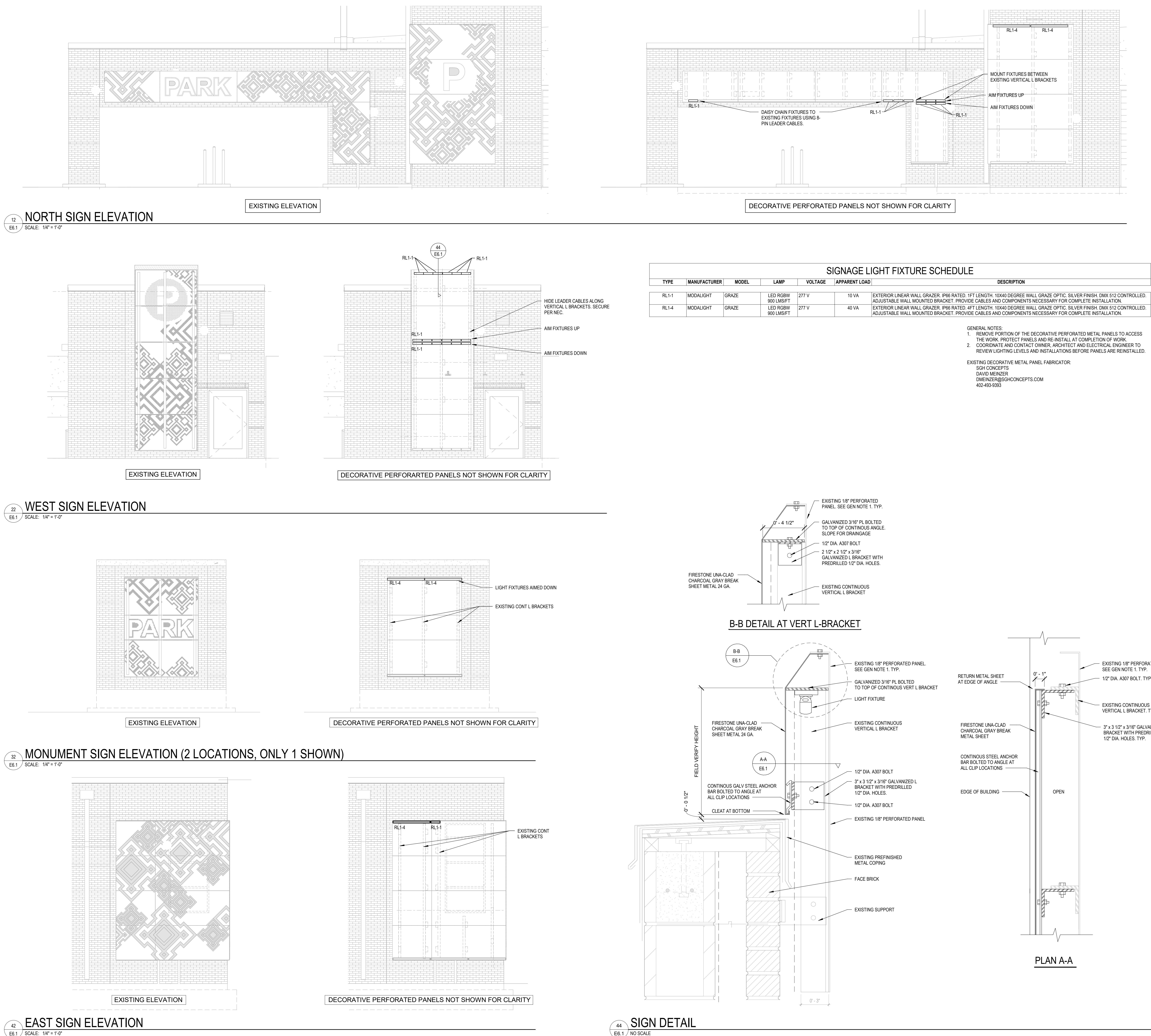
Date:

08/10/2022

SIGNAGE DETAILS
84TH STREET REDEVELOPMENT AREA PUBLIC IMPROVEMENT REDEVELOPMENT
PROJECT OFFSTREET PARKING DISTRICT NO. 2-STRUCTURE 1

E6.1

10-17105-040
04/01/2020
Revisions



**IES Commercial Inc.
dba Shanahan M&E**

5045 Russell Circle
Lincoln, NE 68507

Proposed Change Order # 1

Title: Provide additional lighting at garage 1 as shown on sheety E6.1 This proposal does not include removal of existing perforated panels. **Date:** 8-Aug-22

Project: LaVista Garage **Job:** 562022003

To: Sampson Construction **Contract #:** 1
10982 Cumberland DR
Papillion NE 68046
402-827-5600

Item	Description	Quantity	Units	Unit Price	Net Amount
00001	Sheetmetal Material	1	Lot		
00002	Plumbing & Piping Material	1	Lot		
00003	Electrical Material	1	Lot	26,231.00	26,231.00
00004	Sheetmetal Labor		Hours	74.00	
00005	Plumbing & Piping Labor		Hours	74.00	
00006	Electrical Labor	102	Hours	74.00	7,548.00
00007					
00008					
00009					
00010					
00011					
00012					
00013					
00014					
00015					
00016					
00017					
00018					
00019	Sales Tax (if applicable)	1	Lot		
00020	Mark Up on Self Performed Work	1	Lot	5,066.85	5,066.85
00021	Mark up on Subcontractors	1	Lot		
00022	Bond (if applicable)	1	Lot		


Total 38,846.00

8/9/22

Submitted By

Date

LABOR & MATERIAL ESTIMATE SHEET

DESCRIPTION: LaVista Garage

Provide additional lighting at garage 1 as shown on sheety E6.1 This proposal does not include removal of existing perforated panels.

DATE:

SYSTEM:

SPEC. SEC.

PAGE #:

CLARIFICATIONS to IES PCO 1

North Sign Elevation

- RL1-1 fixtures will be connected to existing fixtures using 1ft cords
- RL1-4 fixtures will be provided with one new DMX splitter / repeater and DMX signal will be derived from fixtures at entry

West Elevation

- RL1-1 fixtures added to existing fixture using 25' cable. No additional DMX splitter / repeater will be provided

Monument Signs (2)

- RL1-4 fixtures added connected to existing fixture using 25' cable. No additional DMX splitter / repeater will be provided

East Elevation

- RL1-1 and RF1-4 fixtures added connected to existing fixture using 25' cable. No additional DMX splitter / repeater will be provided

CED#4172 - DBA WHITE ELECTRIC SUPPLY

WHITE ELECTRIC SUPPLY CO.

440 BLUE HERON CT.

LINCOLN NE 68522

TEL: 402 476-7587 FAX: 402 476-7589

CONTACT: DOHNOUTKA

QUOTE FOR: SHANAHAN MECH & ELECTRIC

ACCT #: 43-54679 SHANAHAN MECH & ELEC

5045 RUSSELL CIRCLE

LINCOLN, NE 68507

TEL: (402) 784-2381

QUOTATION		PAGE	
QUOTE #	DATE	REV #	REV DATE
1023696	07/22/22	001	07/22/22
QUOTE EXPIRES		PREPARED BY	
08/21/2022		DO	
SLS		INSL	
2504		2504	
FOB		FREIGHT	
SHIPPING POINT		PREPAID	

CUS PO #:

JOB NAME:
LAVISTA PARKING 2

LN	QTY	MFR	CATALOG #	DESCRIPTION	PRICE	UOM	EXT AMT
01	*		TYPE RL1-1				
02	28	MODA	MGE-HO-RGB35-1-140		296.50	E	8,302.00
03	7	MODA	MLCE-US-8PIN-B-25FT		103.55	E	724.85
04	3	MODA	MHCE-US-8PIN-B-1FT		36.50	E	109.50
05	1	MODA	MTE-8PIN-B		18.85	E	18.85
06	*		TYPE RL1-4				
07	4	MODA	MGE-HO-RGB35-4-140		941.20	E	3,764.80
08	2	MODA	MLCE-US-8PIN-B-25FT		103.55	E	207.10
09	2	MODA	MTE-8PIN-B		18.85	E	37.70
10	*		TYPE RL1-1/RL1-4				
11	1	MODA	MGE-HO-RGB835-4-140		941.20	E	941.20
12	1	MODA	MGE-HO-RGB35-1-140		296.50	E	296.50
13	1	MODA	MLCE-US-8PIN-B-25FT		103.55	E	103.55
14	1	MODA	MTE-8PIN-B		18.85	E	18.85
15	*		DMX CONTROLS				
16	1	MODA	250-0040-01	KANDI TOUCH	1,629.40	E	1,629.40
17	1	MODA	250-0155-01	DMX SPLITTER/REPEATER	3,282.35	E	3,282.35
18	1	MODA	250-0252-02	1000FT CABLE	2,417.65	E	2,417.65
19	8	MODA	PROGRAMMING		160.00	E	1,280.00

2 - J box

7 - Program

TOTAL: 23,134.30

PLEASE NOTE: THIS IS NOT AN OFFER TO CONTRACT, BUT MERELY A QUOTATION OF CURRENT PRICES FOR YOUR CONVENIENCE AND INFORMATION. ORDERS BASED ON THIS QUOTATION ARE SUBJECT TO YOUR ACCEPTANCE OF THE TERMS AND CONDITIONS LOCATED AT SALES.OUR-TERMS.COM, WHICH WE MAY CHANGE FROM TIME TO TIME WITHOUT PRIOR NOTICE. WE MAKE NO REPRESENTATION WITH RESPECT TO COMPLIANCE WITH JOB SPECIFICATIONS.



SGH
concepts

a division of
SGH Redglaze Holdings, Inc.

PROPOSAL

SUBJECT: 84th Street Redevelopment Area

Public Improvement Redevelopment Project
Singage Lighting Fixture Existing Structure # 1
La Vista, NE.

Date: 7/21/22**AS DIRECTED:****PER INFORMATION CONTAINED ON SHEET E6.1**

MATERIALS	\$ 2,950.00
LABOR (54 HOURS)	\$ 3,510.00
EQUIPMENT	\$ 800.00
OVERHEAD & PROFIT	\$ 726.00
TOTAL ADD	\$ 7,986.00

This proposal is void 30 days from the above date. We reserve the right to revise our pricing accordingly after that date, if necessary.

Respectfully submitted,

David E. Meinzer

David E. Meinzer

Attachment: SGH Concepts, A Division of SGH Redglaze Holdings, Inc. Standard Terms and Conditions of Sale

Proposal Accepted: _____

Client Authorized Representative Signature

Print Name

Date of Acceptance: _____

SGHRedglaze.com

SGHinc.com

TF 844.255.9393

Omaha-Headquarters
742 N. 109th Ct.
Omaha, NE 68154
P 402.493.9393
F 402.493.5934

Des Moines
3345 106th Cir.
Urbandale, IA 50322
P 515.226.1155
F 402.493.5934

Kansas City
1800 NW Vivion Rd.
Kansas City, MO 64150
P 816.452.4646
F 816.746.4430

Minneapolis
2901 Metro Dr., Ste. 213
Bloomington, MN 55425
P 612.287.9780
F 402.493.5934

Denver
13275 E. Fremont Pl., Ste. 340
Centennial, CO 80112
P 720.370.9220
F 402.493.5934

Billings
1113 Central Ave.
Billings, MT 59102
P 406.652.2555
F 406.652.4441