ADDENDUM 01

Issued: June 26, 2025

RE: Boney Courthouse Parking Garage Restoration

FROM:
Alaska Court System
820 West 4th Avenue
Anchorage, Alaska 99501
Eddie Hebert, Project Manager
(907.264.8284)

PREPARED BY:
MCG Explore Design
421 W First Ave, Ste 300
Anchorage, Alaska 99501
(907.563.8474)

TO: Prospective Bidders

This addendum forms a part of the Contract Documents and modifies the original Bidding Documents and Drawings dated 6/6/2025, as noted below. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of four (4) pages and (5) drawings.

CHANGES TO PRIOR ADDENDA:

N/A

CHANGES TO BIDDING REQUIREMENTS:

N/A

CHANGES TO CONDITIONS OF THE CONTRACT:

N/A

CHANGES TO SPECIFICATIONS:

REVISE section 09 9113 Exterior Painting and ADD specification section 09 9123 Interior Painting, refer to Changes to Drawings below.

CHANGES TO DRAWINGS:

Sheet S001 DELETE Floor Covering description in its entirety and ADD Traffic Coating description. Refer to attached revision to S001.

Sheet S102 REVISE Sheet Note 5. Refer to attached revision to S102.

Sheet S501 REVISE callout on Detail 4. Refer to attached revision to S501.

Sheet A011 REVISE specification section 09 9113 Exterior Painting and ADD specification section 09 9123 Interior Painting.

ADD Sheet A012 to accommodate additional specifications included on Sheet A011.

BIDDER QUESTIONS:

1. Question: *The product specified is not a product of the United States. Are we to propose a traffic coating for the project?*

   Response: Intent is to permit use of locally available product. Applied finish shall be traffic coating in lieu of floor covering. Refer to drawing revision as noted under Changes to Drawings.

2. Question: *The specifications in Section 09 9113 call for painting exterior surfaces exposed to view, unless otherwise indicated. Please confirm whether the intent is to repaint the interior of the stairwells only.*

   Response: Section 09 9113 revised to indicate scope of this section applies to parking striping only. Section 09 9123 added to address interior painting of stairwell.

3. Question: *Per Detail 4/S501, the drawings indicate an 8" minimum from the center of the T-beam joint to the center of the expansion anchor. Given that the steel plate is 12"x12", this spacing appears to be incorrect. Please advise.*

   Response: The width of the plate is to be 1’-10”, to provide 8” min edge distance, and provide clearance for gap between T-beams. The detail will be updated.

4. Question: *Per Detail 4/S501, the drawings indicate four (4) expansion anchors on each side of the joint. Fabricators have noted that installing a total of eight (8) expansion anchors may be challenging given the 12" x 12" plate dimensions. Please confirm whether eight (8) total expansion anchors per plate are required.*

   Response: A total of (4) per plate is intended. The detail will be updated.

5. Question: *Will the Alaska Court System's facility maintenance team clean out the existing trench drains of all debris prior to the start of construction?*

   Response: Yes, Alaska Court System will perform cleaning of existing trench drains prior to contractor beginning work.

6. Question: *Please confirm the required length, width, and depth of the new trench drain grate. If it is intended to match the existing grate, please provide the dimensions of the existing trench drain grate.*

   Response: The intent is to match the dimension of the existing grate. No as-built information is available for grate dimensions; scaled mechanical plans provide approximate size, contractor to field verify final grate size prior to construction.

7. Question: *Please confirm the length, width, and depth of the existing expansion joint opening.*

   Response: Intent is to match dimension of the existing expansion joint. No as-built information is available on the joint size. Expansion joint is approximately 6” +/-, and runs continuously from Grid A to C. It appears to be the full depth of the slab. The vertical portion to be sealed per Sheet Note A11 on A102 is approximately 4 feet length. Field verification is required by the contractor prior to construction.

8. Question: *The project manual and drawings do not include a fire protection specification. Please confirm whether a fire protection spec applies to this project, given the demolition of fire hose cabinets, associated piping, and the capping of fire sprinkler piping.*

Response: Fire suppression specifications are not required; the only work related to the sprinkler system is demolishing abandoned cabinets and capping piping, no new work is to be completed.

9. Question: *Sheet M101 indicates a 2" standpipe hose connection, whereas standard hose connections are typically 2½". Please confirm a 2½" hose connection is acceptable.*

   Response: M101 indicates standpipe sizes for reference only, no modifications or new standpipe connections are required.

10. Question: *Has any lead or asbestos testing been done for the existing line striping or concrete overlay scrim and/or concrete?*

    Response: No testing has been completed on any portion of the existing structure. Contractor shall perform assessment of existing materials to be removed. **All bidders shall carry cost of testing in bids.** Any remediation will be addressed after contract award and testing results.

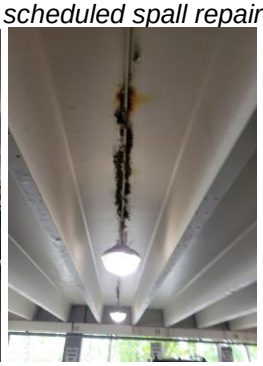
11. Question: *Sheet S102 calls for various areas of concrete spall repair per detail 3 prior to placement of plates. This type of repair is exceptionally difficult for the contractor to quantify based on visible conditions and requires a significant contingency to responsibly price. Can a unit rate allowance be included for spalls repair areas that are not visible until chipping has begun?*

    Response: This is structurally acceptable.

12. Question: *The Sikafloor system specified is an excellent system but is relatively constrained by temperatures of the air and surface. Will alternate chemistries be allowed if successful projects of similar service in comparable climates can be provided?*

    Response: Alternate chemistries may be provided for review by the design team.

13. Question: *Based on field observations, it appears that this conduit/conductor will need to be removed and replaced to support the scheduled spall repair. Please advise.*


    Response: Remove conduit/conductors and salvage light fixtures. Reinstall new conduit/conductors and existing light fixtures. At contractor's option, existing conductors can be reused.

14. Question: *During the walkthrough, it was discussed that we would be allowed to close one level of the garage at a time during normal business hours. However, the project manual states: "Contractor shall schedule any Work which could interfere with the Owner's operation to be conducted after ACS Normal Working Hours. Specific schedules and Work activities which will be required to be performed after Normal Work Hours on garage level not part of temporary closure are: 1. All demolition work. 2. Any concrete drilling or saw cutting. 3. Any water, heat, or power*

shut offs. 4. All work with loud power tools. 5. All fire alarm and security system disruption or testing." Can you please confirm if any of the above-listed work may still be performed during normal business hours if we fully close off a level of the garage?

Response: Activities listed can be performed on the level under temporary closure. The intent is for the limitations to be applied as stated only, "*on garage level not part of temporary closure*" such that one level shall remain usable and operable to Owner.

15. Question: *Sheet E102, there is a note calling for demolition of sprinkler piping with heat trace. The sprinkler piping is not shown on the drawings, and our subcontractors require piping to be shown on the construction drawings in order to determine the quantity and efforts associated with the removal. Please clearly define the quantities associated with this work.*

    Response: Sprinkler piping comes up from the floor level and then connects to abandoned fire hose cabinet. No as-built information exists. The intent is to remove the piping from floor to ceiling. It does not appear that any other sprinkler piping other than these direct supply lines to each fire hose cabinet is present. Contractor shall field verify all existing conditions.

16. Question: *The fire hose cabinets and their associated piping, along with sprinkler piping, are all noted for demolition—can you confirm if this system is currently abandoned? We plan to cap the lines at grade and need to verify if they are still active with water. Additionally, there has been confusion regarding whether this scope falls under Division 21 (Fire Protection) or Division 22 (Plumbing). The drawings identify sprinkler piping demolition, but no Division 21 specifications are provided, which suggests it may be considered plumbing work. However, when coordinating with plumbing subcontractors, they indicate this must be completed by a fire sprinkler subcontractor. Conversely, fire sprinkler subs are identifying it as plumbing scope. Please clarify the design intent.*

    Response: Cabinets are assumed to be abandoned and no longer in use, but whether the piping has water in it is not known. No as-built information is available that would indicate how those cabinets tie in to the water riser that supplies the garage. Contractor shall determine delineation of work between subcontractors.

17. Question: *The drawings specify a Watts DLG-RSP stainless steel trench drain cover. However, this model is only manufactured in 6" (5-1/4" actual) and 12" (11-1/4" actual) widths. The existing trench drain is 8-1/2" wide, for which we have been unable to find a compatible stainless steel, traffic-rated alternative from any manufacturer. Given that the specified product is not available in the required width, please advise.*

    Response: No as-built information is available to determine the exact size of the existing trench drain grate. A preliminary search of traffic grade trench drain covers does appear to indicate an 8 inch width is available. Contractor shall field verify existing conditions after award, and if necessary submit a question or propose an alternative.

END OF ADDENDUM 01

STRUCTURAL GENERAL NOTES

GENERAL
THE CONTRACTOR MUST VERIFY AND COORDINATE ALL DIMENSIONS AMONG THE DRAWINGS BEFORE STARTING ANY WORK OR FABRICATION. IN CASE OF DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS, REFERENCE STANDARDS, SITE CONDITIONS OR GOVERNING CODE, THE MORE STRINGENT REQUIREMENTS MUST GOVERN. CONTRACTOR MUST NOTIFY THE ENGINEER OF DISCREPANCIES AND OBTAIN DIRECTION PRIOR TO PROCEEDING. NOTES ON INDIVIDUAL STRUCTURAL DRAWINGS MUST TAKE PRIORITY OVER GENERAL STRUCTURAL NOTES. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE DRAWINGS. TYPICAL DETAILS MAY NOT NECESSARILY BE INDICATED AS TYP ON THE PLANS BUT MUST APPLY AS SHOWN OR DESCRIBED IN THE DETAILS.

ALL CONSTRUCTION MUST COMPLY WITH THE 2018 INTERNATIONAL BUILDING CODE (IBC) AS AMENDED AND ADOPTED BY THE MUNICIPALITY OF ANCHORAGE (MOA).

SAFETY - THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL FEDERAL, STATE AND LOCAL SAFETY STANDARDS. THE CONTRACTOR IS IN CHARGE OF ALL SAFETY MATTERS ON AND AROUND THE JOB SITE.

STRUCTURAL DESIGN DATA
STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE 2018 IBC AND 2018 IEBC AS AMENDED AND ADOPTED BY THE MUNICIPALITY OF ANCHORAGE. NO WORK WILL INCREASE THE STRESS DUE TO GRAVITY OR LATERAL LOADS TO ANY EXISTING MEMBER BY MORE THAN 10%. THE FLOOR COVERING IS TO BE REPLACED IN KIND, AND THE REMAINDER OF THE WORK IS CONSIDERED A REPAIR PER THE IEBC.

REFER TO ARCHITECTURAL DRAWINGS FOR ELEVATIONS, SLOPES, DEPRESSIONS, NON-BEARING WALLS, FIRE-PROOFING, FASCIA, CURBS, DRAINS, RAILINGS, WATERPROOFING, FINISHES, ETC.

THE STRUCTURE HAS BEEN DESIGNED FOR THE FOLLOWING OPERATIONAL LOADS ON THE COMPLETED STRUCTURES. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY SHORING AND BRACING DURING CONSTRUCTION.

LIVE LOADS: OFFICE AREAS = 50 PSF + 15 PSF PARTITION
1ST FLOOR CORRIDORS & EXITS = 100 PSF
CORRIDORS ABV 1ST FLOOR = 80 PSF
MECHANICAL ROOMS = 125 PSF

SNOW LOADS: GROUND SNOW (Pg) = 50 PSF
Is=1.0, Ct=1.0, Ce=1.0
ROOF SNOW (Pf) = 40 PSF FLAT

WIND LOADS: BASIC WIND SPEED (3-SECOND GUST, Vult)=130 MPH,
EXPOSURE B, INTERNAL PRESSURE GCpi=±0.55 (PARTIALLY OPEN)

SEISMIC LOADS: SITE CLASS D (DEFAULT), SEISMIC DESIGN CATEGORY D,
Ss=1.5, S1=0.683, Sds=1.0, Sd1=0.683, Ie=1.0, R=4.0 (INTERMEDIATE PRECAST CONC SHEAR WALL FRAME SYSTEM), Ωo=2.5, Cd=4, ρ=1.0, Cs=0.30, BASE SHEAR=1,391 KIPS.

EXISTING CONDITIONS
CONTRACTOR MUST VERIFY ALL EXISTING DIMENSIONS, MEMBER SIZES, AND CONDITIONS PRIOR TO COMMENCING WORK. DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS ARE INTENDED AS GUIDELINES ONLY AND MUST BE VERIFIED. EXISTING CONDITIONS SHOWN ON DRAWINGS ARE BASED ON EITHER SITE OBSERVATIONS, ORIGINAL DRAWINGS, OR WERE ASSUMED BASED ON EXPECTED CONDITIONS. IF EXISTING CONDITIONS DO NOT CLOSELY MATCH CONDITIONS SHOWN ON DRAWINGS, OR IF EXISTING MATERIALS ARE OF QUESTIONABLE OR SUBSTANDARD QUALITY, NOTIFY ENGINEER PRIOR TO COMMENCING WORK.

SPECIAL INSPECTION
THE OWNER MUST ENGAGE A SPECIAL INSPECTOR PER CHAPTER 17 OF THE IBC. SPECIAL INSPECTION OF THE POST-INSTALLED ANCHORS IS REQUIRED. UPWARDLY INSTALLED ANCHORS REQUIRE CONTINUOUS SPECIAL INSPECTION.

DEFERRED SUBMITTALS
THE FOLLOWING ITEMS ARE NOT INCLUDED IN THESE DRAWINGS AND REQUIRE STRUCTURAL DESIGN TO BE FURNISHED BY THE CONTRACTOR:
1. SEISMIC ANCHORAGE OF MECHANICAL & ELECTRICAL EQUIPMENT

DRAWINGS AND CALCULATIONS FOR BUILDER-DESIGNED COMPONENTS, SEALED BY AN ALASKA STATE REGISTERED PROFESSIONAL ENGINEER RESPONSIBLE FOR THE DESIGN, MUST BE SUBMITTED TO THE ENGINEER FOR REVIEW FOR GENERAL CONFORMANCE TO THE CONTRACT DOCUMENTS PRIOR TO SUBMITTING TO BUILDING SAFETY FOR REVIEW. SUBMITTALS OF BUILDER-DESIGNED ITEMS MUST INCLUDE LOCATIONS, MAGNITUDES, AND DIRECTIONS OF ALL FORCES TRANSFERRED TO THE STRUCTURE. DEFERRED SUBMITTALS MUST BE REVIEWED AND APPROVED BY BUILDING SAFETY PRIOR TO INSTALLATION/CONSTRUCTION.

SUBMITTALS
THE CONTRACTOR MUST REVIEW, STAMP WITH THEIR APPROVAL, DATE AND SIGN ALL SHOP DRAWINGS AND SUBMITTALS REQUIRED BY THE CONTRACT DRAWINGS PRIOR TO SUBMITTAL TO THE ENGINEER. AT THE TIME OF SUBMISSION, THE CONTRACTOR MUST INFORM THE ENGINEER IN WRITING OF ANY DEVIATION IN THE SHOP DRAWINGS FROM THE REQUIREMENTS OF THE CONTRACT DRAWINGS. DIMENSIONS AND QUANTITIES ARE THE CONTRACTOR'S RESPONSIBILITY AND WILL NOT BE REVIEWED.

STRUCTURAL CONCRETE
ALL CONCRETE CONSTRUCTION MUST CONFORM TO ACI 301, STANDARD SPECIFICATION FOR STRUCTURAL CONCRETE, AS MODIFIED BY IBC SECTION 1905 AND LOCAL ADOPTED AMENDMENTS.

STRUCTURAL CONCRETE
ALL CONCRETE CONSTRUCTION MUST CONFORM TO ACI 301, STANDARD SPECIFICATION FOR STRUCTURAL CONCRETE, AS MODIFIED BY IBC SECTION 1905 AND LOCAL ADOPTED AMENDMENTS.

ALL CAST-IN-PLACE CONCRETE:
1. EXPOSURE F2, S0, W0, C0 (ACI 318-14, 19.3.1.1)
2. MINIMUM 28-DAY COMPRESSIVE STRENGTH = 4,500 PSI
3. MAXIMUM AGGREGATE SIZE = 3/4"
4. MAXIMUM WATER-CEMENT RATIO = 0.45
5. MAXIMUM CHLORIDE ION CONTENT = 1.00%
6. TARGET AIR CONTENT = 6% (+/-1%), EXCEPT FOR TROWELED INTERIOR SLABS WHICH MUST NOT EXCEED 3% AIR CONTENT.

CONCRETE MUST BE PROPORTIONED TO ACHIEVE A WORKABLE MIX THAT CAN BE PLACED WITHOUT SEGREGATION OR EXCESS FREE SURFACE WATER.

APPLICABLE ASTM STANDARDS:
PORTLAND CEMENT = ASTM C150
AGGREGATE = ASTM C33, NORMAL WEIGHT
WATER = ASTM C1602
WATER REDUCING ADMIXTURE = ASTM C494, TYPE A

CONCRETE PLACED DURING COLD WEATHER MUST CONFORM TO ACI 306. ALL COLD WEATHER CONCRETE AND CONCRETE EXPOSED TO WEATHER MUST CONTAIN AIR ENTRAINMENT PER ACI 318-14 TABLE 19.3.3.1.

THE FOLLOWING MINIMUM CONCRETE COVER MUST BE PROVIDED FOR REINFORCEMENT FOR CAST-IN-PLACE CONCRETE:

A. CONCRETE CAST AGAINST EARTH 3-INCHES
B. CONCRETE EXPOSED TO EARTH OR WEATHER
-#6 AND LARGER 2-INCHES
-#5 AND SMALLER 1½-INCHES
C. CONCRETE NOT EXPOSED TO EARTH OR WEATHER 3/4-INCH

ALL CONCRETE REINFORCING MUST BE DETAILED, FABRICATED, LABELED, SUPPORTED AND SPACED IN FORMS AND SECURED IN PLACE IN ACCORDANCE WITH THE LATEST EDITIONS OF ACI 315, ACI 318, CRSI MSP-1 AND ACI SP-66. DOWELS MUST MATCH SIZE AND NUMBER OF MAIN REINFORCING.

TYPICAL REINFORCING BARS MUST BE ASTM A615, GRADE 60. LAP SPLICES MUST BE CLASS B LAPS PER ACI (63 X BAR DIAMETER). LAP SPLICES MAY ALSO ACCOMPLISHED USING MECHANICAL DEVICES THAT DEVELOP 125% OF THE STRENGTH OF THE REBAR.

EMBEDDED ITEMS (CONDUIT AND SLEEVES) MUST NOT BE EMBEDDED IN OR PASS THROUGH CONCRETE WITHOUT APPROVAL. ALUMINUM ITEMS MUST NOT BE EMBEDDED IN CONCRETE. SUBMIT CONDUIT LAYOUT AND EMBEDDED ITEM PLANS FOR REVIEW PRIOR TO PLACING CONCRETE.

POST-INSTALLED ANCHORS
INSTALLATION MUST CONFORM TO MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPII) AND REQUIREMENTS OF ICC-ES REPORT. ALL POST-INSTALLED ANCHORS MUST HAVE A CURRENT ICC-ES REPORT AND BE AUTHORIZED FOR USE IN SEISMIC DESIGN CATEGORY D. PERIODIC SPECIAL INSPECTION IS REQUIRED FOR ALL POST-INSTALLED ANCHORS, UON.
PER MOA LOCL AMENDMENT TO THE IBC, ALL ANCHORS USED FOR THE ATTACHMENT OF NONSTRUCTURAL COMPONENTS ARE DESIGNED TO BE LESS THAN 50% STRESSED, THEREFORE NO SPECIAL INSPECTION IS REQUIRED FOR THESE ANCHORS.
INSTALLATION OF HORIZONTAL OR UPWARDLY INCLINED ADHESIVE ANCHORS MUST BE PERFORMED BY ACI/CRSI CERTIFIED PERSONNEL ONLY AND REQUIRES CONTINUOUS SPECIAL INSPECTION.

HOLES MUST BE HAMMER DRILLED. EXISTING BASE MUST BE SCANNED PRIOR TO DRILLING HOLES. EXISTING REBAR LOCATIONS MUST BE MARKED, AND NEW ANCHOR LOCATIONS REVISED TO AVOID EXISTING REINFORCING. NO REINFORCING BARS MUST BE CUT TO INSTALL ANCHORS. ALL DEFECTIVE ANCHOR HOLES MUST BE GROUTED AND A NEW HOLE DRILLED A MINIMUM OF 3 BOLT DIAMETERS AWAY.

SCREW ANCHORS IN CONCRETE MUST BE ONE OF THE FOLLOWING (OR AN APPROVED EQUIVALENT):
-HILTI "KH-EZ" (ESR-3027)
-SIMPSON "TITEN HD" (ESR-2713)
-ITW "TAPCON+" (ESR-3699)
-DEWALT "SCREW-BOLT+" (ESR-3889)

CRACK & SPALL REPAIR
ALL CONCRETE CRACK AND SPALL REPAIRS WILL COMPLY WITH ACI 548.12.

MINOR CRACKS IN CONCRETE THAT ARE LESS THAN 0.060" (1/16") WIDE WILL NOT BE REPAIRED.

CHECK FOR VOIDS UNDER SLAB WITH A SOUNDING HAMMER. FILL ALL VOIDS WITH 90 PSI POLYURETHANE FOAM. DRILL HOLE IF REQUIRED TO ASSIST PLACEMENT OF FOAM.

CONCRETE FLOOR AND WALL CRACKS THAT ARE LARGER THAN 0.060", BUT LESS THAN 0.25" WILL BE REPAIRED WITH PRESSURE INJECTED 'KEMKO 038' TWO-COMPONENT EPOXY RESIN OR EQUAL. CRACK SURFACE WILL BE SEALED WITH 'KEMCO CCS GROUT/SEAL' TWO-COMPONENT NON-SAG PASTE OR EQUAL PRIOR TO INJECTION. OTHER REPAIRS MAY BE NEEDED IF WALL IS HOLLOW, CONSULT EOR.

STRUCTURAL CONCRETE (CONT)
CONCRETE CRACKS LARGER THAN 0.25", BUT LESS THAN 2" WILL BE SEALED WITH 'FLEXCRETE 102' OR KEMKO 077 IR" LARGE VOID FILLER.

CONCRETE FLOOR CRACKS GREATER THAN 1/4" WILL BE REPAIRED WITH CARBON FIBER STAPLES, 'FORTRESS POWER GRID STITCH' OR EQUAL. CUT 1/8" WIDE X 5/8" DEEP SLOTS PERPENDICULAR TO CRACK. SPACING TO BE DETERMINED IN THE FIELD TO PERMANENTLY REPAIR CRACK; SPACING MUST NOT EXCEED 24" OC FOR CRACKS BETWEEN 3/16" AND 1/2" WIDE, SPACING MUST NOT EXCEED 12" OC FOR CRACKS BETWEEN 1/2" AND 2". PROVIDE (2) STAPLES AT 30" ORIENTATION OF CRACK IN "X" ORIENTATION, AT 4' OC MAX SPACING. PLACE CARBON FIBER STAPLES WITH 'FORTRESS 4000' EPOXY RESIN OR EQUAL.

1

TRAFFIC COATING
TRAFFIC COATING SHALL BE SIKALASTIC-720 ONE SHOT OR APPROVED EQUIVALENT. FOLLOW ALL WRITTEN MANUFACTURERS INSTRUCTIONS. GUIDELINES FOR FLOOR COVERING PRODUCTS ARE AS FOLLOWS. IF A DISCREPANCY BETWEEN THE MANUFACTURERS INSTRUCTIONS AND GUIDELINES IS NOTED, CONTACT THE EOR.

REMOVE EXISTING DAMAGED TRAFFIC COATING BY SHOTBLASTING OR EQUIVALENT MECHANICAL MEANS. REMOVE ALL DUST & LOOSE MATERIAL. THE DESIRED SURFACE TEXTURE IS CSP 3 PER ICRI GUIDELINES. THOROUGHLY CLEAN SURFACE PRIOR TO REMOVE ALL PARTICULATES PRIOR TO INSTALLING FLOOR COVERING.

AFTER REMOVAL OF FLOOR COVERING, INFILL ANY CRACKS BETWEEN 1/16" AND 1/4" WITH SIKAFLEX SEALANT. APPLY 23 MIL COAT OF SIKALASTIC BASE COAT, EXTENDING 2" ON EITHER SIDE AND CENTERED OVER THE CRACK.

PRIME SURFACE PRIOR TO INSTALLATION OF TRAFFIC COATING PER MANUFACTURER INSTRUCTIONS.

AT TERMINATION OF TRAFFIC COATING AT VERTICAL WALLS, FOLLOW MANUFACTURERS WRITTEN RECOMMENDATIONS.

ENSURE ALL PENETRATIONS IN DECK ARE SEALED USING SIKAFLEX OR SIKADUR JOINT SYSTEMS.

ENSURE ALL PRECAST TEE JOINTS ARE INFILLED WITH EMSEAL EXPANSION JOINT.

ALLOW PRODUCT TO CURE 36 HOURS PRIOR TO OPENING TO VEHICULAR TRAFFIC.

STRUCTURAL STEEL
MATERIALS:
ALL SHAPES & PLATE: ASTM A36

ALL STRUCTURAL STEEL MUST BE HOT-DIP GALVANIZED

@	At	BLKG	Blocking	EA	Each	INT	Interior	OH	Overhead	SIM	Similar	TYP	Typical
AB	Anchor Bolts	BM	Beam	EQ	Equal. Earthquake	LAG	Lag Screw	OPNG	Opening	SQ	Square	UON	Unless Otherwise Noted
BLDG	Building	BOT	Bottom	EW	Each Way	LOC	Location	PL	Plate	STL	Steel	VERT	Vertical
ARCH	Architect	BTWN	Between	EXP	Expansion	LONG	Longitudinal	PLS	Places	T&B	Top and Bottom	W/	With
AR	Anchor Rod	CL	Center-Line	FDN	Foundation	MAX	Maximum	PSF	Pounds-per-square-foot	T&G	Tongue and Groove	W/O	Without
ALT	Alternate	CLR	Clear	FF	Finished Floor	MEZZ	Mezzanine	PSI	Pounds-per-square-inch	T.O.	Top of	W	Wide-Flange, Wide
AHJ	Authority Having Jurisdiction	COL	Column	GALV	Galvanized	MIN	Minimum	REQ'D	Required	T.O.B.	Top of Beam	W/C	Water / Cement Ratio
AFF	Above Finish Floor	CONC	Concrete	GLB	Glue-Laminated Beam	MFR	Manufacturer	RO	Rough Opening	T.O.S.	Top of Steel	W.P.	Work Point
ADH	Adhesive	CONT	Continuous, Continue	HORZ	Horizontal	(N)	New	SBN	Shearwall Boundary Nailing	T.O.W.	Top of Wall	WWR	Welded Wire Reinforcement
ADD'L	Additional	DBN	Diaphragm Boundary Nailing	HSS	Hollow Structural Steel	OC	On-Center	SCH	Schedule	TRANS	Transverse		
		(E)	Existing	IBC	International Building Code								

MCG
EXPLORE DESIGN
421 West 1st Avenue, Suite 300
Anchorage, Alaska 99501
907.563.8474 | F 907.563.4572
exploredesign.com

Reid Middleton
4300 B St., Suite 302 Anchorage, AK 99503
Phone 907 562-3439 - www.reidmiddleton.com
Corporate License #AECC598

STATE OF ALASKA
49 TH
GARRETT BAGINSKI
No. CE 147718
REGISTERED PROFESSIONAL ENGINEER
5/12/2025

ANCHORAGE COURT SYSTEM

BONEY PARKING GARAGE REPAIRS

825 W. 4TH AVE,
ANCHORAGE AK, 99501

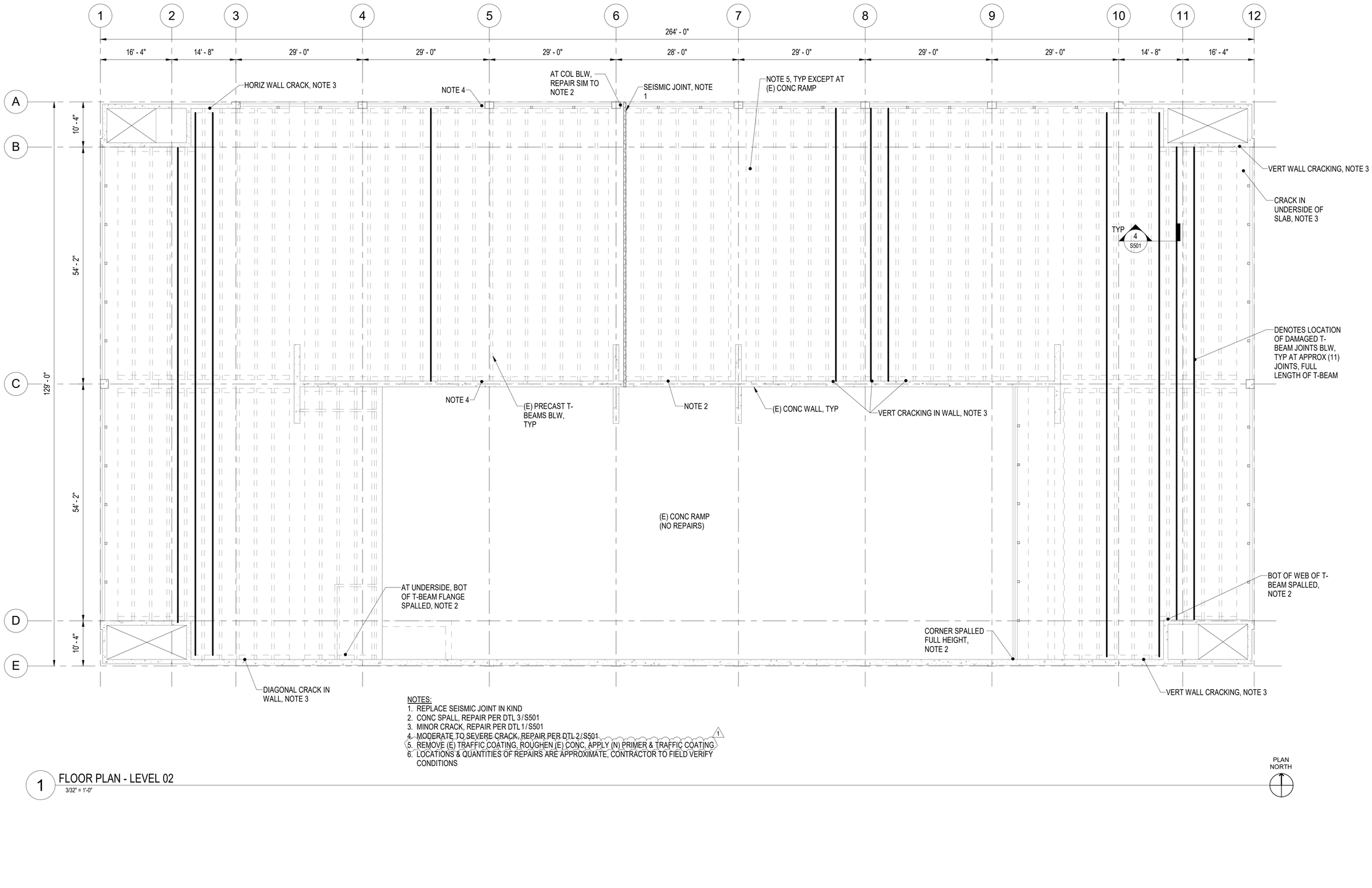
BID DOCUMENTS

JOB NO.	402025.035
DATE:	05/12/2025
PROJ. MGR.:	GB
DRAWN BY:	GC
REVIEWED BY:	GB

REVISIONS:
1 BIDDING 06/17/2025

GENERAL NOTES

SHEET NO.
S001



NOTES:
1. REPLACE SEISMIC JOINT IN KIND
2. CONC SPALL, REPAIR PER DTL 3 / S501
3. MINOR CRACK, REPAIR PER DTL 1 / S501
4. MODERATE TO SEVERE CRACK, REPAIR PER DTL 2 / S501
5. REMOVE (E) TRAFFIC COATING, ROUGHEN (E) CONC, APPLY (N) PRIMER & TRAFFIC COATING
6. LOCATIONS & QUANTITIES OF REPAIRS ARE APPROXIMATE, CONTRACTOR TO FIELD VERIFY CONDITIONS

1 FLOOR PLAN - LEVEL 02
3/32" = 1'-0"

PLAN NORTH

MCG
EXPLORE DESIGN
421 West 1st Avenue, Suite 300
Anchorage, Alaska 99501
907.563.8474 | F 907.563.4572
exploredesign.com

Reid Middleton
4300 B St., Suite 302 Anchorage, AK 99503
Phone 907 562-3439 - www.reidmiddleton.com
Corporate License #AECC598

STATE OF ALASKA
49 TH
GARRETT BAGINSKI
No. CE 14771 8
REGISTERED PROFESSIONAL ENGINEER
5/12/2025

ANCHORAGE COURT SYSTEM

BONEY PARKING GARAGE REPAIRS

825 W. 4TH AVE, ANCHORAGE AK, 99501

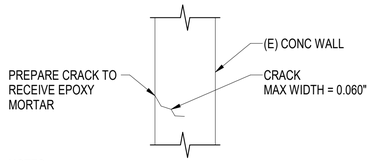
BID DOCUMENTS

JOB NO.	**402025.035**
DATE:	**05/12/2025**
PROJ. MGR.:	**GB**
DRAWN BY:	**GC**
REVIEWED BY:	**GB**

REVISIONS:
1 BIDDING 06/17/2025

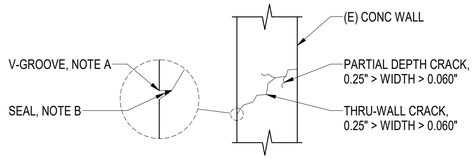
FLOOR PLAN - LEVEL 02

SHEET NO.
S102



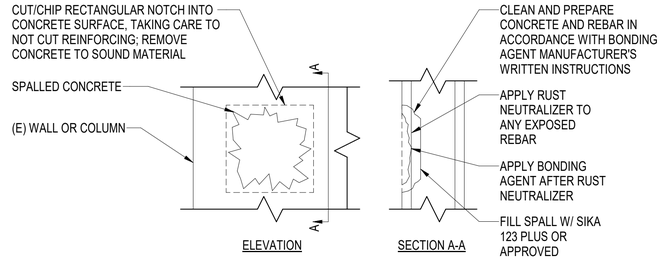
NOTES:
A. CLEAN CRACK WITH STIFF WIRE BRUSH PRIOR TO EPOXY FILL. IF SURFACE IS DETERIORATED, ROUTE A V-GROOVE UNTIL SOUND MATERIAL IS REACHED.
B. PRESSURE INJECT EPOXY xxx. COMPLY WITH ACI 548.12 AND MANUFACTURER'S INSTRUCTIONS.

1 S501 TYP CONC REPAIR - MINOR CRACKS
1" = 1'-0"

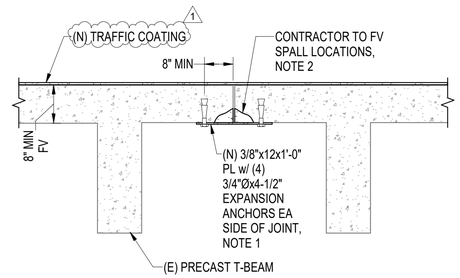


NOTES:
A. ROUTE A V-GROOVE AT CRACK SURFACE UNTIL SOUND MATERIAL IS REACHED, CLEAN CRACKS.
B. APPLY SURFACE SEAL OVER ALL EXTERIOR FACES OF CRACK. INSTALL INJECTION AND VENTING PORTS PER MANUFACTURER'S INSTRUCTIONS.
C. PRESSURE INJECT EPOXY xxx. COMPLY WITH ACI 548.12 AND MANUFACTURER'S INSTRUCTIONS.
D. DO NOT USE EPOXY INJECTION TO REPAIR EXTERIOR WALLS WITH CRACKS LARGER THAN 1/4" (PRIOR TO GROOVING).

2 S501 TYP CONC REPAIR - SEVERE CRACKS
1" = 1'-0"



3 S501 TYP SPALLED CONC REPAIR
1" = 1'-0"



NOTES:
1. INSTALL PLATES AT 2'-0" OC AT DAMAGED T-BM CONNECTIONS
2. REPAIR SPALLS PER DTL 3 / S501, PRIOR TO PL INSTALL

4 S501 CONCRETE T-BEAM REPAIR, TYP
1" = 1'-0"

NOTES:
A. DO NOT OVERCUT CORNERS OF TRENCH. CHIP OUT CORNERS. OVERCUT CORNERS WILL BE RECUT AND REINFORCED SIMILAR TO TRENCH AT CONTRACTORS EXPENSE.
B. WHERE TRENCHES GO THROUGH 4" SLAB, SUPPORTED ENTIRELY ON SOIL, DOWELS SHALL BE: #3 BARS @ 12" ON-CENTER ON BOTH SIDES, LENGTH EQUAL TO THE WIDTH OF THE TRENCH, EPOXY EMBEDDED 2" INTO ORIGINAL SLAB, OVERLAP SHALL BE 4" LESS THAN THE TRENCH WIDTH.
C. WHERE TRENCHES GO THROUGH 6" SLAB OVER MECHANICAL VAULT OR UTILIDOR, DOWELS SHALL BE: #4 BARS @ 12" ON-CENTER ON BOTH SIDES, LENGTH EQUAL TO THE WIDTH OF THE TRENCH, EPOXY EMBEDDED 2" INTO ORIGINAL SLAB, OVERLAP SHALL BE 4" LESS THAN THE TRENCH WIDTH.
D. IF PIPE TRENCH EXTENDS THROUGH EXISTING FOOTING OR FOUNDATION WALL, CONTACT ENGINEER FOR ADDITIONAL CORING AND REPAIR DETAILS PRIOR TO DEMOLITION.
E. REF MECHANICAL DRAWINGS FOR SLAB CUT EXTENTS

5 S501 TYP CONC SLAB REPAIR
3/4" = 1'-0"

MCG EXPLORE DESIGN
421 West 1st Avenue, Suite 300
Anchorage, Alaska 99501
907.563.8474 | F 907.563.4572
exploredesign.com

Reid Middleton
4300 B St., Suite 302 Anchorage, AK 99503
Phone 907 562-3439 - www.reidmiddleton.com
Corporate License #AECC598

STATE OF ALASKA
49 TH
GARRETT BAGINSKI
No. CE 14771 8
REGISTERED PROFESSIONAL ENGINEER
5/12/2025

ANCHORAGE COURT SYSTEM

BONEY PARKING GARAGE REPAIRS

825 W. 4TH AVE, ANCHORAGE AK, 99501

BID DOCUMENTS

JOB NO.	**402025.035**
DATE:	**05/12/2025**
PROJ. MGR.:	**GB**
DRAWN BY:	**GB**
REVIEWED BY:	**GB**

REVISIONS:
1 BIDDING 06/17/2025

REPAIR DETAILS

SHEET NO.
S501

c. Willseal LLC; Willseal WJS: www.willseal.com/#sle.
d. Substitutions: See Section 01 6000 - Product Requirements.

2.02 EXPANSION JOINT COVER ASSEMBLIES

A. Expansion Joint Cover Assemblies - General: Factory-fabricated and assembled; designed to completely fill joint openings, sealed to prevent passage of air, dust, water, smoke; suitable for traffic expected.
1. Joint Dimensions and Configurations: As indicated on drawings.
2. Joint Cover Sizes: Selected to suit joint width and configuration, based on manufacturer's published recommendations and limitations.
3. Lengths: Provide covers in full lengths required; avoid splicing wherever possible.
4. Anchors, Fasteners, and Fittings: Provided by cover manufacturer.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that joint preparation and dimensions are acceptable and in accordance with manufacturer's requirements.
B. Verify that frames and anchors installed by others are in correct locations and suitable for installation of remainder of assembly.

3.02 INSTALLATION

A. Install components and accessories in accordance with manufacturer's instructions.
B. Align work plumb and level, flush with adjacent surfaces.
C. Rigidly anchor to substrate to prevent misalignment.

3.03 PROTECTION

A. Do not permit traffic over unprotected floor joint surfaces.

END OF SECTION

DIVISION 09 - FINISHES

SECTION 09 9113 - EXTERIOR PAINTING

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Surface preparation.
B. Field application of paints.
C. Scope: Parking striping .
D. Do Not Paint or Finish the Following Items:
1. Items factory-finished unless otherwise indicated; materials and products having factory-applied primers are not considered factory finished.
2. Items indicated to receive other finishes.
3. Items indicated to remain unfinished.
4. Fire rating labels, equipment serial number and capacity labels, and operating parts of equipment.
5. Floors, unless specifically indicated.
6. Glass.
7. Concealed pipes, ducts, and conduits.

1.02 RELATED REQUIREMENTS

A. Section 09 9123 - Interior Painting.

1.03 DEFINITIONS

A. Comply with ASTM D16 for interpretation of terms used in this section.

1.04 REFERENCE STANDARDS

A. ASTM D16 - Standard Terminology for Paint, Related Coatings, Materials, and Applications; 2024.
B. MPI (APSM) - Master Painters Institute Architectural Painting Specification Manual; Current Edition.

1.05 SUBMITTALS

A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
B. Product Data: Provide complete list of products to be used, with the following information for each:
1. Manufacturer's name, product name and/or catalog number, and general product category (e.g. "alkyd enamel").
2. MPI product number (e.g. MPI #47).
3. Cross-reference to specified paint system(s) product is to be used in; include description of each system.
4. Manufacturer's installation instructions.
C. Manufacturer's Instructions: Indicate special surface preparation procedures.
D. Maintenance Data: Submit data including finish schedule showing where each product/color/finish was used, product technical data sheets, material safety data sheets (MSDS), care and cleaning instructions, touch-up procedures, repair of painted and finished surfaces, and color samples of each color and finish used.

1.06 DELIVERY, STORAGE, AND HANDLING

A. Deliver products to site in sealed and labeled containers; inspect to verify acceptability.
B. Container Label: Include manufacturer's name, type of paint, brand name, lot number, brand code, coverage, surface preparation, drying time, cleanup requirements, color designation, and instructions for mixing and reducing.
C. Paint Materials: Store at minimum ambient temperature of 45 degrees F (7 degrees C) and a maximum of 90 degrees F (32 degrees C), in ventilated area, and as required by manufacturer's instructions.

1.07 FIELD CONDITIONS

A. Do not apply materials when surface and ambient temperatures are outside the paint product manufacturer's temperature ranges.
B. Follow manufacturer's recommended procedures for producing best results, including testing of substrates, moisture in substrates, and humidity and temperature limitations.
C. Do not apply exterior paint and finishes during rain or snow, or when relative humidity is outside the humidity ranges required by the paint product manufacturer.
D. Provide lighting level of 80 ft candles (860 lx) measured mid-height at substrate surface.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Provide paints and finishes used in any individual system from the same manufacturer; no exceptions.
B. Paints:
1. Pittsburgh Paints: www.ppgpaints.com/#sle.
2. Rodda Paint Company: www.roddapaint.com/#sle.
3. Sherwin-Williams Company: www.sherwin-williams.com/#sle.
C. Primer Sealers: Same manufacturer as top coats.
D. Substitutions: See Section 01 6000 - Product Requirements.

2.02 PAINTS AND FINISHES - GENERAL

A. Paints and Finishes: Ready-mixed, unless required to be a field-catalyzed paint.
1. Provide paints and finishes of a soft paste consistency, capable of being readily and uniformly dispersed to a homogeneous coating, with good flow and brushing properties, and capable of drying or curing free of streaks or sags.
2. Provide materials that are compatible with one another and the substrates indicated under conditions of service and application, as demonstrated by manufacturer based on testing and field experience.
3. Supply each paint material in quantity required to complete entire project's work from a single production run.
4. Do not reduce, thin, or dilute paint or finishes or add materials unless such procedure is described explicitly in manufacturer's product instructions.
B. Flammability: Comply with applicable code for surface burning characteristics.

2.03 PAINT SYSTEMS - EXTERIOR

A. Paint E-Pav - Pavement Marking Paint:
1. Acrylic alkyd, waterborne enamel.
2. White: One coat, with reflective particles. At all non-accessible parking stalls and associated striping.
3. Blue: One coat, with reflective particles. At all accessible parking stalls and associated striping.

2.04 ACCESSORY MATERIALS

A. Accessory Materials: Provide primers, sealers, cleaning agents, cleaning cloths, sanding materials, and clean-up materials as required for final completion of painted surfaces.

PART 3 EXECUTION

3.01 EXAMINATION

A. Do not begin application of paints and finishes until substrates have been properly prepared.
B. Verify that surfaces are ready to receive work as instructed by the product manufacturer.
C. Examine surfaces scheduled to be finished prior to commencement of work. Report any condition that may potentially affect proper application.
D. Test shop-applied primer for compatibility with subsequent cover materials.
E. Measure moisture content of surfaces using an electronic moisture meter. Do not apply finishes unless moisture content of surfaces are below the following maximums:
1. Concrete Floors and Traffic Surfaces: 8 percent.

3.02 PREPARATION

A. Clean surfaces thoroughly and correct defects prior to application.
B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
C. Remove or mask surface appurtenances, including electrical plates, hardware, light fixture trim, escutcheons, and fittings, prior to preparing surfaces for finishing.
D. Seal surfaces that might cause bleed through or staining of topcoat.
E. Remove mildew from impervious surfaces by scrubbing with solution of tetra-sodium phosphate and bleach. Rinse with clean water and allow surface to dry.
F. Concrete Floors and Traffic Surfaces: Remove contamination, acid etch, and rinse floors with clear water. Verify required acid-alkali balance is achieved. Allow to dry.

3.03 APPLICATION

A. Apply products in accordance with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual".
B. Do not apply finishes to surfaces that are not dry. Allow applied coats to dry before next coat is applied.
C. Apply each coat to uniform appearance.
D. Vacuum clean surfaces of loose particles. Use tack cloth to remove dust and particles just prior to applying next coat.
E. Reinstall electrical cover plates, hardware, light fixture trim, escutcheons, and fittings removed prior to finishing.

3.04 CLEANING

A. Collect waste material that could constitute a fire hazard, place in closed metal containers, and remove daily from site.

3.05 PROTECTION

A. Protect finishes until completion of project.
B. Touch-up damaged finishes after Substantial Completion.

END OF SECTION

SECTION 09 9123 - INTERIOR PAINTING

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Surface preparation.
B. Field application of paints.
C. Scope: Finish interior surfaces exposed to view, unless fully factory-finished and unless otherwise indicated.
D. Do Not Paint or Finish the Following Items:
1. Items factory-finished unless otherwise indicated; materials and products having factory-applied primers are not considered factory finished.
2. Items indicated to receive other finishes.
3. Items indicated to remain unfinished.
4. Fire rating labels, equipment serial number and capacity labels, bar code labels, and operating parts of equipment.
5. Stainless steel, anodized aluminum, bronze, terne-coated stainless steel, and lead items.
6. Floors, unless specifically indicated.
7. Glass.
8. Concealed pipes, ducts, and conduits.

1.02 RELATED REQUIREMENTS

A. Section 09 9113 - Exterior Painting.

1.03 DEFINITIONS

A. Comply with ASTM D16 for interpretation of terms used in this section.

1.04 REFERENCE STANDARDS

A. ASTM D16 - Standard Terminology for Paint, Related Coatings, Materials, and Applications; 2024.
B. MPI (APSM) - Master Painters Institute Architectural Painting Specification Manual; Current Edition.

1.05 SUBMITTALS

A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
B. Product Data: Provide complete list of products to be used, with the following information for each:
1. Manufacturer's name, product name and/or catalog number, and general product category (e.g., "alkyd enamel").
2. MPI product number (e.g., MPI #47).
3. Cross-reference to specified paint system products to be used in project; include description of each system.
4. Manufacturer's installation instructions.
5. If proposal of substitutions is allowed under submittal procedures, explanation of substitutions proposed.
C. Manufacturer's Instructions: Indicate special surface preparation procedures.
D. Maintenance Data: Submit data including finish schedule showing where each product/color/finish was used, product technical data sheets, material safety data sheets (MSDS), care and cleaning instructions, touch-up procedures, repair of painted and finished surfaces, and color samples of each color and finish used.
E. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
1. See Section 01 6000 - Product Requirements, for additional provisions.
2. Extra Paint and Finish Materials: 1 gal (4 L) of each color; from the same product run, store where directed.
3. Label each container with color in addition to the manufacturer's label.

1.06 DELIVERY, STORAGE, AND HANDLING

A. Deliver products to site in sealed and labeled containers; inspect to verify acceptability.
B. Container Label: Include manufacturer's name, type of paint, brand name, lot number, brand code, coverage, surface preparation, drying time, cleanup requirements, color designation, and instructions for mixing and reducing.
C. Paint Materials: Store at minimum ambient temperature of 45 degrees F (7 degrees C) and a maximum of 90 degrees F (32 degrees C), in ventilated area, and as required by manufacturer's instructions.

1.07 FIELD CONDITIONS

A. Do not apply materials when surface and ambient temperatures are outside the temperature ranges required by the paint product manufacturer.
B. Follow manufacturer's recommended procedures for producing best results, including testing of substrates, moisture in substrates, and humidity and temperature limitations.
C. Do not apply materials when relative humidity exceeds 85 percent, at temperatures less than 5 degrees F (3 degrees C) above the dew point, or to damp or wet surfaces.
D. Minimum Application Temperatures for Paints: 50 degrees F (10 degrees C) for interiors unless required otherwise by manufacturer's instructions.
E. Provide lighting level of 80 fc (860 lux) measured mid-height at substrate surface.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Provide paints and finishes from the same manufacturer to the greatest extent possible.
1. Substitution of MPI-approved products by a different manufacturer is preferred over substitution of unapproved products by the same manufacturer.
B. Paints:
1. Behr Paint Company: www.behr.com/#sle.
2. Pittsburgh Paints: www.pittsburghpaintsco.com/#sle.
3. Rodda Paint Co: www.roddapaint.com/#sle.
4. Sherwin-Williams Company: www.sherwin-williams.com/#sle.
C. Primer Sealers: Same manufacturer as top coats.
D. Substitutions: See Section 01 6000 - Product Requirements.

2.02 PAINTS AND FINISHES - GENERAL

A. Paints and Finishes: Ready-mixed, unless intended to be a field-catalyzed paint.
1. Provide paints and finishes of a soft paste consistency, capable of being readily and uniformly dispersed to a homogeneous coating, with good flow and brushing properties, and capable of drying or curing free of streaks or sags.
2. Provide materials that are compatible with one another and the substrates indicated under conditions of service and application, as demonstrated by manufacturer based on testing and field experience.
3. Supply each paint material in quantity required to complete entire project's work from a single production run.
4. Do not reduce, thin, or dilute paint or finishes or add materials unless such procedure is specifically described in manufacturer's product instructions.
B. Sheens: Provide the sheens specified; where sheen is not specified, sheen will be selected later by Architect from the manufacturer's full line.
C. Colors: To be selected from manufacturer's full range of available colors.
1. Selection to be made by Architect after award of contract.
2. Extend colors to surface edges; colors may change at any edge as directed by Architect.

2.03 PAINT SYSTEMS - INTERIOR

A. Paint CI-OP-3A - Concrete/Masonry, Opaque, Alkyd, 3 Coat:
1. One coat of block filler.
2. Semi-gloss: Two coats of alkyd enamel.

2.04 ACCESSORY MATERIALS

A. Accessory Materials: Provide primers, sealers, cleaning agents, cleaning cloths, sanding materials, and clean-up materials as required for final completion of painted surfaces.
B. Patching Material: Latex filler.
C. Fastener Head Cover Material: Latex filler.

PART 3 EXECUTION

3.01 EXAMINATION

A. Do not begin application of paints and finishes until substrates have been adequately prepared.
1. Remove all existing staining on walls.
B. Verify that surfaces are ready to receive work as instructed by the product manufacturer.
C. Examine surfaces scheduled to be finished prior to commencement of work. Report any condition that may potentially affect proper application.
D. Test shop-applied primer for compatibility with subsequent cover materials.
E. Measure moisture content of surfaces using an electronic moisture meter. Do not apply finishes unless moisture content of surfaces is below the following maximums:
1. Masonry, Concrete, and Concrete Masonry Units: 12 percent.

3.02 PREPARATION

A. Clean surfaces thoroughly and correct defects prior to application.
B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
C. Remove or mask surface appurtenances, including electrical plates, hardware, light fixture trim, escutcheons, and fittings, prior to preparing surfaces or finishing.
D. Seal surfaces that might cause bleed through or staining of topcoat.
E. Remove mildew from impervious surfaces by scrubbing with solution of tetra-sodium phosphate and bleach. Rinse with clean water and allow surface to dry.
F. Concrete:
1. Clean surfaces with pressurized water. Use pressure range of 1,500 to 4,000 psi (10,350 to 27,580 kPa) at 6 to 12 inches (150 to 300 mm). Allow to dry.

3.03 APPLICATION

A. Remove unfinished louvers, grilles, covers, and access panels on mechanical and electrical components and paint separately.
B. Apply products in accordance with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual".
C. Do not apply finishes to surfaces that are not dry. Allow applied coats to dry before next coat is applied.
D. Apply each coat to uniform appearance in thicknesses specified by manufacturer.
E. Vacuum clean surfaces of loose particles. Use tack cloth to remove dust and particles just prior to applying next coat.
F. Reinstall electrical cover plates, hardware, light fixture trim, escutcheons, and fittings removed prior to finishing.

3.04 CLEANING

A. Collect waste material that could constitute a fire hazard, place in closed metal containers, and remove daily from site.

3.05 PROTECTION

A. Protect finishes until completion of project.
B. Touch-up damaged finishes after Substantial Completion.

END OF SECTION

DIVISION 10 - SPECIALTIES

SECTION 10 1419 - DIMENSIONAL LETTER SIGNAGE

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Dimensional letter signage.

1.02 SUBMITTALS

A. See Section 01 3000 - Administrative Requirements for submittal procedures.
B. Product Data: Manufacturer's product literature for each type of dimensional letter sign, indicating style, font, colors, locations, and overall dimensions of each sign.
C. Shop Drawings:
1. Include dimensions, locations, elevations, materials, text and graphic layout, and attachment details.
D. Manufacturer's Installation Instructions: Include installation templates and attachment devices.

1.03 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years of documented experience.

1.04 DELIVERY, STORAGE, AND HANDLING

A. Package dimensional letter signs as required to prevent damage before installation.
B. Store under cover and elevated above grade.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Dimensional Letter Signs:
1. Takeform; Ethos: www.takeform.net/#sle.
2. Substitutions: See Section 01 6000 - Product Requirements.

2.02 DIMENSIONAL LETTERS

A. Applications: Traffic directions.
1. Use individual metal letters.
2. Mounting Location: Exterior as indicated on drawings.
B. Metal Letters:
1. Material: Stainless steel sheet, fabricated reverse channel.
2. Thickness: Manufacturer's standard for letter size.
3. Letter Height: As indicated on signage schedule.
4. Text and Typeface:
a. Character Font: Helvetica, Arial, or other sans serif font.
b. Character Case: Upper case only.
5. Finish: As selected by Architect from manufacturer's full range. All alpha numeric characters shall be finished with a reflective finish.
6. Color: As selected.
7. Mounting: Concealed or exposed screws.

2.03 ACCESSORIES

A. Concealed Screws: Noncorroding metal; stainless steel, galvanized steel, chrome plated, or other.
B. Exposed Screws: Stainless steel.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that substrate surfaces are ready to receive work.
B. Notify Architect if conditions are not suitable for installation of signs; do not proceed until conditions are satisfactory.

3.02 INSTALLATION

A. Install in accordance with manufacturer's instructions.
B. Install with horizontal edges level.
C. Protect from damage until mm-dd-yyyy; repair or replace damaged items.

END OF SECTION

MCG
EXPLORE DESIGN
421 West 1st Avenue, Suite 300
Anchorage, Alaska 99501
907.563.8474 | F 907.563.4572
exploredesign.com

STATE OF ALASKA
49th
TIMOTHY J. CONRAD
14560
REGISTERED PROFESSIONAL ARCHITECT
05/12/2025

ALASKA COURT SYSTEM

BONEY PARKING GARAGE REPAIRS

810 WEST 3rd AVENUE ANCHORAGE, AK 99501

BID DOCUMENTS

JOB NO.	2021026.08
DATE:	05/12/2025
PROJ. MGR.:	TJC
DRAWN BY:	TJC
REVIEWED BY:	TJC

REVISIONS:
1 Addendum #1 6/25/2025

SPECIFICATIONS

SHEET NO.
A011

SPECIFICATIONS

SECTION 10 1423 - PANEL SIGNAGE

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Panel signage.

1.02 SUBMITTALS

A. See Section 01 3000 - Administrative Requirements for submittal procedures.

B. Product Data: Manufacturer's product literature for each type of panel sign, indicating styles, font, foreground and background colors, locations, and overall dimensions of each sign.

C. Shop Drawings:
1. Include dimensions, locations, elevations, materials, text and graphic layout, attachment details, and schedules.
2. Schedule: Provide information sufficient to completely define each panel sign for fabrication, including room number, room name, other text to be applied, sign and letter sizes, fonts, and colors.
   a. Submit for approval by Owner through Architect prior to fabrication.

D. Manufacturer's Installation Instructions: Include installation templates and attachment devices.

E. Manufacturer's qualification statement.

1.03 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years of documented experience.

1.04 DELIVERY, STORAGE, AND HANDLING

A. Package signs as required to prevent damage before installation.

B. Store under cover and elevated above grade.

C. Store adhesive at conditions as required by manufacturer.

1.05 FIELD CONDITIONS

A. Do not install tape adhesive when ambient temperature is lower than recommended by manufacturer.

B. Maintain minimum ambient temperature during and after installation.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Panel Signage:
1. Takeform: www.takeform.net/#sle.
2. Vista System LLC: www.vistasystem.com/#sle.
3. Substitutions: See Section 01 6000 - Product Requirements.

2.02 PANEL SIGNAGE

A. Panel Signage:
1. Application: Traffic Signs signs.
2. Description: Flat signs shall be direct printed ACM media, nontactile characters.
3. Sign Size: As indicated on drawings.
4. Total Thickness: 1/4 inch (6 mm).
5. Sign Edges: Squared.
6. Color and Font, unless otherwise indicated:
   a. Character Font: Helvetica, Arial, or other sans serif font.
   b. Character Case: Upper case only.
   c. Background Color: Reflective color to be selected by Architect from manufacturer's full range of options.
   d. Character Color: Contrasting reflective color to be selected by Architect from manufacturer's full range of options color.
7. Material: Signs shall be fabricated of ACM, 6mm in thickness. ACM shall be rigid and flat and shall be unaffected by wide fluctuations in temperature and humidity. Edges shall be smooth without chips, burrs, sharp edge or marks. The direct print shall be first surface with a protective top-coat to prevent damage from moisture, UV, scratches and strong cleaning agents. Colors and general appearance shall be unaffected for 7 years.
8. Profile: Flat panel in aluminum frame.
   a. Frame Finish: Natural (clear) anodized.
9. Suspended Mounting: Stainless steel suspension bars and ceiling fastener suitable for attachment to ceiling construction indicated.
   a. Signs shall utilize (2) 1" square by 1/8" wall extruded posts made of clear anodized aluminum alloy 6063.
   b. The posts shall attach to the concrete ceiling utilizing stainless steel anchors, brackets and hardware. The anchor shall be rustproof with a pull-out strength of 950 lbs. (based on 4000 PSI concrete). The design shall provide a pull-out strength safety factor of 4:1.
   c. The post suspended signs shall have a break-away capability enabling the sign to rotate up and out of the way should it be contacted by an oncoming vehicle. The sign shall be capable of manually adjusting back to the original position.
   d. The post suspended signs shall be capable of withstanding 50 mph wind loads.
   e. The aluminum extrusion shall be equipped with end caps to prevent intrusion of water and debris.
10. Wall Mounting: Adhesive mount.
   a. Signs shall utilize adhesive that is waterproof, low odor, low VOC and suitable for use from -30°F - 120°F.

2.03 SIGNAGE APPLICATIONS

A. Traffic Signs: Locate where indicated on drawings.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that substrate surfaces are ready to receive work.

B. Notify Architect if conditions are not suitable for installation of signs; do not proceed until conditions are satisfactory.

3.02 INSTALLATION

A. Install in accordance with manufacturer's instructions.

B. Install with horizontal edges level.

C. Protect from damage though Substantial Completion; repair or replace damaged items.

END OF SECTION

1

MCG
EXPLORE
DESIGN
421 West 1st Avenue, Suite 300
Anchorage, Alaska 99501
907.563.8474 | F 907.563.4572
exploredesign.com

STATE OF ALASKA
TIMOTHY J. CONRAD
14560
REGISTERED PROFESSIONAL ENGINEER
05/12/2025

ALASKA COURT SYSTEM

BONEY PARKING GARAGE REPAIRS

**810 WEST 3rd AVENUE
ANCHORAGE, AK 99501**

BID DOCUMENTS

JOB NO.	**2021026.08**
DATE:	**05/12/2025**
PROJ. MGR.:	**TJC**
DRAWN BY:	**TJC**
REVIEWED BY:	**TJC**

REVISIONS:
1 Addendum #1 6/25/2025

SPECIFICATIONS

SHEET NO.
A012