

# VARIOUS LOCATIONS -FY24 SUMMER PAVING PROJECT - ASPHALT

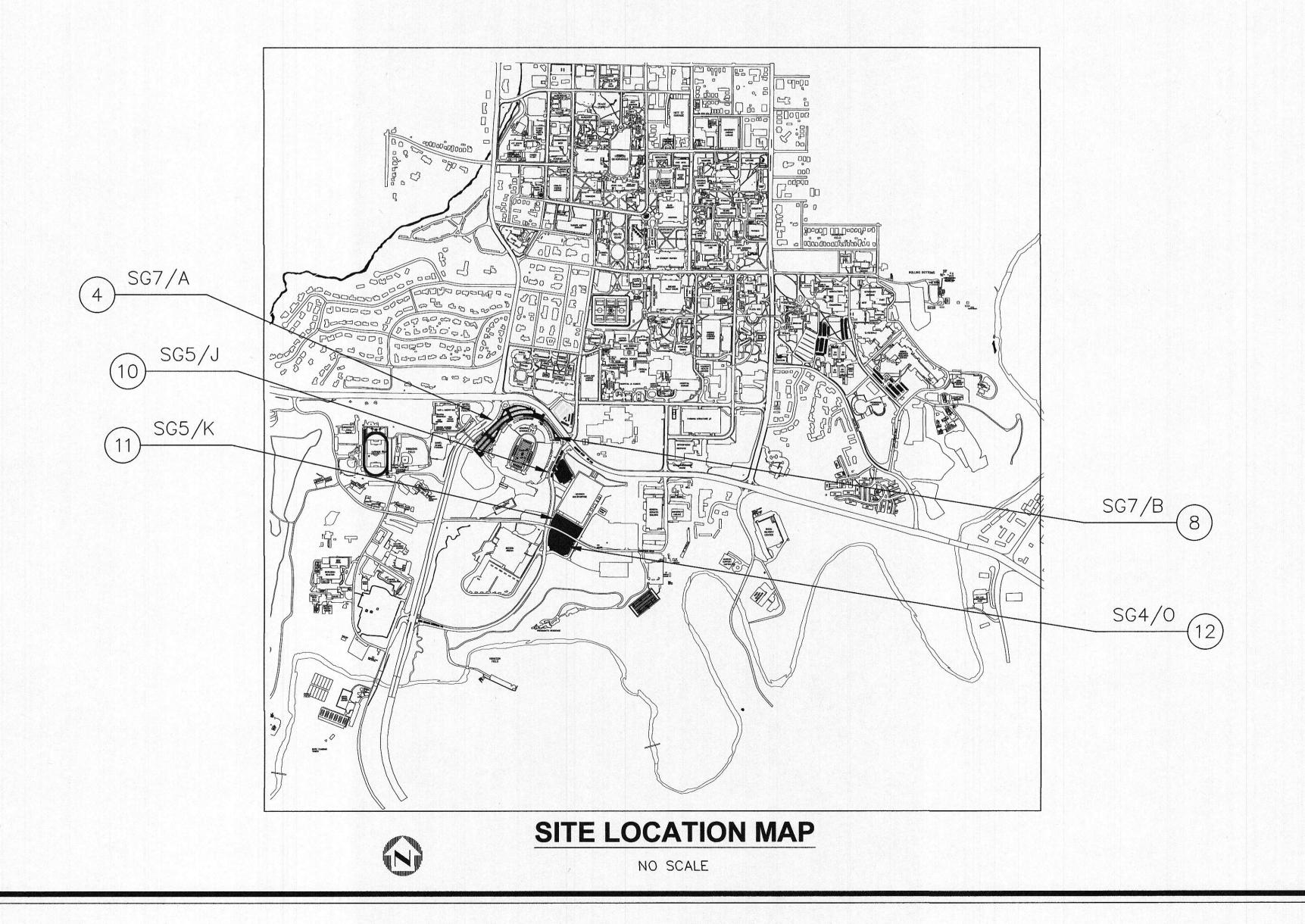
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## **UNIVERSITY OF MISSOURI**

PROJECT NO. CP241341

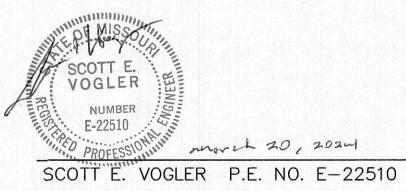
FOR THE CURATORS OF THE UNIVERSITY OF MISSOURI **BID SET ISSUED 03/25/2024** 



#### SAFETY NOTICE TO CONTRACTOR

#### ENGINEER'S CERTIFICATION

SPECIFICATIONS ARE AS REQUIRED BY AND IN COMPLIANCE WITH THE BUILDING CODES OF THE UNIVERSITY OF MISSOURI.





MECO ENGINEERING COMPANY INC. **ENGINEERS** \* SURVEYORS

2701 INDUSTRIAL DRIVE JEFFERSON CITY, MISSOURI 65109 (573) 893-5558

MECO PROJECT NO. 473-070

MU ENERGY MANAGEMENT 573-882-3094

SANITARY SEWER **ELECTRIC** 

MISSOURI ONE-CALL SYSTEM

1-800-DIG-RITE 1-800-344-7483

AMEREN/UE 210 ORR STREET

COLUMBIA, MISSOURI 65201 CONTACT: DON HARTLEY 573-876-3208

**TELEVISION** MEDIACOM

> 901 N. COLLEGE AVENUE COLUMBIA, MISSOURI 65205

573-443-1535

TELEPHONE

AT&T 400 WACO ROAD

COLUMBIA, MISSOURI 65205

573-474-2223

#### **GENERAL NOTES**

- <u>UTILITIES</u>: LOCATION OF EXISTING UTILITIES, WHERE SHOWN, IS FOR INFORMATION ONLY AND IS NOT GUARANTEED TO BE ACCURATE OR COMPLETE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REQUEST UTILITY LOCATES FROM THE OWNER'S REPRESENTATIVE 72 HOURS PRIOR TO CONSTRUCTION AT INDIVIDUAL SITES.
- 2. SOIL BORINGS: SOIL BORING INFORMATION HAS NOT BEEN INCLUDED IN THE SPECIFICATIONS. IF THE CONTRACTOR DEEMS SUCH INVESTIGATIONS NECESSARY FOR THE PREPARATION OF THIS BID, HE SHALL BEAR ALL COSTS AND RESPONSIBILITY FOR SUCH INVESTIGATIONS. HE SHALL OBTAIN PERMISSION OF THE UNIVERSITY MISSOURI - (OWNER) TO OBTAIN SOIL BORINGS AND ANY BORING SHALL BE MADE IN ACCORDANCE WITH THE UNIVERSITY'S REQUIREMENTS. ANY RESULTING HOLES OR EXCAVATIONS SHALL BE BACKFILLED ACCORDING TO THE SPECIFICATIONS IMMEDIATELY UPON COMPLETION OF THE INVESTIGATION.
- 3. TREES AND SHRUBS: ALL TREES WITHIN THE GRADING LIMITS SHALL BE PROTECTED FROM DAMAGE WITH CONSTRUCTION FENCING UNLESS SPECIFICALLY NOTED TO BE REMOVED.
- 4. ALL EXISTING IMPROVEMENTS IN CONFLICT WITH PROPOSED CONSTRUCTION SHALL BE REMOVED AND DISPOSED OF AWAY FROM THE SITE.
  - A. THIS WORK SHALL CONSIST OF REMOVING PAVEMENTS, SURFACING AND BASE COURSES OF ALL TYPES, PARKING BLOCKS, WHEEL STOPS, OBJECTS AND OTHER EXISTING IMPROVEMENTS, WHICH CONFLICT WITH THE WORK.
  - B. OLD PAVEMENTS OR OTHER OBSTRUCTIONS TO THE CONSTRUCTION OF THE PAVEMENTS AND NOT DESIGNATED OR PERMITTED TO REMAIN SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
  - C. IN REMOVING PAVEMENT AND OTHER SIMILAR IMPROVEMENTS AND WHERE A PORTION OF SUCH IMPROVEMENTS IS TO BE LEFT IN PLACE, THEY SHALL BE REMOVED TO AN EXISTING JOINT. SUFFICIENT REMOVAL SHALL BE MADE TO PROVIDE FOR PROPER GRADE AND CONNECTIONS IN THE NEW WORK, WHICH MAY BE INDICATED ON THE PLANS.
  - D. THE CONTRACTOR SHALL NOT USE THE OWNER'S LANDFILL. DUMPING OR DISPOSAL OF EXCAVATED OR DEMOLISHED MATERIALS ON THE OWNER'S PROPERTY SHALL NOT BE PERMITTED. THE CONTRACTOR SHALL REMOVE AND LEGALLY DISPOSE OF EXCAVATED OR DEMOLISHED MATERIALS OFF THE OWNER'S PROPERTY.
- 5. CONTRACTOR SHALL NOT DISTURB LAWN AREAS. IF LAWN AREAS ARE DISTURBED, REFER TO SPECIFICATIONS.
- 6. DIMENSIONS ON DRAWINGS ARE GENERALLY BASED UPON TOPOGRAPHIC SURVEYS. THE CONTRACTOR SHALL DETERMINE THE ACTUAL AMOUNT OF WORK, AND MAY WISH TO VERIFY DIMENSIONS, FOR HIS BID AND CONSTRUCTION PURPOSED. NO CHANGE IN CONTRACT PRICE WILL BE MADE FOR DISCREPANCIES BETWEEN ACTUAL AND SCALED DIMENSIONS.
- 7. THE CONTRACTOR SHALL USE CARE NOT TO SPLASH TACK OR SEAL COAT, OR OTHER ASPHALT MATERIALS ON CONCRETE SURFACES INCLUDING, BUT NOT LIMITED TO, CURB AND GUTTERS, WHEEL STOPS, OR CONCRETE DRIVES.
- 8. CONTRACTOR SHALL PROVIDE SIGNAGE, BARRICADES AND / OR FLAGMEN, IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVISES DURING CONSTRUCTION OF IMPROVEMENTS. CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE ENGINEER AND OWNER PRIOR TO CONSTRUCTION ON A PARTICULAR LOT OR ROAD. THE ENGINEER OR OWNER MAY MODIFY THE TRAFFIC CONTROL PLAN AT NO ADDITIONAL COST TO THE PROJECT.
- 9. THE COORDINATES FOR THE FAILED AREAS ARE PROVIDED TO SHOW GENERAL LOCATIONS ONLY. THE EXACT LOCATION SHALL BE DETERMINED BY THE OWNERS REPRESENTATIVE.
- 10. THE CONTRACTOR SHALL COORDINATE THE STRIPING ON THE LOTS WITH THE OWNER AND OWNER'S REPRESENTATIVE.
- 11. CONTRACTOR SHALL NOT PAVE OVER EXISTING MANHOLES OR VALVE COVERS.

#### 2024 SCHEDULE / UNIVERSITY ACTIVITIES

- 12. THE CONTRACTOR SHALL SCHEDULE CONSTRUCTION TO MINIMIZE DISRUPTION OF THE FOLLOWING SCHEDULED UNIVERSITY EVENTS. SCHEDULING SHALL COMPLY WITH THE REQUIREMENTS IN THE CONTRACT SPECIAL CONDITIONS.
  - 2024 COMMENCEMENT
  - COLUMBIA PUBLIC SCHOOLS GRADUATION

  - SENIOR SHOW ME STATE GAMES SHOW ME STATE GAMES

SURVEYED

MAY 10, 2024 - MAY 12, 2024 MAY 23, 2024 - MAY 24, 2024 JUNE 6, 2024 - JUNE 9, 2024

JULY 19, 2024 - JULY 21, 2024

JULY 26, 2024 - JULY 28, 2024

NUMBER E-22510

**BID SET ISSUED: 03/25/2024** 

REVISION DESCRIPTION NO. DATE IF THIS DRAWING IS PLOTTED LESS THAN 24x36 IN SIZE, IT IS A REDUCED PLOT - SCALE SHOULD BE ADJUSTED ACCORDINGLY



MO Engineering Lic. #000898 - IL Design Firm #184-001749

OFFICE LOCATIONS HANNIBAL, MO JEFFERSON CITY, MO BRANSON, MO BOONVILLE, MO PITTSFIELD, IL

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**VARIOUS LOCATIONS** FY24 SUMMER PAVING PROJECT - ASPHALT UNIVERSITY OF MISSOURI PROJECT NO. CP241341

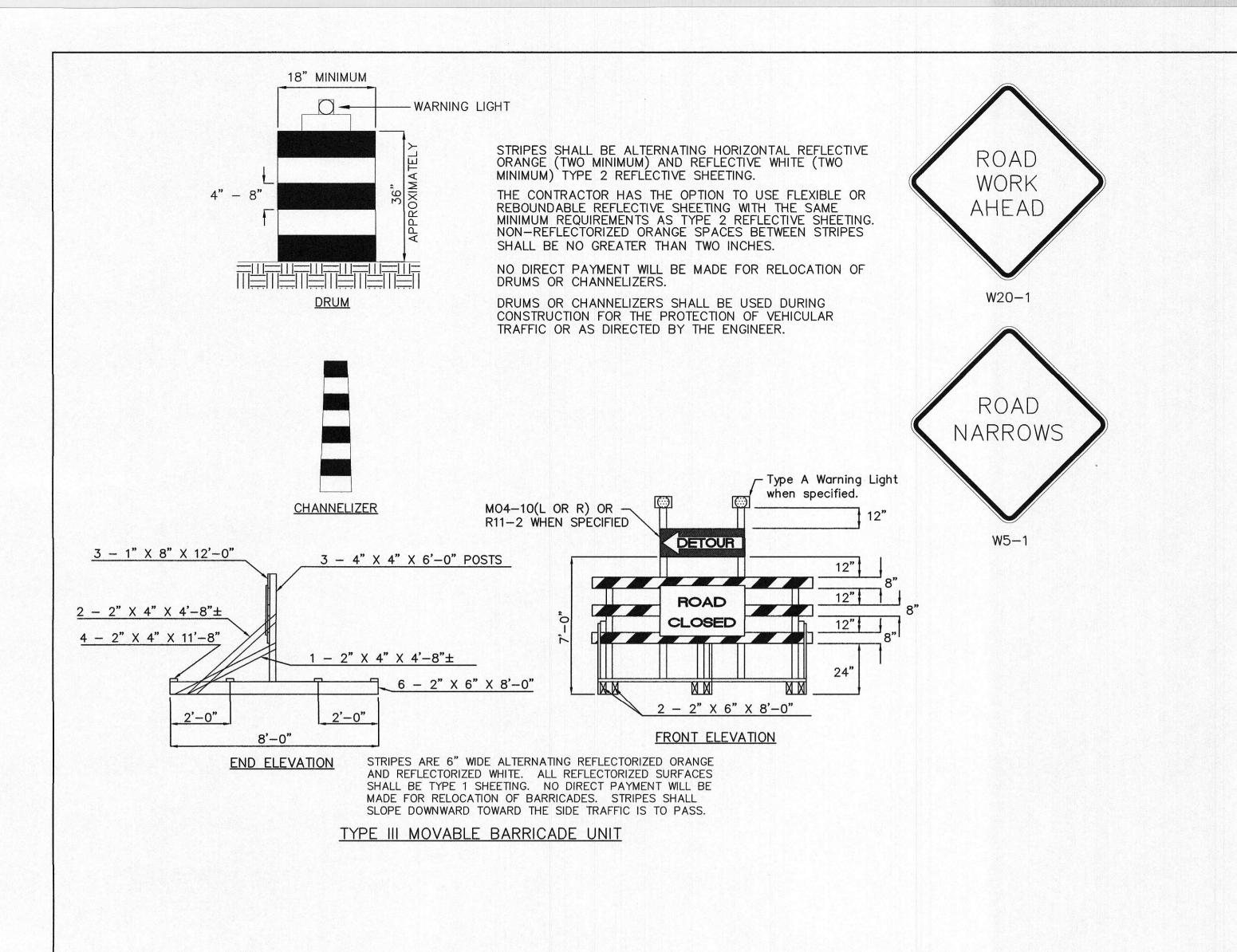
STANDARD NOTES

DRAWING NAME APPROVED SCALE DESIGNED DRAWN CHECKED C-002-A N.T.S. SEV EW/TN

SHEET NO.

CP241341

473-070



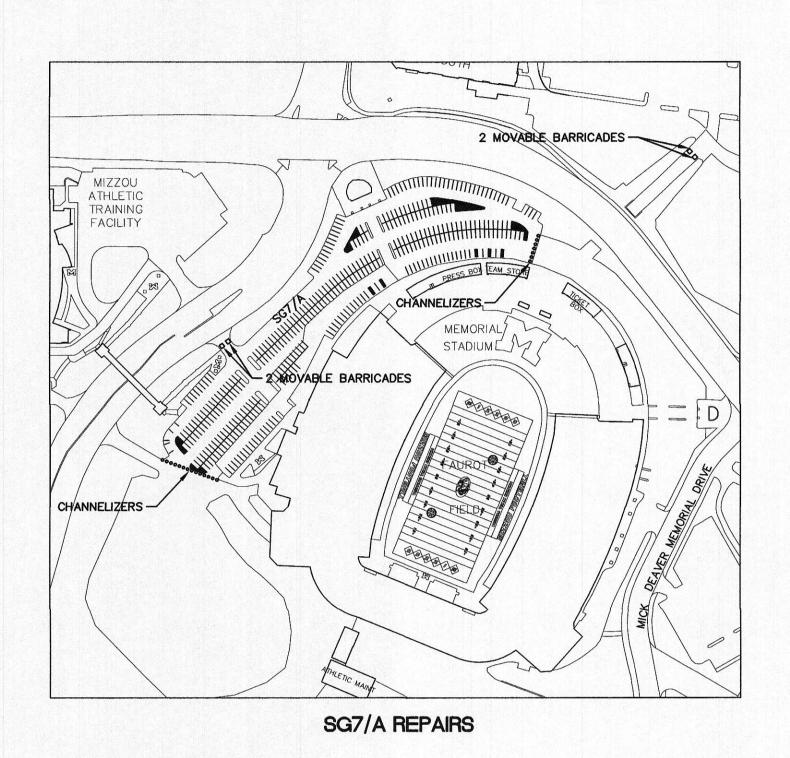
1. THE CONTRACTOR SHALL UTILIZE CONSTRUCTION SIGNS ONLY WHEN NECESSARY DUE TO CONSTRUCTION OPERATIONS. ALL SIGNS AND HANDLING OF TRAFFIC SHALL BE IN ACCORDANCE WITH MUTCD.

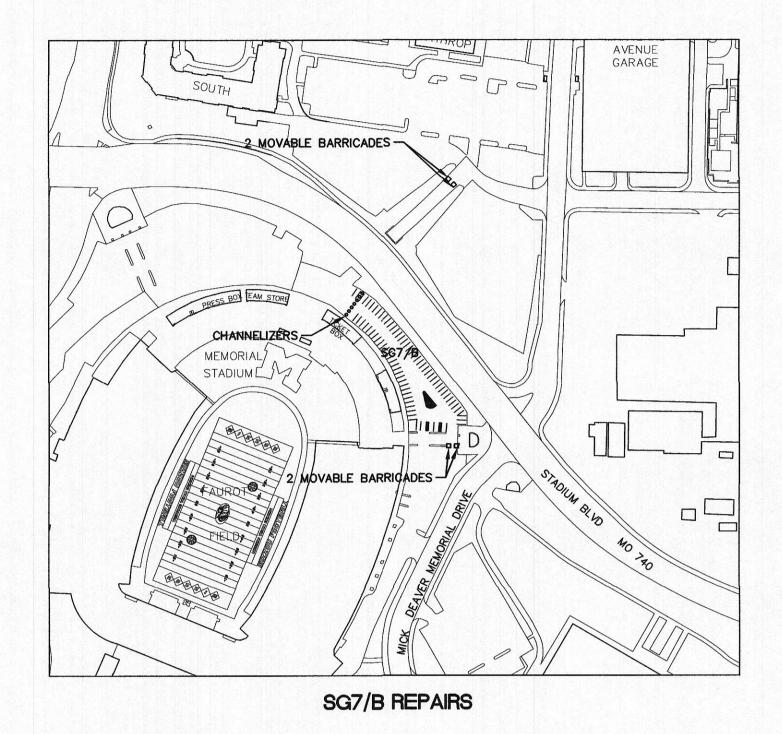
2. ALL SIGNS GREATER THAN 10 SQUARE FEET IN AREA SHALL BE MOUNTED ON TWO

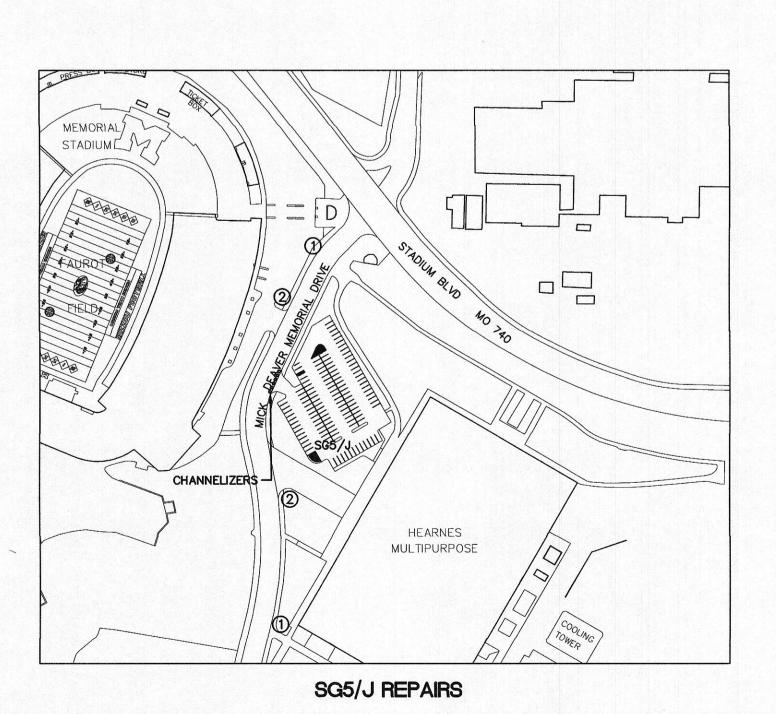
3. THE CONTRACTOR SHALL MODIFY THE TRAFFIC CONTROL PLAN TO FIT HIS CONSTRUCTION TECHNIQUE AND SCHEDULE. ANY MODIFIED TRAFFIC CONTROL PLAN SHALL BE APPROVED BY THE ENGINEER.

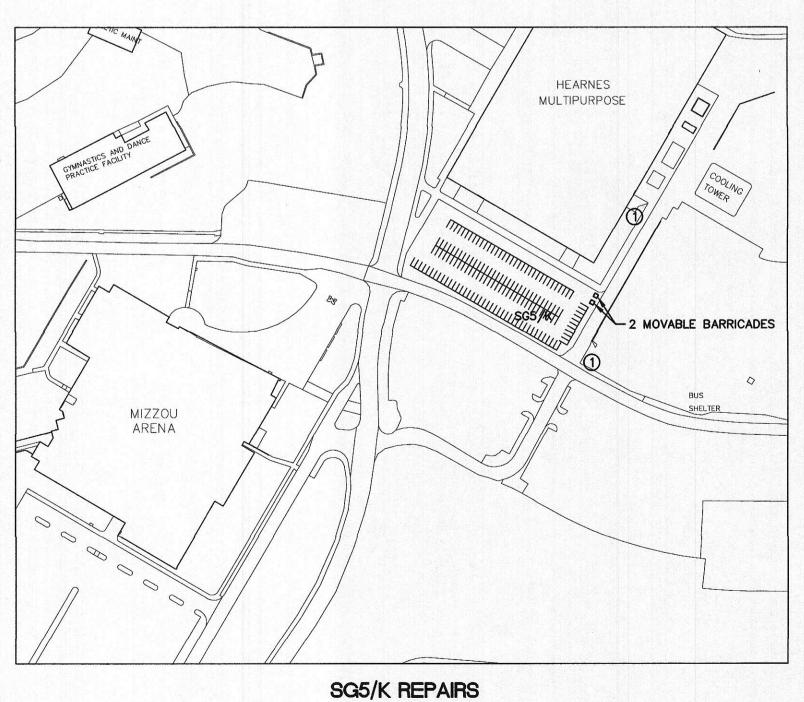
4. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE AND PROVIDE ADEQUATE TRAFFIC CONTROL FOR ALL LOTS OR ROADS IN ACCORDANCE WITH MUTCD.

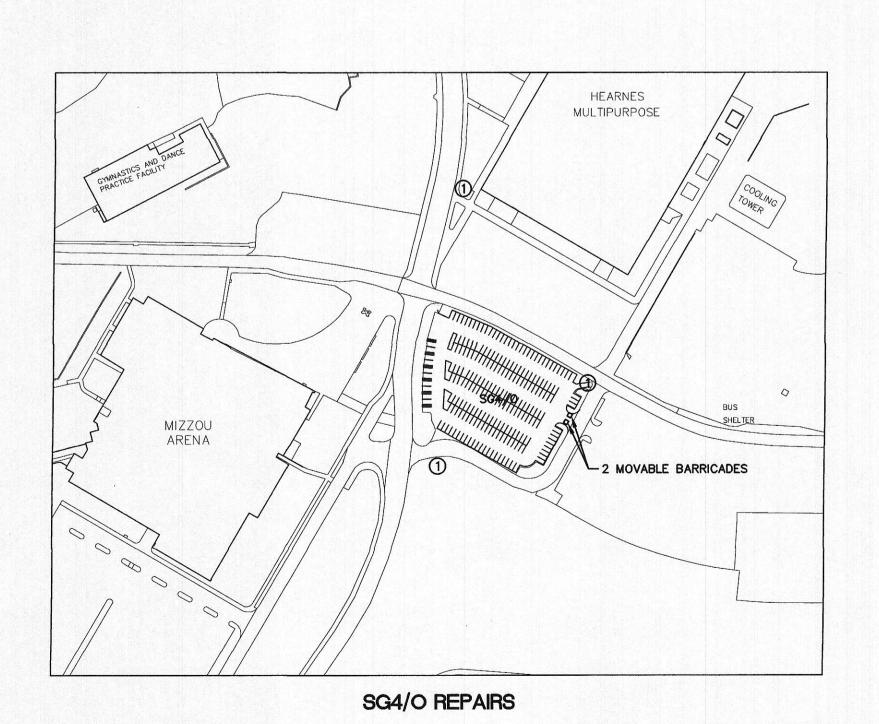
				SIGN SUM	MARY		
	SIGN SIZE AREA QUANTITY TOTAL AREA SQ. FT. QUANTITY SIGN LEGEND SQ. FT.						
				WARNING	SIGNS		
1	W20-1	48" X 48"	16.0	5	80	ROAD WORK AHEAD	
2	W5-1	48" X 48"	16.0	2	32	ROAD NARROWS	
	CONSTRUCTION SIGNS 112 SQ. FT. TOTAL						











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**VARIOUS LOCATIONS** FY24 SUMMER PAVING PROJECT - ASPHALT UNIVERSITY OF MISSOURI PROJECT NO. CP241341

CICN	LOCATION	AND	TRAFFIC	CONTROL
SIGIN	LOCATION	AND	MALLIC	COMINO

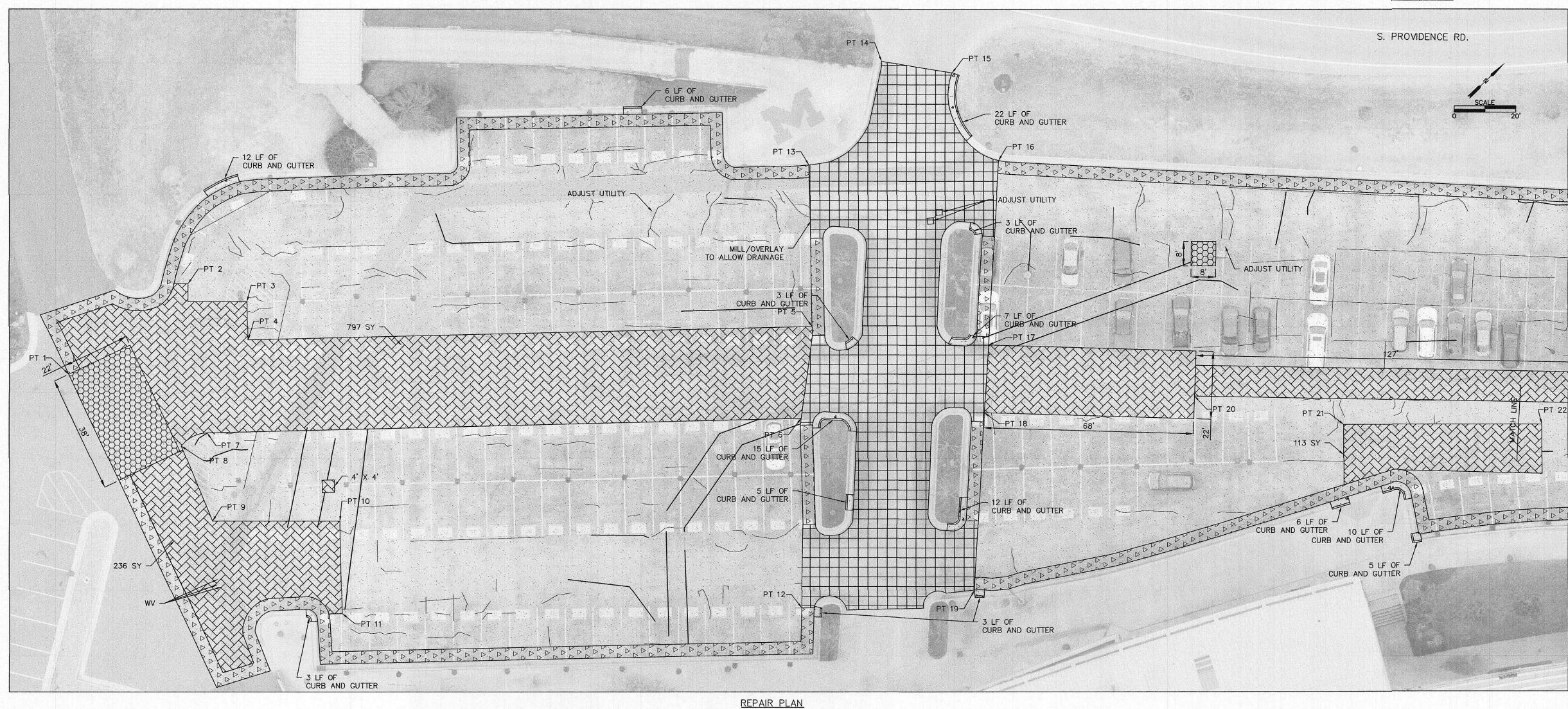
PROJECT NUMBER CP241341 473-070 SHEET NO. DRAWING NAME TrafControl-A

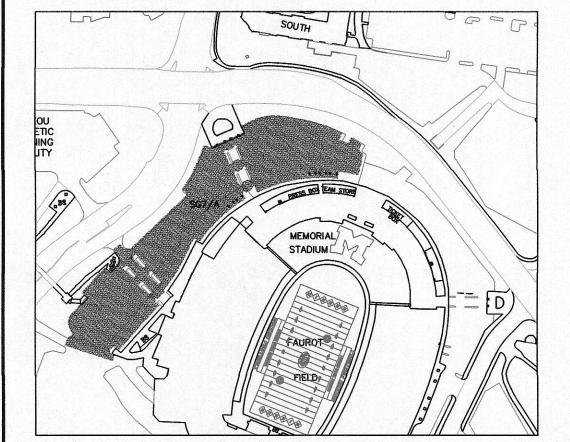
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**LOCATION MAP** 

THE CONTRACTOR SHALL CLEAN AND FILL ANY CRACK THAT MEASURES 1/8" WIDE OR MORE. ALL CRACKS SHOWN ARE REPRESENTATIVE OF THE CRACKS TO BE FILLED AND NO EXTRA PAYMENT SHALL BE GIVEN FOR ANY CRACK NOT SHOWN. THE CONTRACTOR SHALL ASCERTAIN THE LOCATION, SIZE, AND AMOUNT OF CRACKS TO BE FILLED

2. LARGE CRACKS SHOWN AND CRACKS LARGER THAN 3/4" WIDE SHALL BE CLEANED TO SUBGRADE AND REPAIRED IN ACCORDANCE WITH THE SPECIFICATIONS.

3. THE CONTRACTOR SHALL REPAIR THE FAILED AREAS AS SHOWN IN DETAILS ON SHEET

4. CONTRACTOR SHALL REVIEW SHEET NO. 14 FOR DETAILS OF CONSTRUCTION ON THIS

5. THE EDGE OF PARKING AREA SHALL BE CONSIDERED THE LIMITS OF CONSTRUCTION. THE CONTRACTOR SHALL NOT PUT EQUIPMENT OR SUPPLIES OUTSIDE THE LIMITS OF CONSTRUCTION. ANY DAMAGE CAUSED TO SURROUNDING GRASS TURF SHALL BE REPAIRED BY MU LANDSCAPING AND PAID BY THE CONTRACTOR.

#### NOTES TO THE CONTRACTOR:

Underground facilities, structures, and utilities have been plotted from available surveys and records and therefore, their locations must be considered approximate only. There may be others, the existence of which is at present not known. Verification of the locations of underground utilities, shown or not shown, will be the responsibility of the construction contractor.

The contractor shall make suitable and timely requests to all utility owners, pipeline owners, or other parties affected to have all necessary adjustments of public or private utilities, pipe lines, or other appurtenances within, or adjacent to the limits of construction, as soon as practical or possible.

Point #	Northing	Easting	Description
1	1129694.32	1687244.86	REPAIR
2	1129742.64	1687250.28	REPAIR
3	1129752.55	1687267.61	REPAIR
4	1129744.21	1687276.79	REPAIR
5	1129879.98	1687399.61	REPAIR
6	1129856.96	1687418.70	REPAIR
7	1129713.91	1687289.54	REPAIR
8	1129704.87	1687286.87	REPAIR
9	1129695.48	1687311.39	REPAIR
10	1129725.47	1687339.84	REPAIR
11	1129705.41	1687362.05	REPAIR
12	1129814.78	1687463.30	REPAIR
13	1129915.27	1687360.94	REPAIR
14	1129955.52	1687352.84	REPAIR
15	1129969.43	1687371.15	REPAIR

Point #	Northing	Easting	Description
16	1129960.88	1687402.20	REPAIR
17	1129917.36	1687443.28	REPAIR
18	1129901.33	1687458.29	REPAIR
19	1129859.43	1687497.70	REPAIR
20	1129954.47	1687501.33	REPAIR
21	1129983.22	1687541.35	REPAIR
22	1130029.86	1687585.59	REPAIR

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OFFICE LOCATIONS HANNIBAL, MO JEFFERSON CITY, MO BRANSON, MO BOONVILLE, MO PITTSFIELD, IL

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VARIOUS LOCATIONS	
FY24 SUMMER PAVING PROJECT - ASPHALT	
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SG7A	DEP/	\ID	DI A
3G/A		4117	

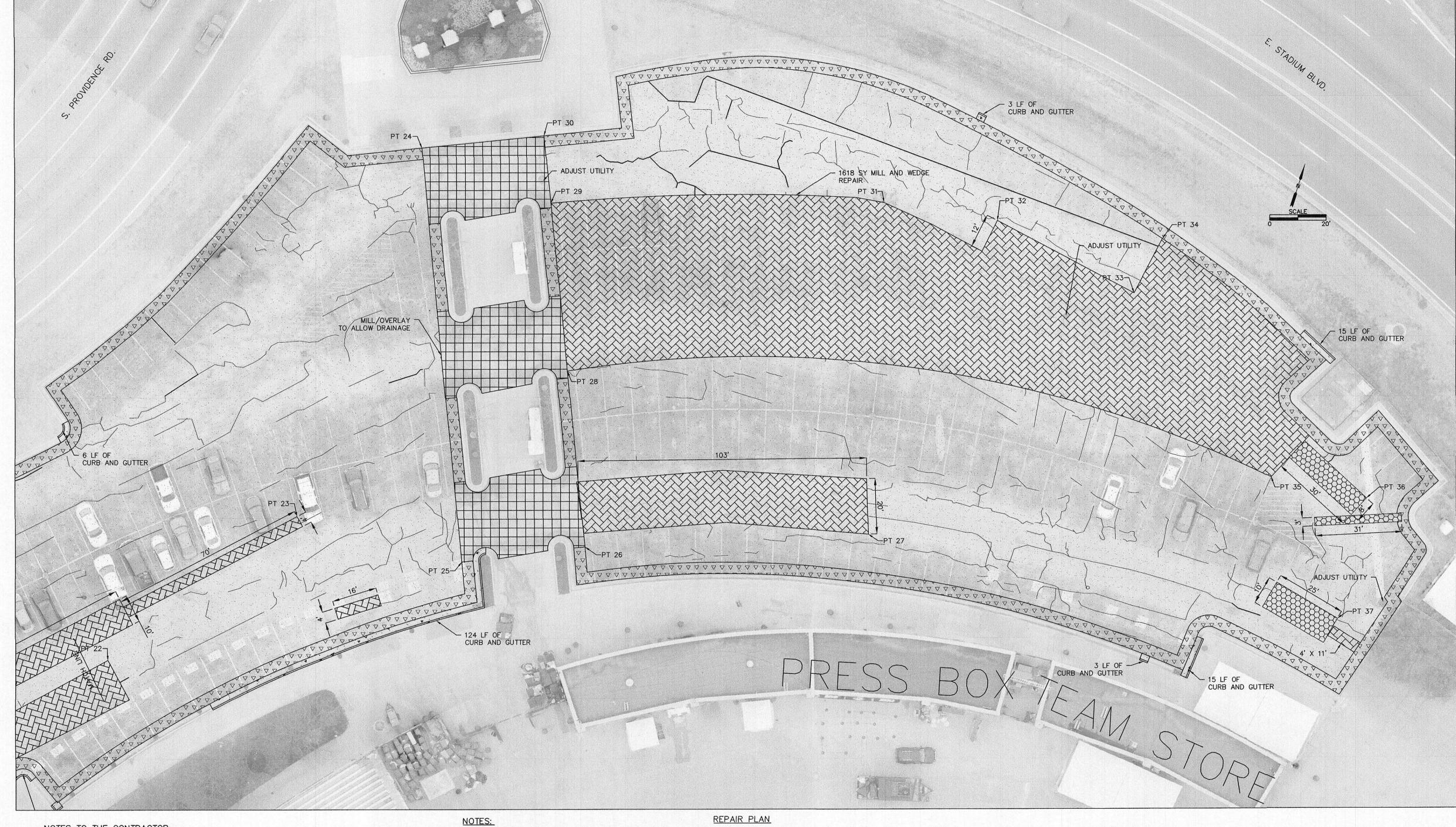
PROJECT NUMBER SHEET NO. DRAWING NAME CP241341 SG7AB-A 473-070

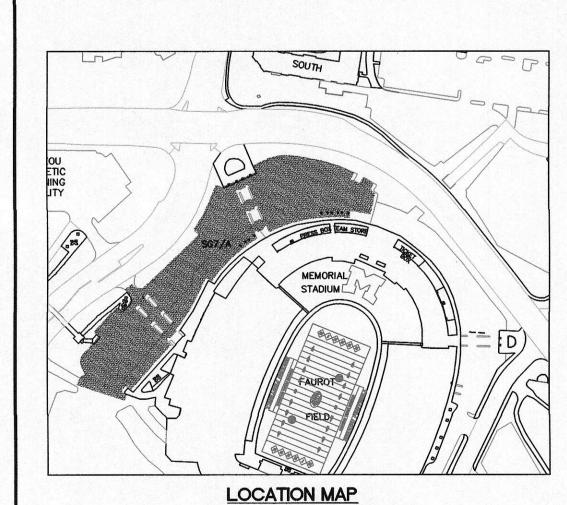
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APPROVED RELEASED





Point Table

1130099.01 | 1687634.11

1130236.92 | 1687636.33

1130101.59 | 1687694.57

1130268.91 | 1687798.39

1130275.19 | 1687838.75 |

1130287.03 | 1687896.55 |

1130177.72 | 1687996.92 |

1687734.62

1687829.04

1687709.71

1687685.83

1130254.33 | 1687676.24 | REPAIR

1687892.74

1687959.20

1687993.73

1687979.22 REPAIR

1130078.09 | 1687672.17 | REPAIR

REPAIR

REPAIR

1130120.08

1130177.51

1130265.59

1130218.25

1130221.49

1130206.41

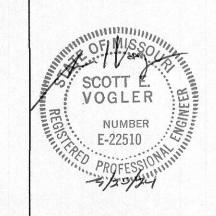
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- 2. LARGE CRACKS SHOWN AND CRACKS LARGER THAN 3/4" WIDE SHALL BE CLEANED TO SUBGRADE AND REPAIRED IN ACCORDANCE WITH THE SPECIFICATIONS.
- 3. THE CONTRACTOR SHALL REPAIR THE FAILED AREAS AS SHOWN IN DETAILS ON SHEET NO. 14
- 4. CONTRACTOR SHALL REVIEW SHEET NO. 14 FOR DETAILS OF CONSTRUCTION ON THIS LOT.
- 5. THE EDGE OF PARKING AREA SHALL BE CONSIDERED THE LIMITS OF CONSTRUCTION. THE CONTRACTOR SHALL NOT PUT EQUIPMENT OR SUPPLIES OUTSIDE THE LIMITS OF CONSTRUCTION. ANY DAMAGE CAUSED TO SURROUNDING GRASS TURF SHALL BE REPAIRED BY MU LANDSCAPING AND PAID BY THE CONTRACTOR.

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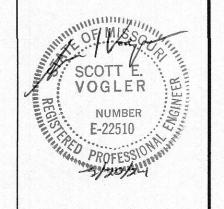
SG7A REPAIR PLAN	

DRAWING NAME CP241341 473-070 SG7AB-A



	Poin	t Table	
Point #	Northing	Easting	Description
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41	1129811.81	1687459.11	STRIPING
42	1129830.53	1687443.60	STRIPING
43	1129704.02	1687328.55	STRIPING
44	1129741.17	1687281.11	STRIPING
45	1129874.32	1687402.24	STRIPING
46	1129898.46	1687375.54	STRIPING
47	1129771.64	1687260.84	STRIPING
48	1129741.76	1687251.49	STRIPING
49	1129758.01	1687243.34	STRIPING
50	1129762.97	1687242.93	STRIPING
51	1129779.52	1687250.65	STRIPING
52	1129793.27	1687262.80	STRIPING
53	1129837.34	1687287.85	STRIPING
54	1129890.56	1687336.35	STRIPING
55	1129946.14	1687419.27	STRIPING
56	1129920.16	1687444.19	STRIPING
57	1129903.21	1687460.39	STRIPING
58	1129879.31	1687487.31	STRIPING
59	1129912.75	1687517.42	STRIPING
60	1129970.35	1687520.32	STRIPING
61	1129990.18	1687574.11	STRIPING

- 1. THE CONTRACTOR SHALL REVIEW SHEET 14 FOR STRIPING DETAILS FOR THIS LOT
- 2. CONTRACTOR SHALL PAINT ALL PARKING SPACE NUMBER MARKINGS AND RECTANGLES. SEE SHEET 14 FOR PARKING SPACE NUMBER DETAIL.



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VARIOUS LOCATIONS FY24 SUMMER PAVING PROJECT - ASPHALT

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SG7A STRIPING PLAN

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RSITY	OF MIS	SOURI P	ROJECT	NO. CP24134	1		
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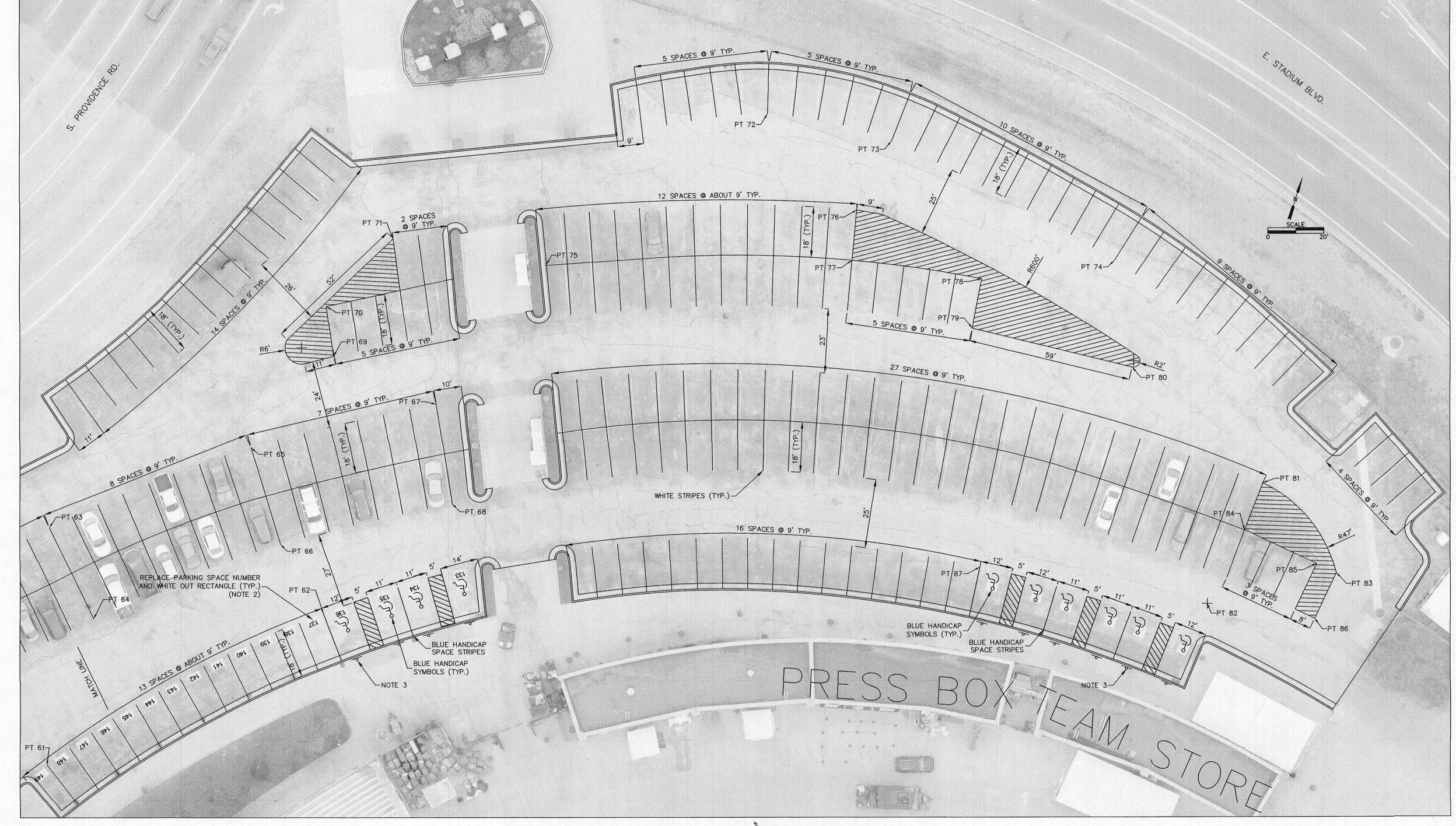
SG7AB-A

PROJECT NUMBER CP241341 473-070 SHEET NO.

NO. DATE

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1687651.51 1130070.89 | 1687549.03 | STRIPING 1687573.95 1130044.91 1687608.73 1130120.17 1687629.40 STRIPING 1687666.98 STRIPING 1130155.37 1687683.30 1130123.28 STRIPING 1687626.78 1130176.49 | 1687618.88 1130206.79 | 1687634.13 | STRIPING 1130290.23 1130294.73 | 1687792.81 1687881.66 1687689.10 1130214.84 1130267.50 | 1687788.48 | STRIPING 1130240.06 | 1687840.76 | STRIPING 1130244.43 | 1687899.40 | BEGIN RADIUS 1687956.50 | RADIUS POINT 1130219.36 1130172.33 | 1687950.83 | END RADIUS 1130196.88 | 1687991.34 | STRIPING 1130201.38 | 1687955.54 | STRIPING STRIPING 1130197.88 | 1687983.67 | 1130179.03 | 1687989.01 | STRIPING 1130159.75 | 1687869.48 | STRIPING

Point Table

STRIPING LAYOUT

#### NOTES:

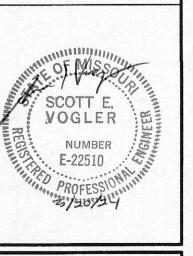
1. THE CONTRACTOR SHALL REVIEW SHEET 14 FOR STRIPING DETAILS FOR THIS LOT

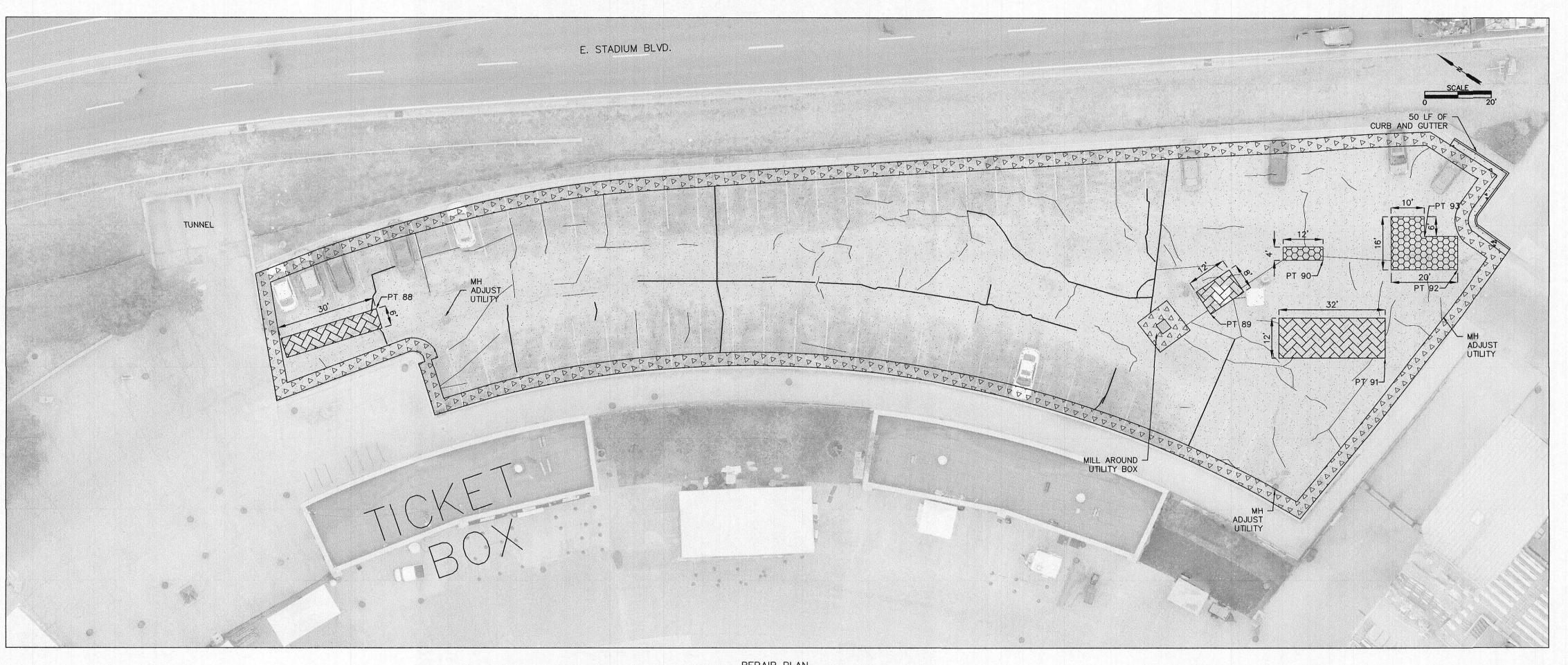
2. CONTRACTOR SHALL PAINT ALL PARKING SPACE NUMBER MARKINGS AND WHITE OUT RECTANGLES. SEE SHEET 14 FOR PARKING SPACE NUMBER DETAIL.

3. CONTRACTOR SHALL NOT DISTURB EXISTING ADA SIGNS

BID SET ISSUED: 03/25/2024

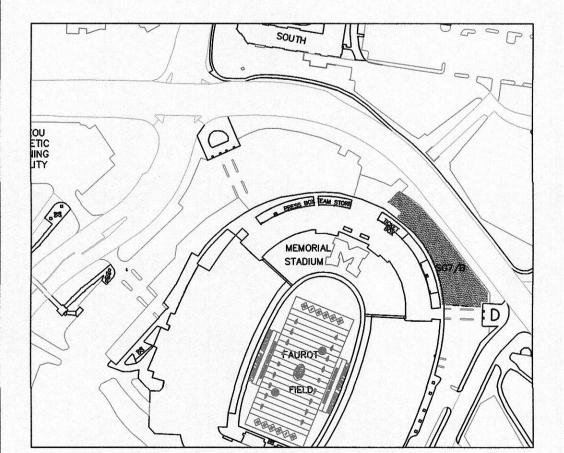
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEARS ON THIS SHEET ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS REVISION DESCRIPTION **VARIOUS LOCATIONS** OFFICE LOCATIONS SG7A STRIPING PLAN FY24 SUMMER PAVING PROJECT - ASPHALT (PURSUANT TO SECTION 327.411 RSMO) & (PURSUANT TO HANNIBAL, MO JEFFERSON CITY, MO 225 ILCS 325/PROFESSIONAL ENGINEERING PRACTICE ACT OF 1989) ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNIVERSITY OF MISSOURI PROJECT NO. CP241341 BRANSON, MO BOONVILLE, MO PROJECT NUMBER CP241341 473-070 PITTSFIELD, IL UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART, OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS. DRAWING NAME SHEET NO. CHECKED APPROVED mecoengineering.com MO Engineering Lic. #000898 - IL Design Firm #184-001749 SG7AB-A EW/TN SEV





	Poin	t Table	
Point #	Northing	Easting	Description
88	1130105.48	1688136.10	REPAIR
89	1129897.66	1688277.24	REPAIR
90	1129879.07	1688309.72	REPAIR
91	1129846.93	1688296.21	REPAIR
92	1129844.04	1688330.38	REPAIR
93	1129857.94	1688332.95	REPAIR

REPAIR PLAN



LOCATION MAP

#### NOTES TO THE CONTRACTOR:

Underground facilities, structures, and utilities have been plotted from available surveys and records and therefore, their locations must be considered approximate only. There may be others, the existence of which is at present not known. Verification of the locations of underground utilities, shown or not shown, will be the responsibility of the construction contractor.

The contractor shall make suitable and timely requests to all utility owners, pipeline owners, or other parties affected to have all necessary adjustments of public or private utilities, pipe lines, or other appurtenances within, or adjacent to the limits of construction, as soon as practical or possible.

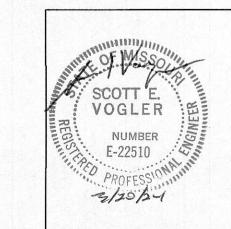
### NOTES:

- 1. THE CONTRACTOR SHALL CLEAN AND FILL ANY CRACK THAT MEASURES 1/8" WIDE OR MORE. ALL CRACKS SHOWN ARE REPRESENTATIVE OF THE CRACKS TO BE FILLED AND NO EXTRA PAYMENT SHALL BE GIVEN FOR ANY CRACK NOT SHOWN. THE CONTRACTOR SHALL ASCERTAIN THE LOCATION, SIZE, AND AMOUNT OF CRACKS TO BE FILLED
- 2. LARGE CRACKS SHOWN AND CRACKS LARGER THAN 3/4" WIDE SHALL BE CLEANED TO SUBGRADE AND REPAIRED IN ACCORDANCE WITH THE SPECIFICATIONS.
- 3. THE CONTRACTOR SHALL REPAIR THE FAILED AREAS AS SHOWN IN DETAILS ON SHEET NO. 14
- 4. CONTRACTOR SHALL REVIEW SHEET NO. 14 FOR DETAILS OF CONSTRUCTION ON THIS LOT.
- 5. THE EDGE OF PARKING AREA SHALL BE CONSIDERED THE LIMITS OF CONSTRUCTION. THE CONTRACTOR SHALL NOT PUT EQUIPMENT OR SUPPLIES OUTSIDE THE LIMITS OF CONSTRUCTION. ANY DAMAGE CAUSED TO SURROUNDING GRASS TURF SHALL BE REPAIRED BY MU LANDSCAPING AND PAID BY THE CONTRACTOR.

SEV

EW/TN

- 6. THE CONTRACTOR SHALL REMOVE ALL THE PARKING BLOCKS WITHIN THE LIMITS SHOWN PRIOR TO OVERLAY. THE EXISTING PARKING BLOCKS IN GOOD CONDITION SHALL BE REMOVED, STORED IN A SAFE LOCATION, AND REPLACED WHEN CONSTRUCTION IS COMPLETE. ANY PARKING BLOCKS DAMAGED DURING CONSTRUCTION SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT.
- 7. CONTRACTOR SHALL REVIEW SHEET 9 FOR INDICATED PARKING BLOCK NOTES.



BID SET ISSUED: 03/25/2024

	NO.	DATE	REVISION DESCRIPTION	BY	
IF THIS DRAWING IS PLOTTED LESS THAN					]
24x36 IN SIZE, IT IS A REDUCED PLOT — SCALE SHOULD BE ADJUSTED ACCORDINGLY					1 4
					m N

MECO ENGINEERING CO., INC.

OFFICE LOCATIONS
HANNIBAL, MO
JEFFERSON CITY, MO
BRANSON, MO
BOONVILLE, MO
PITTSFIELD, IL

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WHICH THIS PAGE REFERS.

VARIOUS LOCATIONS
FY24 SUMMER PAVING PROJECT - ASPHALT
UNIVERSITY OF MISSOURI PROJECT NO. CP2413

NO. CP241341	
RELEASED	SCALE

SG7B	DEPA	ID PI
<b>3G</b> / <b>D</b>		\

DRAWING NAME	PROJECT NUMBER	SHEET NO.
SG7AB-A	CP241341 473-070	8

L:\400-Projects\473-070 UMC 2024 Summer Paving - Design\DRAWINGS\ASPHALT PACKAGE\SG7AB-A.dwg, SG7B, 3/19/2024 7:03:36

mecoengineering.com
MO Engineering Lic. #000898 - IL Design Firm #184-001749

NO. DATE

IF THIS DRAWING IS
PLOTTED LESS THAN
24x36 IN SIZE, IT IS A
REDUCED PLOT — SCALE
SHOULD BE ADJUSTED
ACCORDINGLY



	Poin	t Table	
Point #	Northing	Easting	Description
38	1130078.09	1687672.17	REPAIR
39	1130206.41	1687979.22	REPAIR
94	1130142.87	1688125.65	STRIPING
95	1130080.18	1688200.94	STRIPING
96	1129880.45	1688357.84	STRIPING
97	1129868.26	1688361.95	STRIPING
98	1129848.23	1688362.46	STRIPING
99	1129918.08	1688275.61	STRIPING
100	1129889.48	1688299.01	STRIPING
101	1129887.37	1688278.21	STRIPING
102	1129916.30	1688271.72	STRIPING
103	1129835.09	1688318.51	STRIPING
104	1129838.92	1688261.80	STRIPING
105	1129855.33	1688240.69	STRIPING

#### NOTES:

REVISION DESCRIPTION

1. THE CONTRACTOR SHALL REVIEW SHEET 14 FOR STRIPING DETAILS FOR THIS LOT

BID SET ISSUED: 03/25/2024

BY	
	MANACCO
	MECO
	ENGINEERING CO., INC.
	mecoengineering.com MO Engineering Lic. #000898 - IL Design Firm #184-001749

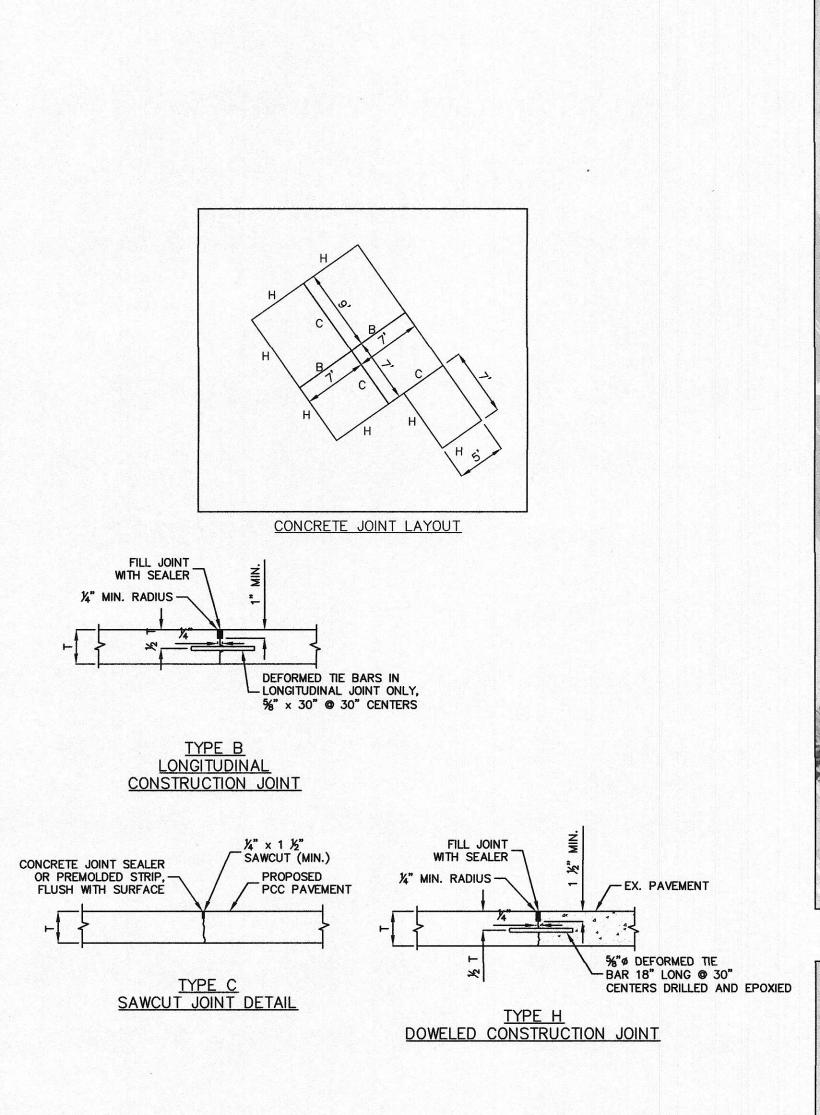
OFFICE LOCATIONS
HANNIBAL, MO
JEFFERSON CITY, MO
BRANSON, MO
BOONVILLE, MO
PITTSFIELD, IL

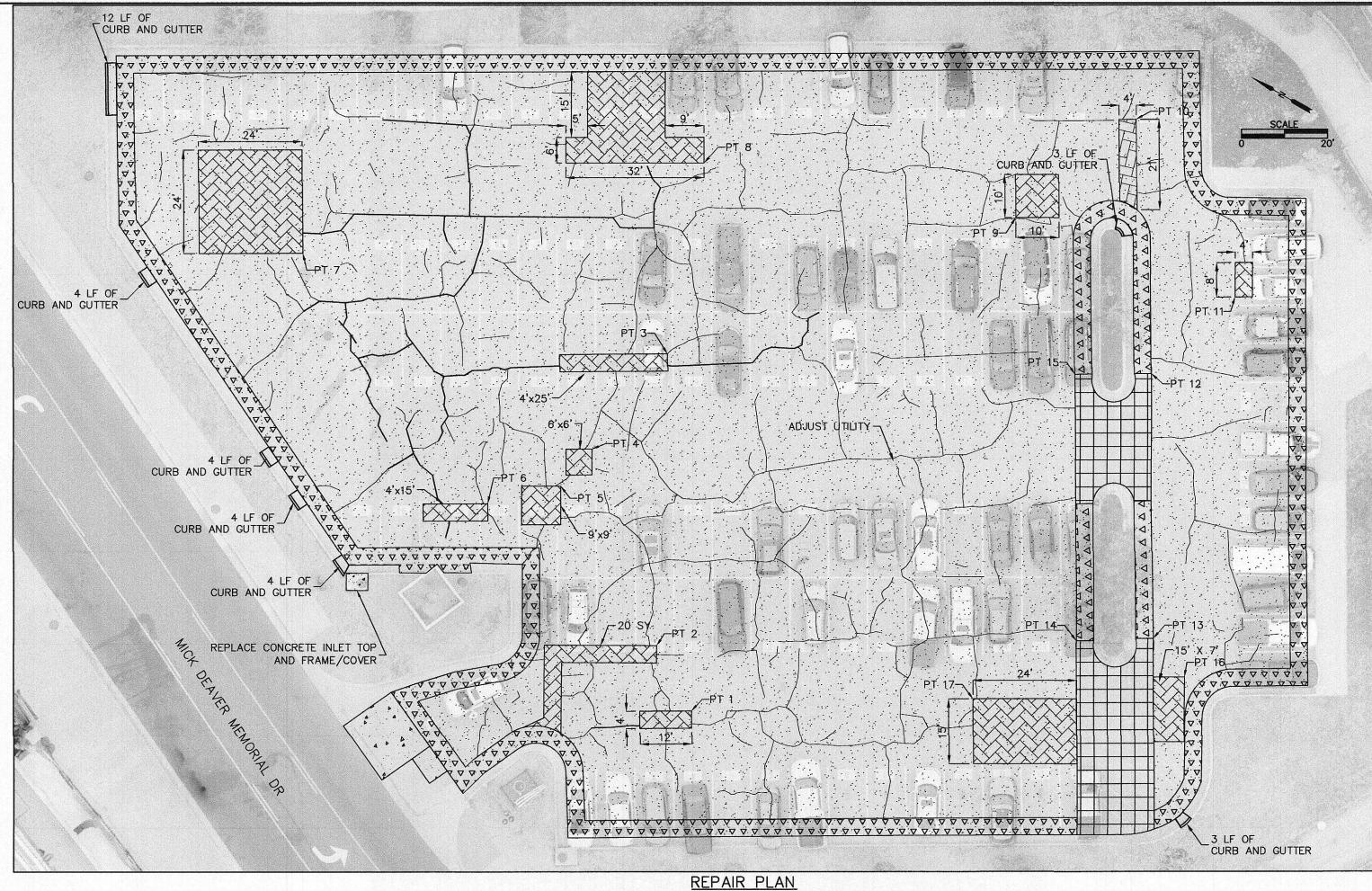
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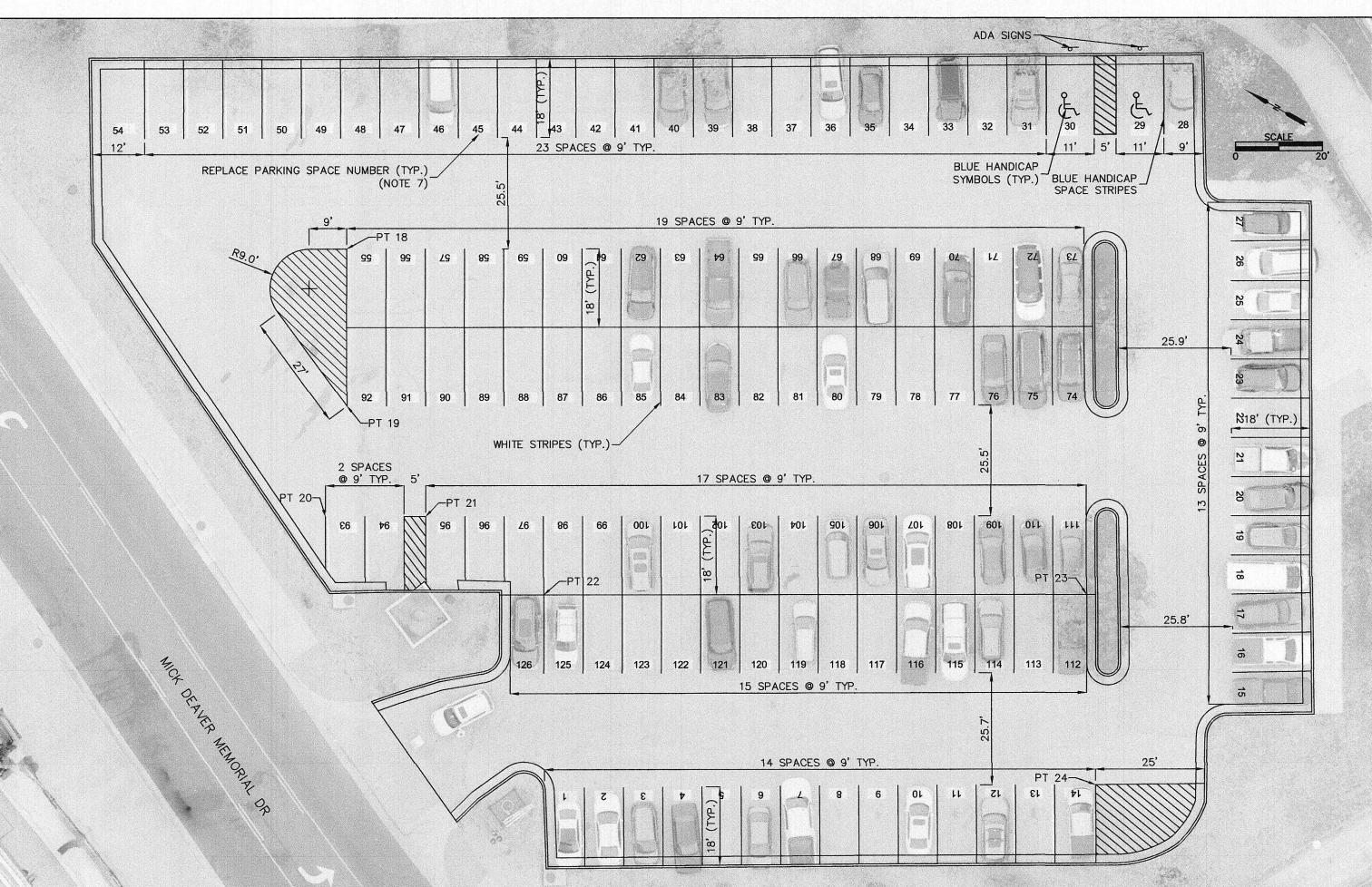
VARIOUS LOCATIONS
FY24 SUMMER PAVING PROJECT - ASPHALT
NIVERSITY OF MISSOURI PROJECT NO. CP241341

SG7B STRIPING PLAN

UNIV	ERSITY	OF MISS	SOURI P	ROJECT	NO. CP241341				
JRVEYED	DESIGNED SEV	DRAWN EW/TN	CHECKED	APPROVED	RELEASED	SCALE	DRAWING NAME SG7AB-A	PROJECT NUMBER CP241341 473-070	SHEET NO.







LEGEND: 2" BP-1 OVERLAY: SMALL CRACK: MILL/OVERLAY TO ALLOW DRAINAGE: CONCRETE REPAIR:

#### NOTES:

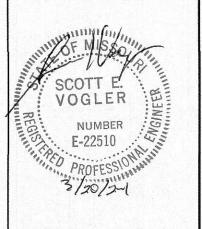
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- 2. LARGE CRACKS SHOWN AND CRACKS LARGER THAN 3/4" WIDE SHALL BE CLEANED TO SUBGRADE AND REPAIRED IN ACCORDANCE WITH THE SPECIFICATIONS.
- 3. CONTRACTOR SHALL SAWCUT AND REMOVE EXISTING CONCRETE PAVEMENT AS SHOWN. 4. CONTRACTOR SHALL REVIEW SHEET NO. 14 FOR DETAILS OF CONSTRUCTION ON THIS
- 5. CONTRACTOR SHALL REVIEW SHEET NO. 14 FOR STRIPING DETAILS ON THIS LOT.
- 6. THE EDGE OF PARKING AREA SHALL BE CONSIDERED THE LIMITS OF CONSTRUCTION. THE CONTRACTOR SHALL NOT PUT EQUIPMENT OR SUPPLIES OUTSIDE THE LIMITS OF CONSTRUCTION. ANY DAMAGE CAUSED TO SURROUNDING GRASS TURF SHALL BE REPAIRED BY MU LANDSCAPING AND PAID BY THE CONTRACTOR.
- 7. CONTRACTOR SHALL PAINT ALL PARKING SPACE NUMBER MARKINGS AND RECTANGLES. SEE SHEET 14 FOR PARKING SPACE NUMBER DETAIL.

Control Point Table							
Point #	Northing	Easting	Description				
1	1129407.32	1688312.55	REPAIR				
2	1129421.80	1688321.70	REPAIR				
3	1129452.77	1688381.80	REPAIR				
4	1129457.24	1688354.01	REPAIR				
5	1129459.28	1688343.02	REPAIR				
6	1129471.98	1688331.19	REPAIR				
7	1129537.81	1688360.55	REPAIR				
8	1129467.12	1688424.51	REPAIR				
9	1129398.05	1688448.94	REPAIR				
10	1129384.88	1688482.57	REPAIR				
11	1129344.71	1688457.97	REPAIR				
12	1129352.94	1688432.96	REPAIR				
13	1129322.45	1688379.79	REPAIR				
14	1129337.70	1688370.54	REPAIR				
15	1129368.32	1688424.12	REPAIR				
16	1129311.72	1688375.56	REPAIR				
17	1129351.90	1688347.04	REPAIR				
18	1129528.30	1688370.84	STRIPING				
19	1129510.55	1688339.52	STRIPING				
20	1129502.37	1688315.01	STRIPING				
21	1129482.34	1688326.33	STRIPING				
22	1129449.98	1688323.94	STRIPING				
23	1129341.46	1688385.28	STRIPING				
24	1129318.30	1688348.25	STRIPING				

NOTES TO THE CONTRACTOR:

Underground facilities, structures, and utilities have been plotted from available surveys and records and therefore, their locations must be considered approximate only. There may be others, the existence of which is at present not known. Verification of the locations of underground utilities, shown or not shown, will be the responsibility of the construction contractor.

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BID SET ISSUED: 03/25/2024

	LOC	ATION MAP		
	NO.	DATE	REVISION DESCRIPTION	BY
IF THIS DRAWING IS PLOTTED LESS THAN				
24x36 IN SIZE, IT IS A REDUCED PLOT — SCALE				
SHOULD BE ADJUSTED ACCORDINGLY	2.5%			

HEARNES MULTIPURPOSE



OFFICE LOCATIONS HANNIBAL, MO JEFFERSON CITY, MO BRANSON, MO BOONVILLE, MO PITTSFIELD, IL

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SURVEYED

SEV

STRIPING PLAN

**VARIOUS LOCATIONS** FY24 SUMMER PAVING PROJECT - ASPHALT UNIVERSITY OF MISSOURI PROJECT NO. CP241341

CHECKED

EW/TN

APPROVED

SG5/J REPAIR PLAN AND STRIPING PLAN

PROJECT NUMBER CP241341 473-070 DRAWING NAME SG5JKSG40-A

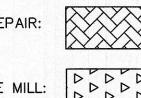
REPAIR PLAN

LEGEND:

2" BP-1 OVERLAY:

SMALL CRACK:

2" MILL AND WEDGE REPAIR:



SUBGRADE REPAIR:

LARGE CRACK:

NOTES TO THE CONTRACTOR:

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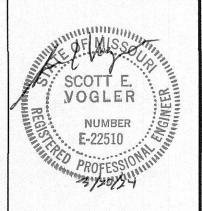
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- 4. CONTRACTOR SHALL REVIEW SHEET NO. 14 FOR DETAILS OF CONSTRUCTION ON THIS LOT.
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8. CONTRACTOR SHALL NOT DISTURB EXISTING ADA SIGNS



Point	#	Northing	Easting	Description
25		1128844.58	1688263.89	REPAIR
26		1128828.36	1688297.48	REPAIR
27		1128793.77	1688305.84	REPAIR
28		1128751.01	1688387.30	REPAIR
29		1128859.98	1688321.39	REPAIR
30		1128690.91	1688478.69	REPAIR
31		1128642.11	1688526.06	REPAIR
32		1128612.34	1688555.35	REPAIR
33		1128669.53	1688569.62	REPAIR
34		1128731.60	1688577.13	REPAIR
35		1128709.72	1688614.87	REPAIR
36		1128788.70	1688245.26	STRIPING
37		1128772.98	1688236.92	STRIPING
38		1128596.39	1688540.26	STRIPING
39		1128607.03	1688562.04	STRIPING
40		1128684.83	1688607.27	STRIPING
41		1128664.86	1688545.93	STRIPING
42		1128814.23	1688289.22	STRIPING
43		1128867.94	1688320.41	STRIPING
44		1128718.53	1688577.09	STRIPING



BID SET ISSUED: 03/25/2024

	NO. D	ATE	REVISION DESCRIPTION	BY
IF THIS DRAWING IS				
PLOTTED LESS THAN				
24x36 IN SIZE, IT IS A EDUCED PLOT — SCALE				
SHOULD BE ADJUSTED ACCORDINGLY				

HEARNES MULTIPURPOSE

LOCATION MAP

	MECO ENGINEERING CO., INC.	OFFICE LOCATIONS HANNIBAL, MO JEFFERSON CITY, MO BRANSON, MO BOONVILLE, MO PITTSFIELD, IL
mecoengineering.		רוווסרובנט, וג

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STRIPING LAYOUT

VARIOUS LOCATIONS
FY24 SUMMER PAVING PROJECT - ASPHALT
INIVERSITY OF MISSOURI PROJECT NO. CP241341

UNIV	ERSITY	OF MISS	OURI P	ROJECT	NO. CP241341	
RVEYED	DESIGNED	DRAWN	CHECKED	APPROVED	RELEASED	
	SEV	EW/TN				

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SG5	K	HEP/	AIH	FI	AN	ANI	SIF	TIPII	UCI	FL	AIN
			698 8		-/ // /	1 /1 A Pro-	~	656 69			

CALE	DRAWING NAME	PROJECT NUMBER CP241341	SHEET NO.
	SG5JKSG40-A	473-070	11

2" BP-1 OVERLAY:

LEGEND:

Control Point Table REPAIR 1128491.89 | 1688189.99 | 1688201.92 REPAIR REPAIR 1128556.96 | 1688542.26 | 1128451.12 1128375.60 | 1688394.05 | REPAIR REPAIR 1128425.00 | 1688401.73 | REPAIR 1128391.39 | 1688425.98 REPAIR 1128423.67 | 1688443.20 | REPAIR 1128440.65 | 1688419.14 REPAIR 1128457.73 | 1688397.10 | 1128466.49 | 1688397.79 | REPAIR 1128514.10 | 1688396.87 | REPAIR REPAIR 1128503.67 1688336.54 REPAIR 1128519.67 | 1688340.00 | 1688361.79 1128510.70 | 1688302.32 | |128513.93 | 1688285.82 | REPAIR 1128502.22 | 1688290.23 | 1128488.66 | 1688266.45 | REPAIR 1128565.72 | 1688275.06 | REPAIR 1128596.59 | 1688257.70 | REPAIR 1688277.82 REPAIR 1128671.35 | 1688242.55 | REPAIR 1128611.33 1688299.77 REPAIR 1128636.32 | 1688351.31 REPAIR REPAIR 1128620.53 | 1688330.66 1128526.74 | 1688410.03 | REPAIR 1128567.73 | 1688495.34 REPAIR REPAIR 1128480.50 | 1688468.57 |

MIZZOU ARENA

LOCATION MAP

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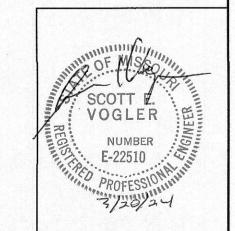
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	DATE	DATE REVISION DESCRIPTION	DATE REVISION DESCRIPTION

MO Engineering Lic. #000898 - IL Design Firm #184-001749

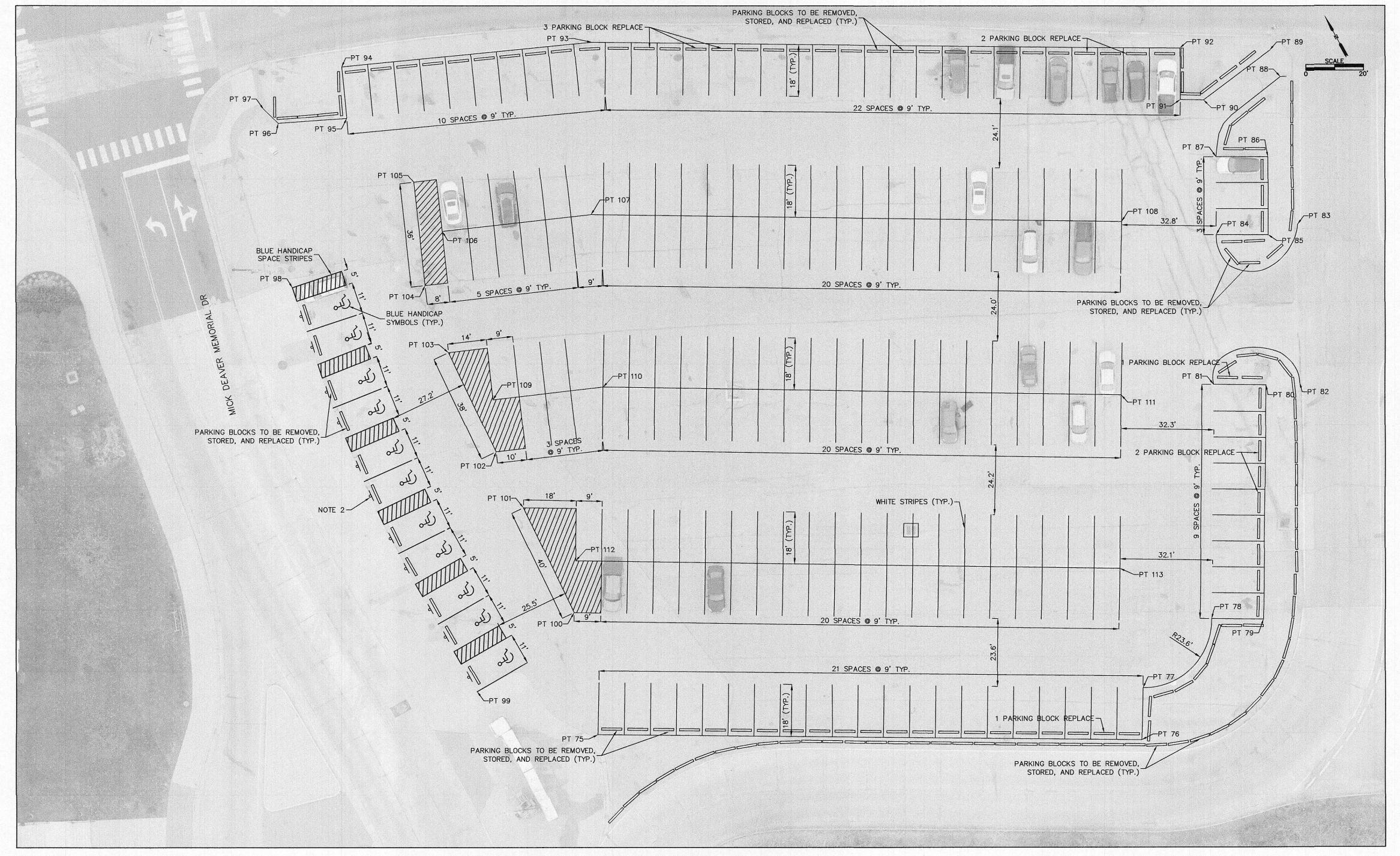
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**VARIOUS LOCATIONS** FY24 SUMMER PAVING PROJECT - ASPHALT UNIVERSITY OF MISSOURI PROJECT NO. CP241341

SEV

SG4/O REPAIR PLAN DRAWING NAME APPROVED CHECKED CP241341 SG5JKSG40-A EW/TN 473-070



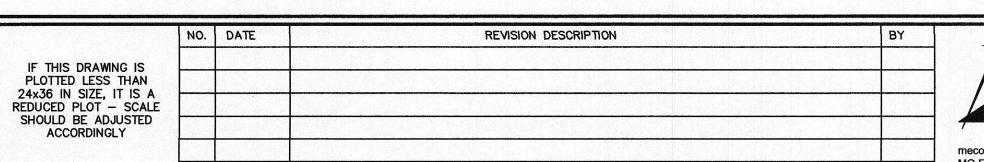
	Control I	⊃oint Ta	ble
Point #	Northing	Easting	Description
75	1128458.76	1688219.60	STRIPING
76	1128366.25	1688384.35	STRIPING
77	1128381.88	1688393.29	STRIPING
78	1128391.38	1688425.85	STRIPING
79	1128382.55	1688441.54	STRIPING
80	1128453.36	1688481.40	STRIPING
81	1128462.28	1688465.57	STRIPING
82	1128448.25	1688492.02	STRIPING
83	1128496.93	1688517.79	STRIPING
84	1128507.39	1688491.25	STRIPING
85	1128498.71	1688507.02	STRIPING
86	1128522.36	1688520.04	STRIPING
87	1128531.04	1688504.27	STRIPING
88	1128544.74	1688537.08	STRIPING
89	1128554.55	1688538.46	STRIPING
90	1128550.49	1688509.90	STRIPING
91	1128554.48	1688502.88	STRIPING
92	1128570.18	1688511.48	STRIPING
93	1128670.15	1688333.35	STRIPING
94	1128704.40	1688253.04	STRIPING
95	1128687.83	1688246.01	STRIPING
96	1128697.80	1688224.38	STRIPING
97	1128704.58	1688222.25	STRIPING
98	1128645.52	1688201.27	STRIPING
99	1128492.03	1688189.99	STRIPING
100	1128499.80	1688232.76	STRIPING
101	1128540.15	1688234.87	STRIPING
102	1128561.75	1688235.81	STRIPING
103	1128599.79	1688237.87	STRIPING
104	1128624.01	1688241.99	STRIPING
105	1128657.31	1688255.68	STRIPING
106	1128637.65	1688256.17	STRIPING
107	1128617.88	1688304.25	STRIPING
108	1128527.18	1688464.66	STRIPING
109	1128578.01	1688243.62	STRIPING
110	1128563.47	1688279.31	STRIPING
111	1128474.56	1688435.69	STRIPING
112	1128515.33	1688241.86	STRIPING
113	1128422.06	1688406.24	STRIPING

1. CONTRACTOR SHALL REVIEW SHEET NO. 14 FOR STRIPING DETAILS WITHIN THE LIMITS ON THIS LOT.

2. CONTRACTOR SHALL NOT DISTURB EXISTING ADA SIGNS

STRIPING LAYOUT

BID SET ISSUED: 03/25/2024





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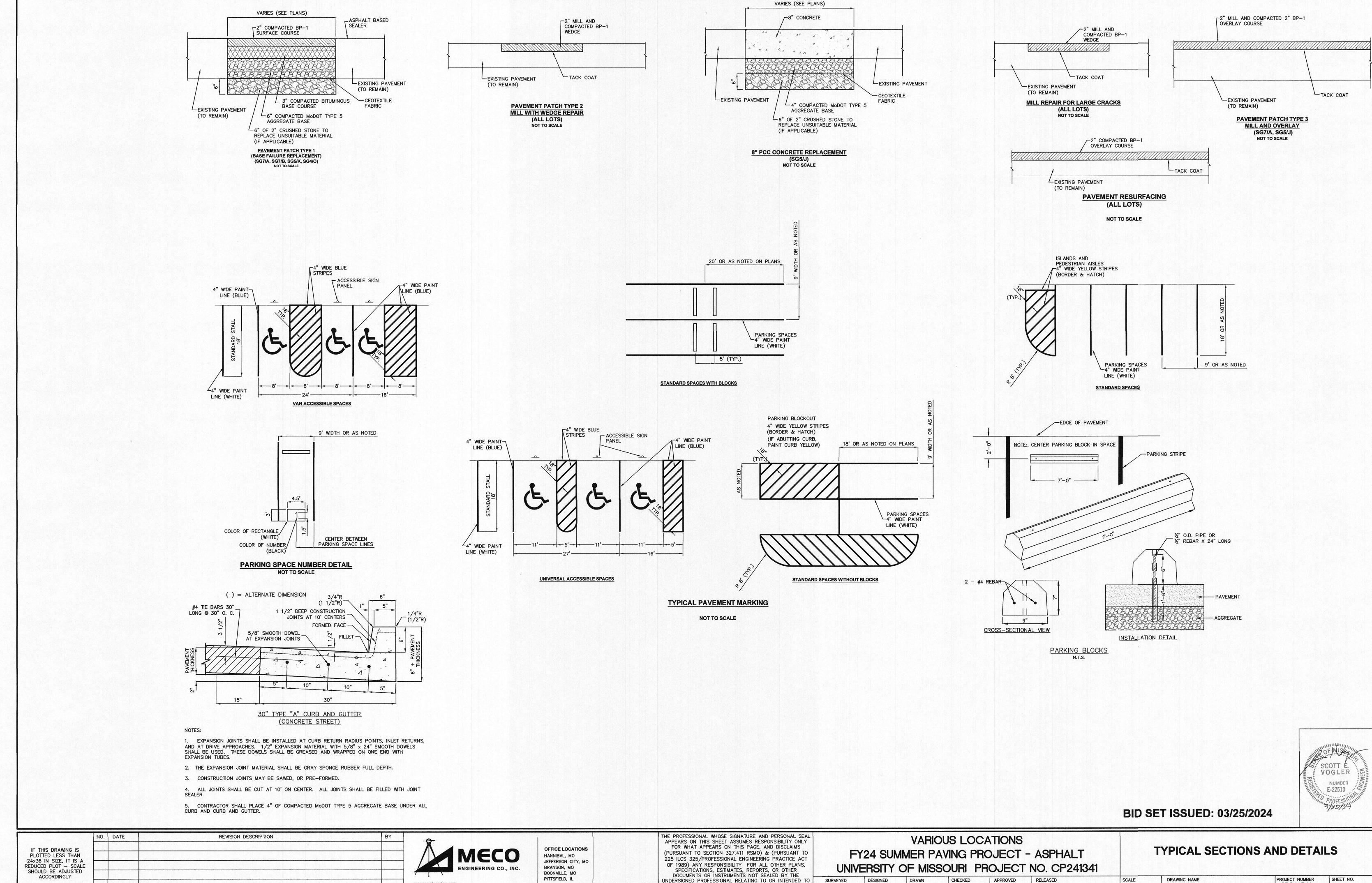
VARIOUS LOCATIONS
FY24 SUMMER PAVING PROJECT - ASPHALT
UNIVERSITY OF MISSOURI PROJECT NO. CP241341

SURVEYED

SG4/O STRIPING PLA

PROJECT NUMBER CP241341 473-070 SHEET NO.

/ERSITY OF MISSOURI PROJECT NO. CP241341						SG4/O 8	SIRIF
DESIGNED	DRAWN	CHECKED	APPROVED	RELEASED	SCALE	DRAWING NAME	
SEV	EW/TN					SG5JKSG40-A	



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