

**STAHLY ENGINEERING & ASSOCIATES**  
PROFESSIONAL ENGINEERS & SURVEYORS  
www.seeng.com  
2223 MONTANA AVE. STE. 201  
BILLINGS, MT 59101  
Phone: (406)601-4055 Fax: (406)601-4062  
3530 CENTENNIAL DR. HELENA, MT 59601  
Phone: (406)442-8504 Fax: (406)442-8557  
851 BRIDGER DR. STE. 1 BOZEMAN, MT 59715  
Phone: (406)522-9526 Fax: (406)522-9528

DRAWN BY: ZWL  
REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

**COVER**

PPA #20-0118

**SHEET**  
**G1**

12-7-20

# PPA#: 20-0118

## PARKING MAINTENANCE 2021

### MONTANA STATE UNIVERSITY

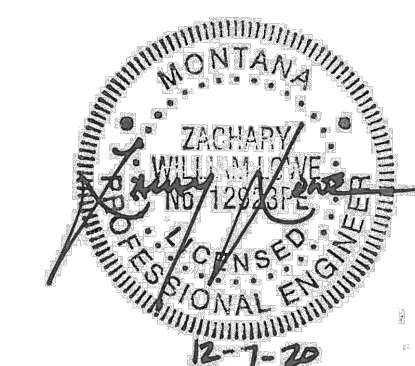
### BOZEMAN, MT

#### SHEET INDEX

Sheet Number	Sheet Title
G1	COVER
G2	NOTES, LEGEND, ABBREVIATIONS, SURVEY CONTROL
C0	KEY MAP
C1	NORTH HEDGES - LOT 1
C2	ROSKIE - LOT 2
C3	SOUTH HEDGES - LOT 3
C4	SOUTH 12TH STREET - LOT 4
C5	DEER STREET - LOT 5
C6	GREENHOUSE - LOT 6
C7	WEST LINFIELD - LOT 7
C8	LANGFORD - LOT 8
C9	LEWIS & CLARK - LOT 9
C10	NAIC PARKING GARAGE
C11	SOUTH GATTON - LOT 11
C12	FACULTY COURT - LOT 12
C13	HUFFMAN - LOT 13
C14	NORTH FIELDHOUSE - LOT 14
C15N	SOUTH FIELDHOUSE (NORTH)
C15S	SOUTH FIELDHOUSE - LOT 15 (SOUTH)
C16	HAMILTON - LOT 16
C17*	ROBERTS - LOT 17
C18*	ANTELOPE - LOT 18
C19	EAST LINFIELD - LOT 19
C20N*	WEST STADIUM (NORTH)
C20S*	WEST STADIUM (SOUTH)
C21	LINCOLN - LOT 21
C22	QUADS - LOT 22
C23	HARRISON STREET - LOT 23
C24*	S. 7TH RESERVED - LOT 24
C25N*	STADIUM EAST - LOT 25 (NORTH)
C25S*	STADIUM EAST - LOT 25 (SOUTH)
C26	BISON - LOT 26
C27	YELLOWSTONE - LOT 27
C28	HAPNER ADA - HARRISON ST.
C29*	S. 7TH STREET STRIPING
C30	SUB LOOP & ADA PARKING
C31	FIELDHOUSE SERVICE DRIVE
C32	12TH AVE. STRIPING
C33	PLANT GROWTH CENTER
C34	DETAILS

\* SHEETS LISTED IN GRAY,  
NOT IN THIS CONTRACT

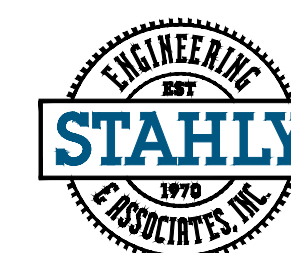
ENGINEER OF RECORD: \_\_\_\_\_ .PE  
QUALITY CONTROL REVIEWER: \_\_\_\_\_ .PE



**PREPARED FOR:**

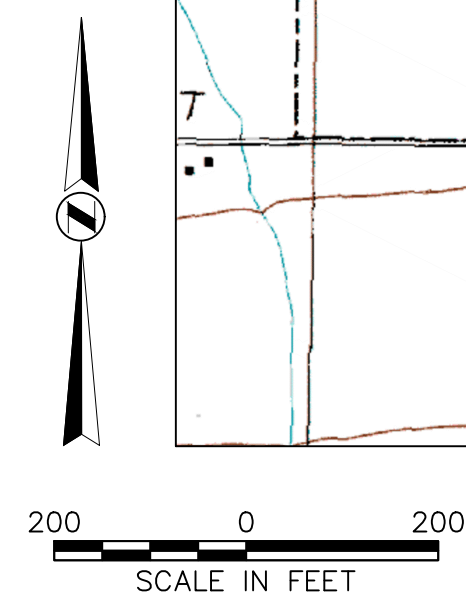
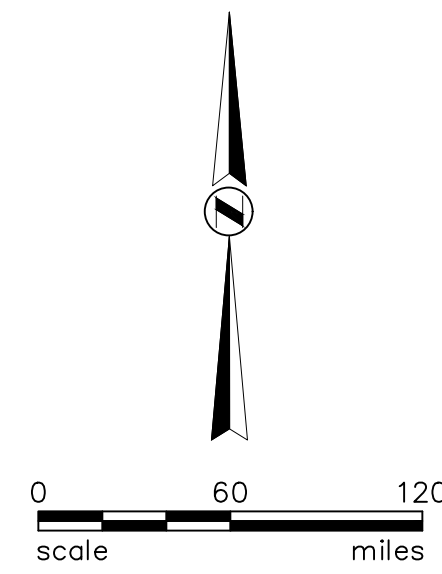
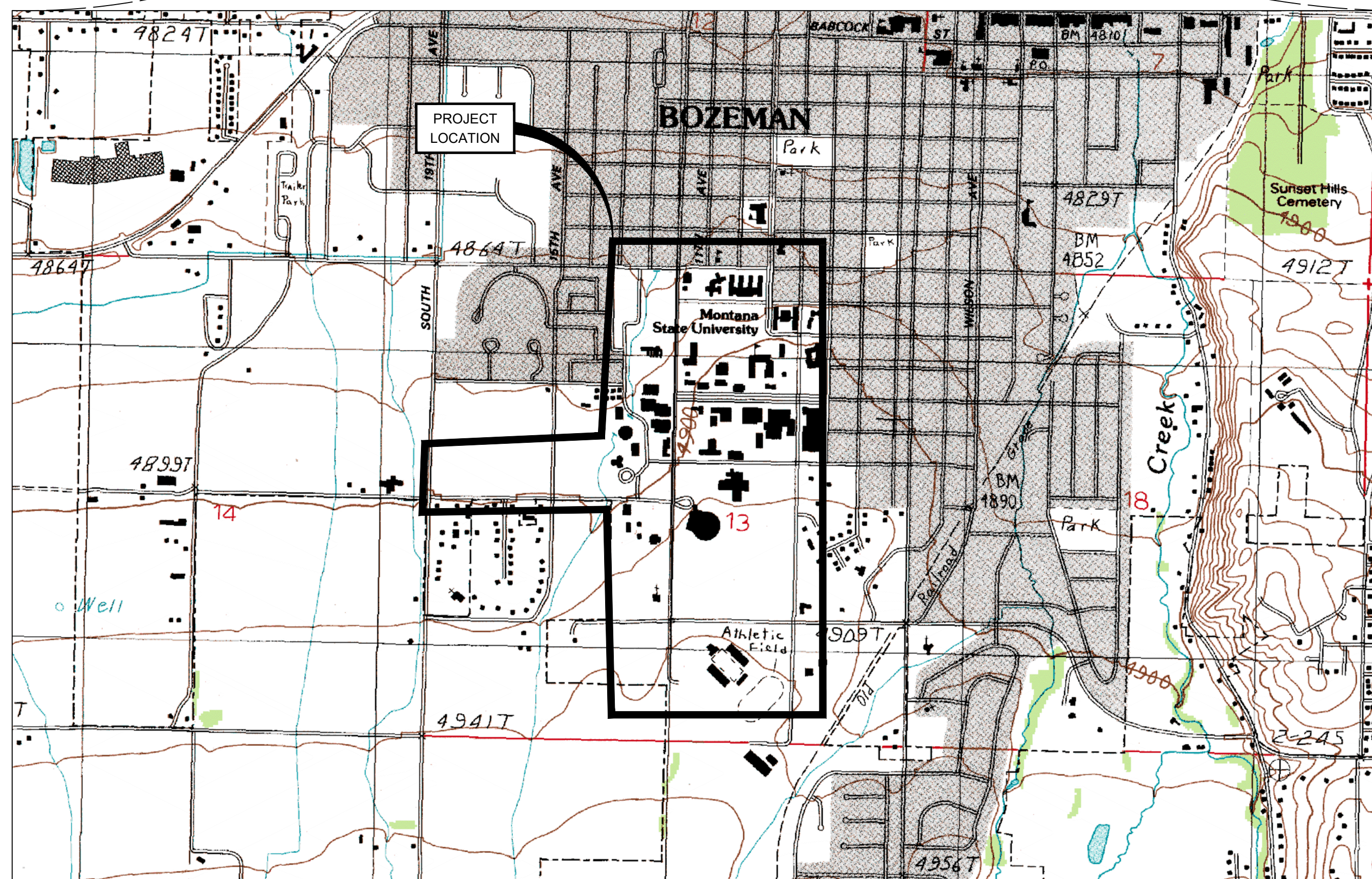
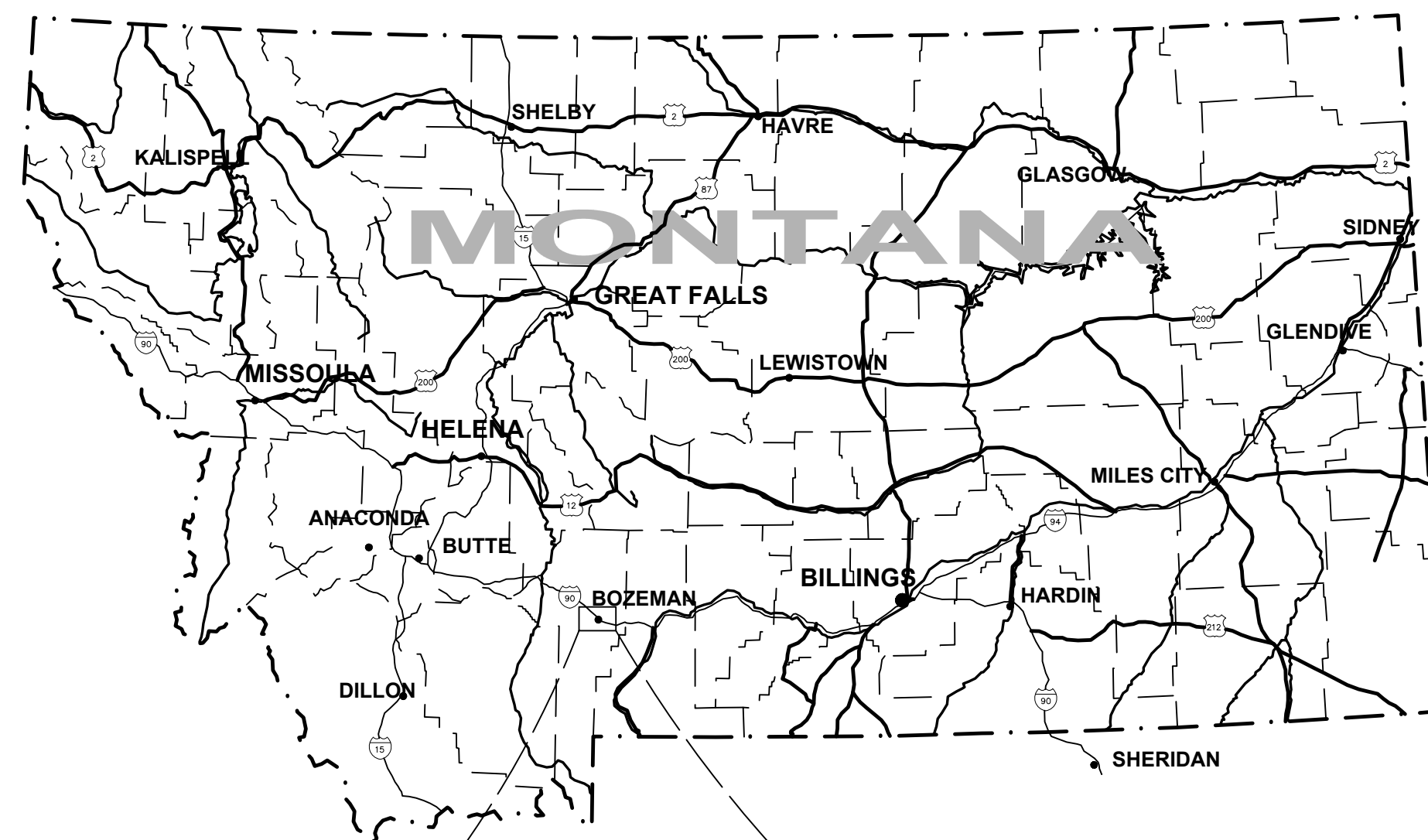
CAMPUS PLANNING, DESIGN & CONSTRUCTION  
MONTANA STATE UNIVERSITY  
BOZEMAN, MT  
PHONE: 406-994-4131  
FAX: 406-994-6572

**PREPARED BY:**



**STAHLY ENGINEERING & ASSOCIATES**  
PROFESSIONAL ENGINEERS & SURVEYORS

www.seeng.com  
2223 MONTANA AVE. STE. 201 BILLINGS, MT 59101 Phone: (406)601-4055 Fax: (406)601-4062  
3530 CENTENNIAL DR. HELENA, MT 59601 Phone: (406)442-8504 Fax: (406)442-8557  
851 BRIDGER DR. STE. 1 BOZEMAN, MT 59715 Phone: (406)522-9526 Fax: (406)522-9528





## GENERAL NOTES:

- EXISTING UTILITIES ARE NOT SHOWN IN THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ANY AND ALL UTILITIES IN THE AREA A MINIMUM OF 48 HRS PRIOR TO PERFORMING ANY EXCAVATION ON THIS PROJECT. CONTACT ONE-CALL FOR UTILITY LOCATES 1-800-424-5555.
- CONTRACTOR SHALL FIELD VERIFY PRIOR TO CONSTRUCTION. THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONARY MEANS TO PROTECT EXISTING UTILITIES.
- WHERE CONDITIONS ARE ENCOUNTERED WHICH APPEAR DIFFERENT FROM THOSE INDICATED ON THE PLANS OR IN THE SPECIFICATIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO THE PERFORMANCE OF WORK.
- ALL WORK AND MATERIALS SHALL CONFORM TO THE 6TH EDITION OF THE "MONTANA PUBLIC WORKS STANDARD SPECIFICATIONS" AND MODIFICATIONS THERETO. IN CASE OF A CONFLICT BETWEEN REGULATORY OR STANDARD SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT WILL PREVAIL.
- CONSTRUCTION SAFETY AND SANITATION FACILITIES SHALL BE PROVIDED BY THE CONTRACTOR AND MAINTAINED PER THE REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.
- THE CONTRACTOR SHALL PROTECT ADJACENT PRIVATE AND PUBLIC PROPERTY FROM DAMAGE DURING CONSTRUCTION.
- THE CONTRACTOR SHALL REPLACE EXISTING FENCING AND ROADSIDE APPURTENANCES DISPLACED OR DAMAGED BY CONSTRUCTION.
- LOTS & STREET CLOSURES SHALL BE COORDINATED WITH & APPROVED BY MSU PARKING SERVICES A MINIMUM OF 48 HRS PRIOR TO CLOSURE.
- CONTRACTOR IS RESPONSIBLE FOR PURCHASING PARKING PERMITS FROM MSU FOR WORK CREW. SEE PARKING SERVICES AT 7TH & KAGY.
- CONSTRUCTION STAGING AREA AND SCOPE OF WORK: CONTRACTOR TO USE PARKING LOTS WITH ACTIVE WORK AS STAGING AREA. SITE SHOWN IS THE MAXIMUM AREA AVAILABLE TO THE CONTRACTOR FOR MATERIAL STORAGE, EQUIPMENT STORAGE, AND OTHER ACTIVITIES RELATED TO CONSTRUCTION. ALL AREAS USED FOR CONSTRUCTION OR AREAS DAMAGED DURING THE EXECUTION OF THIS CONTRACT SHALL BE REPAIRED AND IF NECESSARY RESODDED WHEN CONSTRUCTION IS COMPLETED. EXISTING IRRIGATION SYSTEMS, TREES AND SIDEWALKS SHALL BE PROTECTED FROM DAMAGE AND SHALL BE REPLACED BY CONTRACTOR AT HIS EXPENSE IF DAMAGED. NO PARKING IN STAGING AREA OR ACCESS ROUTE. ALL VEHICLES OTHER THAN MATERIALS DELIVERY TRUCKS MUST HAVE VALID PARKING PERMIT AND BE PARKED IN DESIGNATED MSU PARKING LOT. ALL VEHICLES TO LEAVE STAGING AREA IMMEDIATELY AFTER COMPLETING INTENDED TASK. CONTRACTOR WILL BE RESPONSIBLE TO REPAIR OR REPLACE DAMAGED AREAS OF BUILDINGS AND/OR LANDSCAPING. CONTRACTOR IS TO OBTAIN APPROVAL OF CONSTRUCTION STAGING SET-UP FROM MSU CONSTRUCTION INSPECTOR BEFORE BEGINNING CONSTRUCTION.
- CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED FACILITIES THAT ARE A RESULT OF THESE IMPROVEMENTS AS DESCRIBED HERE AND IN THE SPECIFICATIONS. CONTRACTOR SHALL REMOVE ANY PREVIOUSLY ABANDONED FACILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL INCLUDE ALL PIPE MATERIALS WITHIN THE EXCAVATION LIMITS, ALL CURB AND GUTTER, SIDEWALK, ASPHALT, ETC., ALL MANHOLES (COMPLETE), VALVE BOXES (FOR VALVE BOXES THAT ARE ABANDONED IN PLACE, REMOVE THE TOP 2-FT SECTION MINIMUM - FILL REMAINDER WITH GRAVEL MATERIALS). WHERE EXISTING PIPE IS TO BE ABANDONED IN PLACE, THE EXPOSED END OF THE PIPE SHALL BE PLUGGED WITH CONCRETE. THIS WORK SHALL BE CONSIDERED INCIDENTAL.
- CONTRACTOR SHALL PROCURE THE NECESSARY DISCHARGE PERMITS AND STORMWATER CONTROL PERMITS (SEE SECTION 01060 OF THE SPECIFICATIONS.)
- ALL AREAS DISTURBED DURING CONSTRUCTION SHALL RE RESTORED TO EXISTING CONDITION AT THE CONTRACTOR'S EXPENSE.
- ANY ROAD CLOSURE MUST BE COORDINATED THROUGH THE ENGINEER, MSU AND CITY OF BOZEMAN (WHERE APPLICABLE). DETOUR ROUTES MUST BE SUBMITTED FOR APPROVAL THROUGH THE ENGINEER AND WILL BE REVIEWED BY MSU AND CITY OF BOZEMAN (WHERE APPLICABLE). THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL INCLUDING, BUT NOT LIMITED TO, DETOURS, SIGNAGE AND FLAGGING PERSONNEL.
- THE CONTRACTOR SHALL MAINTAIN AND PROVIDE A SET OF AS BUILT DRAWINGS TO THE ENGINEER PRIOR TO FINAL ACCEPTANCE.
- THE CONTRACTOR SHALL ROUT & CRACK SEAL ALL CRACKS PRIOR TO APPLYING SEAL COAT.
- THE CONTRACTOR SHALL CLEAN THE PARKING LOT PRIOR TO APPLYING SEAL COAT.
- AMBIENT AIR TEMPERATURE SHALL BE AT LEAST 50° F & RISING BEFORE APPLYING ANY SEAL COAT.
- ALL DIMENSIONS & AREAS ARE APPROXIMATE. CONTRACTOR TO BE PAID BY IN-PLACE QUANTITIES.

## GENERAL PROJECT LEGEND

EXISTING ITEMS	
-----	EXISTING CONTOUR (1.00' INTERVAL)
=====	EXISTING CURB & GUTTER
-----	EXISTING EDGE OF ASPHALT
=====	EXISTING EDGE OF GRAVEL
-x-x-	EXISTING FENCE-BARBWIRE
	EXISTING GUARDRAIL
	EXISTING RAILROAD TRACKS
⊕	EXISTING TRAFFIC SIGNAL
⊕	EXISTING SIGN
G	EXISTING GAS LINE
FO	EXISTING FIBER OPTICS LINE
C	EXISTING TELE/COMMUNICATION LINE
□	EXISTING PEDESTAL
OE	EXISTING OVERHEAD POWER
E	EXISTING BURIED POWER
⊕	EXISTING UTILITY POLE
⊕	EXISTING UTILITY ANCHOR
⊕	EXISTING LIGHT POLE
⊕	EXISTING ELECTRIC METER
□	EXISTING JUNCTION BOX
⊕	EXISTING STORM MAIN
⊕	EXISTING STORM CULVERT
⊕	EXISTING STORM CATCH BASIN
S	EXISTING SANITARY SEWER MAIN
⊕	EXISTING SANITARY SEWER MANHOLE
W	EXISTING WATER MAIN
⊕	EXISTING GATE VALVE
⊕	EXISTING FIRE HYDRANT
⊕	EXISTING WATER METER
⊕	EXISTING WATER MANHOLE
⊕	EXISTING CURB STOP

**CAUTION !!!**  
EXISTING UTILITIES IN AREA  
CONTRACTOR RESPONSIBLE FOR  
UTILITY LOCATES PRIOR TO  
AND DURING CONSTRUCTION

## PROJECT LOCATION MAP

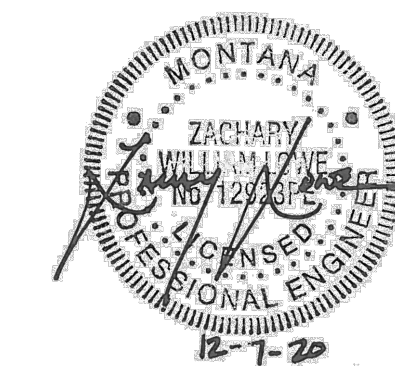
### SURVEY NOTES:

HORIZONTAL: NAD83 (NA2011 EPOCH 2010.000)  
MONTANA STATE PLANE INTERNATIONAL FEET.  
VERTICAL: BOZEMAN CITY DATUM. (NAVD88-19.417')

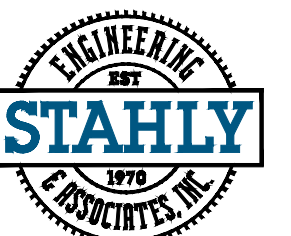


## COMMON ABBREVIATIONS

SD	STORM DRAIN	OHP	OVERHEAD POWER
PP	POWER POLE	UNK	UNKNOWN LOCATION
GA	GUY ANCHOR	I.E.	INVERT ELEVATION
EOP	EDGE OF PAVEMENT	INV. EL.	INVERT ELEVATION
L.F.	LINEAL FEET	UGP	UNDERGROUND POWER
EL.	ELEVATION	TEL	UNDERGROUND TELEPHONE
(TYP)	TYPICAL	RJ	RESTRAINED JOINT WATER MAIN
INV.	INVERT	CMP	CORRUGATED METAL PIPE
S=	SLOPE	DH	DRILL HOLE
C.B.	CATCH BASIN	CP	CONTROL POINT
MH	MANHOLE	ABAND.	ABANDON IN-PLACE
CL	CENTERLINE	BH	BOREHOLES
FL	FLOWLINE		



PARKING MAINTENANCE 2021



**STAHLY  
ENGINEERING  
& ASSOCIATES**  
PROFESSIONAL  
ENGINEERS &  
SURVEYORS  
www.seoeng.com  
2223 MONTANA AVE.  
STE. 201  
BILLINGS, MT 59101  
Phone:(406)501-4055  
Fax:(406)501-4062  
3530 CENTENNIAL DR.  
HELENA, MT 59601  
Phone:(406)442-8564  
Fax:(406)442-8557  
851 BRIDGER DR. STE. 1  
BOZEMAN, MT 59715  
Phone:(406)252-8526  
Fax:(406)252-9528

DRAWN BY: ZWL

REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

**NOTES,  
LEGEND,  
ABBREVIATIONS,  
SURVEY  
CONTROL**

PPA #20-0118

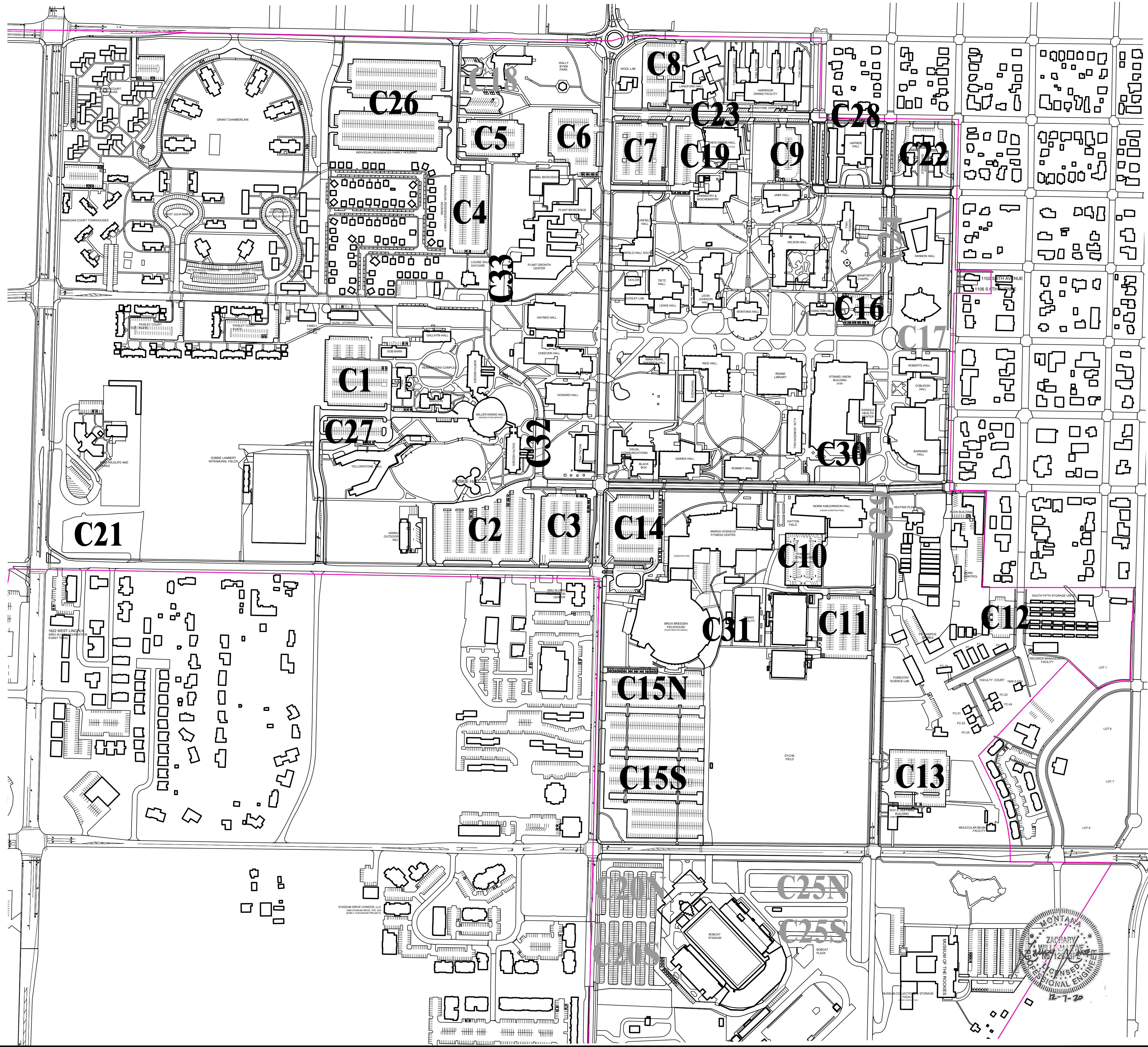
SHEET

**G2**

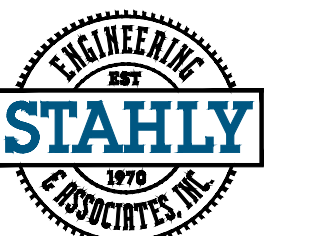
12-7-20



L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_KEY\_MAP.dwg PLOT DATE 2020-12-16 14:29 SAVED DATE 2020-12-07 10:18 USER: mcouch



PARKING MAINTENANCE 2021



**STAHLY ENGINEERING & ASSOCIATES**  
 PROFESSIONAL ENGINEERS & SURVEYORS  
 www.seoeng.com  
 2223 MONTANA AVE.  
 STE. 201  
 BILLINGS, MT 59101  
 Phone (406)361-4055  
 Fax (406)361-4062  
 3530 CENTENNIAL DR.  
 HELENA, MT 59601  
 Phone (406)442-8584  
 Fax (406)442-8557  
 851 BRIDGER DR. STE. 1  
 BOZEMAN, MT 59715  
 Phone (406)252-8526  
 Fax (406)252-9528

DRAWN BY: ZWL		
REVIEWED BY: ZWL		
REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

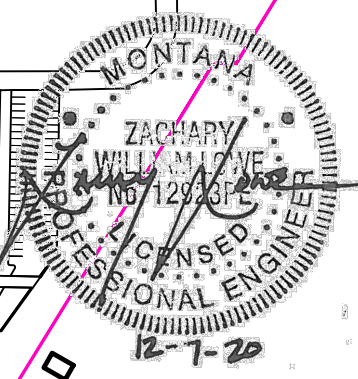
KEY MAP

PPA #20-0118

SHEET

**C0**

12-7-20



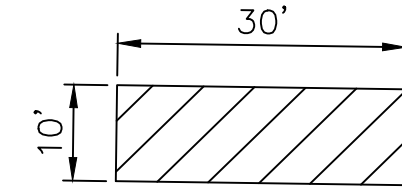


L:\1454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\1454-02420\_LOT1\_THRU\_LOT10.dwg PLOT DATE 2020-12-16 14:29 SAVED DATE 2020-12-15 15:33 USER: ncoach

4" PAINT STRIPING	6,773 LF
CURB PAINT	457 LF
ASPHALT SPOT REPAIR	300 SF
24" PAINT	LF
LOT AREA	94,936 SF

CLEAN AND RESTRIPE ENTIRE PARKING LOT AND CURBS WHERE PAINT IS EXISTING. MATCH EXISTING COLOR

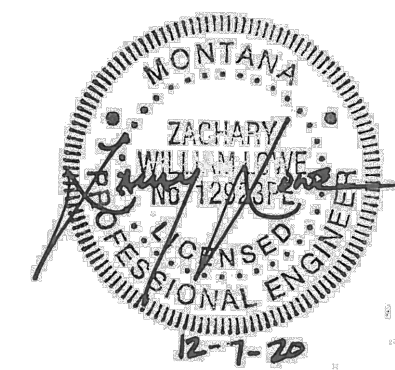
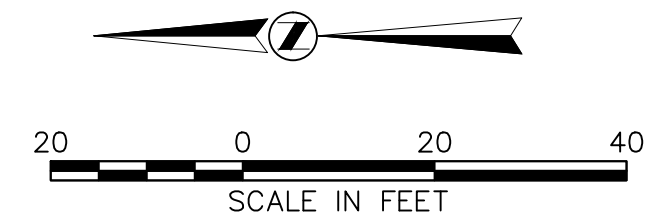
PROPOSED ROAD ADDITION TO S 15TH AVENUE



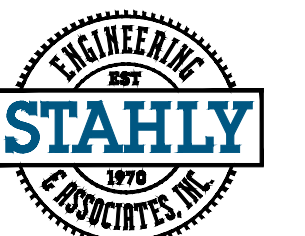
SPOT REPAIR AS MARKED BY ENGINEER

SOB BARN

JEFFERSON HALL



PARKING MAINTENANCE 2021



**STAHLY ENGINEERING & ASSOCIATES**  
 PROFESSIONAL ENGINEERS & SURVEYORS  
 www.seoeng.com  
 2223 MONTANA AVE.  
 STE. 201  
 BILLINGS, MT 59101  
 Phone:(406)361-4055  
 Fax:(406)361-4062  
 3530 CENTENNIAL DR.  
 HELENA, MT 59601  
 Phone:(406)442-8584  
 Fax:(406)442-8557  
 851 BRIDGER DR. STE. 1  
 BOZEMAN, MT 59715  
 Phone:(406)252-8526  
 Fax:(406)252-9528

DRAWN BY: ZWL

REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

N. HEDGES LOT

LOT 1

PPA #20-0118

SHEET

**C1**

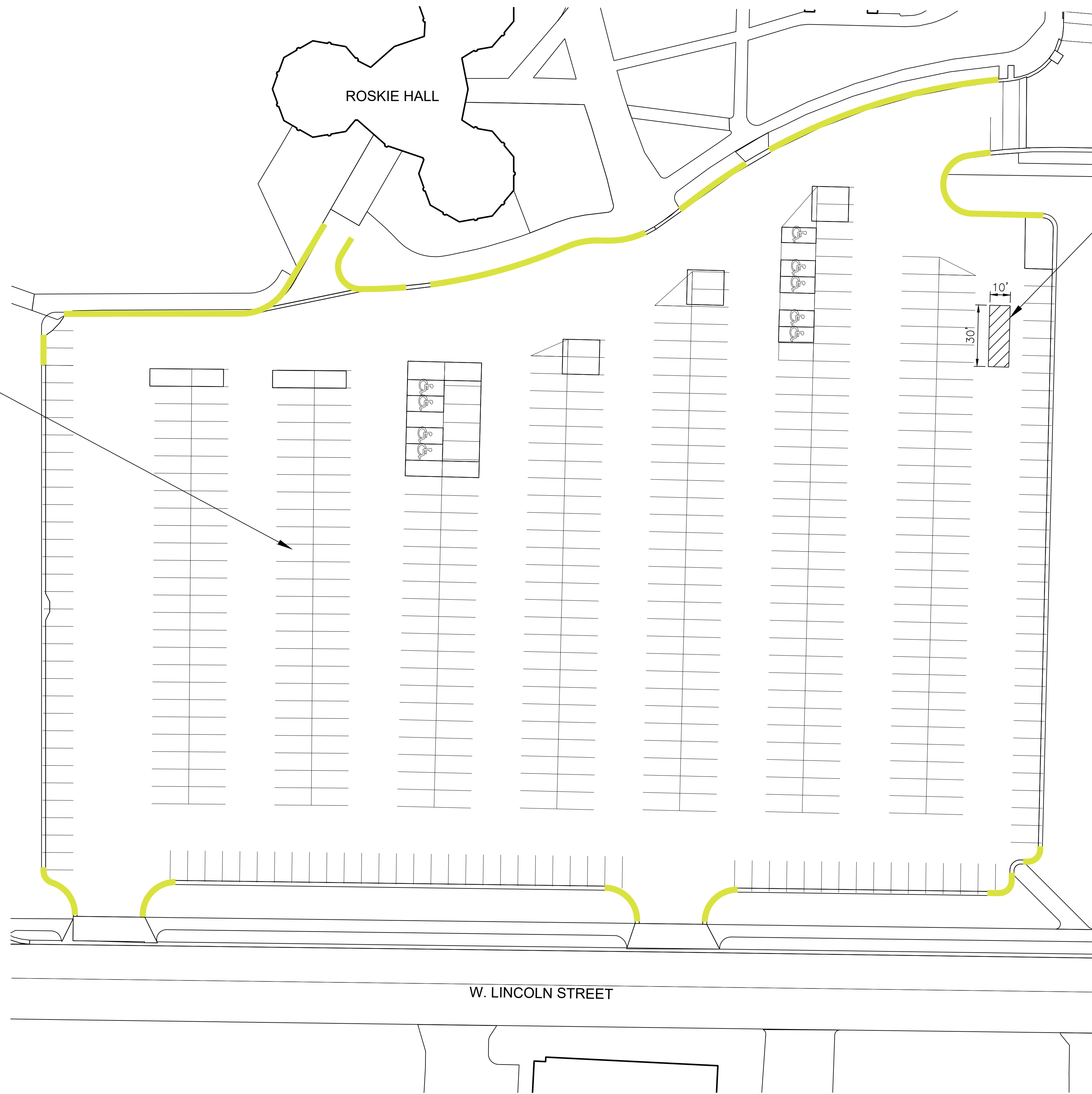
12-7-20



L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_LOT1\_THRU\_LOT10.dwg PLOT DATE 2020-12-16 14:29 SAVED DATE 2020-12-15 15:33 USER: ncoach

4" PAINT STRIPING	11,083 LF
CURB PAINT	712 LF
ASPHALT SPOT REPAIR	300 SF
24" PAINT	LF
LOT AREA	156,107 SF

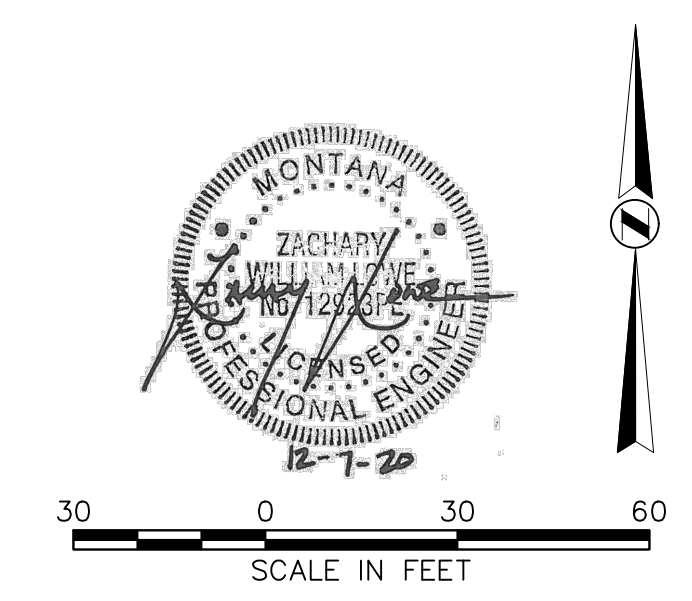
CLEAN, CRACK SEAL & RESTRIPE ENTIRE PARKING LOT AND CURBS WHERE PAINT IS EXISTING. MATCH EXISTING COLOR



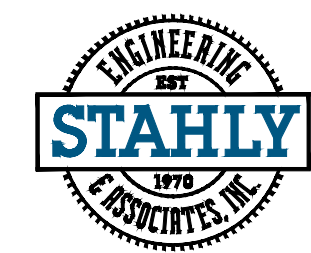
SPOT REPAIR AS MARKED BY ENGINEER

W. LINCOLN STREET

ROSKIE HALL



PARKING MAINTENANCE 2021



**STAHLY  
ENGINEERING  
& ASSOCIATES**  
PROFESSIONAL  
ENGINEERS &  
SURVEYORS  
www.seoeng.com

2223 MONTANA AVE.  
STE. 201  
BILLINGS, MT 59101  
Phone:(406)501-4055  
Fax:(406)501-4062

3530 CENTENNIAL DR.  
HELENA, MT 59601  
Phone:(406)442-8554  
Fax:(406)442-8557

851 BRIDGER DR. STE. 1  
BOZEMAN, MT 59715  
Phone:(406)252-8526  
Fax:(406)252-9528

DRAWN BY: ZWL

REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

ROSKIE LOT

LOT 2

PPA #20-0118

SHEET

**C2**

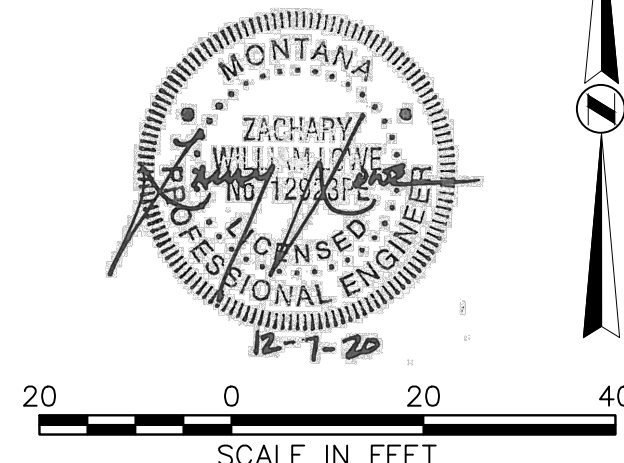
12-7-20



L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_LOT1\_THRU\_110.dwg PLOT DATE 2020-12-16 14:29 SAVED DATE 2020-12-15 15:33 USER: ncoach

4" PAINT STRIPING	5,775 LF
CURB PAINT	213 LF
ASPHALT SPOT REPAIR	SF
24" PAINT	LF
LOT AREA	78,655 SF

CLEAN, CRACK SEAL & RESTRIPE ENTIRE PARKING LOT AND CURBS WHERE PAINT IS EXISTING. MATCH EXISTING COLOR



# PARKING MAINTENANCE 2021

**STAHLY**  
ENGINEERING & ASSOCIATES, INC.

2223 MONTANA AVE.  
STE. 201  
BILLINGS, MT 59101  
Phone: (406) 361-4055  
Fax: (406) 361-4062

3530 CENTENNIAL DR.  
HELENA, MT 59601  
Phone: (406) 442-8584  
Fax: (406) 442-8557

851 BRIDGER DR. STE. 1  
BOZEMAN, MT 59715  
Phone: (406) 252-8526  
Fax: (406) 252-9528

DRAWN BY: ZWL  
REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

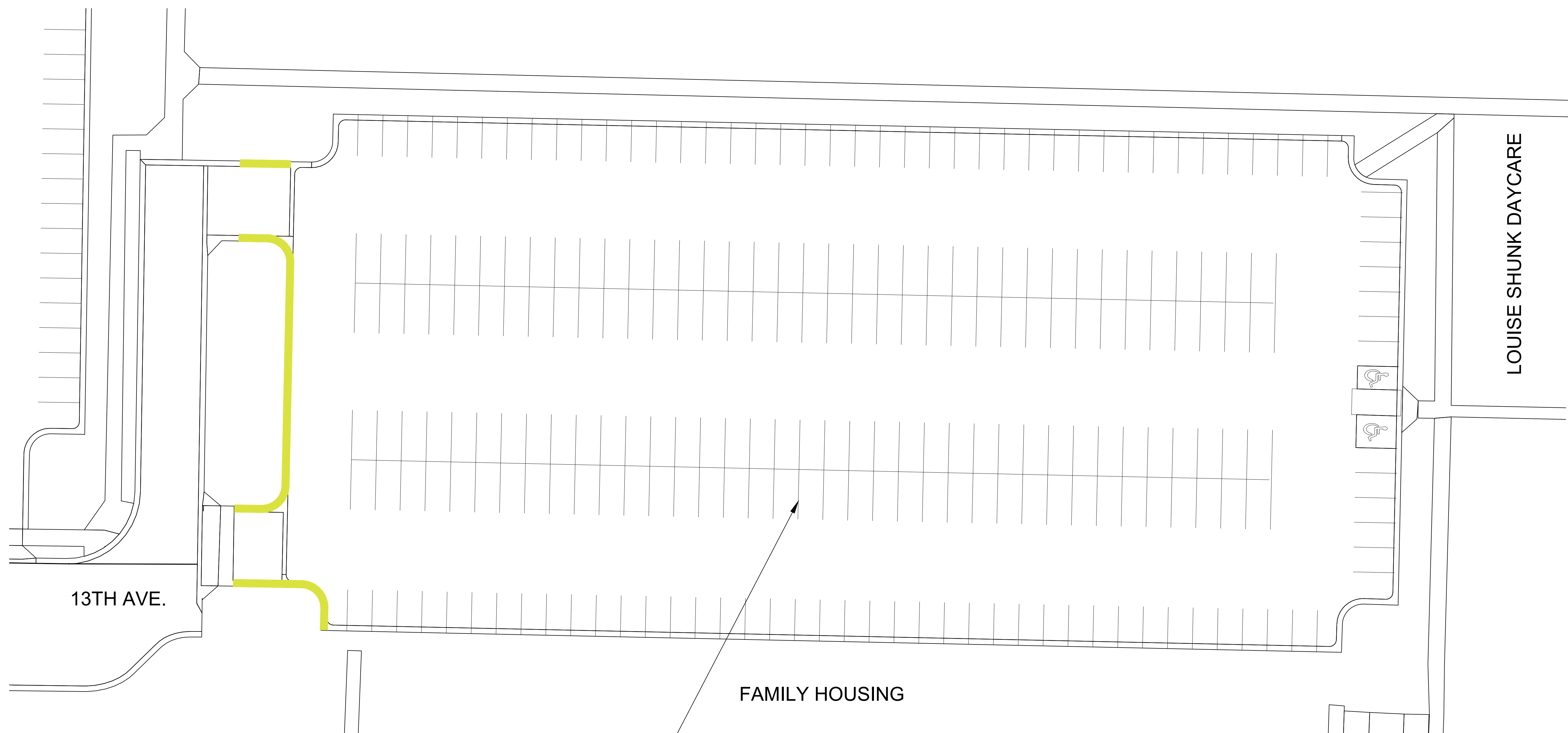
S. HEDGES LOT  
LOT 3  
PPA #20-0118

SHEET  
**C3**

12-7-20



L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_LOT\_THRU\_L10.dwg PLOT DATE 2020-12-16 14:30 SAVED DATE 2020-12-15 15:33 USER: ncoach

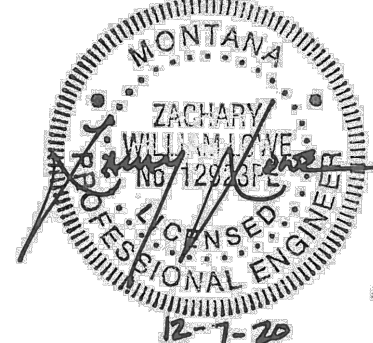
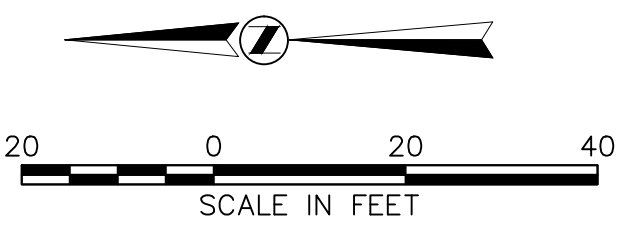


4" PAINT STRIPING	4,865 LF
CURB PAINT	193 LF
ASPHALT SPOT REPAIR	SF
24" PAINT	LF
LOT AREA	72,197 SF

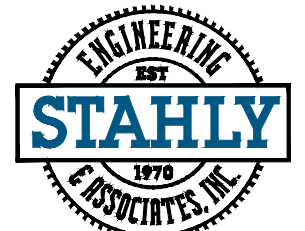
CLEAN, CRACK SEAL & RESTRIPE ENTIRE PARKING LOT AND CURBS WHERE PAINT IS EXISTING. MATCH EXISTING COLOR

FAMILY HOUSING

LOUISE SHUNK DAYCARE



PARKING MAINTENANCE 2021



**STAHLY ENGINEERING & ASSOCIATES**  
 PROFESSIONAL ENGINEERS & SURVEYORS  
 www.seoeng.com  
 2223 MONTANA AVE.  
 STE. 201  
 BILLINGS, MT 59101  
 Phone:(406)361-4055  
 Fax:(406)361-4062  
 3530 CENTENNIAL DR.  
 HELENA, MT 59601  
 Phone:(406)442-8584  
 Fax:(406)442-8557  
 851 BRIDGER DR. STE. 1  
 BOZEMAN, MT 59715  
 Phone:(406)252-8526  
 Fax:(406)252-9528

DRAWN BY: ZWL

REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

S. 12TH ST. LOT

LOT 4

PPA #20-0118

SHEET

**C4**

12-7-20

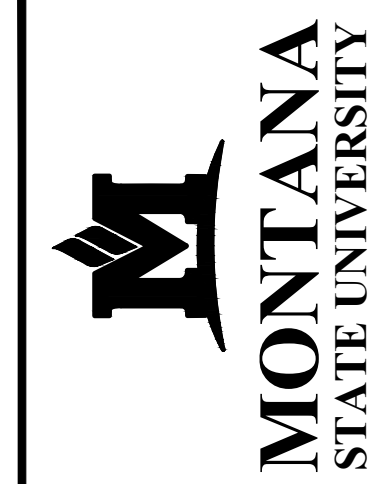
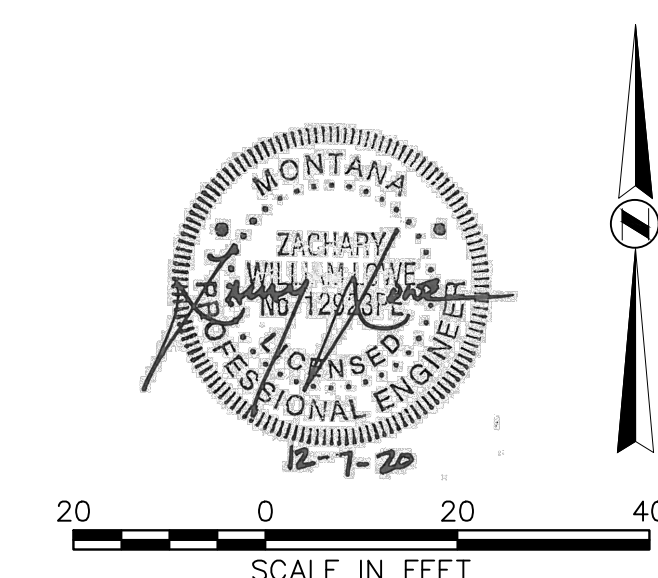


L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_LOTT\_THRU\_T10.dwg PLOT DATE 2020-12-16 14:30 SAVED DATE 2020-12-15 15:33 USER: ncouch

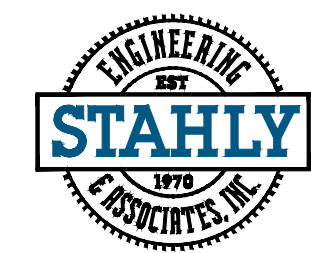
4" PAINT STRIPING	3,236 LF
CURB PAINT	119 LF
ASPHALT SPOT REPAIR	SF
24" PAINT	LF
LOT AREA	51,689 SF



CLEAN, CRACK SEAL & RESTRIPE ENTIRE PARKING LOT AND CURBS WHERE PAINT IS EXISTING. MATCH EXISTING COLOR



PARKING MAINTENANCE 2021



**STAHLY  
ENGINEERING  
& ASSOCIATES**  
PROFESSIONAL  
ENGINEERS &  
SURVEYORS  
www.seoeng.com

2223 MONTANA AVE.  
STE. 201  
BILLINGS, MT 59101  
Phone(406)501-4055  
Fax(406)501-4062

3530 CENTENNIAL DR.  
HELENA, MT 59601  
Phone(406)442-8554  
Fax(406)442-8557

851 BRIDGER DR. STE. 1  
BOZEMAN, MT 59715  
Phone(406)252-8526  
Fax(406)252-9528

DRAWN BY: ZWL

REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

DEER ST. LOT

LOT 5

PPA #20-0118

SHEET

**C5**

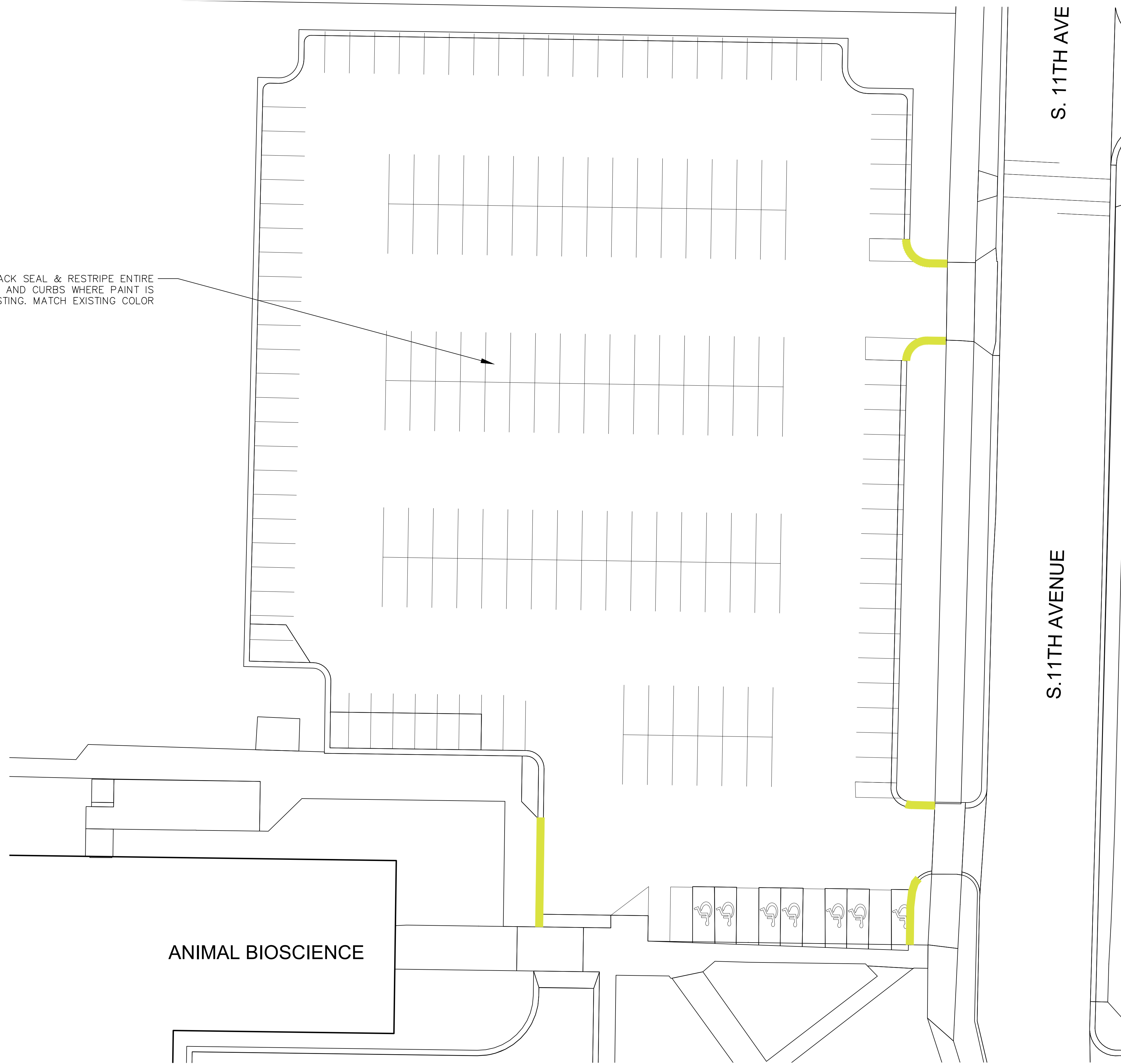
12-7-20



L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_LOT\_THRU\_L10.dwg PLOT DATE 2020-12-16 14:30 SAVED DATE 2020-12-15 15:33 USER: ncoach

4" PAINT STRIPING	4,265 LF
CURB PAINT	113 LF
ASPHALT SPOT REPAIR	SF
24" PAINT	LF
LOT AREA	68,168 SF

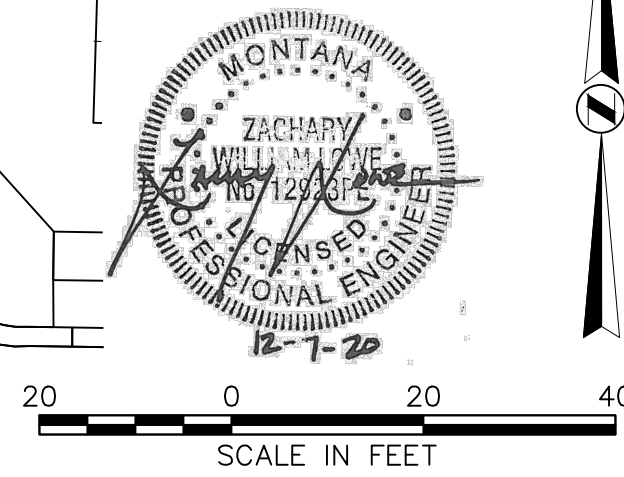
CLEAN, CRACK SEAL & RESTRIPE ENTIRE PARKING LOT AND CURBS WHERE PAINT IS EXISTING. MATCH EXISTING COLOR



S. 11TH AVE

S. 11TH AVENUE

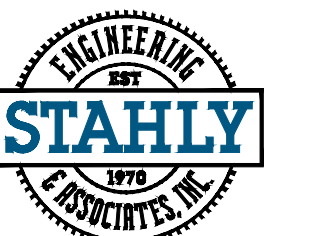
ANIMAL BIOSCIENCE



20 0 20 40  
SCALE IN FEET



PARKING MAINTENANCE 2021



**STAHLY  
ENGINEERING  
& ASSOCIATES**  
PROFESSIONAL  
ENGINEERS &  
SURVEYORS  
www.seoeng.com  
2223 MONTANA AVE.  
STE. 201  
BILLINGS, MT 59101  
Phone:(406)361-4055  
Fax:(406)361-4062  
3530 CENTENNIAL DR.  
HELENA, MT 59601  
Phone:(406)442-8584  
Fax:(406)442-8557  
851 BRIDGER DR. STE. 1  
BOZEMAN, MT 59715  
Phone:(406)252-8526  
Fax:(406)252-9528

DRAWN BY: ZWL

REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

GREENHOUSE  
LOT

LOT 6

PPA #20-0118

SHEET

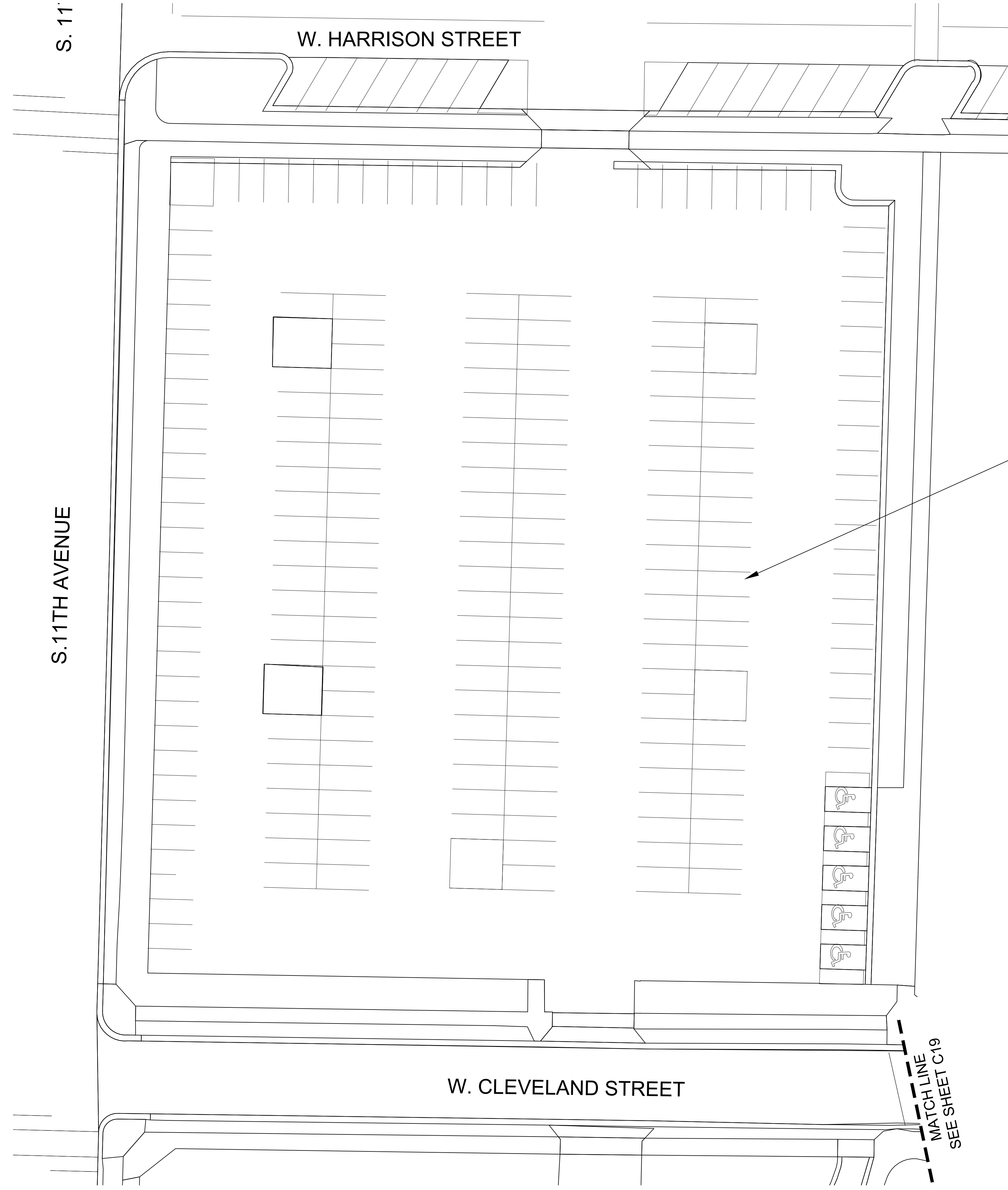
**C6**

12-7-20



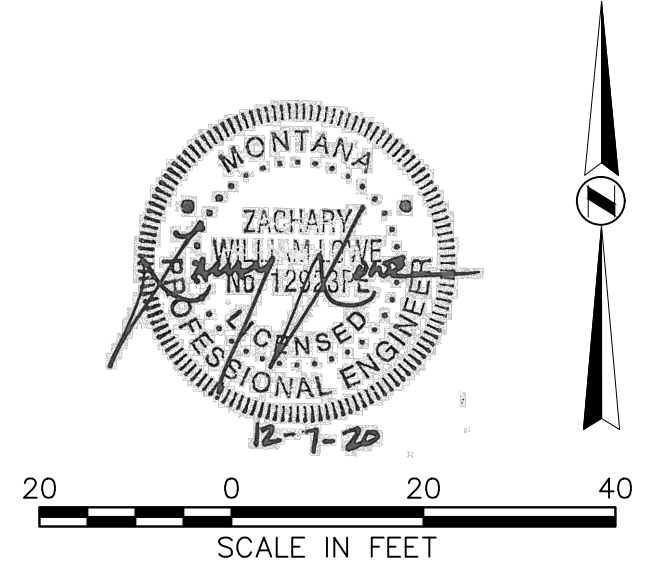
L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_LOTT\_THRU\_L10.dwg PLOT DATE 2020-12-16 14:30 SAVED DATE 2020-12-15 15:33 USER: ncoach

4" PAINT STRIPING	4,957 LF
CURB PAINT	LF
ASPHALT SPOT REPAIR	SF
24" PAINT	LF
LOT AREA	68,760 SF



CLEAN, CRACK SEAL & RESTRIPE ENTIRE PARKING LOT AND CURBS WHERE PAINT IS EXISTING. MATCH EXISTING COLOR

MATCH LINE  
SEE SHEET C19



PARKING MAINTENANCE 2021



**STAHLY ENGINEERING & ASSOCIATES**  
PROFESSIONAL ENGINEERS & SURVEYORS  
www.seoeng.com  
2223 MONTANA AVE.  
STE. 201  
BILLINGS, MT 59101  
Phone:(406)361-4055  
Fax:(406)361-4062  
3530 CENTENNIAL DR.  
HELENA, MT 59601  
Phone:(406)442-8554  
Fax:(406)442-8557  
851 BRIDGER DR. STE. 1  
BOZEMAN, MT 59715  
Phone:(406)252-8526  
Fax:(406)252-8528

DRAWN BY: ZWL  
REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

W. LINFIELD LOT  
LOT 7  
PPA #20-0118

SHEET  
**C7**

12-7-20



L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_LOT1\_THRU\_110.dwg PLOT DATE 2020-12-16 14:30 SAVED DATE 2020-12-15 15:33 USER: ncoach

4" PAINT STRIPING	3,187 LF
CURB PAINT	491 LF
ASPHALT SPOT REPAIR	SF
24" PAINT	LF
LOT AREA	51,871 SF

CLEAN, CRACK SEAL & RESTRIPE ENTIRE PARKING LOT AND CURBS WHERE PAINT IS EXISTING. MATCH EXISTING COLOR



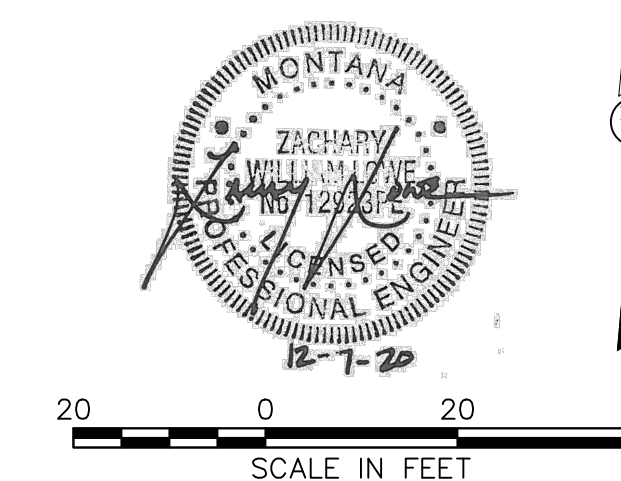
RRISON STREET

W. HARRISON STREE

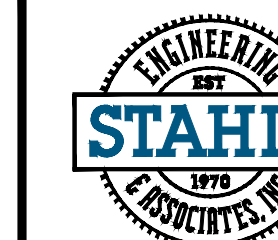
WOOL LAB

LANGFORD HALL

LANGFORD HALL



PARKING MAINTENANCE 2021



**STAHLY ENGINEERING & ASSOCIATES**  
 PROFESSIONAL ENGINEERS & SURVEYORS  
 www.seoeng.com  
 2223 MONTANA AVE.  
 STE. 201  
 BILLINGS, MT 59101  
 Phone:(406)361-4055 Fax:(406)361-4062  
 3530 CENTENNIAL DR.  
 HELENA, MT 59601  
 Phone:(406)442-8584 Fax:(406)442-8557  
 851 BRIDGER DR. STE. 1  
 BOZEMAN, MT 59715  
 Phone:(406)252-8526 Fax:(406)252-9528

DRAWN BY: ZWL

REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

LANGFORD LOT

LOT 8

PPA #20-0118

SHEET

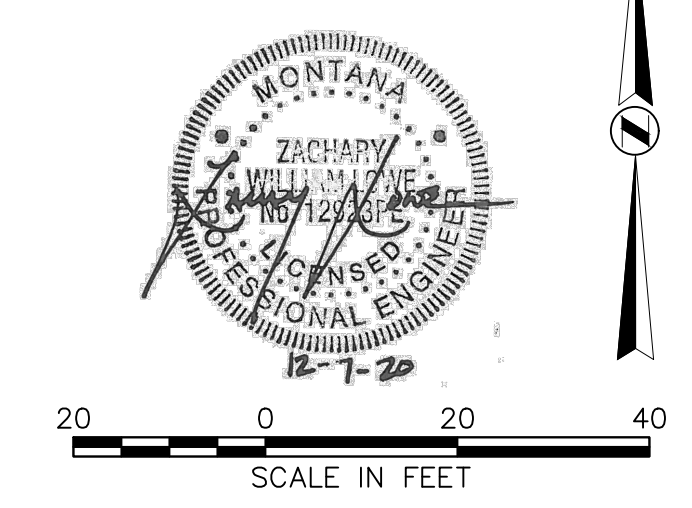
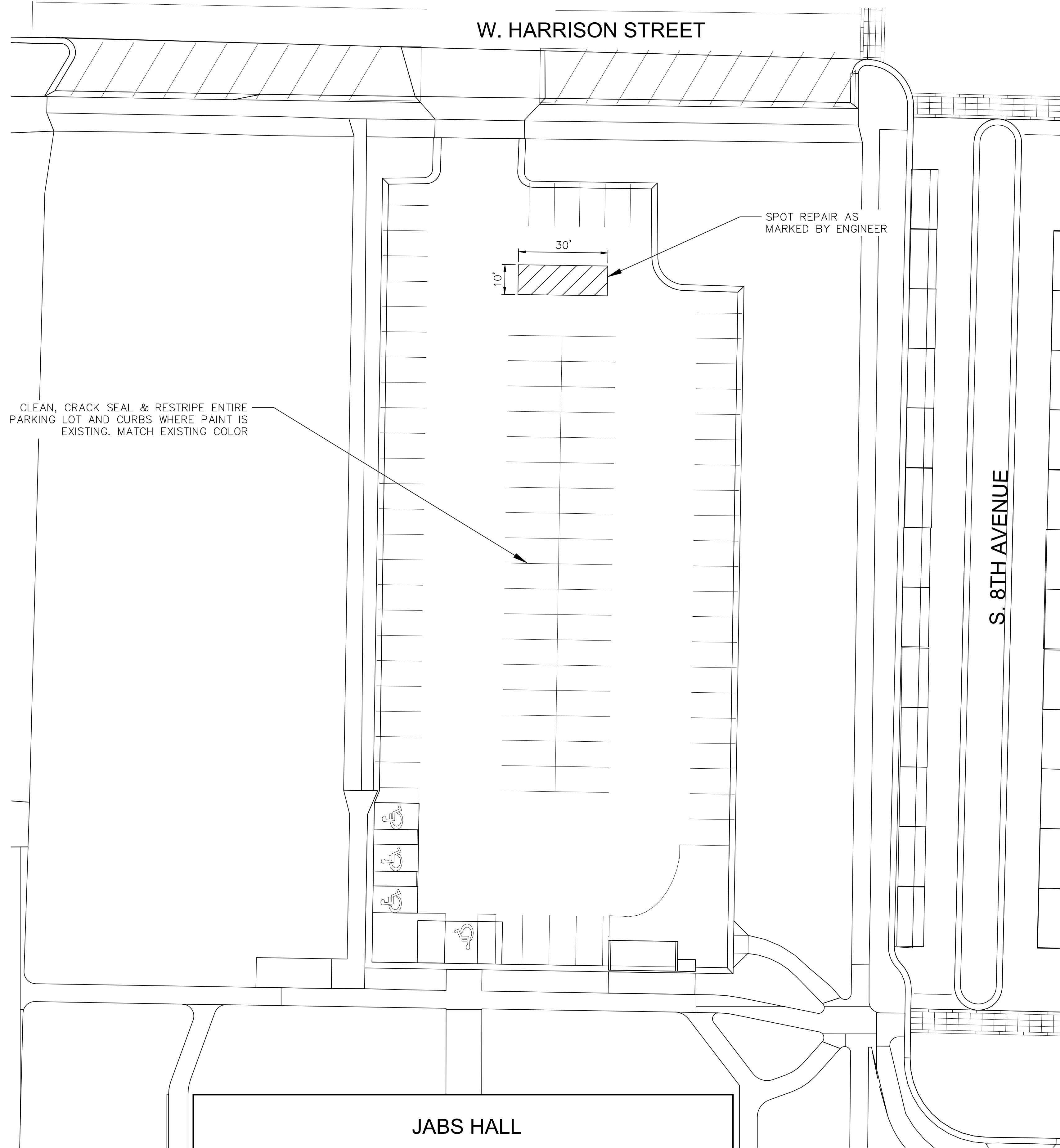
**C8**

12-7-20

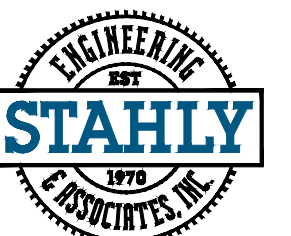


L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_LOT\_THRU\_110.dwg PLOT DATE: 2020-12-16 14:31 SAVED DATE: 2020-12-15 15:33 USER: nccouch

4" PAINT STRIPING	2,254 LF
CURB PAINT	LF
ASPHALT SPOT REPAIR	300 SF
24" PAINT	LF
LOT AREA	30,301 SF



PARKING MAINTENANCE 2021



**STAHLY ENGINEERING & ASSOCIATES**  
 PROFESSIONAL ENGINEERS & SURVEYORS  
 www.seoeng.com  
 2223 MONTANA AVE.  
 STE. 201  
 BILLINGS, MT 59101  
 Phone:(406)501-4055  
 Fax:(406)501-4062  
 3530 CENTENNIAL DR.  
 HELENA, MT 59601  
 Phone:(406)442-8564  
 Fax:(406)442-8557  
 851 BRIDGER DR. STE. 1  
 BOZEMAN, MT 59715  
 Phone:(406)252-8526  
 Fax:(406)252-9528

DRAWN BY: ZWL

REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

LEWIS & CLARK LOT

LOT 9

PPA #20-0118

SHEET

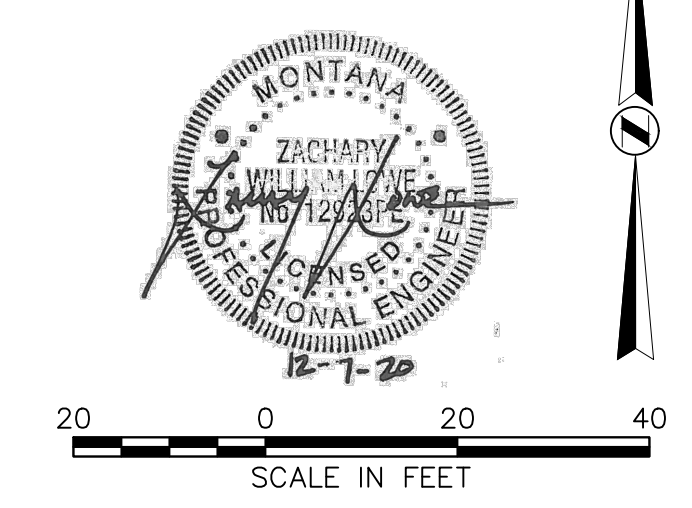
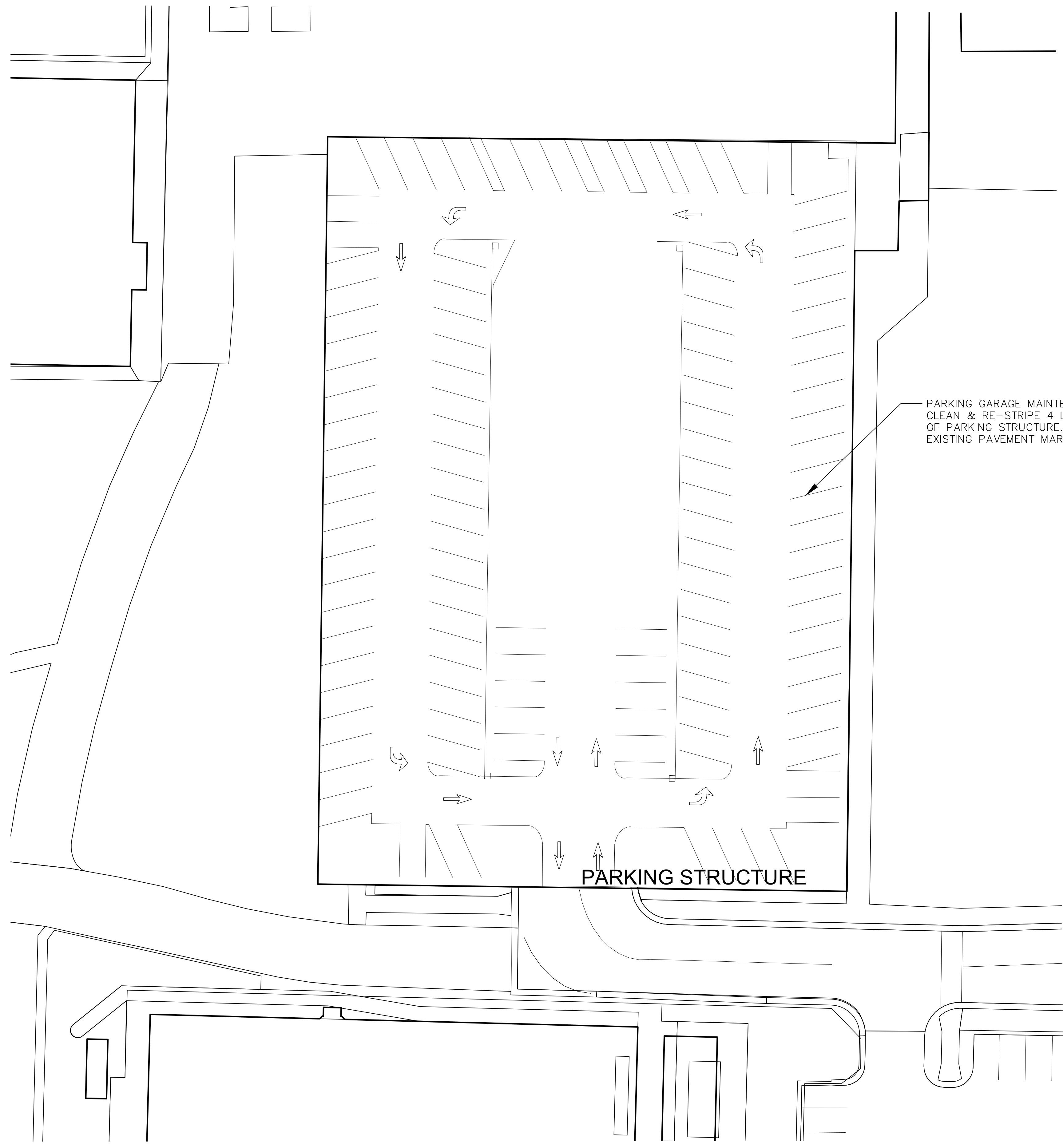
**C9**

12-7-20



L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_LOT10\_THRU\_10.dwg PLOT DATE: 2020-12-16 14:31 SAVED DATE: 2020-12-15 15:33 USER: nccouch

4" PAINT STRIPING	3,082 LF PER LEVEL
CURB PAINT	LF
24" PAINT	LF (UNKNOWN)
LOT AREA	34,788 SF PER LEVEL



# PARKING MAINTENANCE 2021

**STAHLY**  
ENGINEERING & ASSOCIATES, INC.

**STAHLY ENGINEERING & ASSOCIATES**  
PROFESSIONAL ENGINEERS & SURVEYORS  
www.seaeng.com

2223 MONTANA AVE.  
STE. 201  
BILLINGS, MT 59101  
Phone: (406) 361-4055 Fax: (406) 361-4062

3530 CENTENNIAL DR.  
HELENA, MT 59601  
Phone: (406) 442-8584 Fax: (406) 442-8557

851 BRIDGER DR. STE. 1  
BOZEMAN, MT 59715  
Phone: (406) 252-8526 Fax: (406) 252-8528

DRAWN BY: ZWL  
REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

NAIC  
PARKING  
GARAGE

LOT 10  
PPA #20-0118

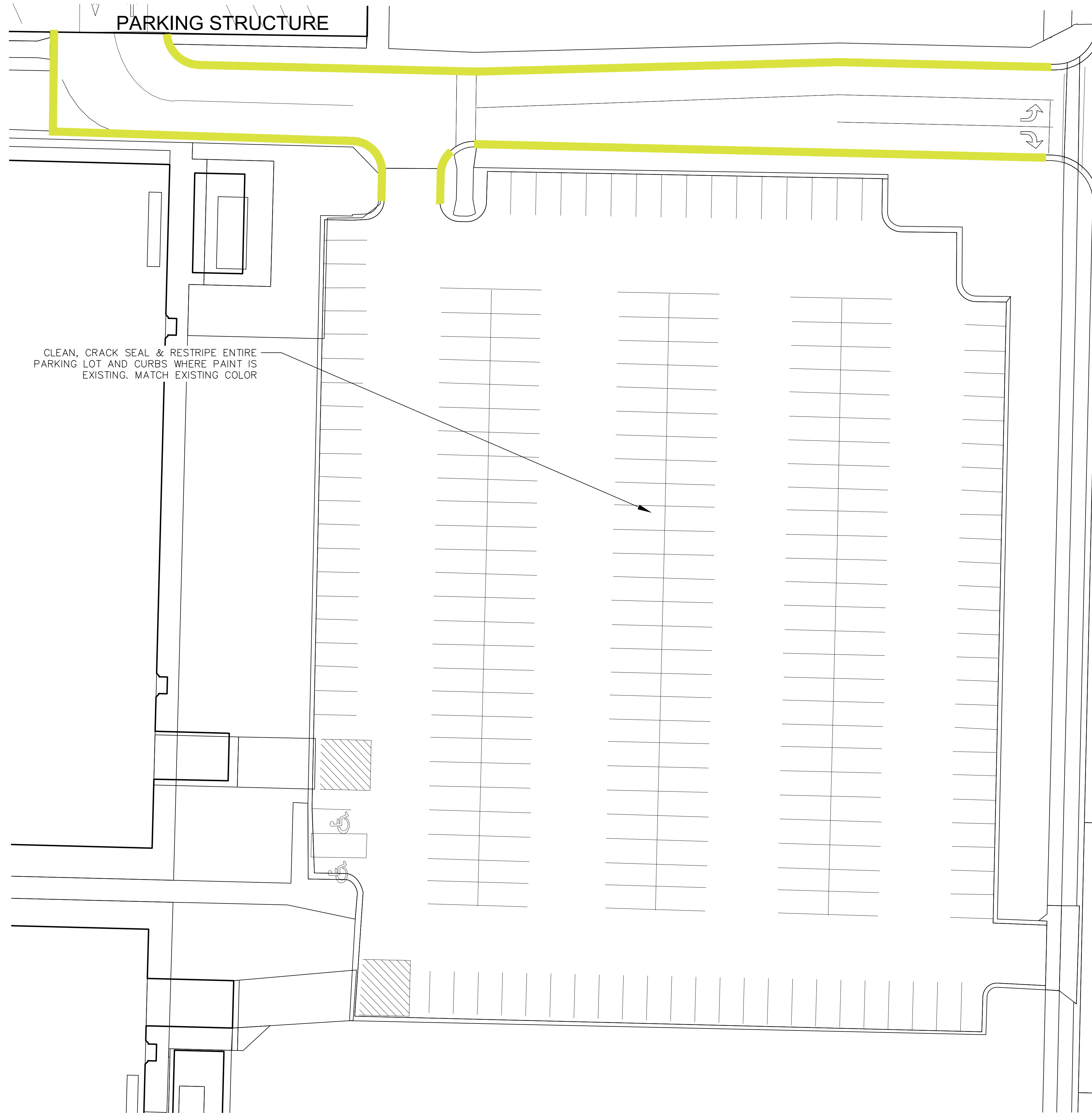
SHEET  
**C10**

12-7-20



L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_LOTT1\_THRU\_L20.dwg PLOT DATE 2020-12-16 14:31 SAVED DATE 2020-12-11 15:33 USER: ncouch

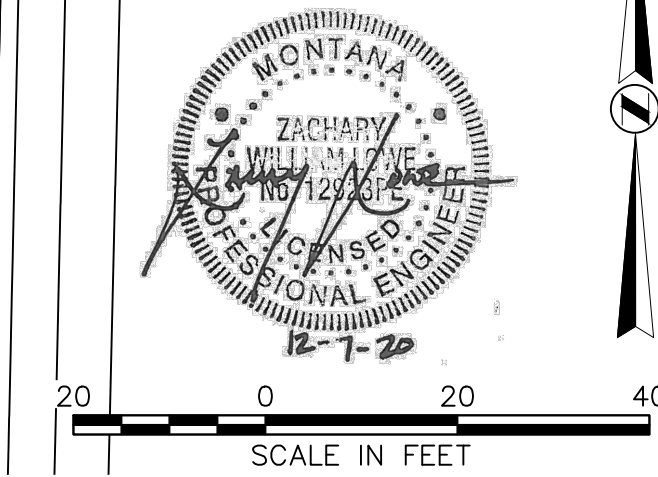
4" PAINT STRIPING	5,121 LF
CURB PAINT	720 LF
ASPHALT SPOT REPAIR	SF
24" PAINT	LF
LOT AREA	72,110 SF



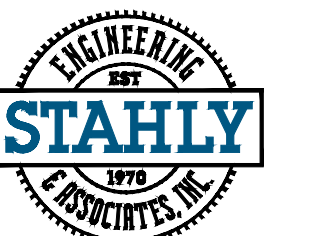
CLEAN, CRACK SEAL & RESTRIPE ENTIRE PARKING LOT AND CURBS WHERE PAINT IS EXISTING. MATCH EXISTING COLOR

PARKING STRUCTURE

S. 7TH AVENUE



PARKING MAINTENANCE 2021



**STAHLY**  
ENGINEERING  
& ASSOCIATES  
PROFESSIONAL  
ENGINEERS &  
SURVEYORS  
www.seoeng.com  
2223 MONTANA AVE.  
STE. 201  
BILLINGS, MT 59101  
Phone:(406)501-4055  
Fax:(406)501-4062  
3530 CENTENNIAL DR.  
HELENA, MT 59801  
Phone:(406)442-8584  
Fax:(406)442-8557  
851 BRIDGER DR. STE. 1  
BOZEMAN, MT 59715  
Phone:(406)252-8526  
Fax:(406)252-9528

DRAWN BY: ZWL

REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

S. GATTON LOT

LOT 11

PPA #20-0118

SHEET

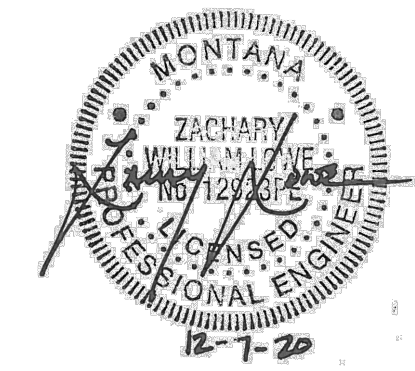
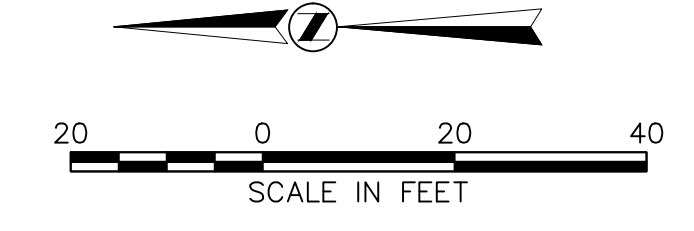
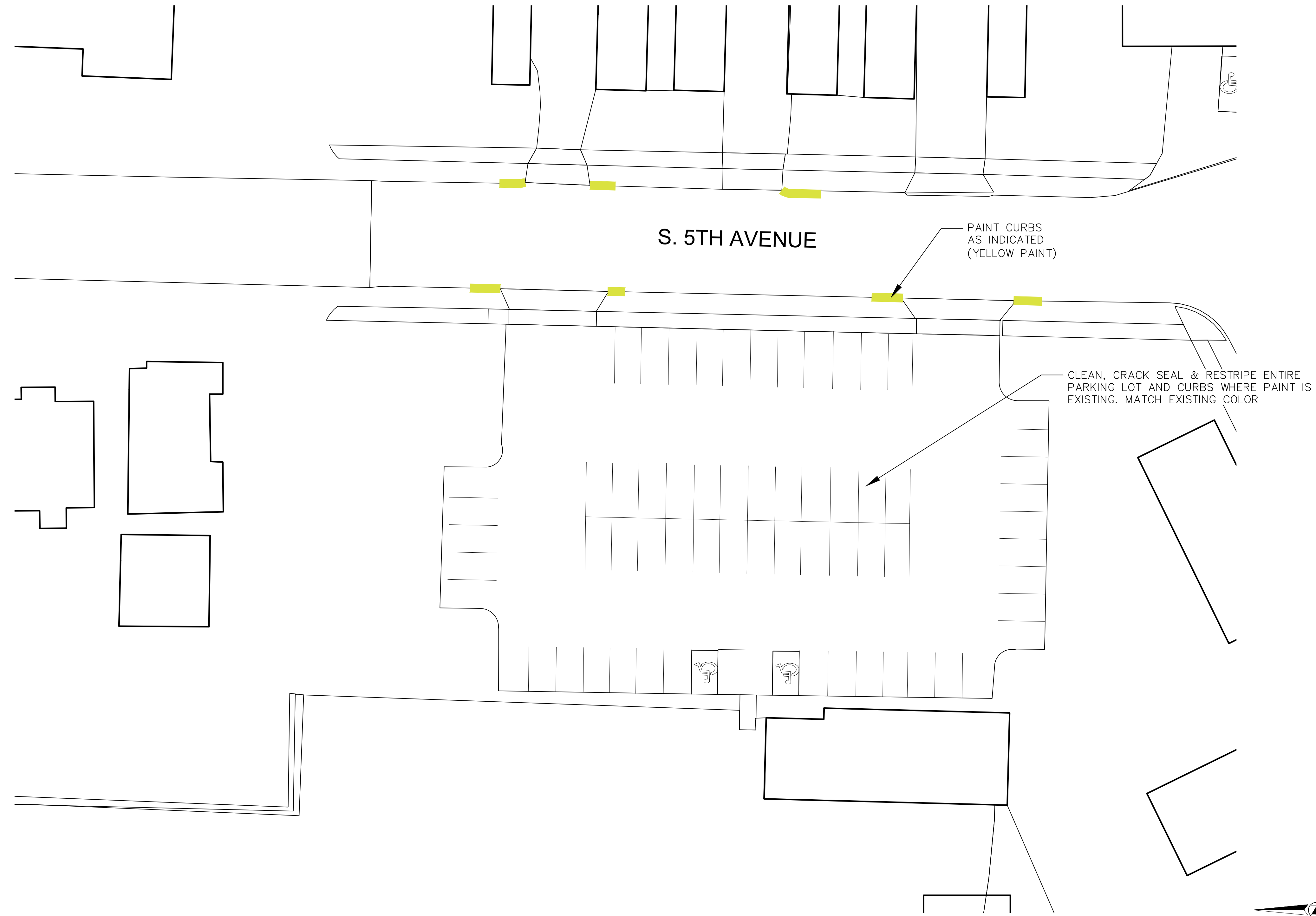
**C11**

12-7-20



L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_LOTT1\_THRU\_L20.dwg PLOT DATE 2020-12-16 14:31 SAVED DATE 2020-12-11 15:33 USER: ncouch

4" PAINT STRIPING	1,247 LF
CURB PAINT	65 LF
ASPHALT SPOT REPAIR	SF
24" PAINT	LF
LOT AREA	21,778 SF



# PARKING MAINTENANCE 2021



**STAHLY ENGINEERING & ASSOCIATES**  
 PROFESSIONAL ENGINEERS & SURVEYORS  
 www.seoeng.com  
 2223 MONTANA AVE.  
 STE. 201  
 BILLINGS, MT 59101  
 Phone:(406)501-4055  
 Fax:(406)501-4062  
 3530 CENTENNIAL DR.  
 HELENA, MT 59601  
 Phone:(406)442-8584  
 Fax:(406)442-8557  
 851 BRIDGER DR. STE. 1  
 BOZEMAN, MT 59715  
 Phone:(406)252-8526  
 Fax:(406)252-9528

DRAWN BY: ZWL

REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

FACULTY COURT

LOT 12

PPA #20-0118

SHEET

## C12

12-7-20



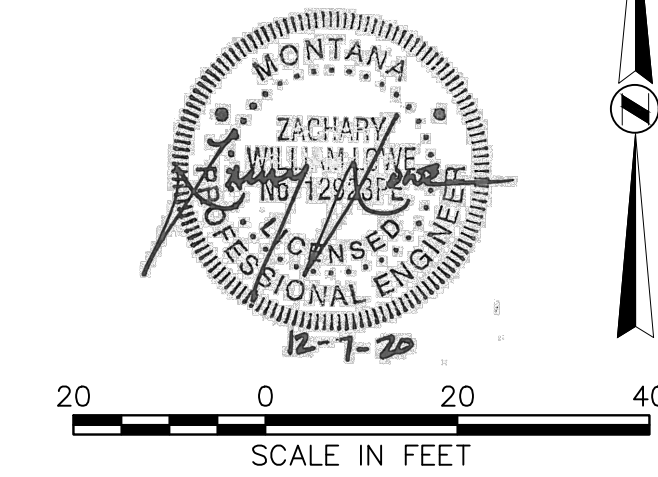
L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_L0T11\_THRU\_L20.dwg PLOT DATE 2020-12-16 14:32 SAVED DATE 2020-12-11 15:33 USER: ncouch

4" PAINT STRIPING	4,238 LF
CURB PAINT	477 LF
ASPHALT SPOT REPAIR	SF
24" PAINT	LF
LOT AREA	76,414 SF

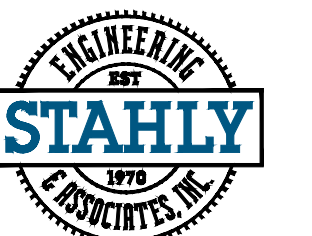
CLEAN, CRACK SEAL & RESTRIPE ENTIRE  
PARKING LOT AND CURBS WHERE PAINT IS  
EXISTING. MATCH EXISTING COLOR

S. 7TH AVENUE

UNIVERSITY POLICE



PARKING MAINTENANCE 2021



**STAHLY  
ENGINEERING  
& ASSOCIATES**  
PROFESSIONAL  
ENGINEERS &  
SURVEYORS  
www.seoeng.com  
2223 MONTANA AVE.  
STE. 201  
BILLINGS, MT 59101  
Phone:(406)501-4055  
Fax:(406)501-4062  
3530 CENTENNIAL DR.  
HELENA, MT 59601  
Phone:(406)442-8584  
Fax:(406)442-8557  
851 BRIDGER DR. STE. 1  
BOZEMAN, MT 59715  
Phone:(406)252-8526  
Fax:(406)252-9528

DRAWN BY: ZWL

REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

HUFFMAN LOT

LOT 13

PPA #20-0118

SHEET

**C13**

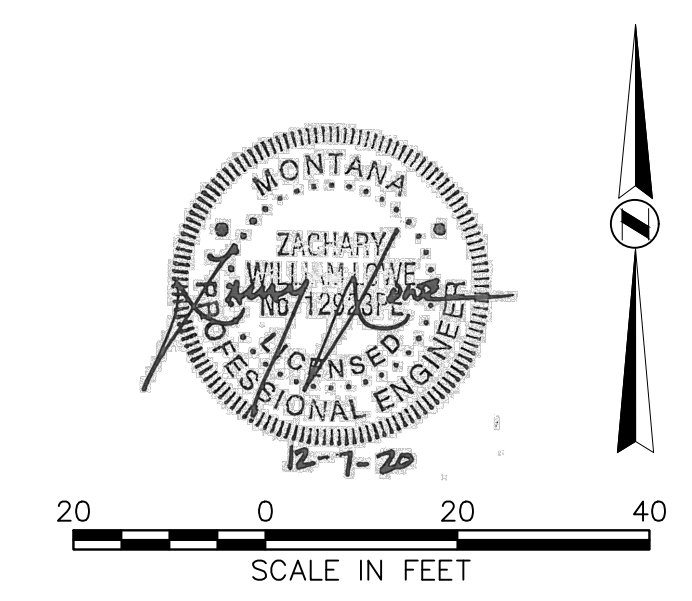
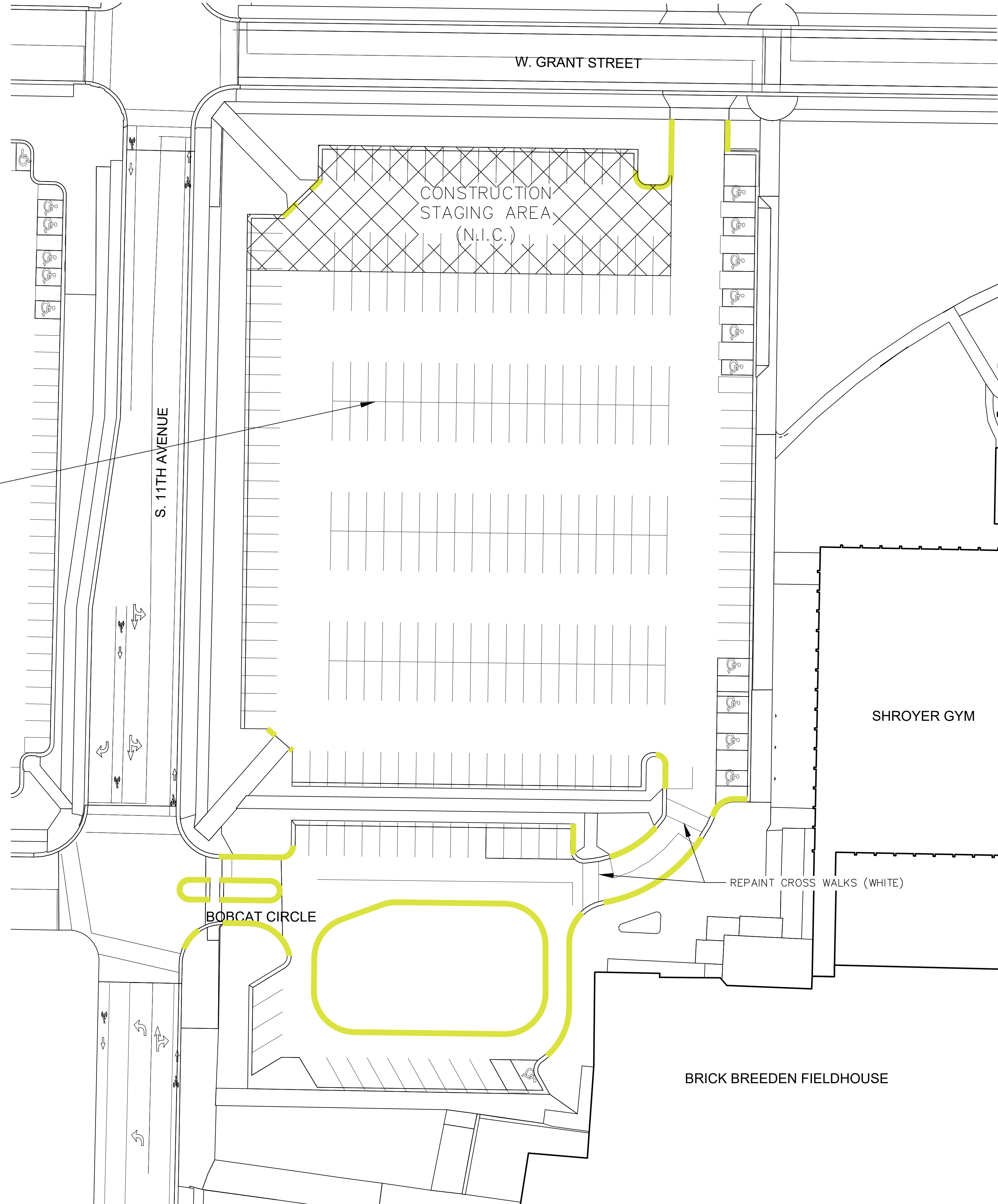
12-7-20



L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_LOTT1\_THRU\_L20.dwg PLOT DATE 2020-12-16 14:32 SAVED DATE 2020-12-11 15:33 USER: ncouch

4" PAINT STRIPING	5,873 LF
CURB PAINT	801 LF
ASPHALT SPOT REPAIR	SF
24" PAINT	222 LF
LOT AREA	82,622 SF

CLEAN, CRACK SEAL & RESTRIPE ENTIRE PARKING LOT AND CURBS WHERE PAINT IS EXISTING. MATCH EXISTING COLOR



# PARKING MAINTENANCE 2021

**STAHLY**  
ENGINEERING & ASSOCIATES, INC.

PROFESSIONAL ENGINEERS & SURVEYORS  
www.seoeng.com

2223 MONTANA AVE.  
STE. 201  
BILLINGS, MT 59101  
Phone:(406)501-4055 Fax:(406)501-4062

3530 CENTENNIAL DR.  
HELENA, MT 59601  
Phone:(406)442-8584 Fax:(406)442-8557

851 BRIDGER DR. STE. 1  
BOZEMAN, MT 59715  
Phone:(406)252-8526 Fax:(406)252-9528

DRAWN BY: ZWL  
REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

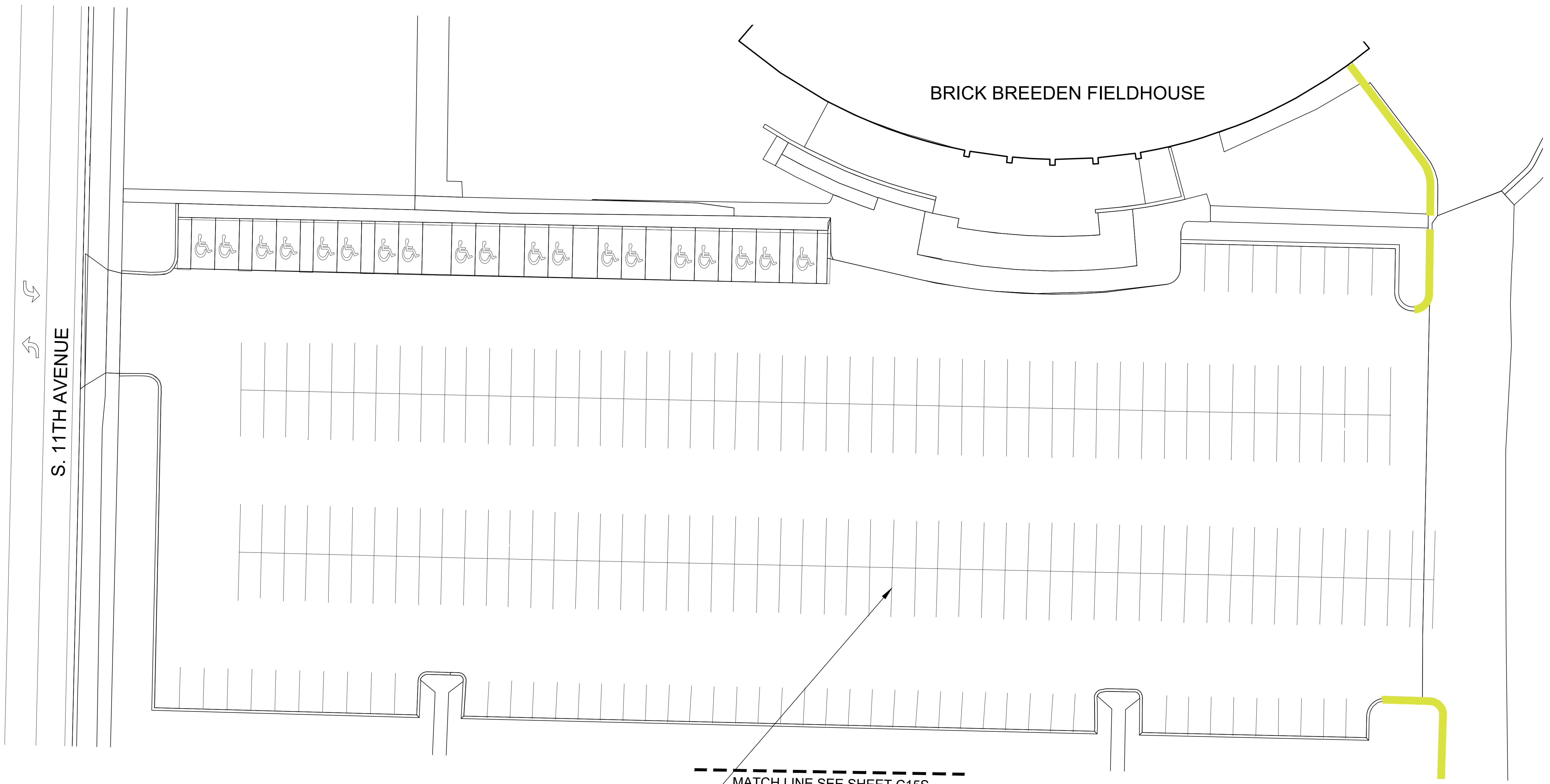
N. FIELDHOUSE LOT  
LOT 14  
PPA #20-0118

SHEET  
**C14**

12-7-20

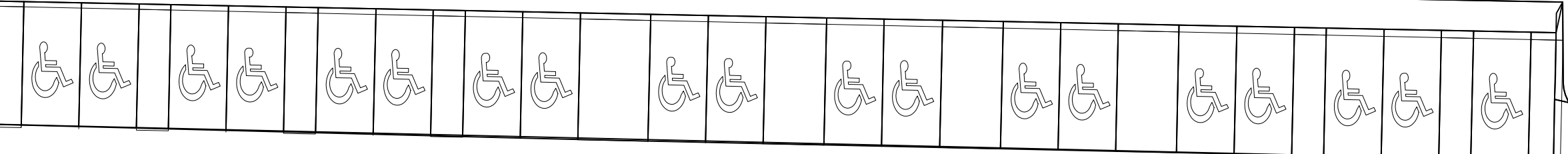


L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_LOTT1\_THRU\_L20.dwg PLOT DATE 2020-12-16 14:32 SAVED DATE 2020-12-11 15:33 USER: ncouch



BRICK BREEDEN FIELDHOUSE

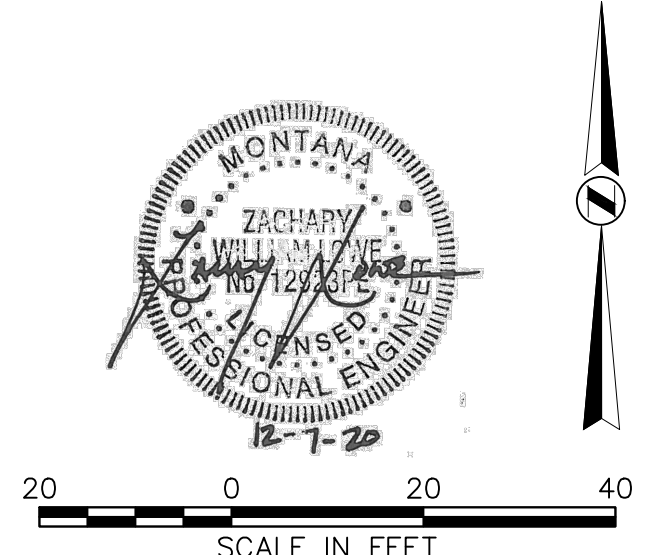
S. 11TH AVENUE



MATCH LINE SEE SHEET C15S

CLEAN, CRACK SEAL & RESTRIPE ENTIRE PARKING LOT AND CURBS WHERE PAINT IS EXISTING. MATCH EXISTING COLOR

4" PAINT STRIPING	6,569 LF
CURB PAINT	151 LF
ASPHALT SPOT REPAIR	SF
24" PAINT	LF
LOT AREA	85,197 SF



PARKING MAINTENANCE 2021

**STAHLY ENGINEERING & ASSOCIATES**  
 PROFESSIONAL ENGINEERS & SURVEYORS  
 www.seoeng.com  
 2223 MONTANA AVE.  
 STE. 201  
 BILLINGS, MT 59101  
 Phone:(406)361-4055 Fax:(406)361-4062  
 3530 CENTENNIAL DR.  
 HELENA, MT 59601  
 Phone:(406)442-8584 Fax:(406)442-8557  
 851 BRIDGER DR. STE. 1  
 BOZEMAN, MT 59715  
 Phone:(406)252-8526 Fax:(406)252-9528

DRAWN BY: ZWL  
 REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

S. FIELDHOUSE LOT (NORTH)  
 LOT 15  
 PPA #20-0118

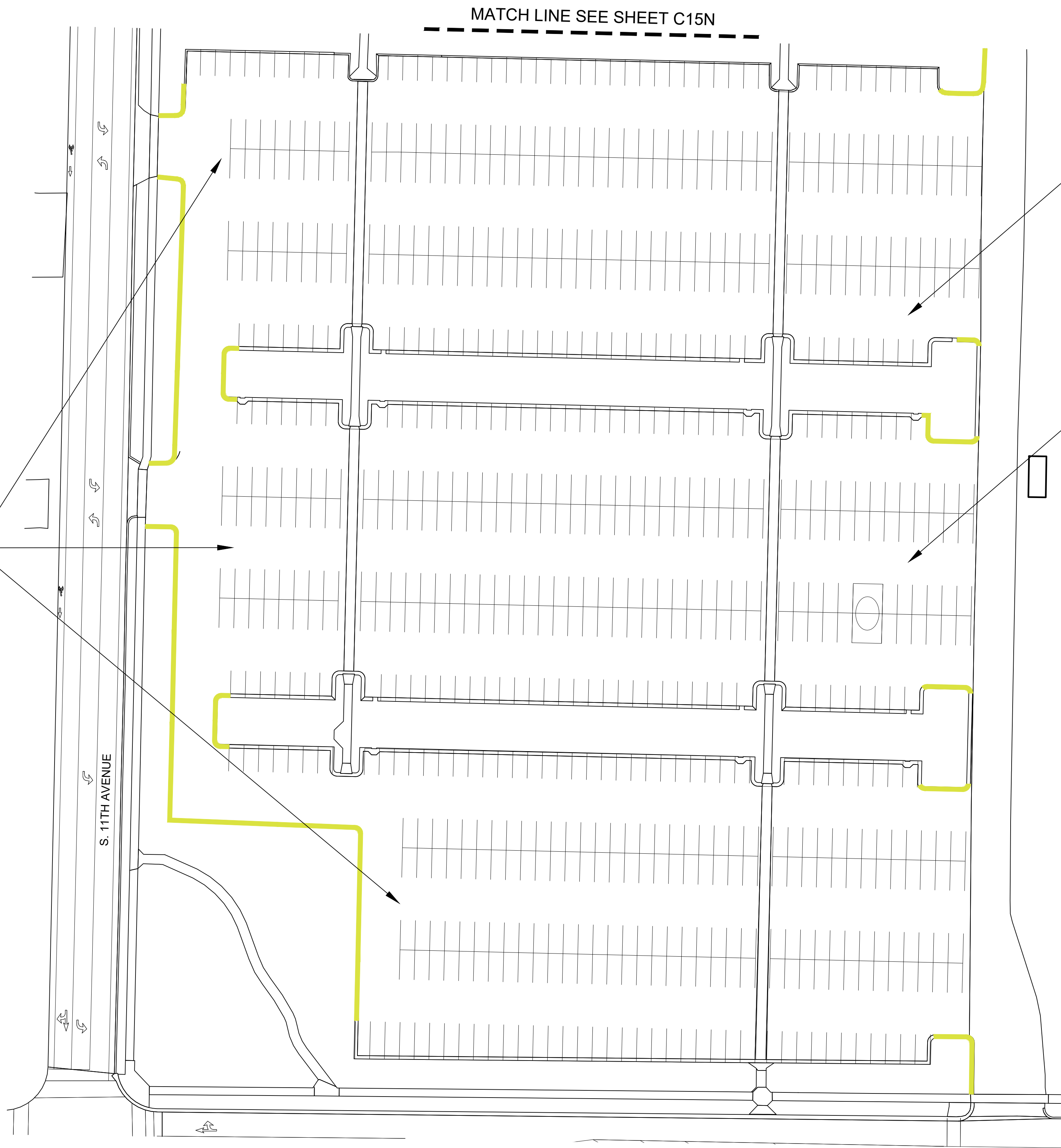
SHEET  
**C15N**

12-7-20

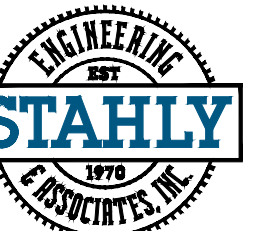


L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_LOTT1\_THRU\_L20.dwg PLOT DATE 2020-12-18 17:11 SAVED DATE 2020-12-18 16:33 USER: ncouch

4" PAINT STRIPING	19,105 LF
CURB PAINT	992 LF
ASPHALT SPOT REPAIR	SF
24" PAINT	LF
LOT AREA	243,102 SF



PARKING MAINTENANCE 2021



**STAHLY ENGINEERING & ASSOCIATES**  
 PROFESSIONAL ENGINEERS & SURVEYORS  
 www.seoeng.com  
 2223 MONTANA AVE.  
 STE. 201  
 BILLINGS, MT 59101  
 Phone (406)361-4055 Fax (406)361-4062  
 3530 CENTENNIAL DR.  
 HELENA, MT 59601  
 Phone (406)442-8584 Fax (406)442-8557  
 851 BRIDGER DR. STE. 1  
 BOZEMAN, MT 59715  
 Phone (406)252-8526 Fax (406)252-9528

DRAWN BY: ZWL

REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

S. FIELDHOUSE LOT (SOUTH)

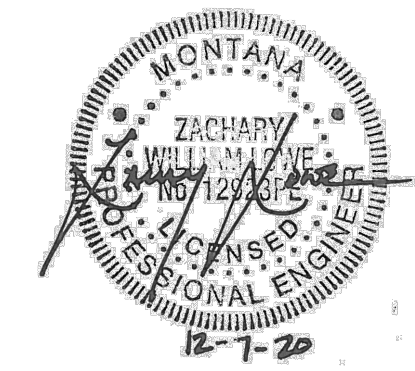
LOT 15

PPA #20-0118

SHEET

**C15S**

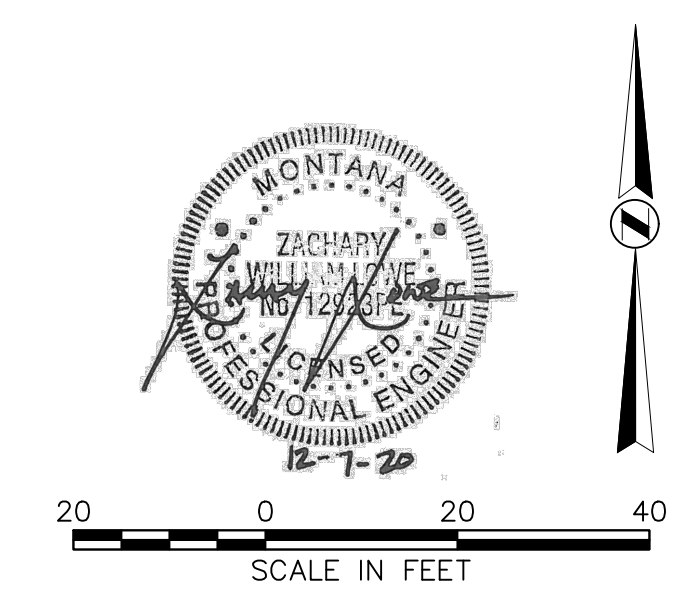
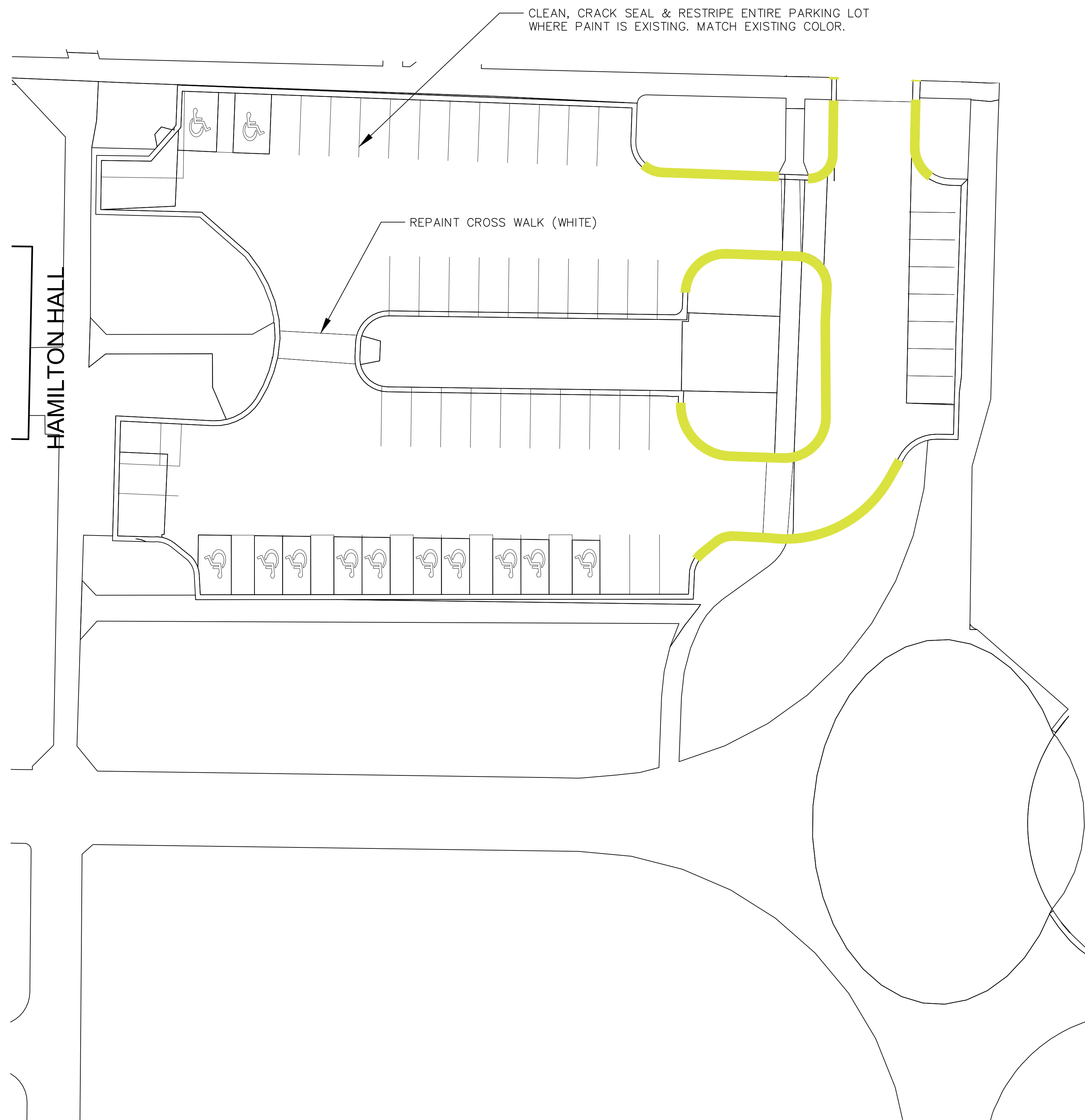
12-7-20





L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_LOTT1\_THRU\_L20.dwg PLOT DATE 2020-12-16 14:32 SAVED DATE 2020-12-11 15:33 USER: ncouch

4" PAINT STRIPING	1,156 LF
CURB PAINT	322 LF
ASPHALT SPOT REPAIR	SF
24" PAINT	88 LF
LOT AREA	21,245 SF



PARKING MAINTENANCE 2021



**STAHLY ENGINEERING & ASSOCIATES**  
 PROFESSIONAL ENGINEERS & SURVEYORS  
 www.seoeng.com  
 2223 MONTANA AVE.  
 STE. 201  
 BILLINGS, MT 59101  
 Phone:(406)361-4055 Fax:(406)361-4062  
 3530 CENTENNIAL DR.  
 HELENA, MT 59601  
 Phone:(406)442-8554 Fax:(406)442-8557  
 851 BRIDGER DR. STE. 1  
 BOZEMAN, MT 59715  
 Phone:(406)252-8526 Fax:(406)252-9528

DRAWN BY: ZWL

REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

HAMILTON LOT

LOT 16

PPA #20-0118

SHEET

**C16**

12-7-20



L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_L0T11\_THRU\_L20.dwg PLOT DATE 2020-12-18 17:12 SAVED DATE 2020-12-18 16:33 USER: nrouch

4" PAINT STRIPING	2,265 LF
CURB PAINT	422 LF
ASPHALT SPOT REPAIR	SF
24" PAINT	LF
LOT AREA	41,186 SF

CLEAN, CRACK SEAL & RESTRIPE ENTIRE PARKING LOT AND CURBS WHERE PAINT IS EXISTING. MATCH EXISTING COLOR

CLEVELAND ST. CURB PAINTING NOT IN CONTRACT (TYP)

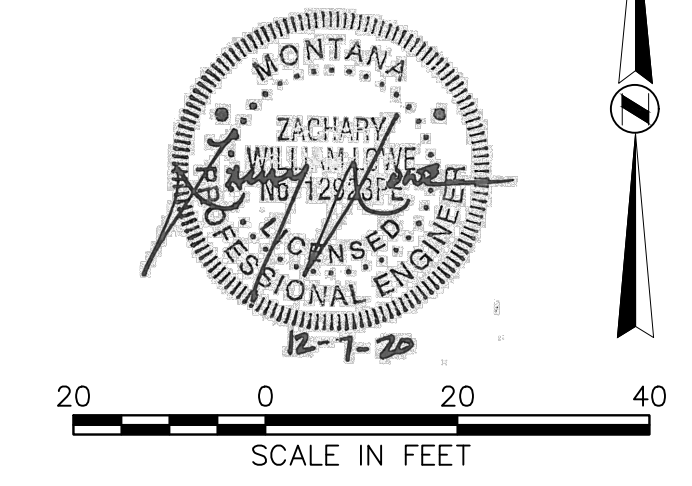
MATCH LINE SEE SHEET C7

W. HARRISON STREET

W. CLEVELAND ST

NEW DINING HALL

CHEMISTRY & BIOCHEMISTRY



PARKING MAINTENANCE 2021



**STAHLY ENGINEERING & ASSOCIATES**  
 PROFESSIONAL ENGINEERS & SURVEYORS  
 www.seeng.com  
 2223 MONTANA AVE. STE. 201  
 BILLINGS, MT 59101  
 Phone:(406)361-4055 Fax:(406)361-4062  
 3530 CENTENNIAL DR. HELENA, MT 59601  
 Phone:(406)442-8554 Fax:(406)442-8557  
 851 BRIDGER DR. STE. 1 BOZEMAN, MT 59715  
 Phone:(406)252-8526 Fax:(406)252-9528

DRAWN BY: ZWL

REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

E. LINFIELD LOT

LOT 19

PPA #20-0118

SHEET

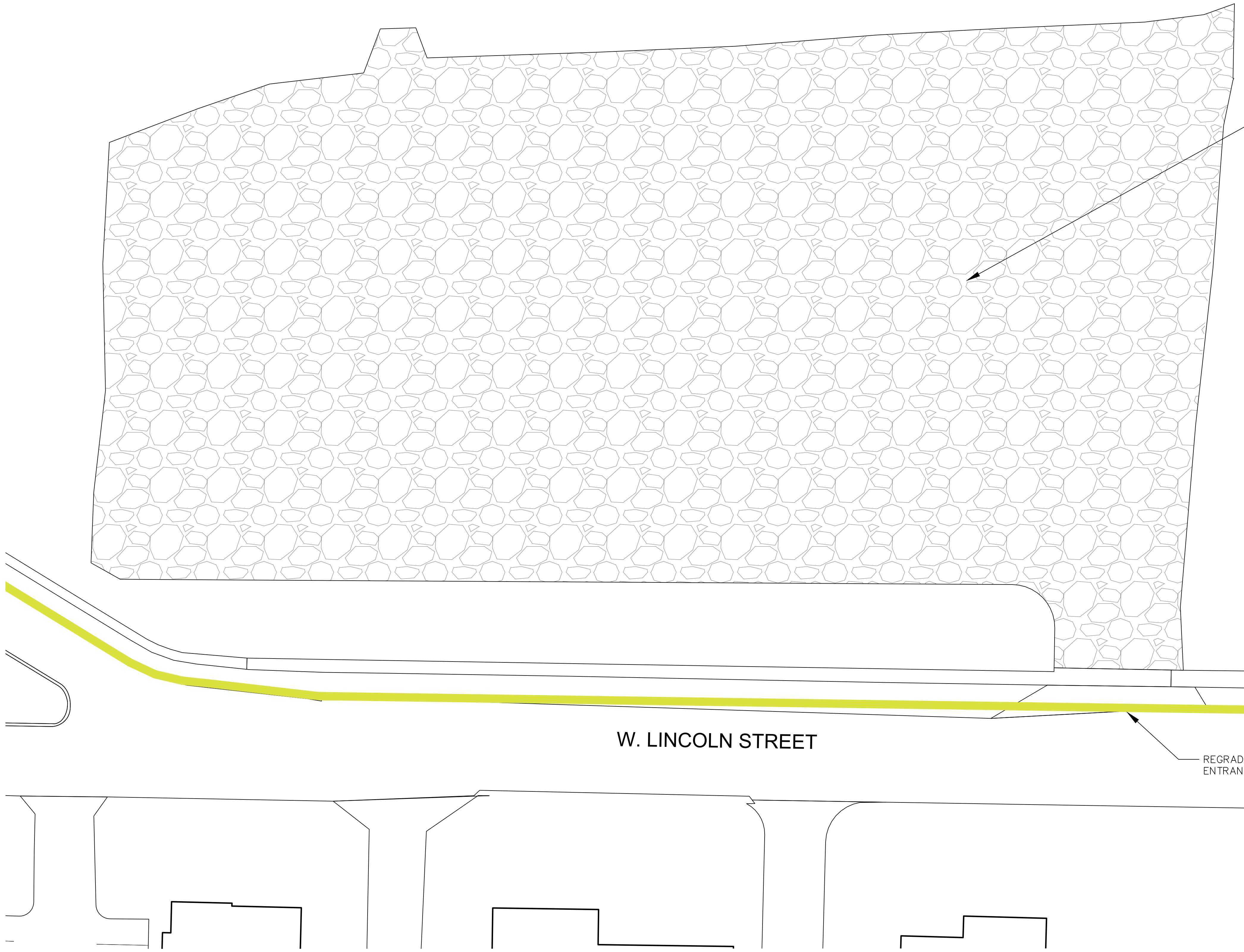
**C19**

12-7-20



L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_LOT21\_THRU\_L27.dwg PLOT DATE 2020-12-16 14:33 SAVED DATE 2020-12-15 15:33 USER: ncouch

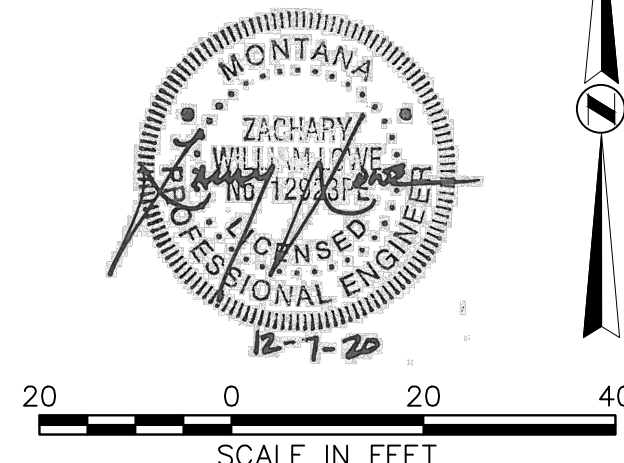
4" PAINT STRIPING	LF
CURB PAINT	LF
ASPHALT SPOT REPAIR	SF
24" PAINT	LF
LOT AREA	73,133 SF



FINE GRADE ENTIRE GRAVEL LOT, LEAVING A SMOOTH SURFACE THAT PERPETUATES EXISTING DRAINAGE. IMPORT & PLACE 3/4" MINUS ROAD MIX AS NEEDED

REGRADE PARKING LOT ENTRANCE

W. LINCOLN STREET



PARKING MAINTENANCE 2021

**STAHLY**  
ENGINEERING & ASSOCIATES  
PROFESSIONAL ENGINEERS & SURVEYORS  
www.seoeng.com

2223 MONTANA AVE.  
STE. 201  
BILLINGS, MT 59101  
Phone:(406)501-4055 Fax:(406)501-4062

3530 CENTENNIAL DR.  
HELENA, MT 59601  
Phone:(406)442-8584 Fax:(406)442-8557

851 BRIDGER DR. STE. 1  
BOZEMAN, MT 59715  
Phone:(406)252-8526 Fax:(406)252-9528

DRAWN BY: ZWL  
REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

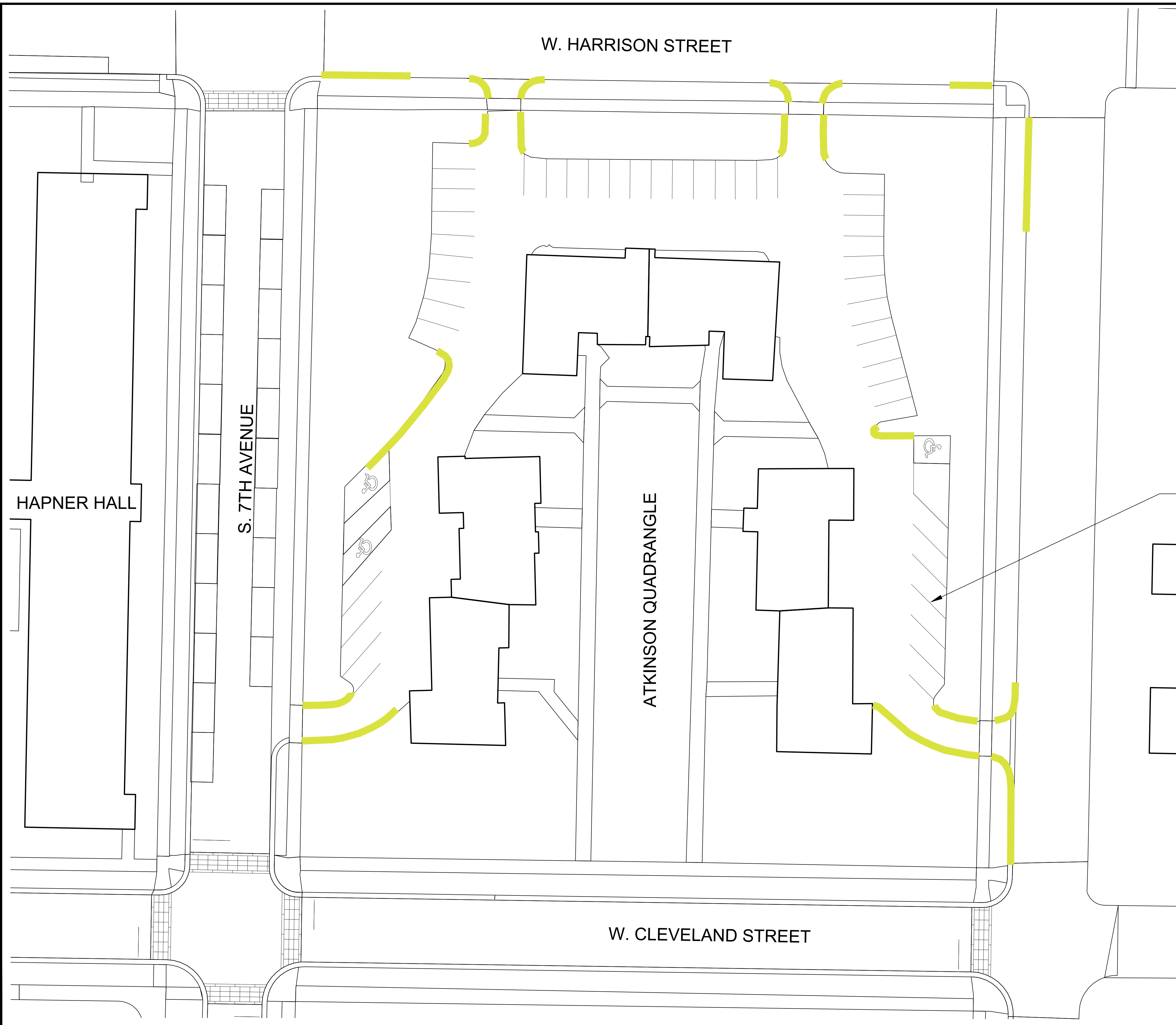
LINCOLN LOT  
LOT 21  
PPA #20-0118

SHEET  
**C21**

12-7-20



L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_LOT21\_THRU\_LOT27.dwg PLOT DATE 2020-12-16 14:33 SAVED DATE 2020-12-15 15:33 USER: ncouch

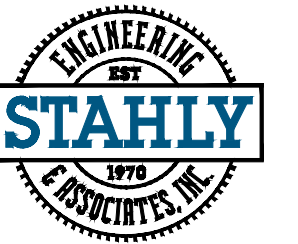


4" PAINT STRIPING	1,111 LF
CURB PAINT	497 LF
ASPHALT SPOT REPAIR	SF
24" PAINT	LF
LOT AREA	22,831 SF

CLEAN, CRACK SEAL & RE-STRIPE ENTIRE PARKING LOT AND CURBS WHERE PAINT IS EXISTING. MATCH EXISTING COLOR



PARKING MAINTENANCE 2021



**STAHLY**  
ENGINEERING  
& ASSOCIATES  
PROFESSIONAL  
ENGINEERS &  
SURVEYORS  
www.seoeng.com  
2223 MONTANA AVE.  
STE. 201  
BILLINGS, MT 59101  
Phone:(406)361-4055  
Fax:(406)361-4062  
3530 CENTENNIAL DR.  
HELENA, MT 59601  
Phone:(406)442-8554  
Fax:(406)442-8557  
851 BRIDGER DR. STE. 1  
BOZEMAN, MT 59715  
Phone:(406)252-8526  
Fax:(406)252-8528

DRAWN BY: ZWL

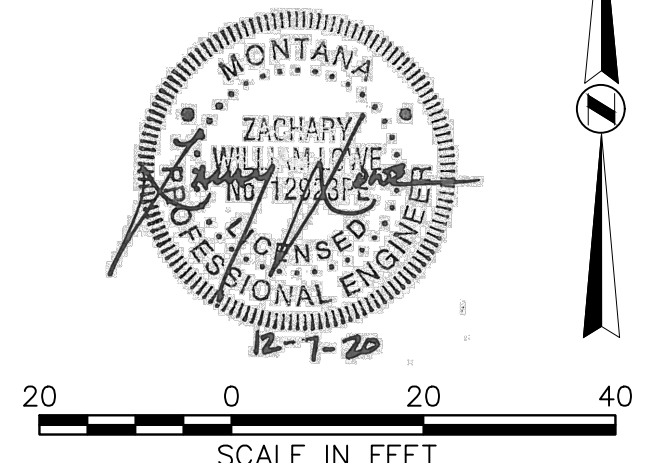
REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

QUADS LOT  
LOT 22  
PPA #20-0118

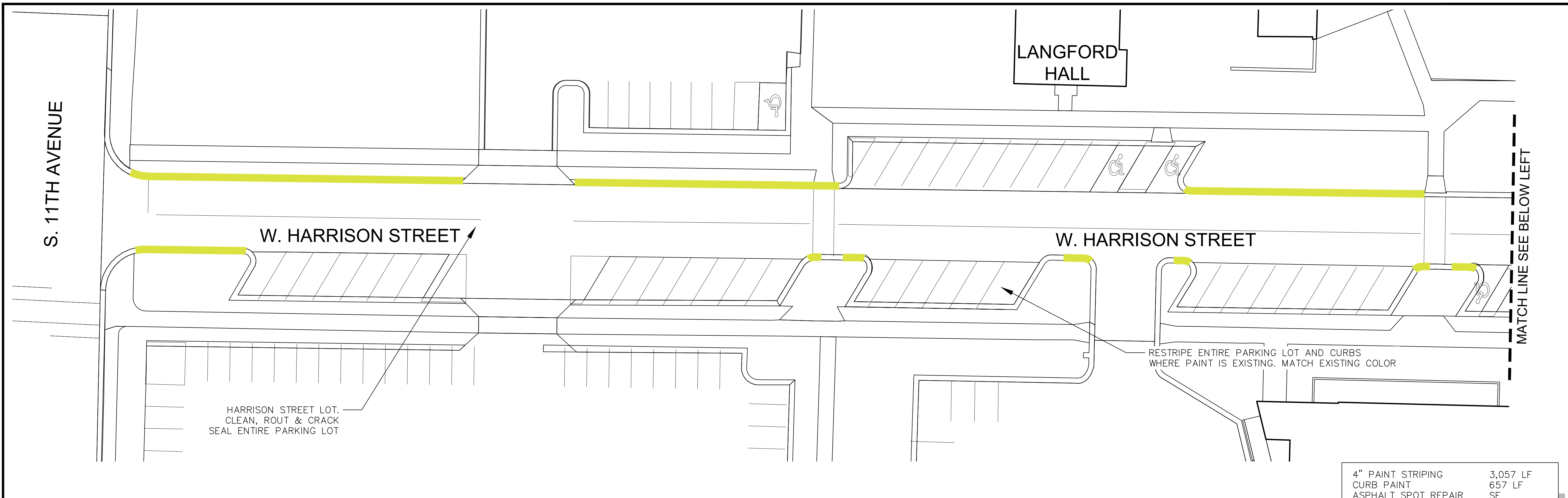
SHEET  
**C22**

12-7-20

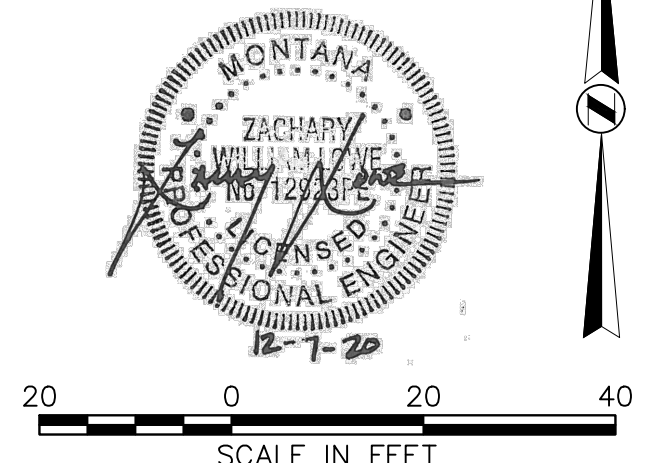
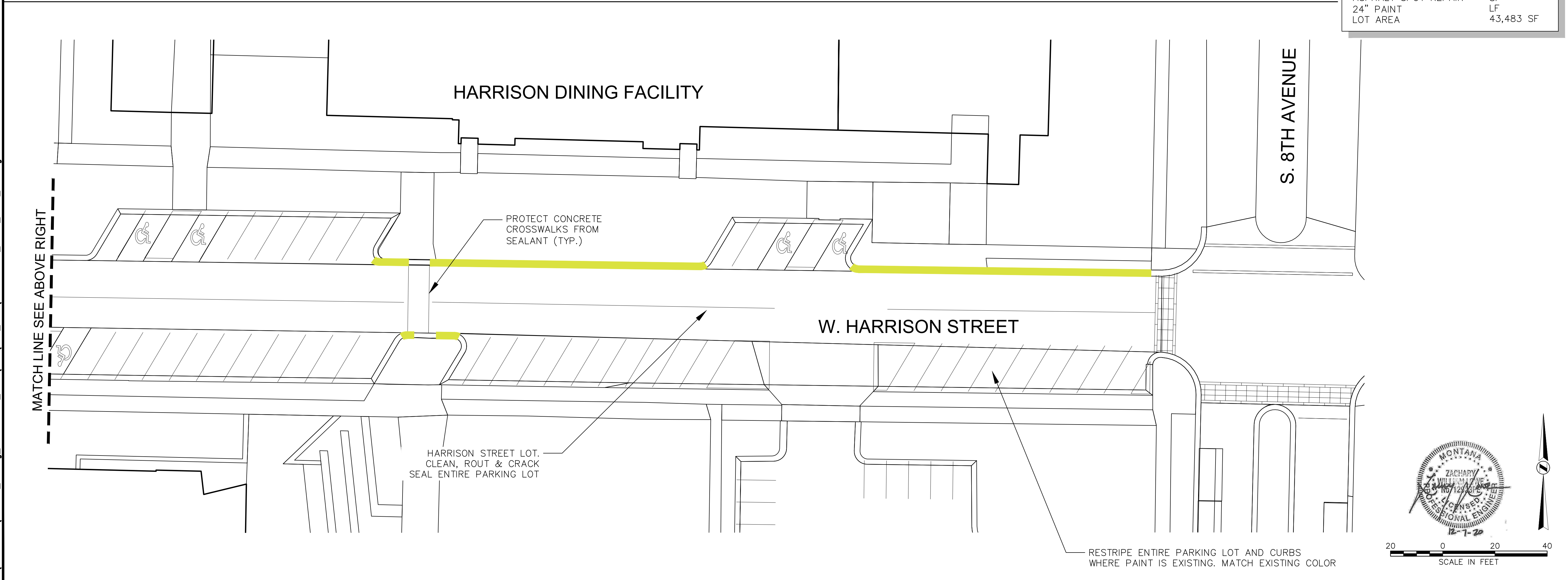




L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_LOT21\_THRU\_LOT27.dwg PLOT DATE 2020-12-16 14:34 SAVED DATE 2020-12-15 15:33 USER: ncouch



4" PAINT STRIPING	3,057 LF
CURB PAINT	657 LF
ASPHALT SPOT REPAIR	SF
24" PAINT	LF
LOT AREA	43,483 SF



**PARKING MAINTENANCE 2021**

**STAHLY**  
ENGINEERING & ASSOCIATES  
PROFESSIONAL ENGINEERS & SURVEYORS  
www.seoeng.com

2223 MONTANA AVE.  
STE. 201  
BILLINGS, MT 59101  
Phone: (406) 361-4055  
Fax: (406) 361-4062

3530 CENTENNIAL DR.  
HELENA, MT 59601  
Phone: (406) 442-8584  
Fax: (406) 442-8557

851 BRIDGER DR. STE. 1  
BOZEMAN, MT 59715  
Phone: (406) 252-8526  
Fax: (406) 252-9528

DRAWN BY: ZWL  
REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

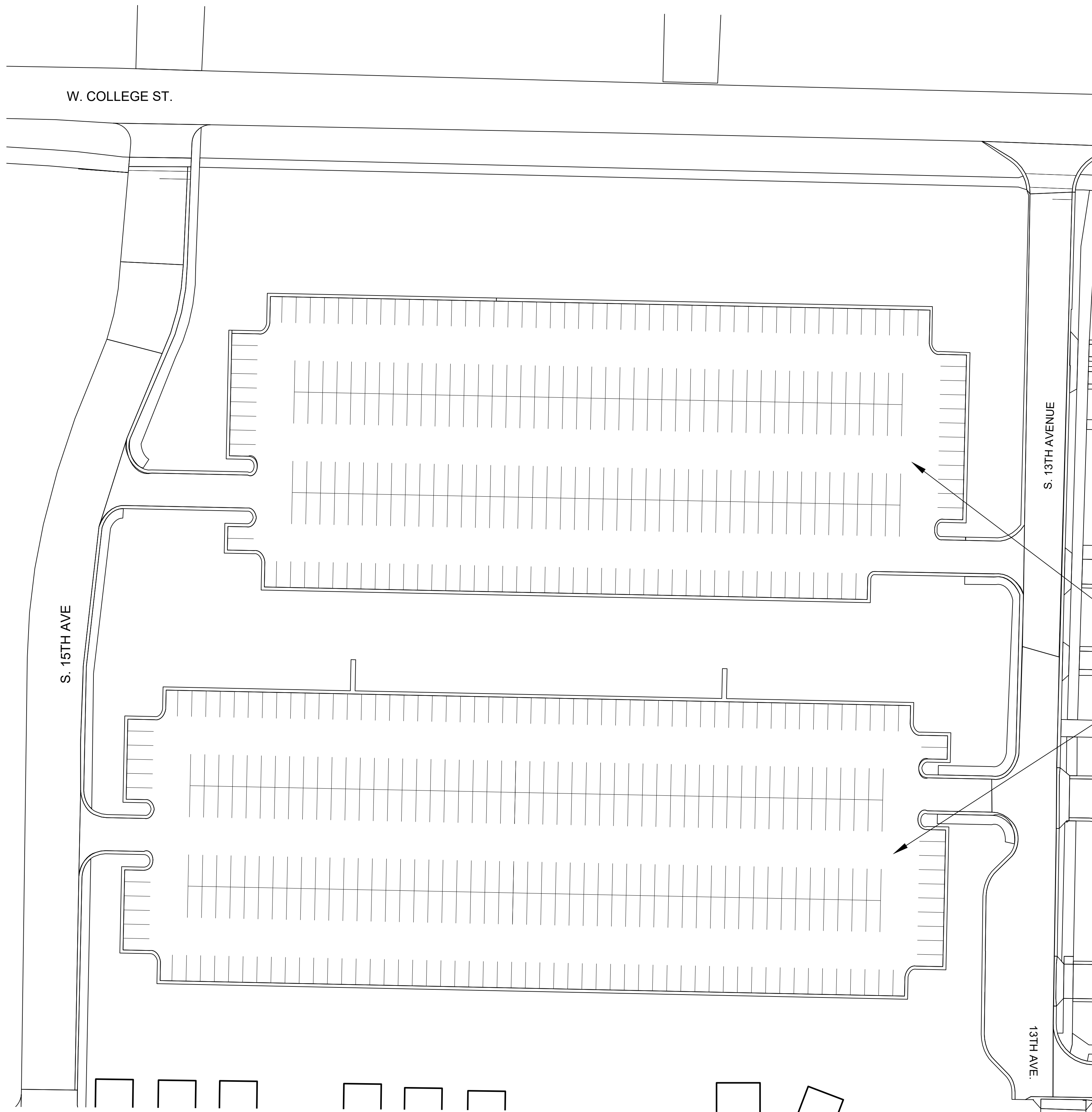
HARRISON ST. LOT  
LOT 23  
PPA #20-0118

SHEET  
**C23**

12-7-20

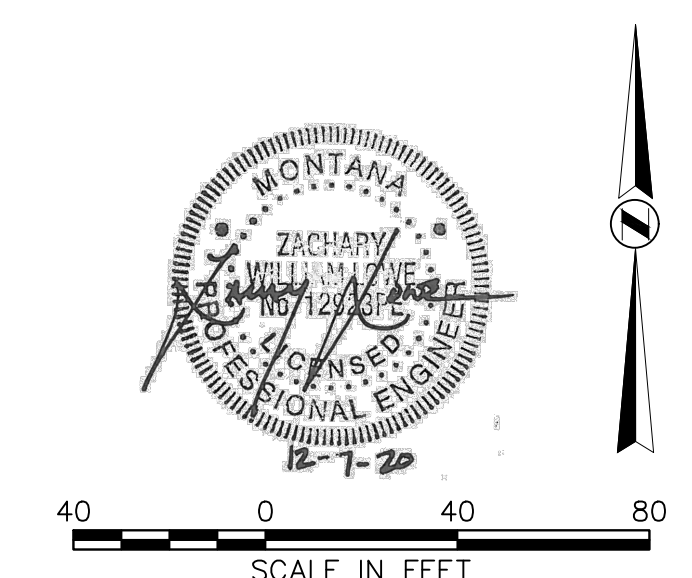


L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_LOT21\_THRU\_LOT27.dwg PLOT DATE 2020-12-16 14:34 SAVED DATE 2020-12-15 15:33 USER: ncouch

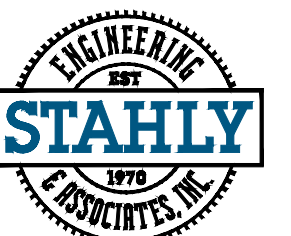


CLEAN, CRACK SEAL & RESTRIPE ENTIRE PARKING LOT AND CURBS WHERE PAINT IS EXISTING. MATCH EXISTING COLOR

4" PAINT STRIPING	6,129 LF
CURB PAINT	LF
ASPHALT SPOT REPAIR	SF
24" YELLOW PAINT	LF
LOT AREA	184,192 SF



# PARKING MAINTENANCE 2021



**STAHLY ENGINEERING & ASSOCIATES**  
 PROFESSIONAL ENGINEERS & SURVEYORS  
 www.seoeng.com  
 2223 MONTANA AVE.  
 STE. 201  
 BILLINGS, MT 59101  
 Phone:(406)501-4055 Fax:(406)501-4062  
 3530 CENTENNIAL DR.  
 HELENA, MT 59601  
 Phone:(406)442-8584 Fax:(406)442-8557  
 851 BRIDGER DR. STE. 1  
 BOZEMAN, MT 59715  
 Phone:(406)252-8526 Fax:(406)252-9528

DRAWN BY: ZWL

REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

BISON LOT  
 LOT 26

PPA #20-0118

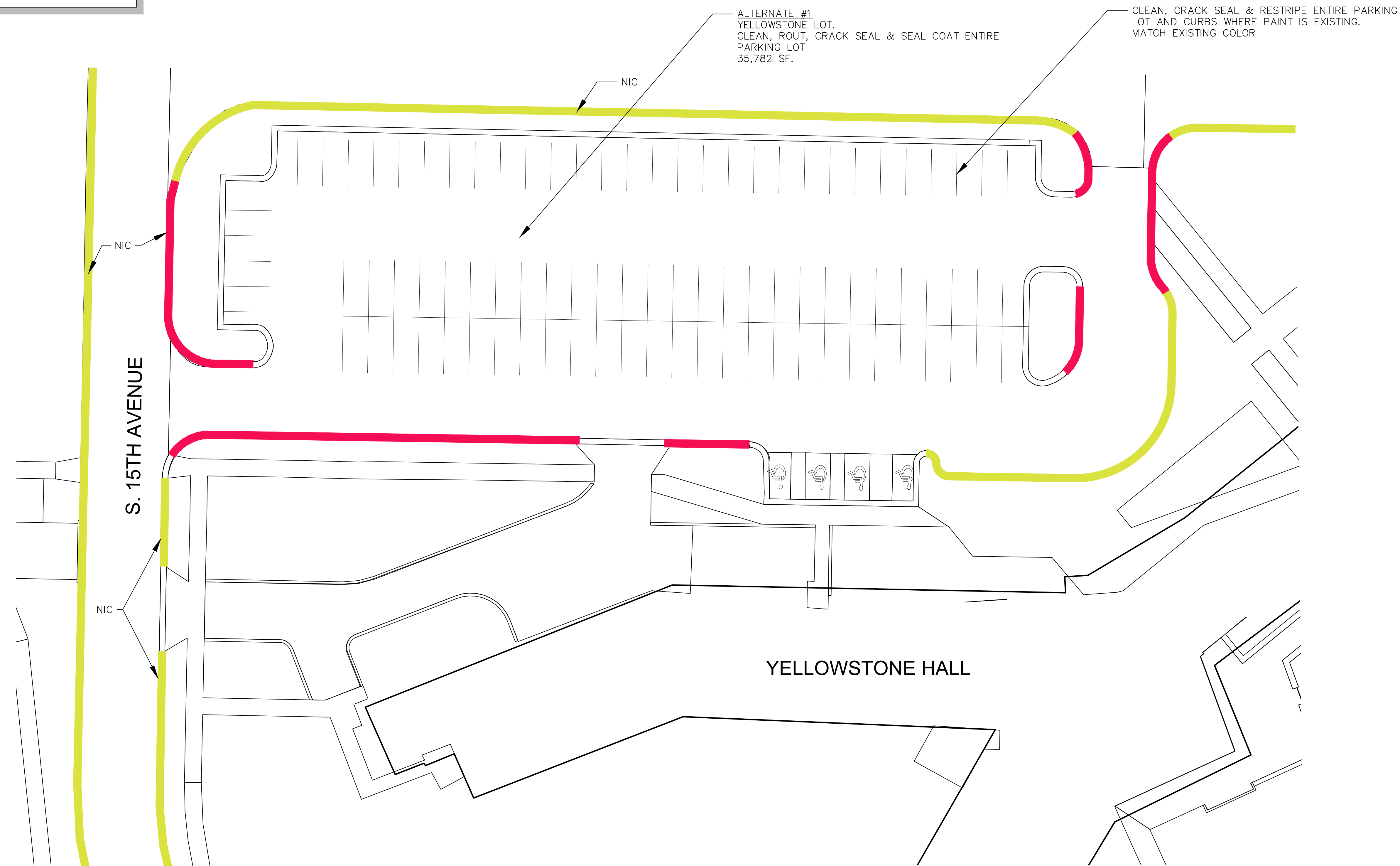
SHEET  
**C26**

12-7-20



L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_LOT21\_THRU\_LOT27.dwg PLOT DATE 2020-12-16 14:34 SAVED DATE 2020-12-15 15:33 USER: ncouch

4" PAINT STRIPING	2,020 LF
CURB PAINT	468 LF
ASPHALT SPOT REPAIR	SF
24" PAINT	LF
LOT AREA	35,782 SF



PARKING MAINTENANCE 2021



**STAHLY ENGINEERING & ASSOCIATES**  
 PROFESSIONAL ENGINEERS & SURVEYORS  
 www.seoeng.com  
 2223 MONTANA AVE. STE. 201  
 BILLINGS, MT 59101  
 Phone(406)361-4055 Fax(406)361-4062  
 3530 CENTENNIAL DR. HELENA, MT 59601  
 Phone(406)442-8584 Fax(406)442-8557  
 851 BRIDGER DR. STE. 1 BOZEMAN, MT 59715  
 Phone(406)252-8526 Fax(406)252-9528

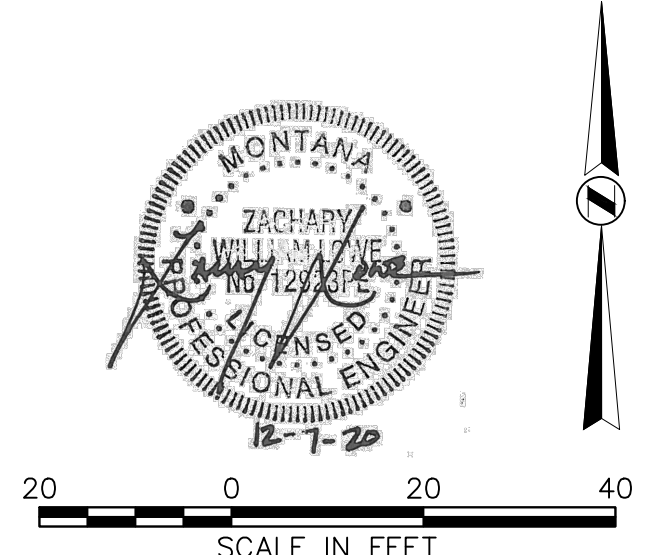
DRAWN BY: ZWL  
 REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

YELLOWSTONE LOT  
 LOT 27  
 PPA #20-0118

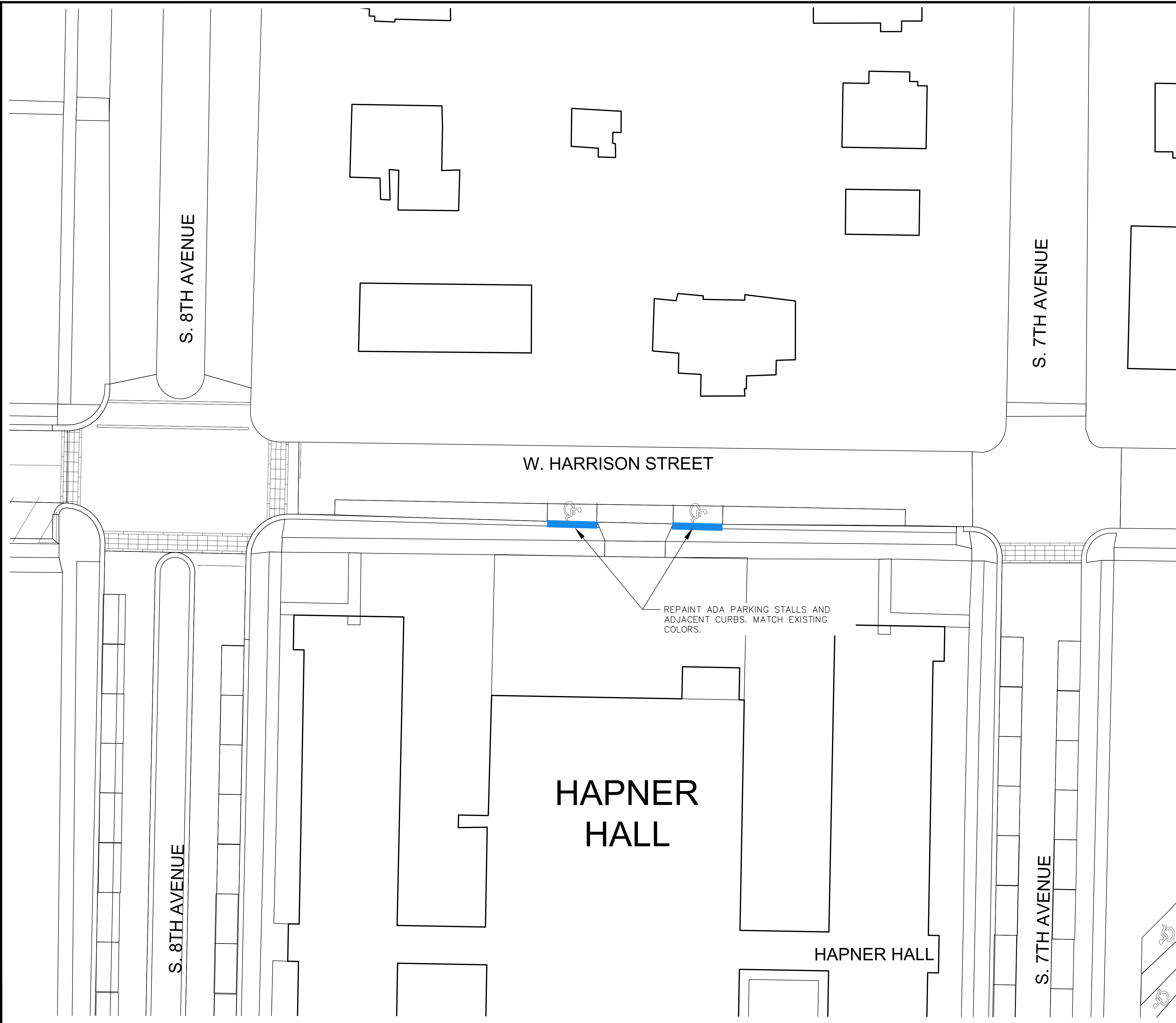
SHEET  
**C27**

12-7-20





L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_HAPNER ADA.dwg PLOT DATE 2020-12-16 14:34 SAVED DATE 2020-12-10 15:13 USER: ncouch

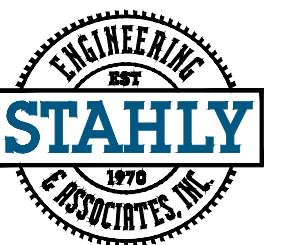


4" PAINT STRIPING	32 LF
CURB PAINT	40 LF
ASPHALT SPOT REPAIR	SF
24" PAINT	LF
LOT AREA	SF

REPAINT ADA PARKING STALLS AND ADJACENT CURBS. MATCH EXISTING COLORS.



PARKING MAINTENANCE 2021



**STAHLY ENGINEERING & ASSOCIATES**  
 PROFESSIONAL ENGINEERS & SURVEYORS  
 www.seoeng.com  
 2223 MONTANA AVE.  
 STE. 201  
 BILLINGS, MT 59101  
 Phone (406)361-4055  
 Fax (406)361-4062  
 3530 CENTENNIAL DR.  
 HELENA, MT 59601  
 Phone (406)442-8554  
 Fax (406)442-8557  
 851 BRIDGER DR. STE. 1  
 BOZEMAN, MT 59715  
 Phone (406)252-8526  
 Fax (406)252-9528

DRAWN BY: ZWL  
 REVIEWED BY: ZWL

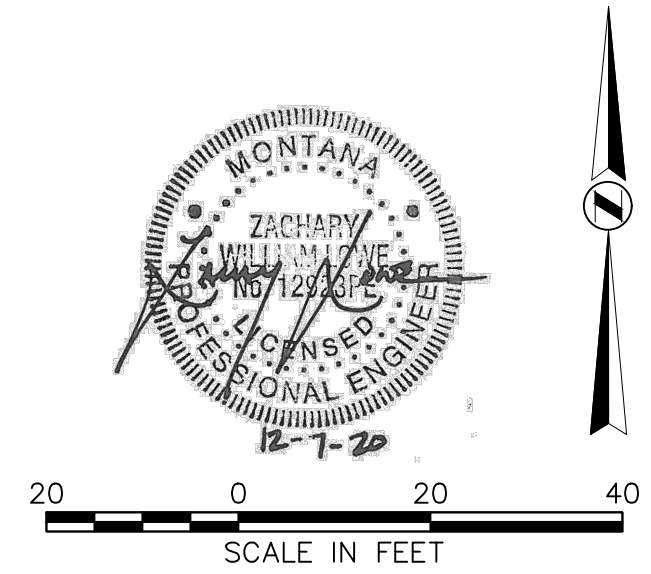
REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

HARRISON ADA STRIPING AT HAPNER

PPA #20-0118

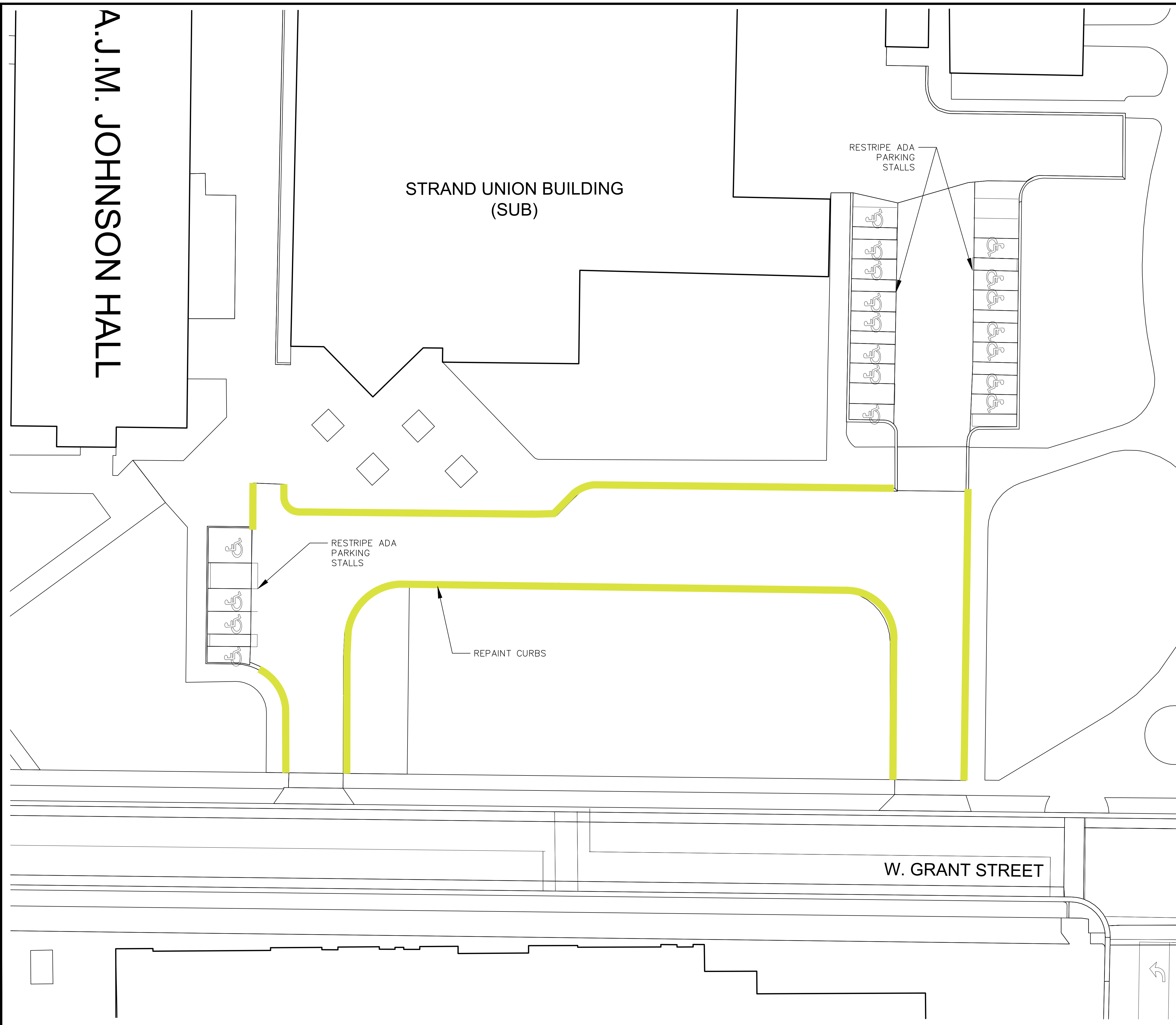
SHEET  
**C28**

12-7-20





L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_SUB\_LOOP.dwg PLOT DATE 2020-12-16 14:35 SAVED DATE 2020-12-10 15:14 USER: ncouch



4" PAINT STRIPING	682 LF
CURB PAINT	797 LF
ASPHALT SPOT REPAIR	SF
24" PAINT	LF
LOT AREA	23,021 SF



# PARKING MAINTENANCE 2021

**STAHLY**  
ENGINEERING & ASSOCIATES  
PROFESSIONAL ENGINEERS & SURVEYORS  
www.seaeng.com

2223 MONTANA AVE.  
STE. 201  
BILLINGS, MT 59101  
Phone: (406) 361-4055  
Fax: (406) 361-4062

3530 CENTENNIAL DR.  
HELENA, MT 59601  
Phone: (406) 442-8554  
Fax: (406) 442-8557

851 BRIDGER DR. STE. 1  
BOZEMAN, MT 59715  
Phone: (406) 252-8526  
Fax: (406) 252-9528

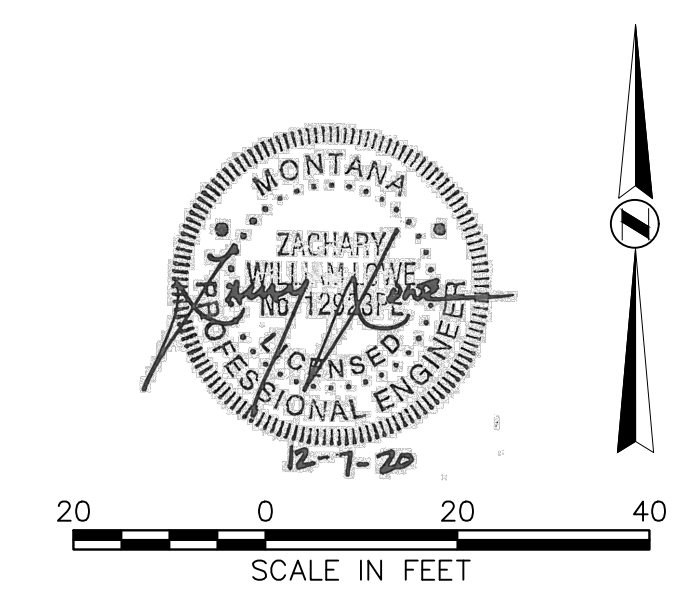
DRAWN BY: ZWL  
REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

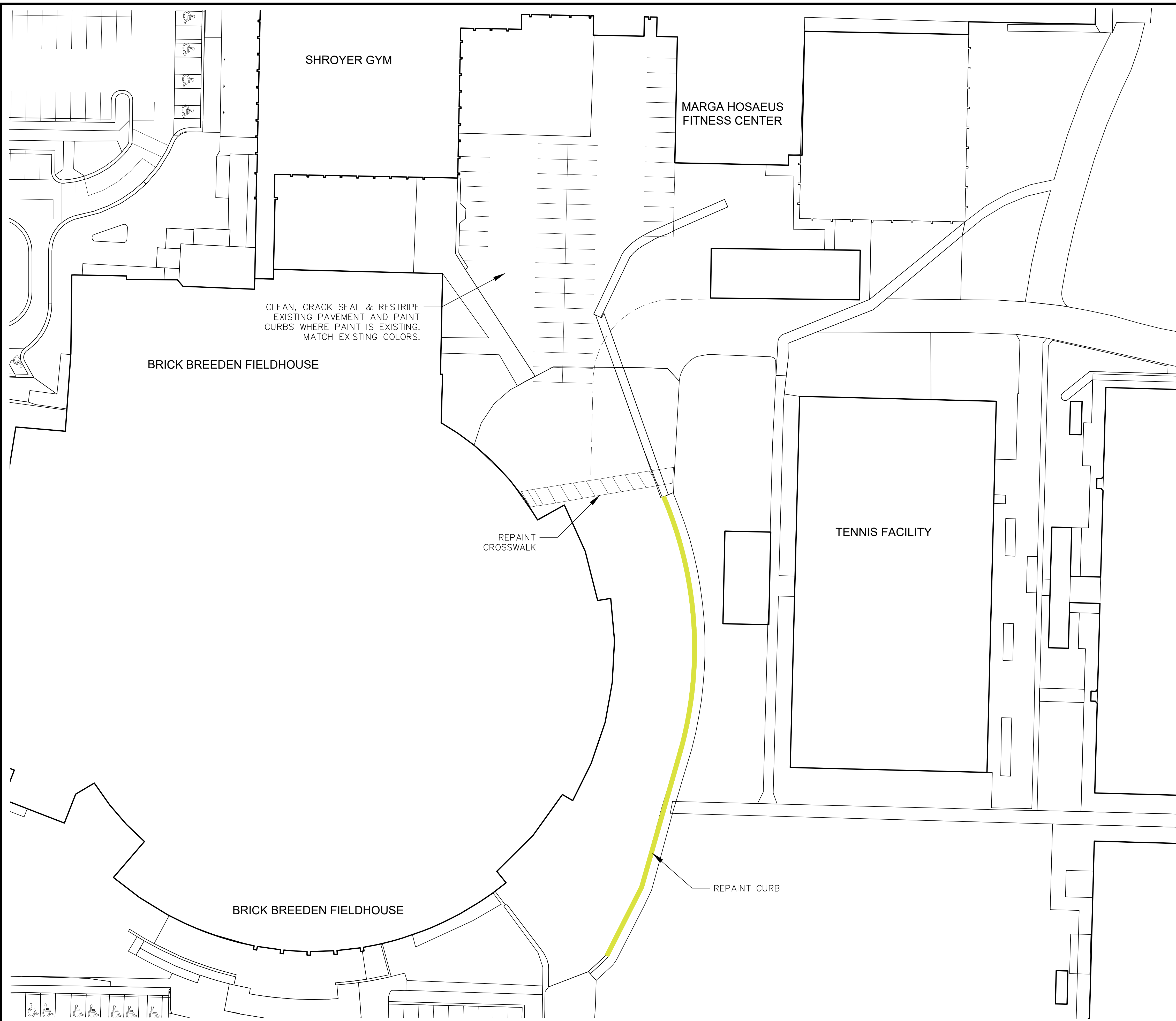
**SUB LOOP**  
PPA #20-0118

SHEET  
**C30**

12-7-20



L:\1454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\1454-02420\_FIELDHOUSE\_SERVICE\_DR.dwg PLOT DATE 2020-12-16 14:35 SAVED DATE 2020-12-10 15:15 USER: ncouch



4" PAINT STRIPING	1,485 LF
CURB PAINT	289 LF
ASPHALT SPOT REPAIR	SF
24" PAINT	LF
LOT AREA	52,542 SF



PARKING MAINTENANCE 2021



**STAHLY ENGINEERING & ASSOCIATES**  
 PROFESSIONAL ENGINEERS & SURVEYORS  
 www.seeng.com  
 2223 MONTANA AVE.  
 STE. 201  
 BILLINGS, MT 59101  
 Phone: (406)361-4055  
 Fax: (406)361-4062  
 3530 CENTENNIAL DR.  
 HELENA, MT 59601  
 Phone: (406)442-8564  
 Fax: (406)442-8557  
 851 BRIDGER DR. STE. 1  
 BOZEMAN, MT 59715  
 Phone: (406)252-8526  
 Fax: (406)252-9528

DRAWN BY: ZWL

REVIEWED BY: ZWL

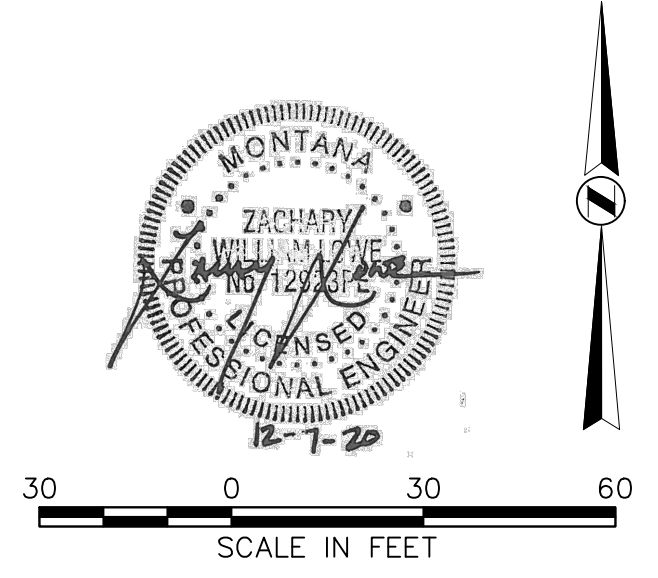
REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

FIELD HOUSE SERVICE DRIVE

PPA #20-0118

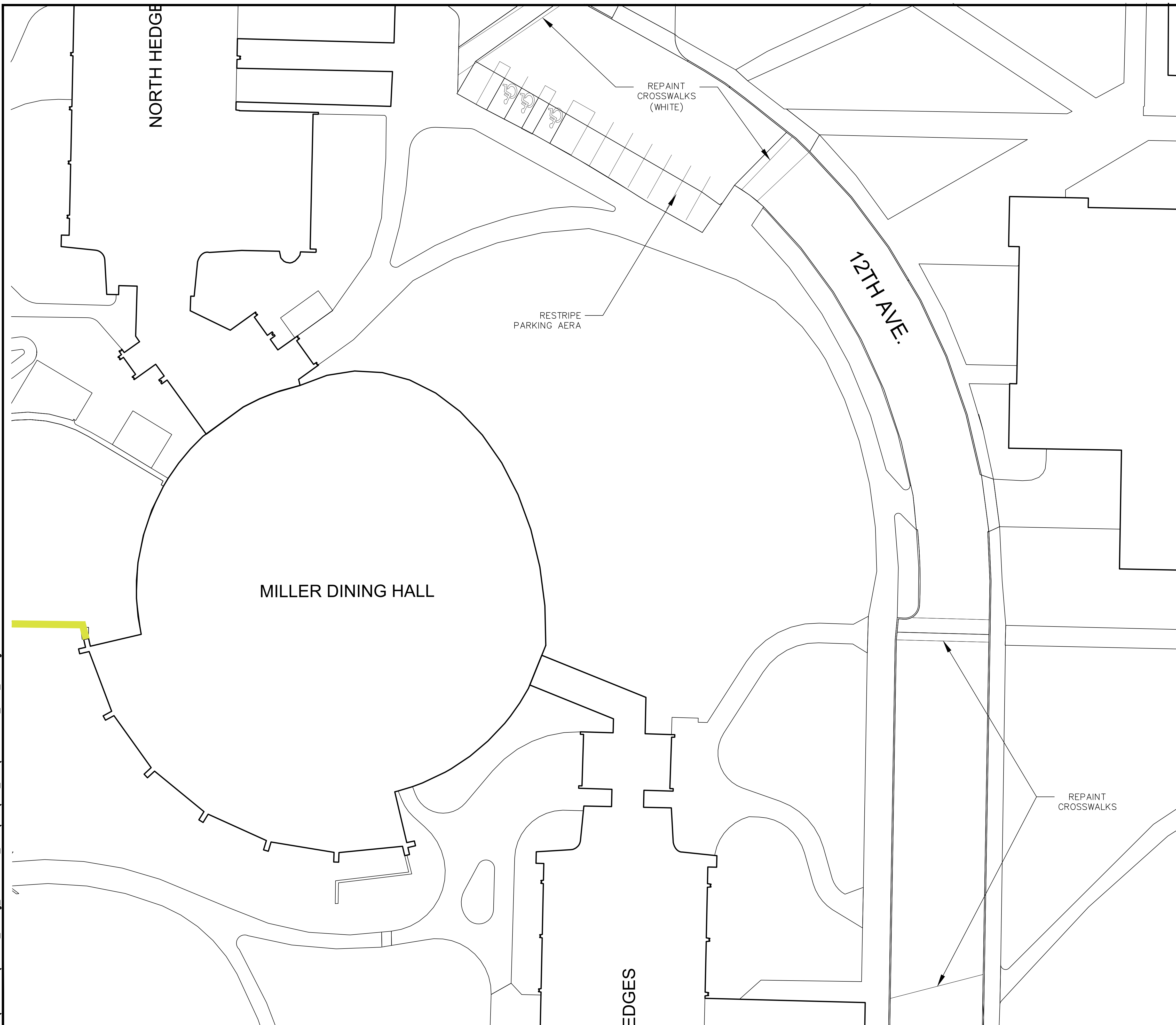
SHEET  
**C31**

12-7-20





L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_12TH\_AVE.dwg PLOT DATE 2020-12-16 14:35 SAVED DATE 2020-12-10 15:16 USER: ncouch



4" PAINT STRIPING	300 LF
CURB PAINT	LF
ASPHALT SPOT REPAIR	SF
24" PAINT	1,247 LF
LOT AREA	SF



# PARKING MAINTENANCE 2021

**STAHLY ENGINEERING & ASSOCIATES**  
 PROFESSIONAL ENGINEERS & SURVEYORS  
 www.seoeng.com

2223 MONTANA AVE.  
 STE. 201  
 BILLINGS, MT 59101  
 Phone:(406)361-4055 Fax:(406)361-4062

3530 CENTENNIAL DR.  
 HELENA, MT 59601  
 Phone:(406)442-8584 Fax:(406)442-8557

851 BRIDGER DR. STE. 1  
 BOZEMAN, MT 59715  
 Phone:(406)252-8526 Fax:(406)252-9528

DRAWN BY: ZWL  
 REVIEWED BY: ZWL

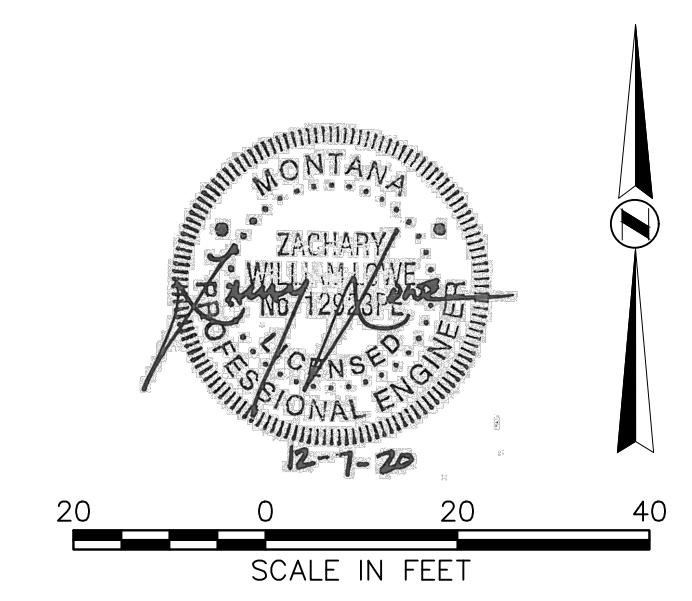
REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

**12TH AVE. / N. HEDGES LOT**

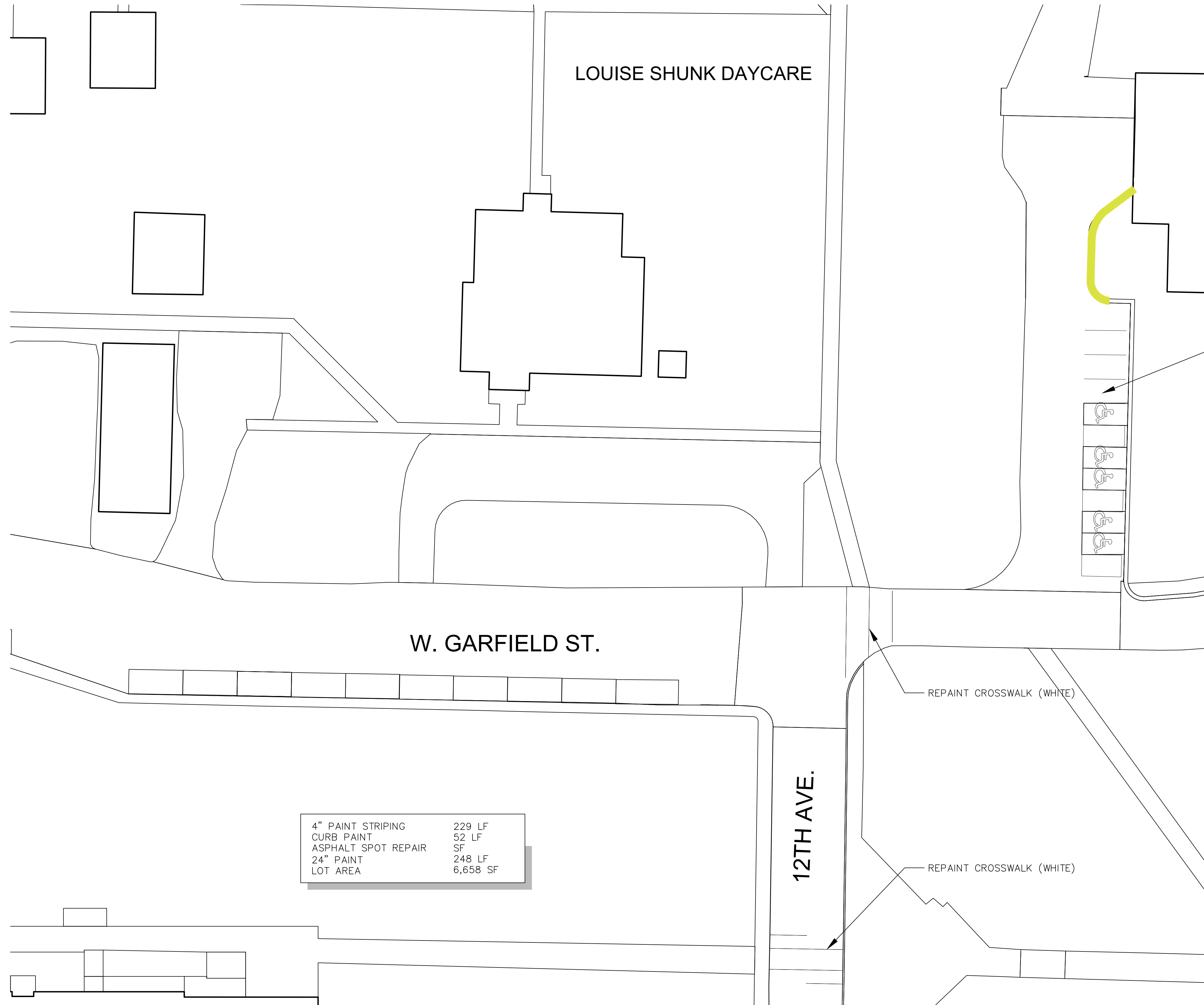
PPA #20-0118

SHEET  
**C32**

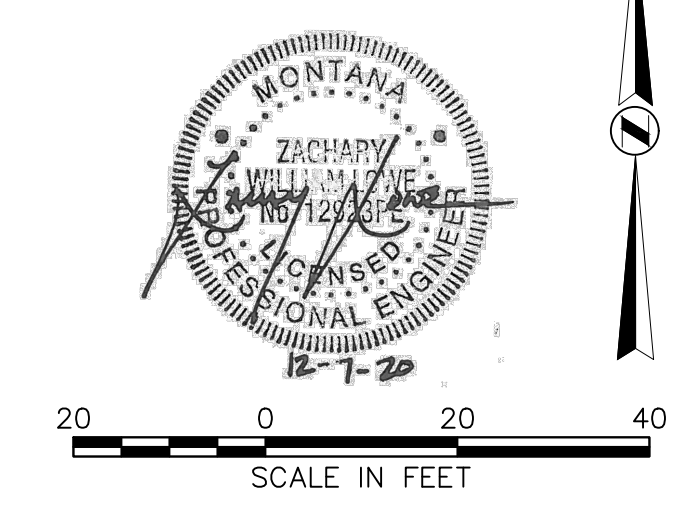
12-7-20



L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_PLANT\_GROWTH\_CTR.dwg PLOT DATE 2020-12-16 14:36 SAVED DATE 2020-12-10 15:22 USER: ncoach



4" PAINT STRIPING	229 LF
CURB PAINT	52 LF
ASPHALT SPOT REPAIR	SF
24" PAINT	248 LF
LOT AREA	6,658 SF



# PARKING MAINTENANCE 2021

**STAHLY ENGINEERING & ASSOCIATES**  
PROFESSIONAL ENGINEERS & SURVEYORS  
www.seoeng.com

2223 MONTANA AVE.  
STE. 201  
BILLINGS, MT 59101  
Phone(406)501-4055  
Fax(406)501-4062

3530 CENTENNIAL DR.  
HELENA, MT 59601  
Phone(406)442-8584  
Fax(406)442-8557

851 BRIDGER DR. STE. 1  
BOZEMAN, MT 59715  
Phone(406)252-8526  
Fax(406)252-9528

DRAWN BY: ZWL  
REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

**PLAT GROWTH CENTER SERVICE DRIVE**

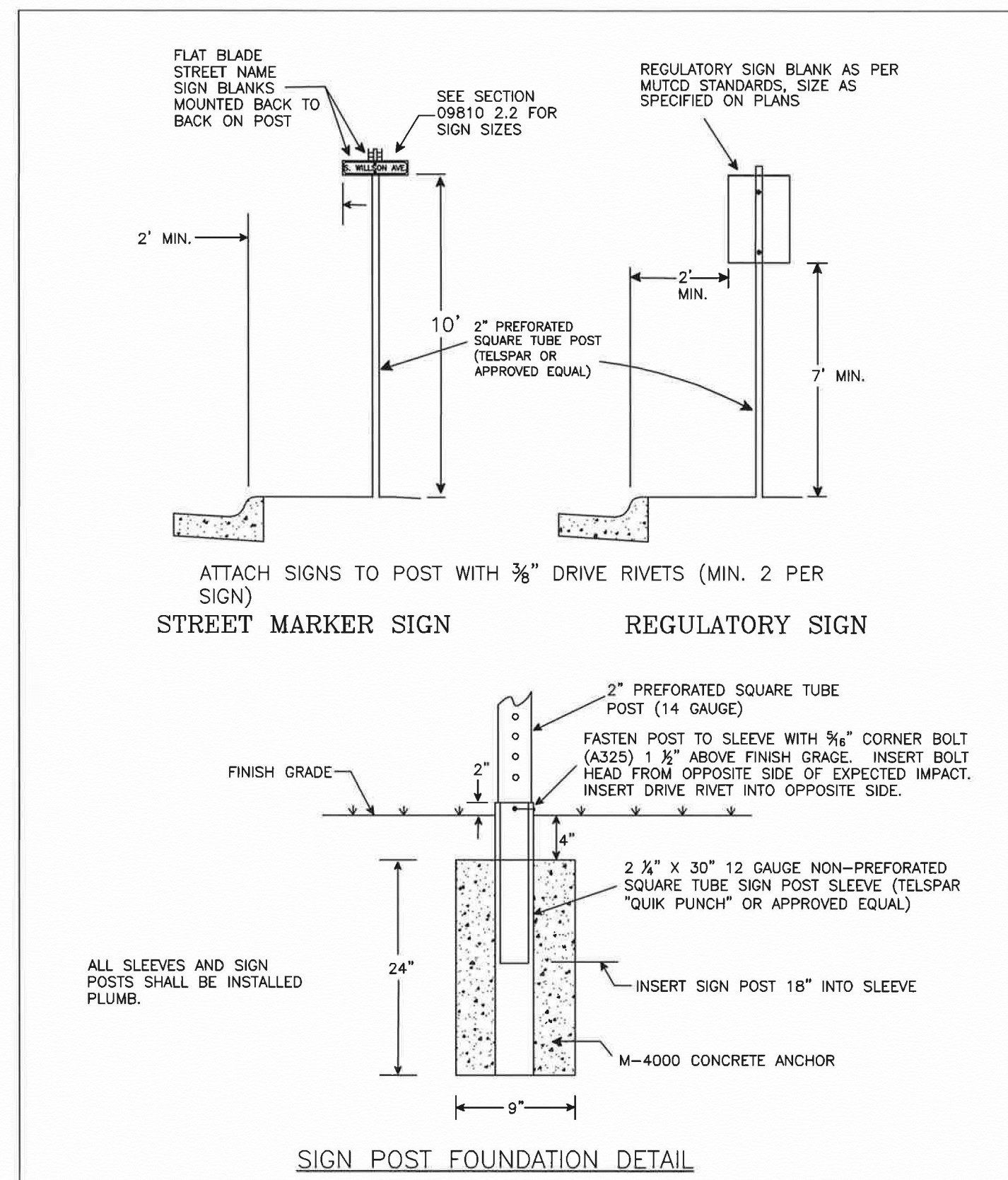
PPA #20-0118

SHEET  
**C33**

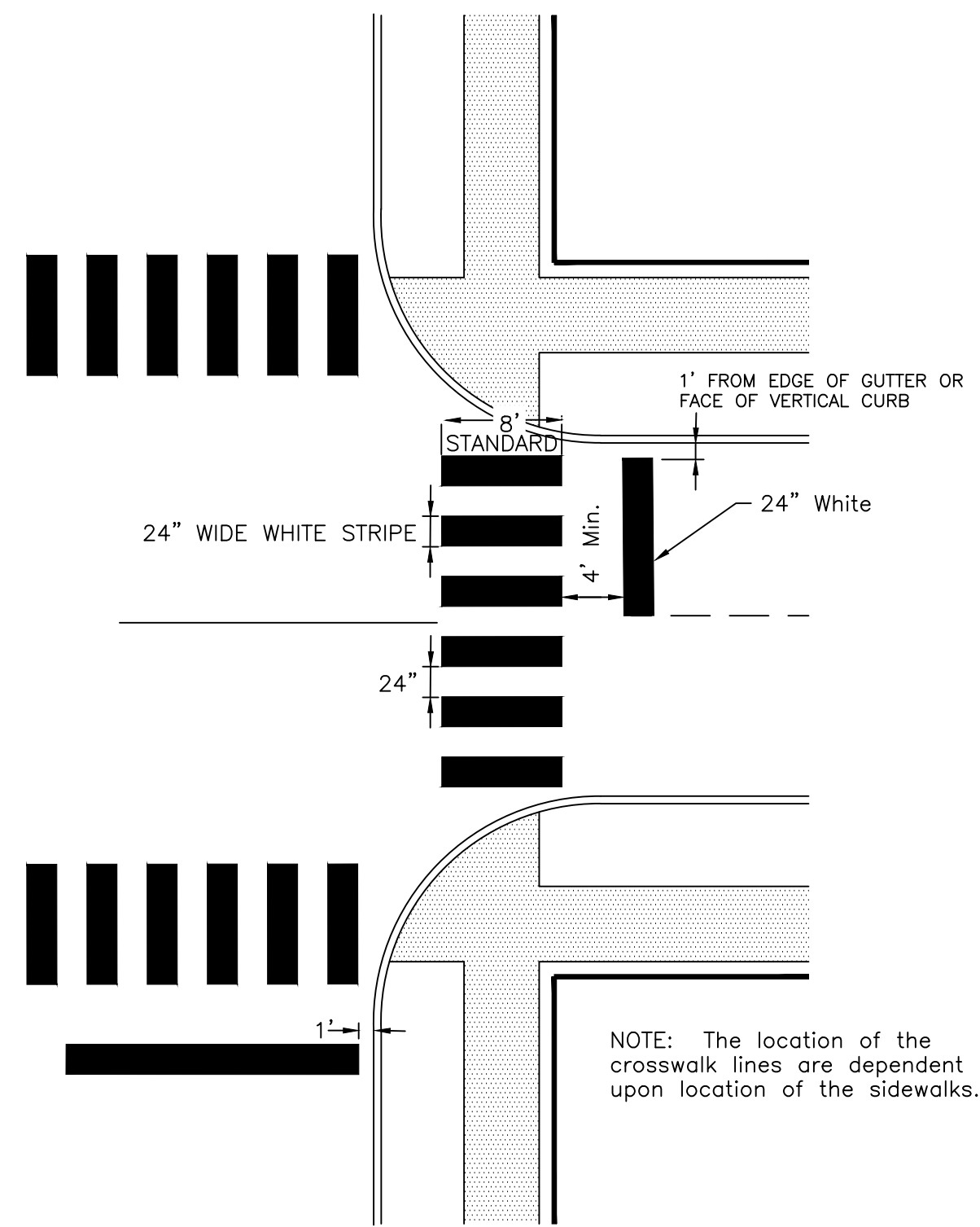
12-7-20



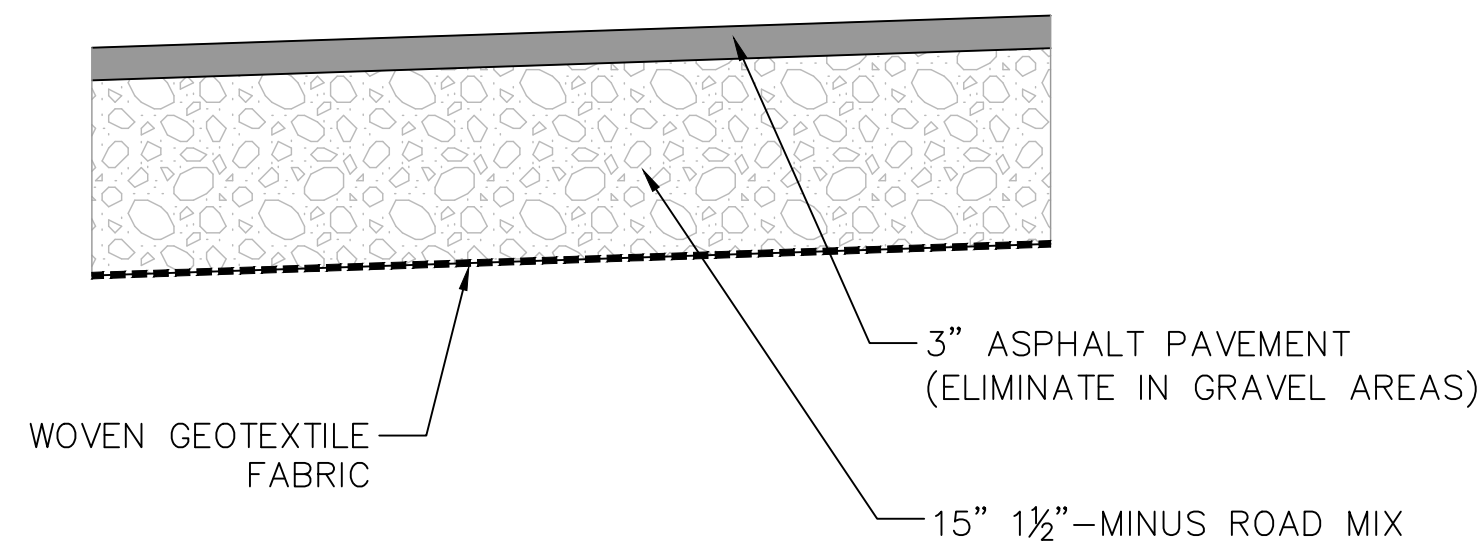
L:\454-MSU\02420\_Parking\_Maintenance\_2021\DWG\Plan\_Sets\454-02420\_DETAILS.dwg PLOT DATE 2020-12-16 14:36 SAVED DATE 2020-12-04 15:59 USER: ncoouch



CITY OF BOZEMAN STANDARD DRAWING	SCALE: NONE	SIGN INSTALLATION STANDARDS	NO. 09810-1 AUG. 1994 Revised 6/2002
-------------------------------------	----------------	--------------------------------	--



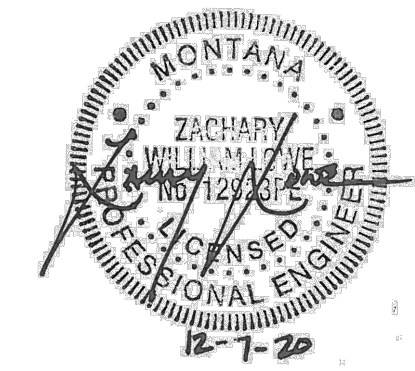
PEDESTRIAN CROSS WALK MARKINGS & 24" STOP BAR  
NOT TO SCALE



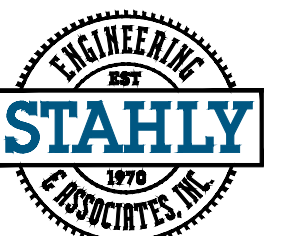
REMOVE AND REPLACE SECTION DETAIL NOTES:

1. REMOVE AND REPLACE ASPHALT AND GRAVEL AREAS AS SHOWN IN THE PROJECT DRAWINGS.
2. EXCAVATE SECTION DEPTH AND COMPACT SUBGRADE TO 95% ASTM D698.
3. DISPOSE OF EXCAVATED MATERIALS IN A LAWFUL MANNER.
4. GEOTEXTILE SHALL BE A WOVEN FABRIC: MIRAFI 600X, CONTECH C300 OR APPROVED EQUAL.
5. COMPACT BASE COURSE TO 95% ASTM D698 +/- 2% OPTIMUM MOISTURE
6. BEFORE PAVING SAWCUT ADJACENT ASPHALT IN STRAIGHT LINES WITH A CLEAN EDGE.
7. COMPACT ASPHALT PAVEMENT TO 95% ASTM D2041. MATCH ADJACENT GRADES AND PERPETUATE EXISTING DRAINAGE.

PARKING LOT SECTION  
NOT TO SCALE



PARKING MAINTENANCE 2021



**STAHLY**  
ENGINEERING  
& ASSOCIATES  
PROFESSIONAL  
ENGINEERS &  
SURVEYORS  
www.seoeng.com  
2223 MONTANA AVE.  
STE. 201  
BILLINGS, MT 59101  
Phone(406)501-4055  
Fax(406)501-4062  
3530 CENTENNIAL DR.  
HELENA, MT 59601  
Phone(406)442-8564  
Fax(406)442-8557  
851 BRIDGER DR. STE. 1  
BOZEMAN, MT 59715  
Phone(406)252-8526  
Fax(406)252-9528

DRAWN BY: ZWL

REVIEWED BY: ZWL

REV.	DESCRIPTION	DATE
1	90% REVIEW	12-3-20
2	BID SET	12-7-20

12TH AVE. / N.  
HEDGES LOT

PPA #20-0118

SHEET

**C34**

12-7-20