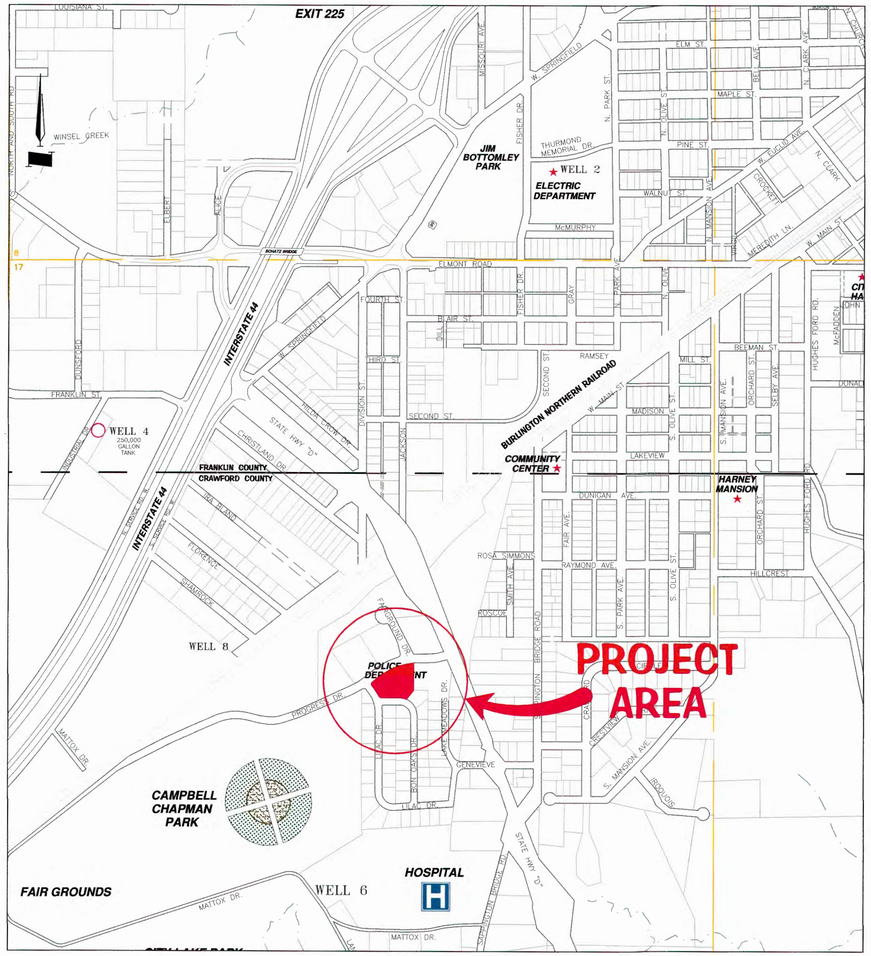
SULLIVAN
MISSOURI

# POLICE DEPARTMENT
# PARKING LOT IMPROVEMENTS




PROJECT LOCATION MAP

## CITY COUNCIL

Dennis Watz, Mayor
Tony Wessler, Ward I Alderman
Mark Dalton, Ward I Alderman
T.J. Carey, Ward II Alderman
Jason Alexander, Ward II Alderman
Paul McCulloch, Ward III Alderman
Bobby Maupin, Ward III Alderman

## CITY ADMINISTRATOR

J.T. Hardy

## DIRECTORY

| | |
|---|---|
| CITY ENGINEERING DEPARTMENT<br>Robert Schaffer, P.E., City Engineer | (573) 468-8965 |
| CITY BUILDING DEPARTMENT<br>Dan King, Code Administrator | (573) 468-8965 |
| CITY STREET DEPARTMENT<br>Billy Parker, Street Commissioner | (573) 468-4912 |
| CITY WATER & SEWER DEPARTMENT<br>John Garner, Water & Sewer Commissioner | (573) 468-4812 |
| CITY ELECTRIC DEPARTMENT<br>Joe Thurmond, Electric Commissioner | (573) 468-4712 |
| CITY PARKS & RECREATION DEPARTMENT<br>David Wall, Parks Director | (573) 468-5216 |
| MISSOURI NATURAL GAS CO. | (800) 675-6577 |
| MOGAS PIPELINE, LLC | (800) 282-4916 |
| CHARTER CABLE TELEVISION | (636) 239-2197 |
| FIDELITY TELEPHONE CO. | (573) 468-8081 |

City of Sullivan
Crawford County, MO.
106 Progress Drive

## DESIGN DESIGNATION

FUCTIONAL CLASSIFICATION = NA
A.D.T. 2020 = NA
DESIGN SPEED = NA
% TRUCKS = NA

## LENGTH OF PROJECT

NET LENGTH OF PROJECT = NA

## SHEET INDEX


| DESCRIPTION | SHEET NO. |
|---|---|
| TITLE SHEET | 1 |
| PLAN - BID OPTION 1 | 2 |
| PLAN - BID OPTION 2 | 3 |
| GRADING PLAN - BID OPTION 2 | 4 |
| STRIPING PLAN - BID OPTION 2 | 5 |

## ABBREVIATIONS

| | |
|---|---|
| ASPH. | ASPHALT |
| CL or ℄ | CENTER LINE |
| CLR | CLEAR |
| CONC. | CONCRETE |
| DIP | DUCTILE IRON PIPE |
| DND | DO NOT DISTURB |
| ELEV. or EL. | ELEVATION |
| EX. | EXISTING |
| FH | FIRE HYDRANT |
| FL | FLOWLINE |
| FT | FEET |
| HORIZ. | HORIZONTAL |
| I.D. | INSIDE DIAMETER |
| LF | LINEAL FEET |
| LH | LAMPHOLE |
| LR | LONG RADIUS |
| MAX. | MAXIMUM |
| MH | MANHOLE |
| MIN. | MINIMUM |
| MJ | MECHANICAL JOINT |
| NO. | NUMBER |
| N.T.S. | NOT TO SCALE |
| O.C. | ON CENTER |
| PL | PROPERTY LINE |
| PVMT. | PAVEMENT |
| R or RAD. | RADIUS |
| REINF. | REINFORCING |
| SAN. | SANITARY |
| SHT | SHEET |
| STRUC. | STRUCTURE |
| T.B.R. | TO BE REMOVED |
| TYP. | TYPICAL |
| U.I.P. | USE IN PLACE |
| VERT. | VERTICAL |
| W/ | WITH |
| WV | WATER VALVE |

| REVISIONS | BY |
|---|---|
| | |

STATE OF MISSOURI
ROBERT SCHAFFER
NUMBER E-29444
REGISTERED PROFESSIONAL ENGINEER

PROJECT FOR:
POLICE DEPARTMENT PARKING LOT
SULLIVAN, MISSOURI

TITLE SHEET


SULLIVAN MISSOURI
"Values and Tradition – Vision and Progress"
210 W. WASHINGTON
SULLIVAN, MO. 63080
PH: 573-468-8965
FAX: 573-468-8964
www.sullivan-mo.us
sullivanmissouri
@cityofsullivan


| | |
|---|---|
| DRAWN BY: | DG |
| CHECKED BY: | RS |
| DATE: | 1/17/2020 |
| SCALE: | NTS |
| PROJECT No. | 13017 |
| FILE: | 13017T1 |
| SHEET | 1 |
| | OF 5 SHEETS |

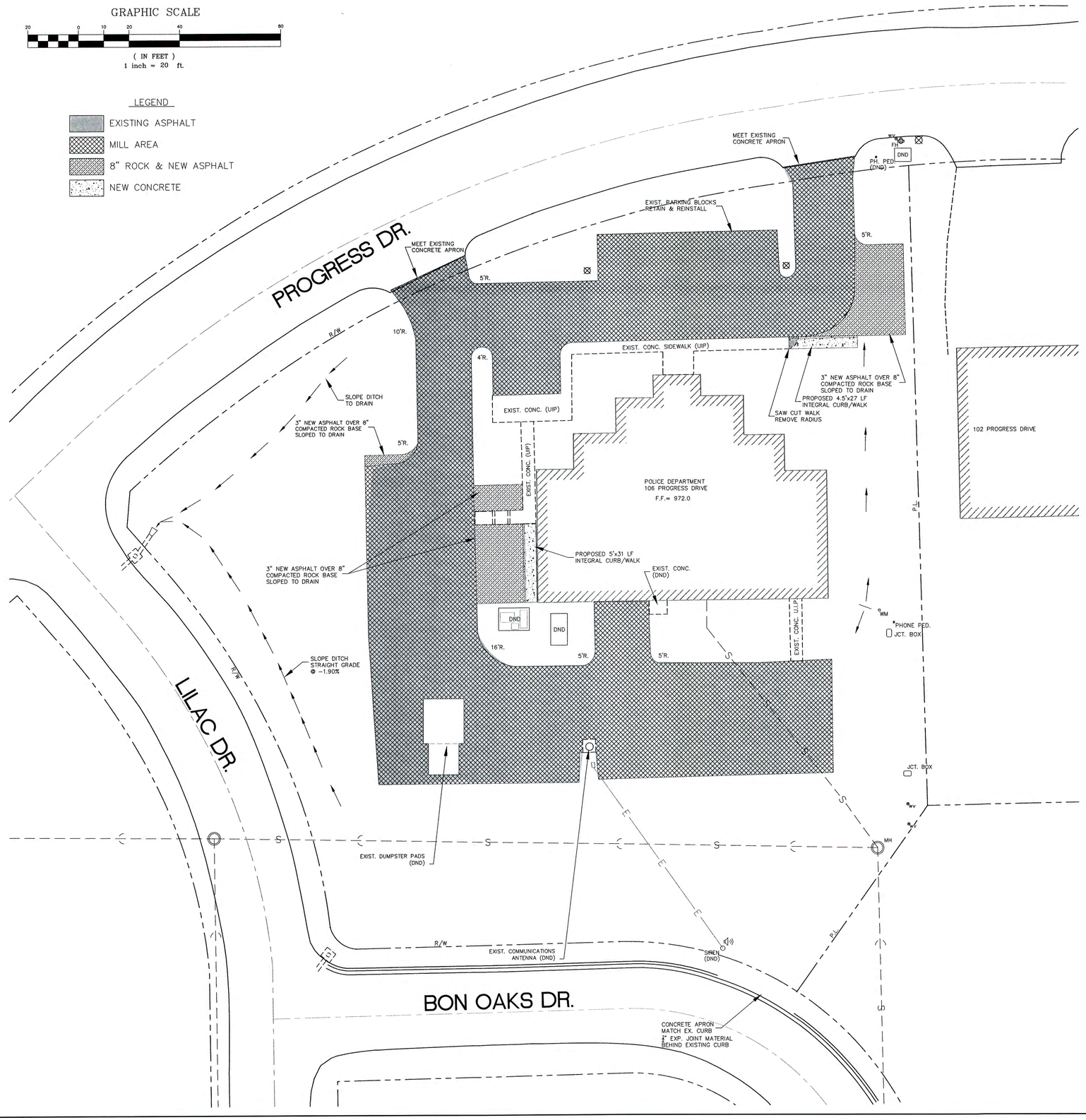
GRAPHIC SCALE

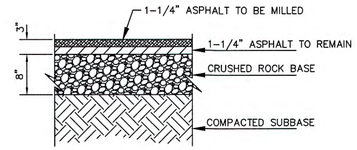
20 0 10 20 40 80

( IN FEET )
1 inch = 20 ft.

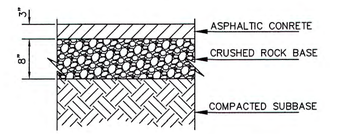
LEGEND

- EXISTING ASPHALT
- MILL AREA
- 8" ROCK & NEW ASPHALT
- NEW CONCRETE

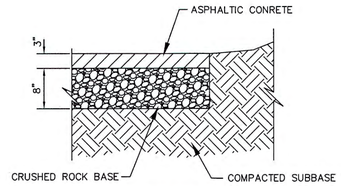


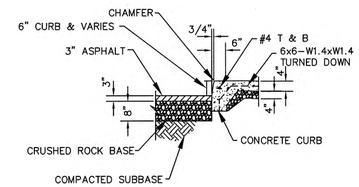

MILLING/PAVING SECTION
N.T.S.




PAVING SECTION
N.T.S.




ASPHALT PAVING @ EARTH
N.T.S.




INTEGRAL CONCRETE CURBWALK
N.T.S.

BID OPTION 1

1-1/4" PAVEMENT MILLING AREA: 2,215 SQ. YD.
NEW 1-1/4" ASPHALT OVERLAY AREA: 2,215 SQ. YD.
8" ROCK SUB-BASE AREA: 175 SQ. YD.
NEW 3" ASPHALT AREA: 175 SQ. YD.
SIDEWALK (4" THICK) CONCRETE AREA: 33 SQ. YD.
SIDEWALK (4" THICK) ROCK BASE AREA: 33 SQ. YD.
4" WHITE WATERBORNE STRIPING PAINT: 750 LF

| REVISIONS | BY |
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STATE OF MISSOURI
ROBERT J. SCHAFFER
NUMBER E-29444
REGISTERED PROFESSIONAL ENGINEER

PROJECT FOR:
POLICE DEPARTMENT PARKING LOT
SULLIVAN, MISSOURI

PLAN - BID OPTION 1

SULLIVAN MISSOURI
"Values and Tradition - Vision and Progress"


210 W. WASHINGTON
SULLIVAN, MO. 63080
PH: 573-468-8965
FAX: 573-468-8964


| | |
|---|---|
| DRAWN BY: | DG |
| CHECKED BY: | RS |
| DATE: | 1/17/2020 |
| SCALE: | 1"= 20' |
| PROJECT No. | 13017 |
| FILE: | 13017base |
| SHEET | 2 |
| | OF 5 SHEETS |

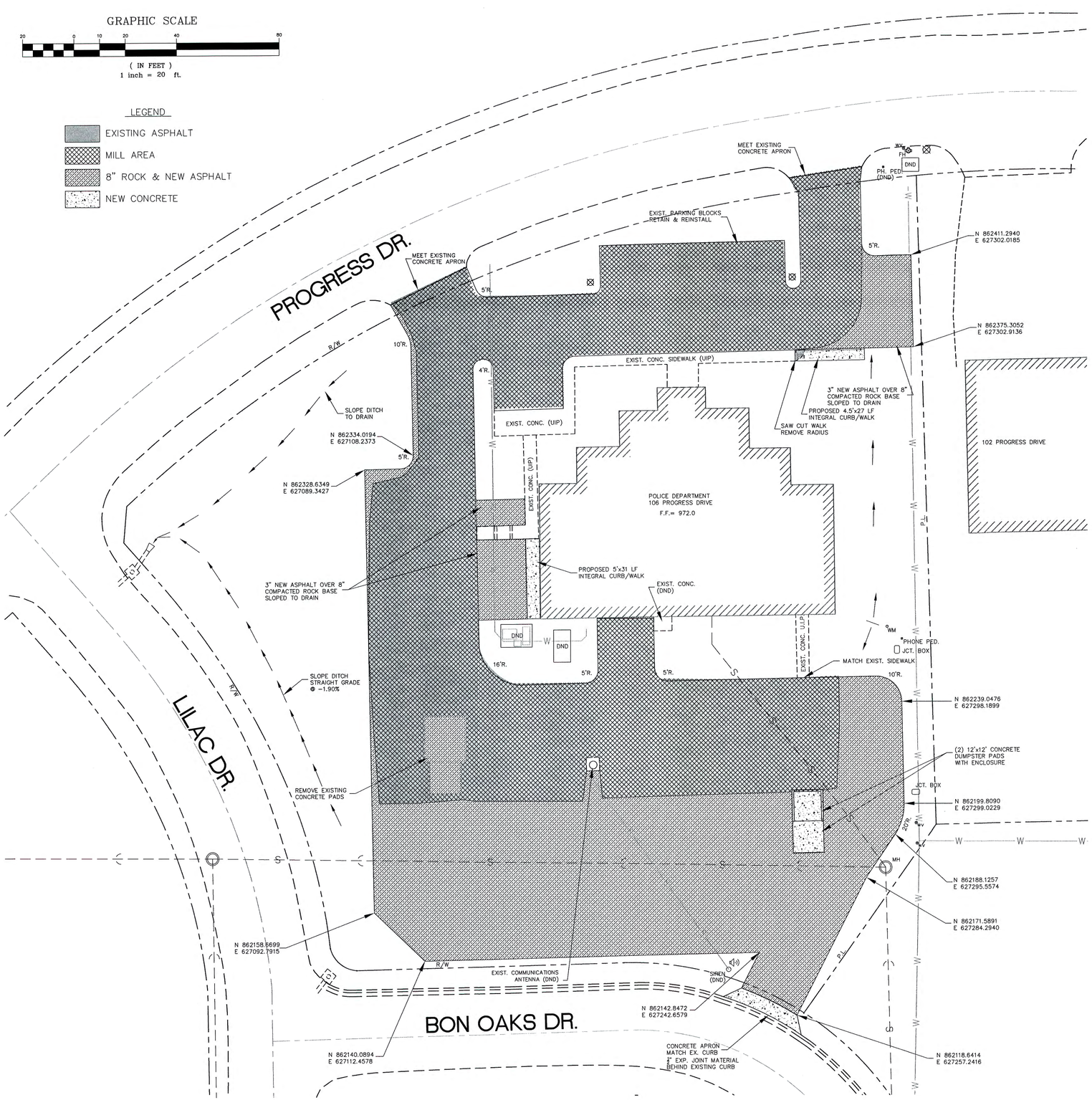
GRAPHIC SCALE

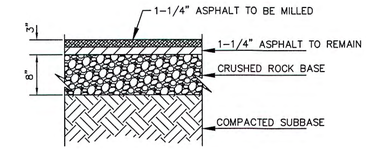
20 0 10 20 40 80

( IN FEET )
1 inch = 20 ft.

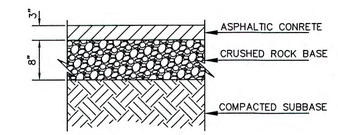
LEGEND

- EXISTING ASPHALT
- MILL AREA
- 8" ROCK & NEW ASPHALT
- NEW CONCRETE

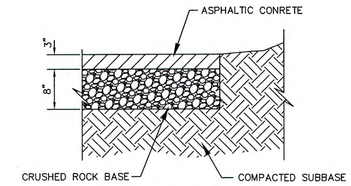


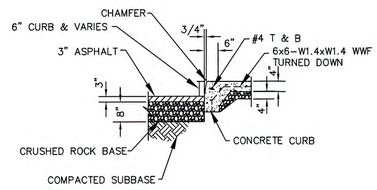

MILLING/PAVING SECTION
N.T.S.



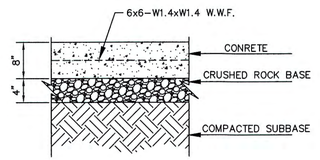

PAVING SECTION
N.T.S.




ASPHALT PAVING @ EARTH
N.T.S.




INTEGRAL CONCRETE CURBWALK
N.T.S.




CONCRETE TRASH PAD
N.T.S.

BID OPTION 2

PAVEMENT MILLING AREA (1-1/4" DEPTH): 2,215 SQ. YD.
NEW 1-1/4" ASPHALT OVERLAY AREA: 2,215 SQ. YD.
8" ROCK SUB-BASE AREA: 1,700 SQ. YD.
NEW 3" ASPHALT AREA: 1,700 SQ. YD.
12'x24' (6" THICK) DUMPSTER PAD CONCRETE AREA: 32 SQ. YD.
12'x24' (6" THICK) DUMPSTER PAD ROCK BASE AREA: 32 SQ. YD.
ENTRANCE APRON (8" THICK) CONCRETE AREA: 18 SQ. YD.
ENTRANCE APRON (4" THICK) ROCK BASE AREA: 18 SQ. YD.
SIDEWALK (4" THICK) CONCRETE AREA: 33 SQ. YD.
SIDEWALK (4" THICK) ROCK BASE AREA: 33 SQ. YD.
4" WHITE WATERBORNE STRIPING PAINT: 1,750 LF

REVISIONS BY

STATE OF MISSOURI
ROBERT J. SCHAFFER
NUMBER E-29444
1/24/20
REGISTERED PROFESSIONAL ENGINEER

PROJECT FOR:
POLICE DEPARTMENT PARKING LOT
SULLIVAN, MISSOURI

PLAN - BID OPTION 2

SULLIVAN MISSOURI
"Values and Tradition - Vision and Progress"


210 W. WASHINGTON
SULLIVAN, MO. 63080
PH: 573-468-8865
FAX: 573-468-8864


DRAWN BY: DG
CHECKED BY: RS
DATE: 1/17/2020
SCALE: 1"= 20'
PROJECT No. 13017
FILE: 13017base
SHEET 3
OF 5 SHEETS

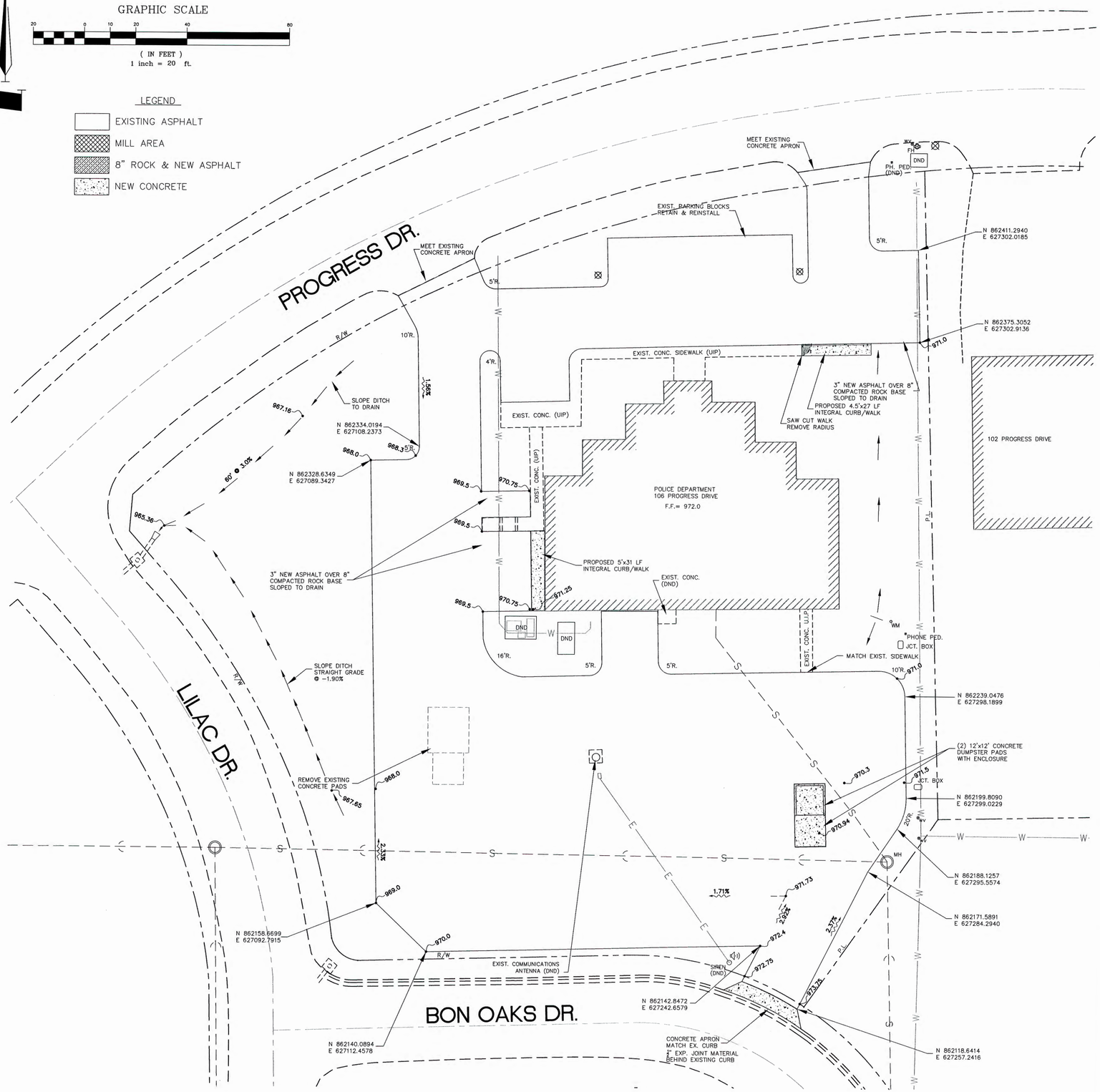
GRAPHIC SCALE

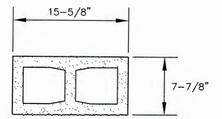
20 0 10 20 40 80

( IN FEET )
1 inch = 20 ft.

LEGEND

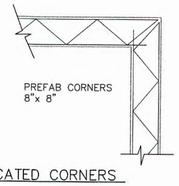
- EXISTING ASPHALT
- MILL AREA
- 8" ROCK & NEW ASPHALT
- NEW CONCRETE




8"x8"x16" SPLIT FACE CONCRETE BLOCK

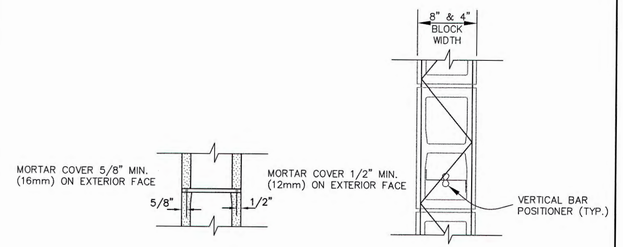
BLOCK DETAIL



PREFAB CORNERS 8"x 8"

PREFABRICATED CORNERS

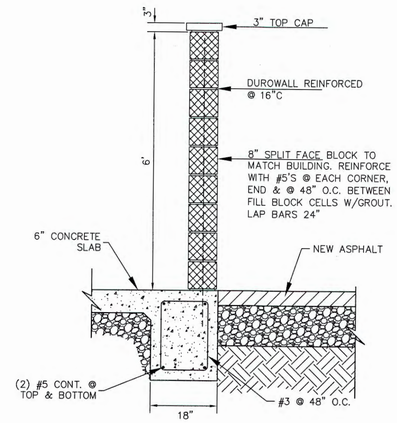
ASTM STANDARD SPECIFICATION FOR COLD DRAWN STEEL FOR CONCRETE REINFORCEMENT, ASTM A82, ALL DUR-O-WAL STEEL (1.50 oz.)




REINFORCEMENT CENTERING AND PLACEMENT

PLACE JOINT REINFORCEMENT DIRECTLY ON MASONRY AND PLACE MORTAR OVER WIRE TO FORM BED JOINT.

SPLICES:
SIDE RODS SHOULD BE LAPPED 6" (152mm) AT SPLICES IN ORDER TO PROVIDE ADEQUATE CONTINUITY OF THE REINFORCEMENT WHEN SUBJECTED TO NORMAL SHRINKAGE STRESSES.




TYPICAL WALL SECTION
N.T.S.

NOTE: WEEP HOLE(S) TO DRAIN AS REQ'D.

| REVISIONS | BY |
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STATE OF MISSOURI
ROBERT J. SCHAFFER
NUMBER E-29444
1/20/2020
REGISTERED PROFESSIONAL ENGINEER

PROJECT FOR:
SULLIVAN, MISSOURI

POLICE DEPARTMENT PARKING LOT

GRADING PLAN and DETAILS - BID OPTION 2

SULLIVAN MISSOURI
"Values and Tradition - Vision and Progress"


210 W. WASHINGTON
SULLIVAN, MO 63080
PH: 573-468-8965
FAX: 573-468-8964


| | |
|---|---|
| DRAWN BY: | DG |
| CHECKED BY: | RS |
| DATE: | 1/17/2020 |
| SCALE: | 1"= 20' |
| PROJECT No. | 13017 |
| FILE: | 13017base |
| SHEET | 4 |
| | OF 5 SHEETS |

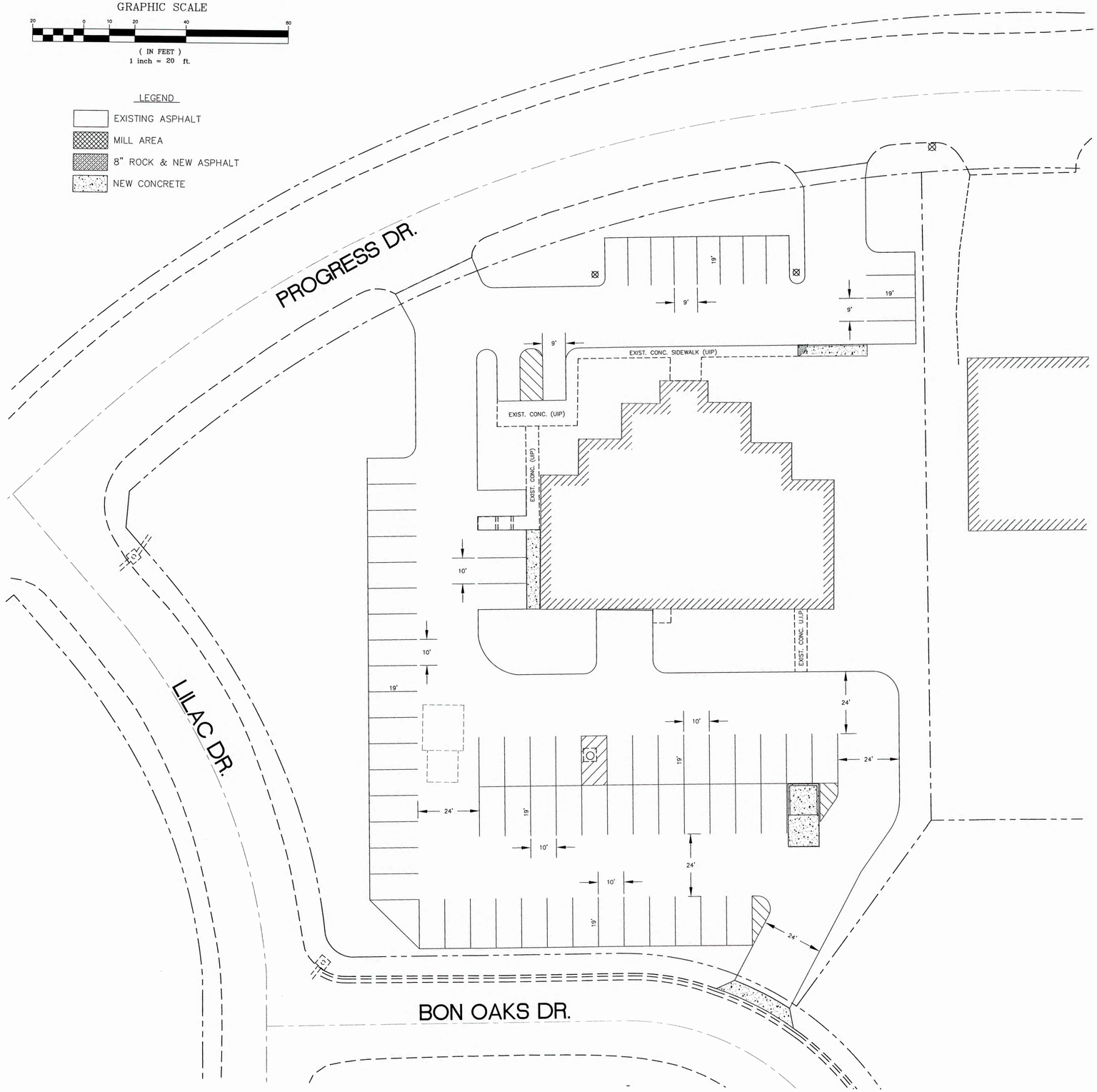
GRAPHIC SCALE

20 0 10 20 40 60

( IN FEET )
1 inch = 20 ft.

LEGEND

- EXISTING ASPHALT
- MILL AREA
- 8" ROCK & NEW ASPHALT
- NEW CONCRETE




| REVISIONS | BY |
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STATE OF MISSOURI
ROBERT J. SCHAFFER
NUMBER E-29444
1/29/20
REGISTERED PROFESSIONAL ENGINEER

PROJECT FOR:
# POLICE DEPARTMENT PARKING LOT
SULLIVAN, MISSOURI

## STRIPING PLAN - BID OPTION 2

SULLIVAN MISSOURI
"Values and Tradition – Vision and Progress"


210 W. WASHINGTON
SULLIVAN, MO. 63080
PH: 573-468-8965
FAX: 573-468-8964


| | |
|---|---|
| DRAWN BY: | DG |
| CHECKED BY: | RS |
| DATE: | 1/17/2020 |
| SCALE: | 1"= 20' |
| PROJECT No. | 13017 |
| FILE: | 13017base |
| SHEET | 5 |
| | OF 5 SHEETS |