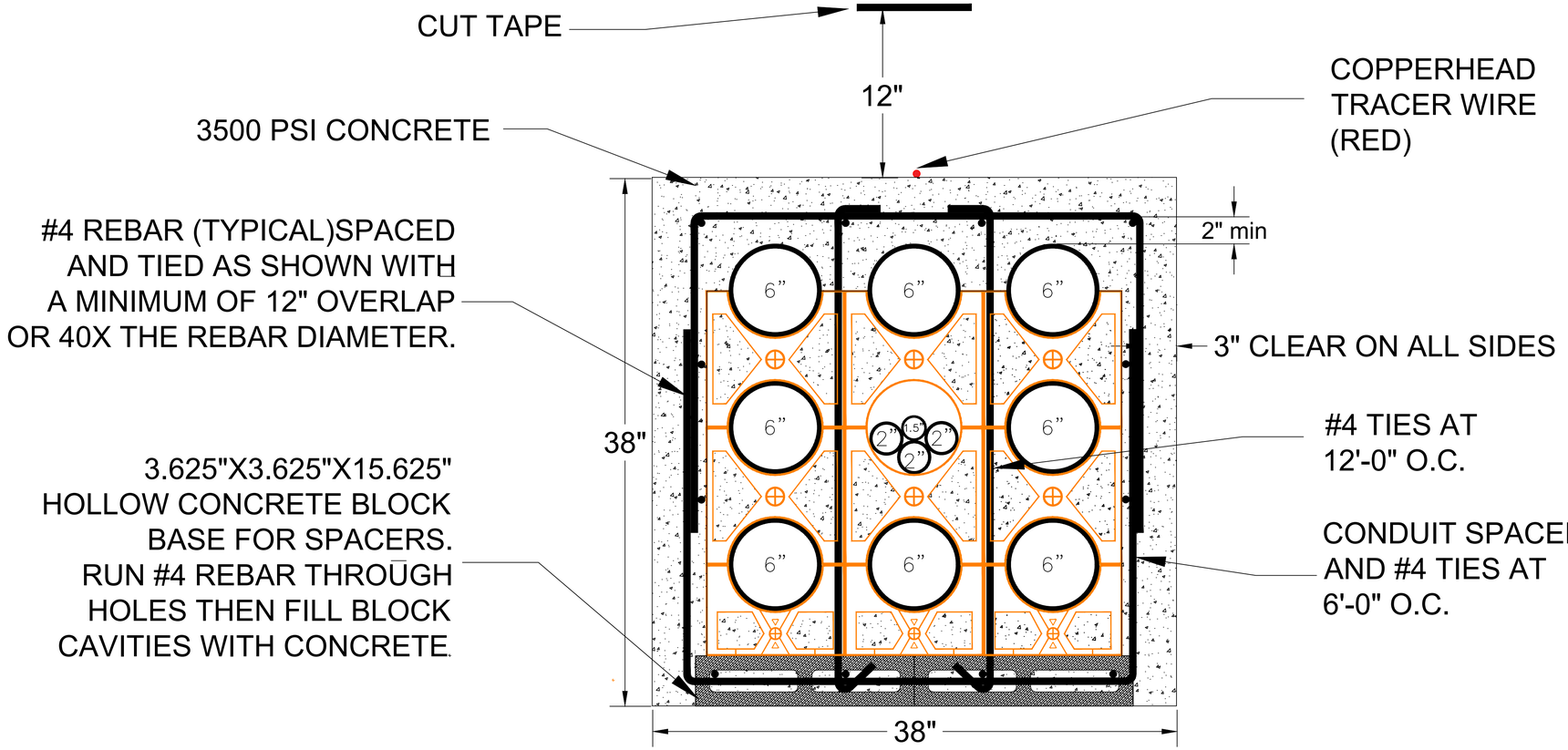
APPENDIX C

Duct Bank Details

Last Updated 11/01/2022

APPLY SOLOMAN APPLE RED DYE #417 IN LIQUID FORM TO TOP OF CONCRETE. PLACE SAFETY/CUT TAPE 12" ABOVE THE DUCTBANK.



NOTES

1. DESIGNED WITH CANTEX 5336040 6" NOMINAL WITH 3" SEPARATION. IF OTHER SPACERS ARE USED A SHOP DRAWING IS REQUIRED TO VERIFY DUCTBANK DIMENSIONS AND INTEGRITY.

2. STRAP CONDUIT TO SUPPORTS USING PLASTIC CABLE TIES. DO NOT USE WIRE.

3. TRACER WIRE SHALL COMPLY WITH SECTION 2-2-D-e OF THE ENGINEERING DESIGN GUIDELINES. OSU STANDARD IS COPPERHEAD # 1230R-HS* (* SPOOL SIZE).

Facilities Managment
Energy Services
220 Central Plant
Phone: (405) 744-7131
Fax: (405) 744-5044

OKLAHOMA STATE UNIVERSITY
ENGINEERING DESIGN GUIDELINES

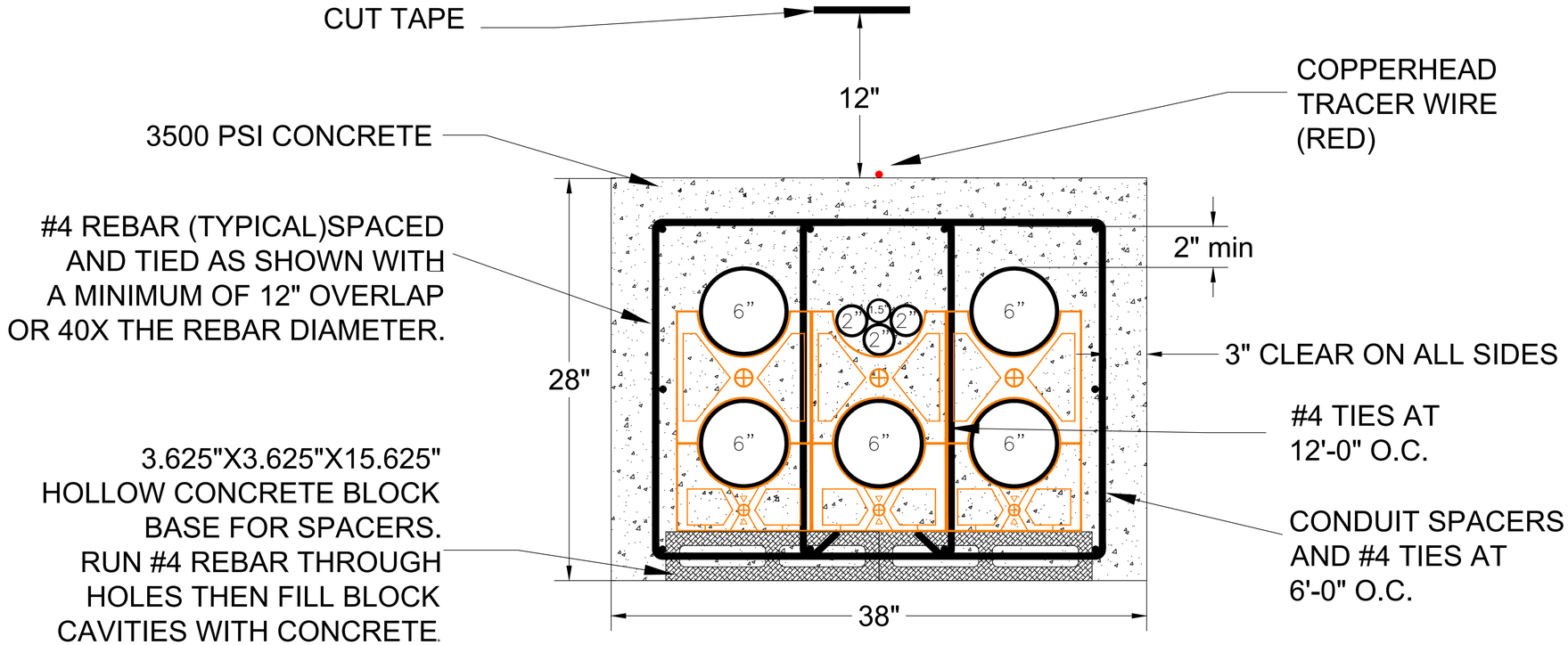
DATE	ISSUE
4/26/2019	REV 01
2/5/2022	REV 02

DRAWN BY: AG
CHECKED BY:
APPROVED BY:
DATE:
PROJECT #:
SCALE: NTS

PRIMARY DUCT BANK PROFILE AND NOTES

SHEET NUMBER
01

APPLY SOLOMAN APPLE RED
DYE #417 IN LIQUID FORM TO
TOP OF CONCRETE.
PLACE SAFETY/CUT TAPE 12"
ABOVE THE DUCTBANK.



NOTES

1. DESIGNED WITH CANTEX 5336040 6" NOMINAL WITH 3" SEPARATION. IF OTHER SPACERS ARE USED A SHOP DRAWING IS REQUIRED TO VERIFY DUCTBANK DIMENSIONS AND INTEGRITY.

2. STRAP CONDUIT TO SUPPORTS USING PLASTIC CABLE TIES. DO NOT USE WIRE.

3. TRACER WIRE SHALL COMPLY WITH SECTION 2-2-D-e OF THE ENGINEERING DESIGN GUIDELINES. OSU STANDARD IS COPPERHEAD # 1230R-HS* (* SPOOL SIZE).

Facilities
Managment
Energy Services
220 Central Plant
Phone: (405) 744-7131
Fax: (405) 744-5044

OKLAHOMA STATE UNIVERSITY
ENGINEERING DESIGN GUIDELINES

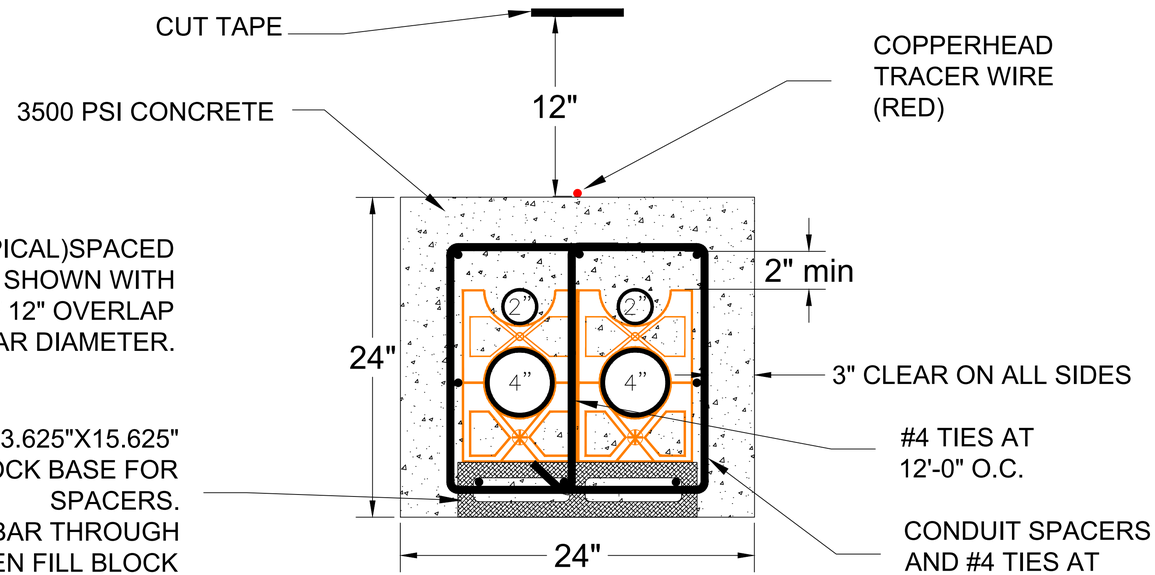
DATE	ISSUE
5/8/2019	REV 01
2/5/2022	REV 02

DRAWN BY: AG
CHECKED BY:
APPROVED BY:
DATE:
PROJECT #:
SCALE: NTS

SMALL PRIMARY
DUCT BANK
PROFILE AND
NOTES

SHEET NUMBER
02

APPLY SOLOMAN APPLE RED DYE
#417 IN LIQUID FORM TO TOP OF
CONCRETE.
PLACE SAFETY/CUT TAPE 12" ABOVE
THE DUCTBANK.



NOTES

1. DESIGNED WITH CANTEX 5335969 4" NOMINAL WITH 3" SEPARATION. IF OTHER SPACERS ARE USED A SHOP DRAWING IS REQUIRED TO VERIFY DUCTBANK DIMENSIONS AND INTEGRITY.

2. STRAP CONDUIT TO SUPPORTS USING PLASTIC CABLE TIES. DO NOT USE WIRE.

3. TRACER WIRE SHALL COMPLY WITH SECTION 2-2-D-e OF THE ENGINEERING DESIGN GUIDELINES. OSU STANDARD IS COPPERHEAD # 1230R-HS* (* SPOOL SIZE).

Facilities
Managment
Energy Services
220 Central Plant
Phone: (405) 744-7131
Fax: (405) 744-5044

OKLAHOMA STATE UNIVERSITY
ENGINEERING DESIGN GUIDELINES

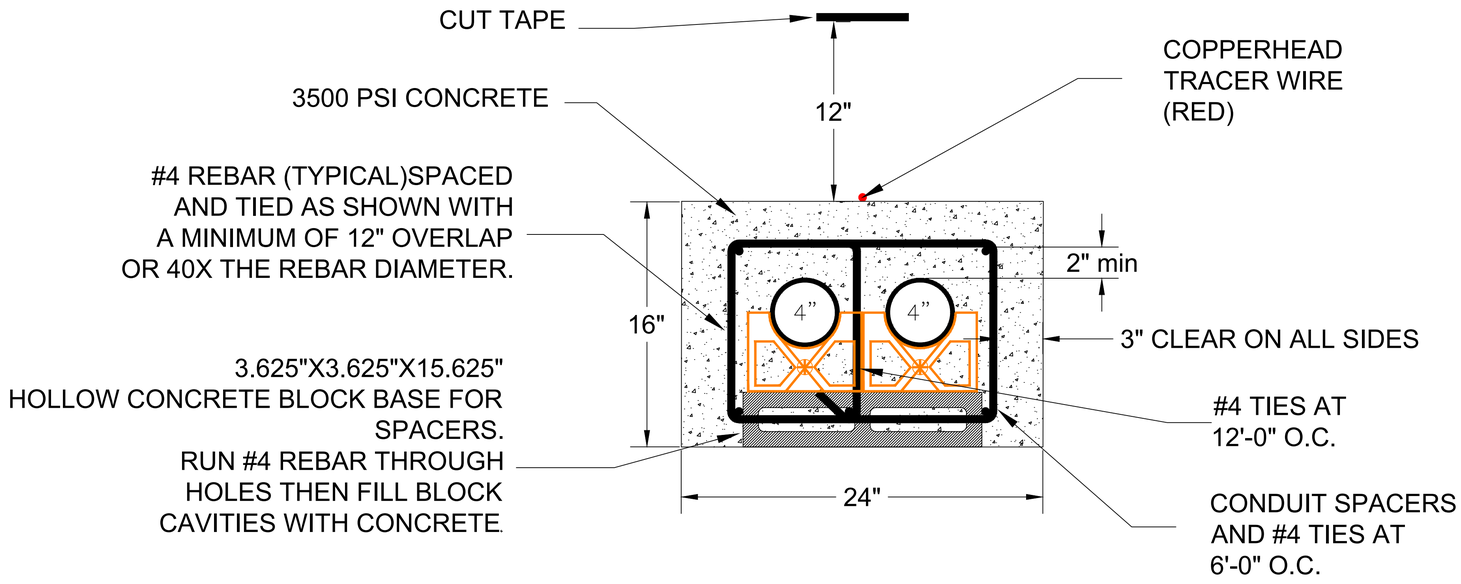
DATE	ISSUE
5/8/2019	REV 01
2/5/2022	REV 02

DRAWN BY: AG
CHECKED BY:
APPROVED BY:
DATE:
PROJECT #:
SCALE: NTS

PRIMARY SERVICE
DUCT BANK
PROFILE AND
NOTES

SHEET NUMBER
03

APPLY SOLOMAN APPLE RED DYE
#417 IN LIQUID FORM TO TOP OF
CONCRETE.
PLACE SAFETY/CUT TAPE 12" ABOVE
THE DUCTBANK.



NOTES

1. DESIGNED WITH CANTEX 5335969 4" NOMINAL WITH 3" SEPARATION. IF OTHER SPACERS ARE USED A SHOP DRAWING IS REQUIRED TO VERIFY DUCTBANK DIMENSIONS AND INTEGRITY.

2. STRAP CONDUIT TO SUPPORTS USING PLASTIC CABLE TIES. DO NOT USE WIRE.

3. TRACER WIRE SHALL COMPLY WITH SECTION 2-2-D-e OF THE ENGINEERING DESIGN GUIDELINES. OSU STANDARD IS COPPERHEAD # 1230R-HS* (* SPOOL SIZE).

Facilities
Managment
Energy Services
220 Central Plant
Phone: (405) 744-7131
Fax: (405) 744-5044

OKLAHOMA STATE UNIVERSITY
ENGINEERING DESIGN GUIDELINES

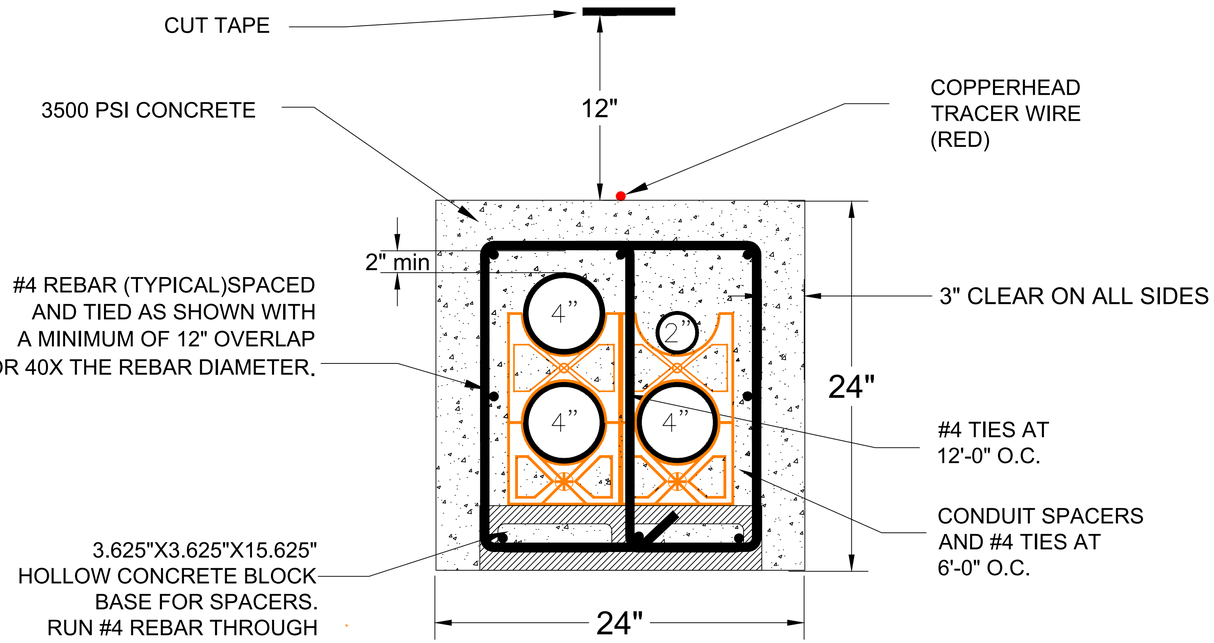
DATE	ISSUE
4/29/2019	REV 01
2/5/2022	REV 02

DRAWN BY: AG
CHECKED BY:
APPROVED BY:
DATE:
PROJECT #:
SCALE: NTS

SMALL PRIMARY
SERVICE DUCT
BANK PROFILE
AND NOTES

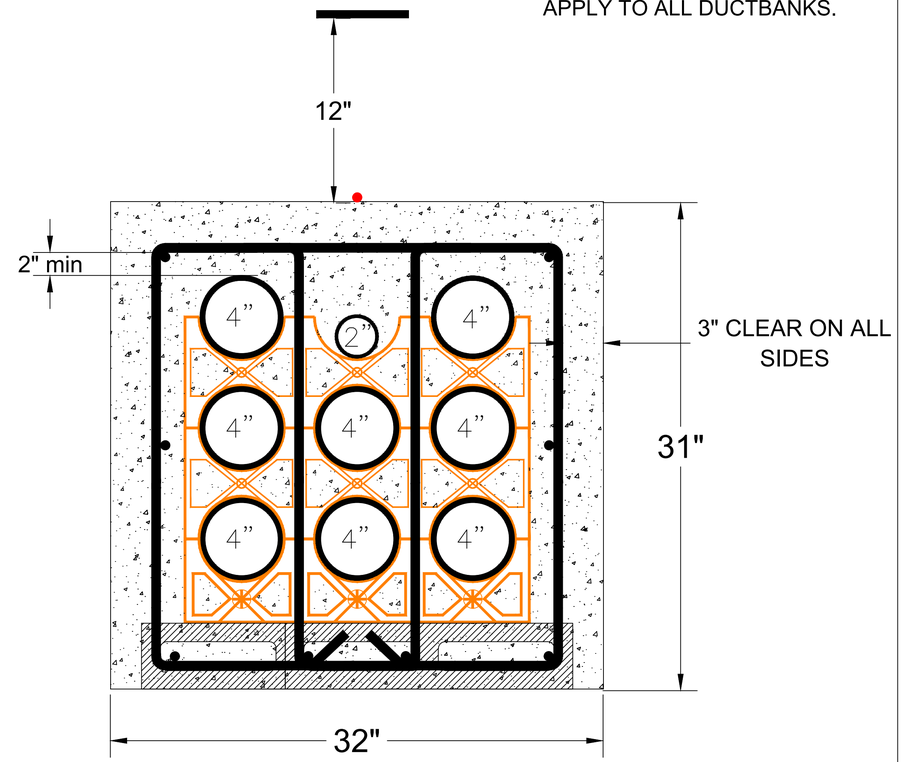
SHEET NUMBER
04

APPLY SOLOMAN APPLE RED DYE #417 IN LIQUID FORM TO TOP OF CONCRETE. PLACE SAFETY/CUT TAPE 12" ABOVE THE DUCTBANK.



SMALL SECONDARY DUCTBANK

NOTE:
ALL NOTES AND CALLOUTS APPLY TO ALL DUCTBANKS.



LARGE SECONDARY DUCTBANK

NOTES

1. DESIGNED WITH CANTEX 5335969 4" NOMINAL WITH 3" SEPARATION. IF OTHER SPACERS ARE USED A SHOP DRAWING IS REQUIRED TO VERIFY DUCTBANK DIMENSIONS AND INTEGRITY.
2. STRAP CONDUIT TO SUPPORTS USING PLASTIC CABLE TIES. DO NOT USE WIRE.
3. TRACER WIRE SHALL COMPLY WITH SECTION 2-2-D-e OF THE ENGINEERING DESIGN GUIDELINES. OSU STANDARD IS COPPERHEAD # 1230R-HS* (* SPOOL SIZE).
4. THE DUCTBANK PROFILES SHOWN HERE ARE TYPICAL OF ALL DUCTBANK REQUIREMENTS WITH ADDITIONAL STEEL, CONCRETE BLOCK AND CONCRETE FOR THE LARGER DUCTBANK.
5. THIS DUCTBANK DESIGN IS REQUIRED FOR SERVICES GREATER THAN 10 FEET IN LENGTH FROM THE TRANSFORMER TO THE BUILDING.
6. DUCTBANK UNDER THE TRANSFORMER BASE SHALL BE BEDDED IN SAND.

Facilities Managment
Energy Services
220 Central Plant
Phone: (405) 744-7131
Fax: (405) 744-5044

OKLAHOMA STATE UNIVERSITY
ENGINEERING DESIGN GUIDELINES

DATE	ISSUE
8/5/2019	REV 01
8/14/2020	REV 02
2/5/2022	REV 03

DRAWN BY: AG
CHECKED BY:
APPROVED BY:
DATE:
PROJECT #:
SCALE: NTS

SECONDARY DUCT BANK PROFILE AND NOTES

SHEET NUMBER
05