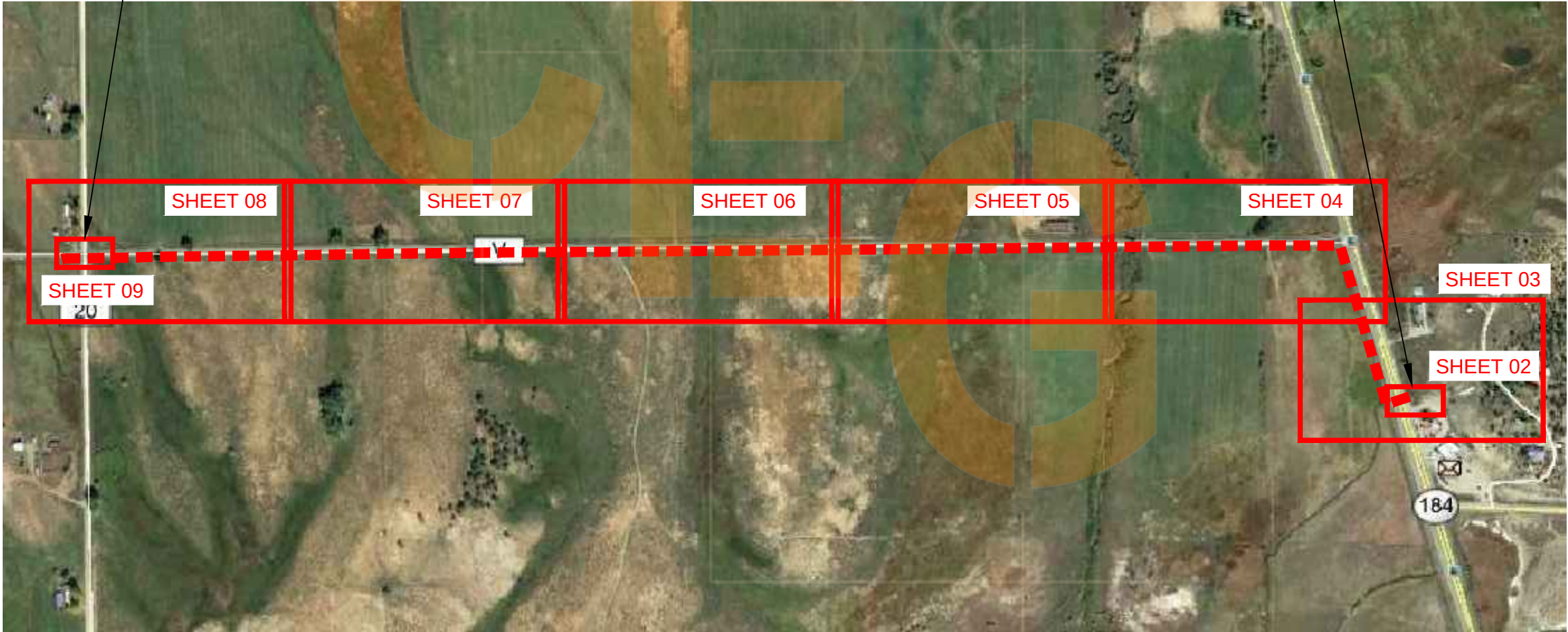
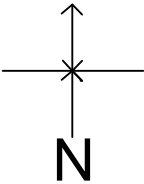




PERMITS REQUIRED:
- MONTEZUMA
COUNTY
- CDOT

-	FIRST ISSUE	03.03.18	MP	SM
No.	Revision	Date	By	Ckd

GPS START COORDINATES
37.484262°
-108.662554°



PROJECT: N.238724

PRINT ON TALBOID/ANSI B

REMARKS: GENERAL LOCATION LAYOUT

SCALE: 1:6000



DESIGNED BY: BONFIRE E&C
TELEPHONE: 720-507-9005
FIELD ENGINEER: STEVE MOZINGO
TELEPHONE: 970-749-4380

JOB: N.238724
GEO. CODE: -
WC CLLI: -
ISS# - ISS DATE: -

SEE SHEET 3

PROPOSED NEW F/O CABLE

BF0-48,
DD,49-60
LG01, 61-69
DD, 65-96

1+03 18806 HWY

PROPOSED 2" BF0-48,
DD,49-60
LG01, 61-69
DD, 65-96

HWY 491

RNDJ

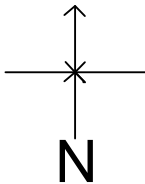
0+00 HH 071880

+50' LOOP
IN HANDHOLE

BORE 70'

1. PLACE 6655' OF 2" INNER-DUCT AND FIBER FROM EXISTING CTL H/H 071880 AT HWY 491 TO PROPOSED HH AT X BOX 079050 AT CO RD 20.
2. (F) PLACE FIBER MARKERS LINE OF SIGHT
3. FIBER TO BE PLACED @ 36" DEPTH PER STATE AND COUNTY SPECIFICATION (AT CO RD 20 & HWY 491)
4. FIBER TO BE PLACED @ 48" DEPTH PER STATE AND COUNTY SPECIFICATION (AT HWY491)
5. PLACE 30x48x36 HAND HOLE WITH COIL 50' FIBER LOOP IN HH FOR SPLICING
6. CUT & RESTORE GRAVEL DRIVES

GPS START COORDINATES
37.484262°
-108.662554°



PROJECT: N.238724

PRINT ON TALBOID/ANSI B

REMARKS: FIBER LINE FROM HH 070280 AT LEBANON RD TO XBOX 076150 AT HWY 184

SCALE: 1:200



DESIGNED BY: BONFIRE E&C
TELEPHONE: 720-507-9005
FIELD ENGINEER: STEVE MOZINGO
TELEPHONE: 406-802-4288

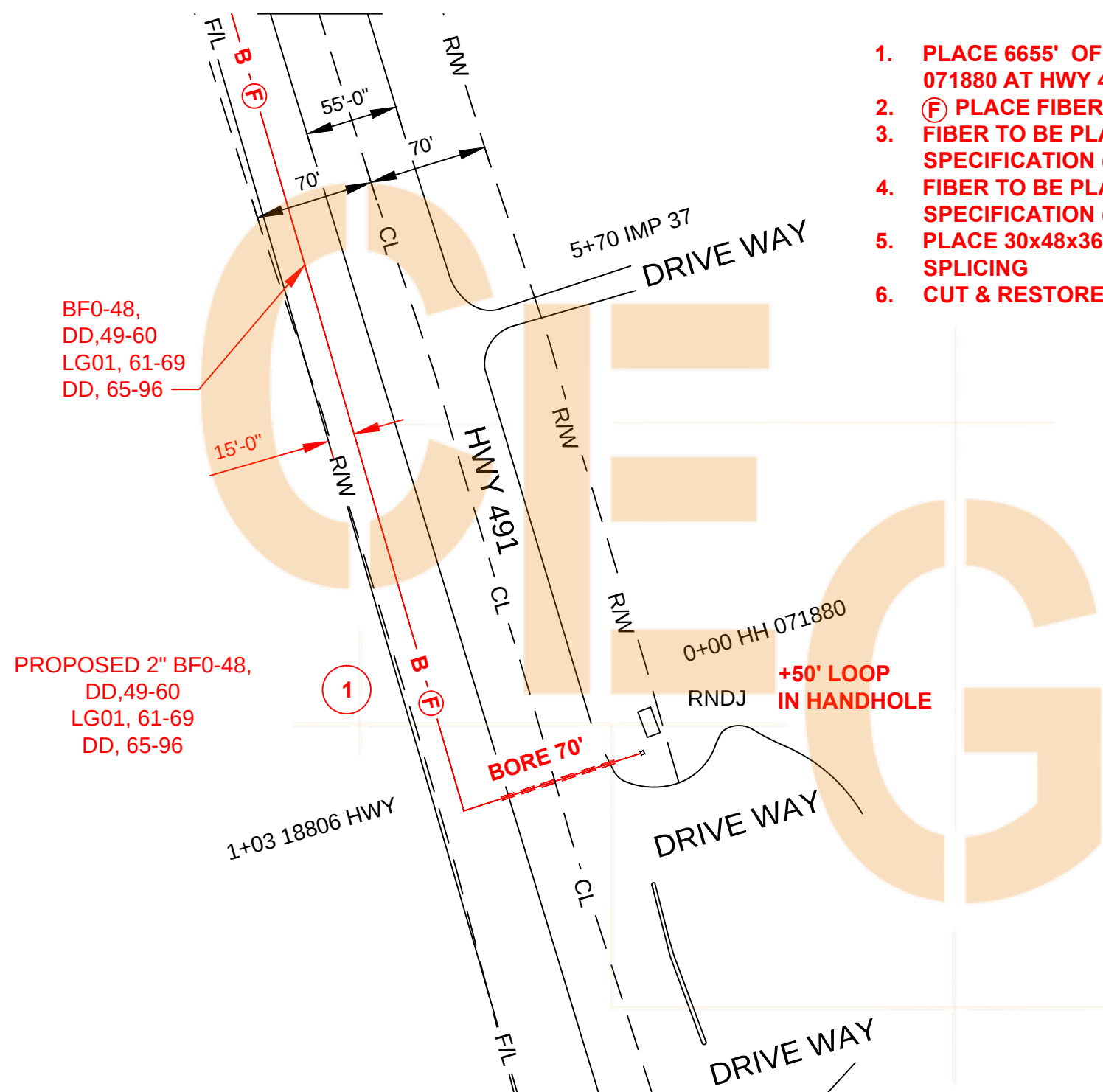
JOB: N.238724
GEO. CODE: -
WC CLLI: -
ISS# -

ISS DATE: -

SH 02 OF 10

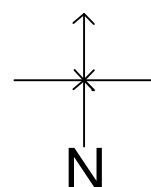
-	FIRST ISSUE	03.03.18	MP	SM
No.	Revision	Date	By	Ckd

SEE SHEET 4



1. PLACE 6655' OF 2" INNER-DUCT AND FIBER FROM EXISTING CTL H/H 071880 AT HWY 420 TO PROPOSED HH AT X BOX 079050 AT CO RD 20.
2. ⑥ PLACE FIBER MARKERS LINE OF SIGHT
3. FIBER TO BE PLACED @ 36" DEPTH PER STATE AND COUNTY SPECIFICATION (AT CO RD 20 & HWY 491)
4. FIBER TO BE PLACED @ 48" DEPTH PER STATE AND COUNTY SPECIFICATION (AT HWY491)
5. PLACE 30x48x36 HAND HOLE WITH COIL 50' FIBER LOOP IN HH FOR SPLICING
6. CUT & RESTORE GRAVEL DRIVES

-	FIRST ISSUE	03.03.18	MP	SM
No.	Revision	Date	By	Ckd



PROJECT: N.238724

PRINT ON TALBOID/ANSI B

REMARKS: FIBER LINE FROM CTL H/H 071880 AT HWY 491 TO HH AT X BOX 079050 AT CO RD 20 SCALE: 1:1000



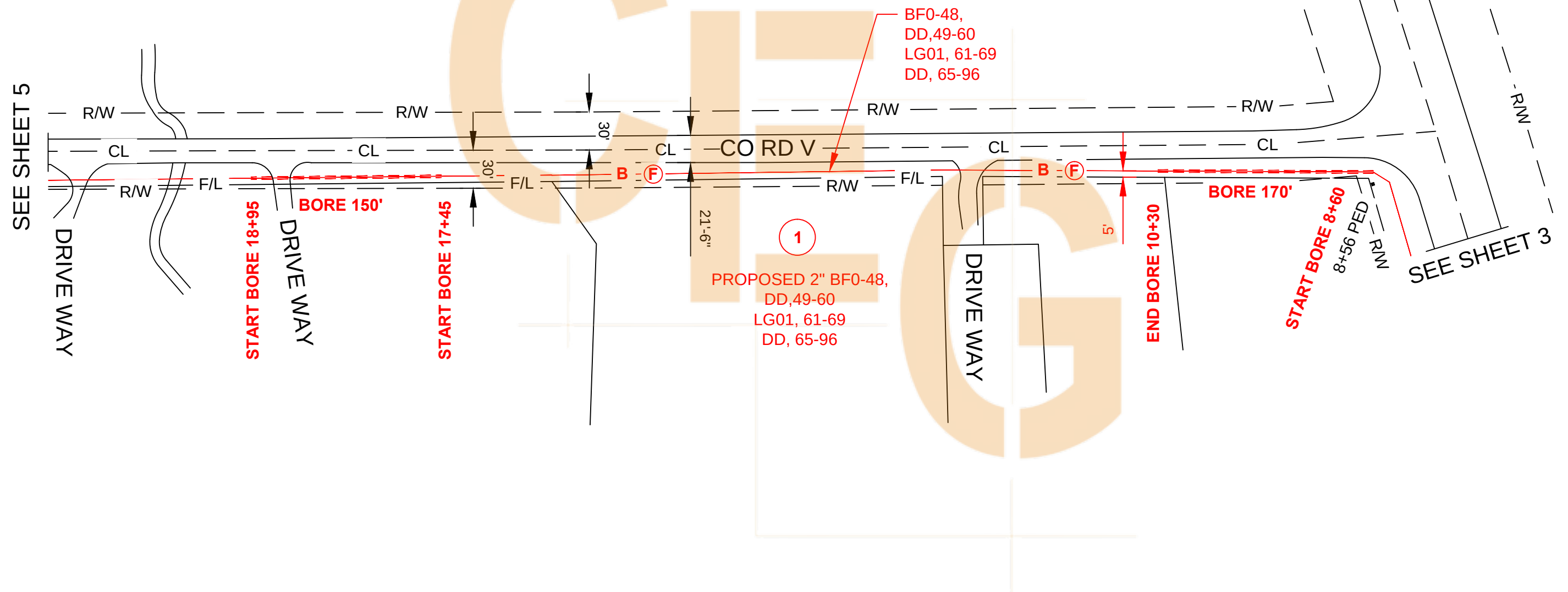
DESIGNED BY: BONFIRE E&C
TELEPHONE: 720-507-9005
FIELD ENGINEER: STEVE MOZINGO
TELEPHONE: 406-802-4288

JOB: N.238724
GEO. CODE: -
WC CLLI: -
ISS# - ISS DATE: -

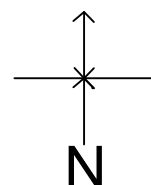
SH 03 OF 10

PROPOSED NEW F/O CABLE

1. PLACE 6655' OF 2" INNER-DUCT AND FIBER FROM EXISTING CTL H/H 071880 AT HWY 491 TO PROPOSED HH AT X BOX 079050 AT CO RD 20.
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6. CUT & RESTORE GRAVEL DRIVES



-	FIRST ISSUE	03.03.18	MP	SM
No.	Revision	Date	By	Ckd



PROJECT: N.238724

PRINT ON TALBOID/ANSI B

REMARKS: FIBER LINE FROM CTL H/H 071880 AT HWY 491 TO HH AT X BOX 079050 AT CO RD 20 SCALE: 1:1000



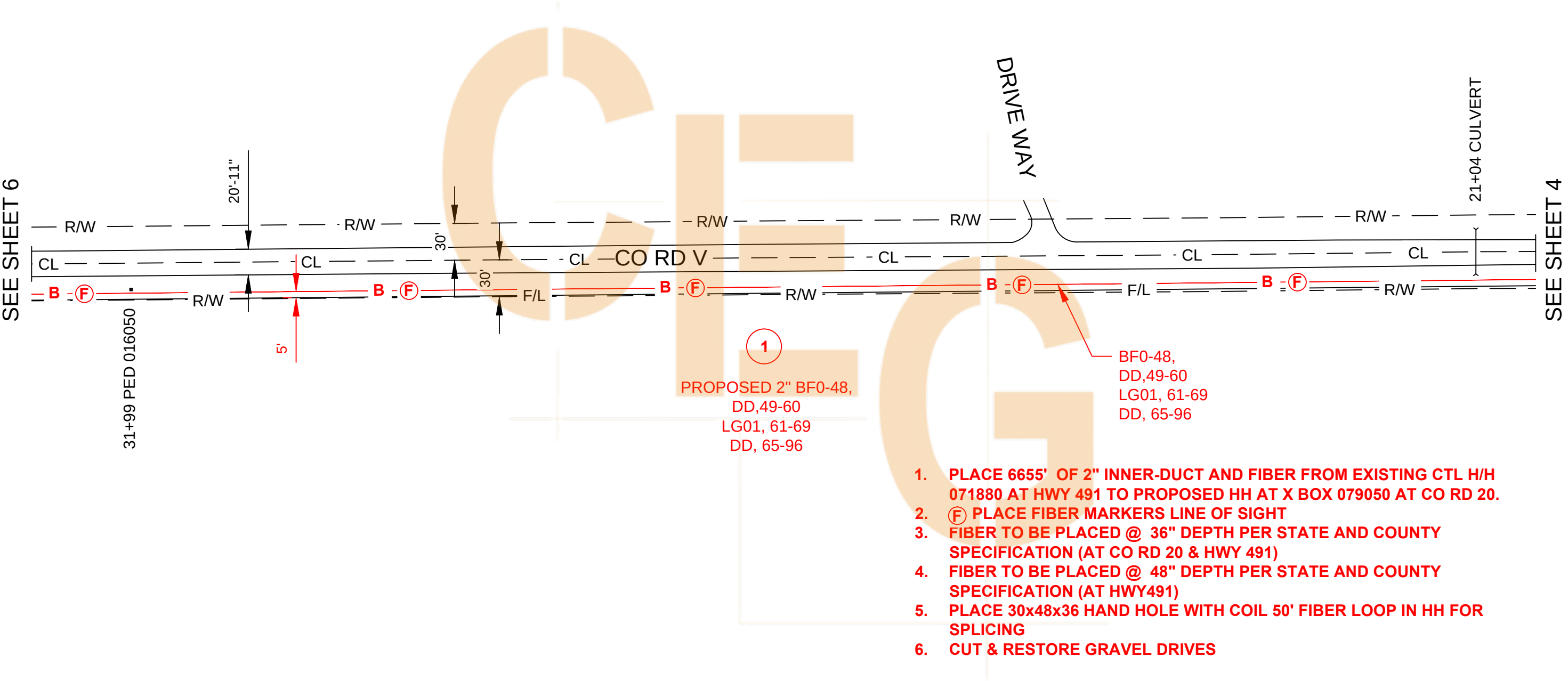
DESIGNED BY: BONFIRE E&C
TELEPHONE: 720-507-9005
FIELD ENGINEER: STEVE MOZINGO
TELEPHONE: 406-802-4288

JOB: N.238724
GEO. CODE: -
WC CLLI: -
ISS# -

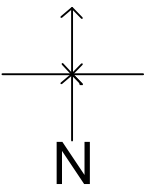
ISS DATE: -

SH 04 OF 10

PROPOSED NEW F/O CABLE



1. PLACE 6655' OF 2" INNER-DUCT AND FIBER FROM EXISTING CTL H/H 071880 AT HWY 491 TO PROPOSED HH AT X BOX 079050 AT CO RD 20.
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PROJECT: N.238724

PRINT ON TALBOLD/ANSI B

REMARKS: FIBER LINE FROM CTL H/H 071880 AT HWY 491 TO HH AT X BOX 079050 AT CO RD 20 SCALE: 1:1000



DESIGNED BY: BONFIRE E&C
TELEPHONE: 720-507-9005
FIELD ENGINEER: STEVE MOZINGO
TELEPHONE: 406-802-4288

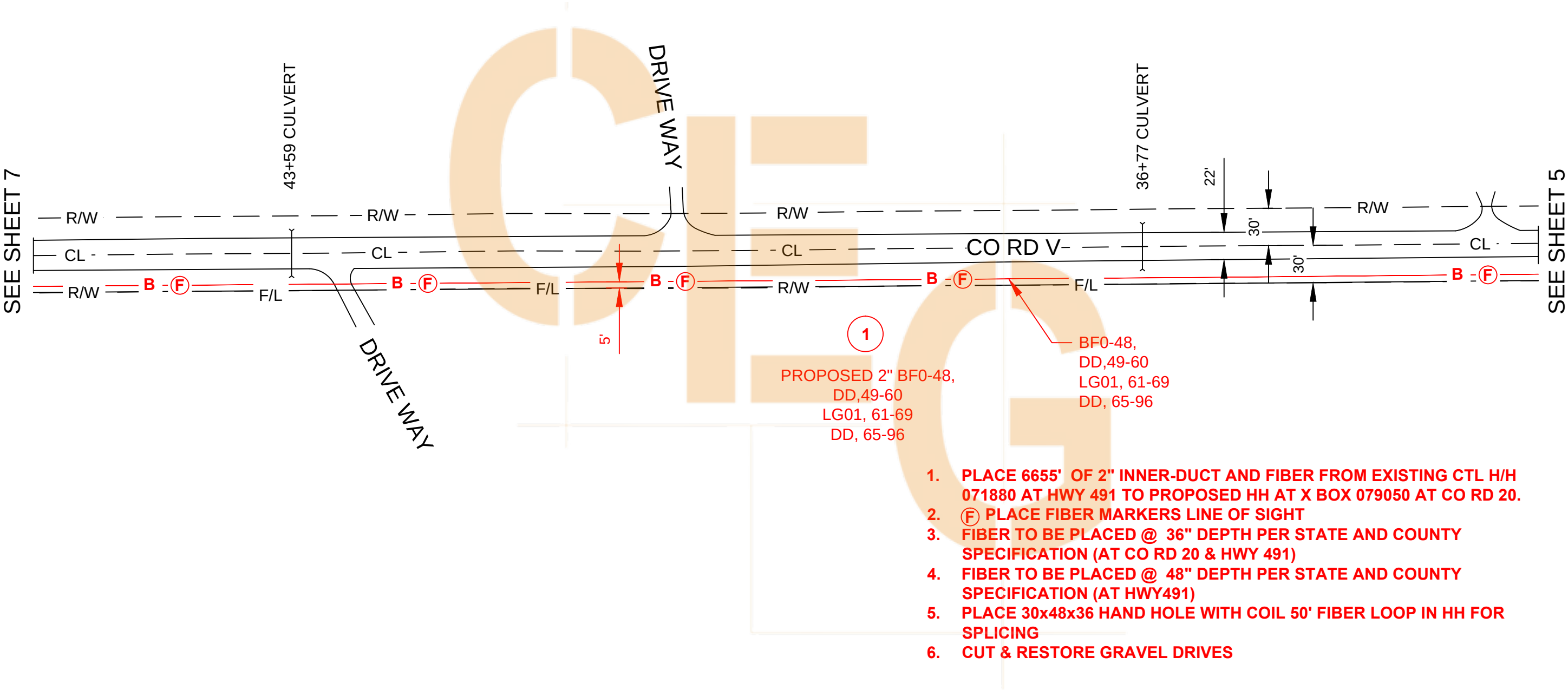
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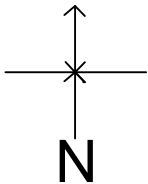
SH 05 OF 10

-	FIRST ISSUE	03.03.18	MP	SM
No.	Revision	Date	By	Ckd

PROPOSED NEW F/O CABLE



-	FIRST ISSUE	03.03.18	MP	SM
No.	Revision	Date	By	Ckd



PROJECT: N.238724

PRINT ON TALBOID/ANSI B

REMARKS: FIBER LINE FROM CTL H/H 071880 AT HWY 491 TO HH AT X BOX 079050 AT CO RD 20 SCALE: 1:1000



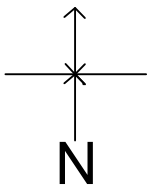
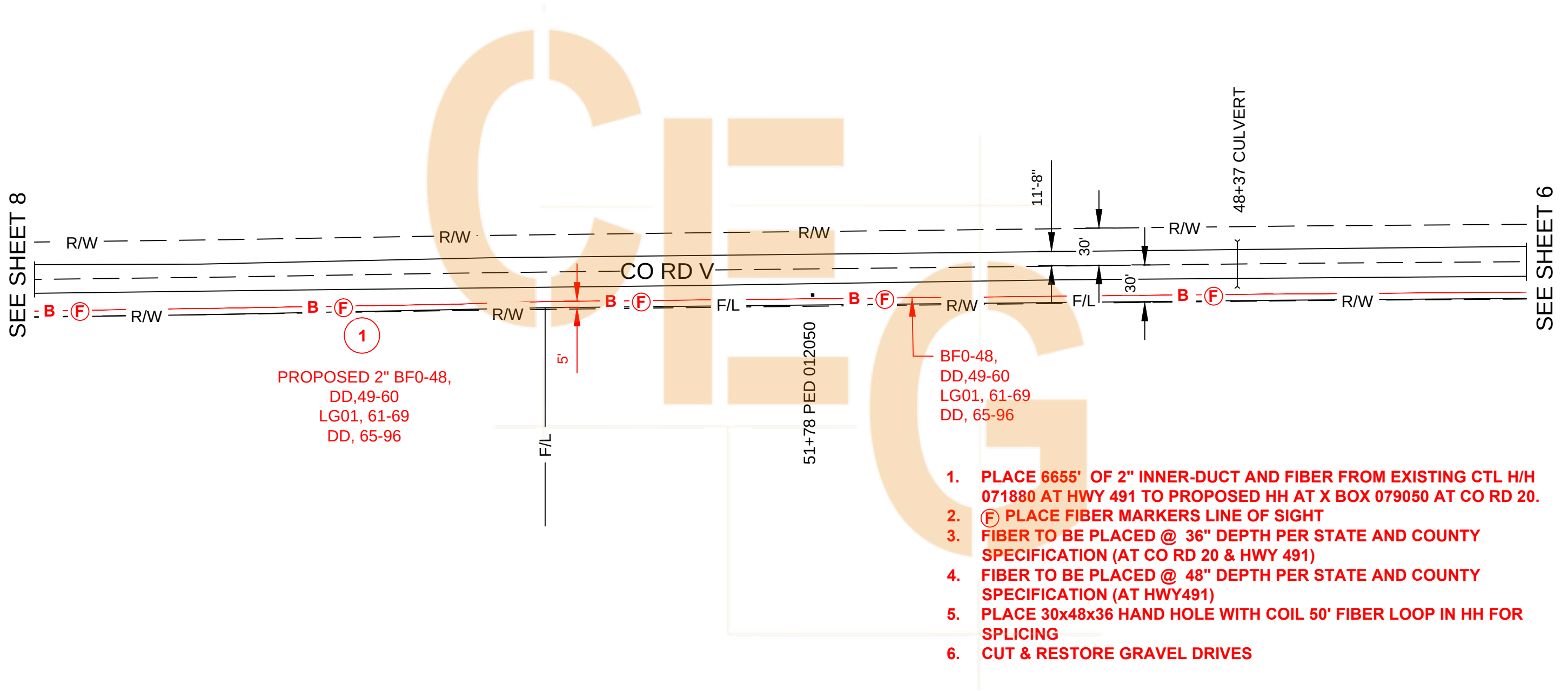
DESIGNED BY: BONFIRE E&C
TELEPHONE: 720-507-9005
FIELD ENGINEER: STEVE MOZINGO
TELEPHONE: 406-802-4288

JOB: N.238724
GEO. CODE: -
WC CLLI: -
ISS# -

ISS DATE: -

SH 06 OF 10

PROPOSED NEW F/O CABLE



PROJECT: N.238724

PRINT ON TALBOID/ANSI B

REMARKS: FIBER LINE FROM CTL H/H 071880 AT HWY 491 TO HH AT X BOX 079050 AT CO RD 20 SCALE: 1:1000



DESIGNED BY: BONFIRE E&C
TELEPHONE: 720-507-9005
FIELD ENGINEER: STEVE MOZINGO
TELEPHONE: 406-802-4288

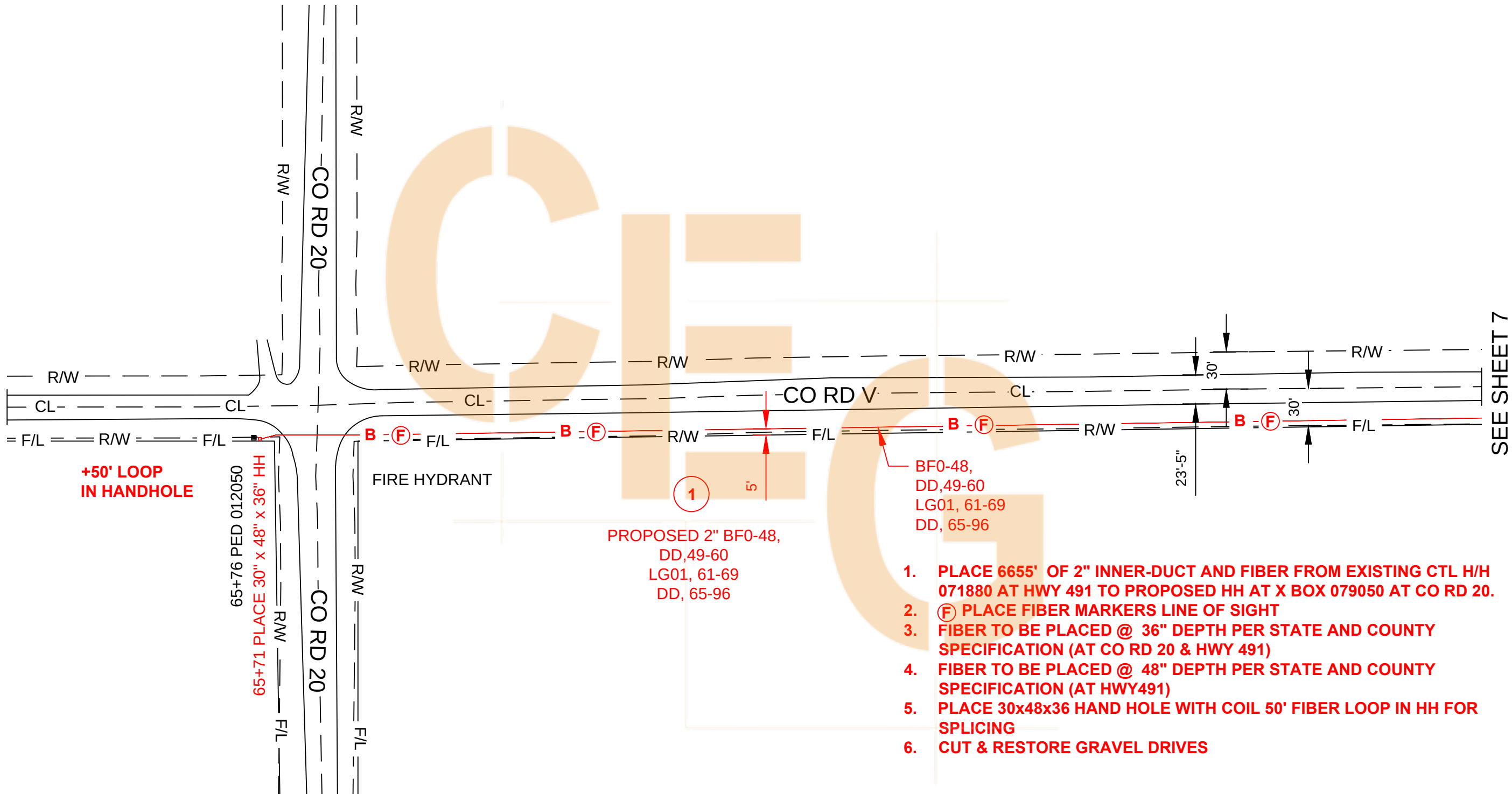
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GEO. CODE: -
WC CLLI: -
ISS# -

ISS DATE: -

SH 07 OF 10

-	FIRST ISSUE	03.03.18	MP	SM
No.	Revision	Date	By	Ckd

PROPOSED NEW F/O CABLE



SEE SHEET 7

+50' LOOP
IN HANDHOLE

65+76 PED 012050
65+71 PLACE 30" x 48" x 36" HH

FIRE HYDRANT

PROPOSED 2" BF0-48,
DD,49-60
LG01, 61-69
DD, 65-96

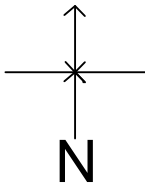
BF0-48,
DD,49-60
LG01, 61-69
DD, 65-96

1. PLACE 6655' OF 2" INNER-DUCT AND FIBER FROM EXISTING CTL H/H 071880 AT HWY 491 TO PROPOSED HH AT X BOX 079050 AT CO RD 20.
2. (F) PLACE FIBER MARKERS LINE OF SIGHT
3. FIBER TO BE PLACED @ 36" DEPTH PER STATE AND COUNTY SPECIFICATION (AT CO RD 20 & HWY 491)
4. FIBER TO BE PLACED @ 48" DEPTH PER STATE AND COUNTY SPECIFICATION (AT HWY491)
5. PLACE 30x48x36 HAND HOLE WITH COIL 50' FIBER LOOP IN HH FOR SPLICING
6. CUT & RESTORE GRAVEL DRIVES

PROJECT: N.238724

PRINT ON TALBOID/ANSI B

REMARKS: FIBER LINE FROM CTL H/H 071880 AT HWY 491 TO HH AT X BOX 079050 AT CO RD 20 SCALE: 1:1000



DESIGNED BY: BONFIRE E&C
TELEPHONE: 720-507-9005
FIELD ENGINEER: STEVE MOZINGO
TELEPHONE: 406-802-4288

JOB: N.238724
GEO. CODE: -
WC CLLI: -
ISS# -

ISS DATE: -

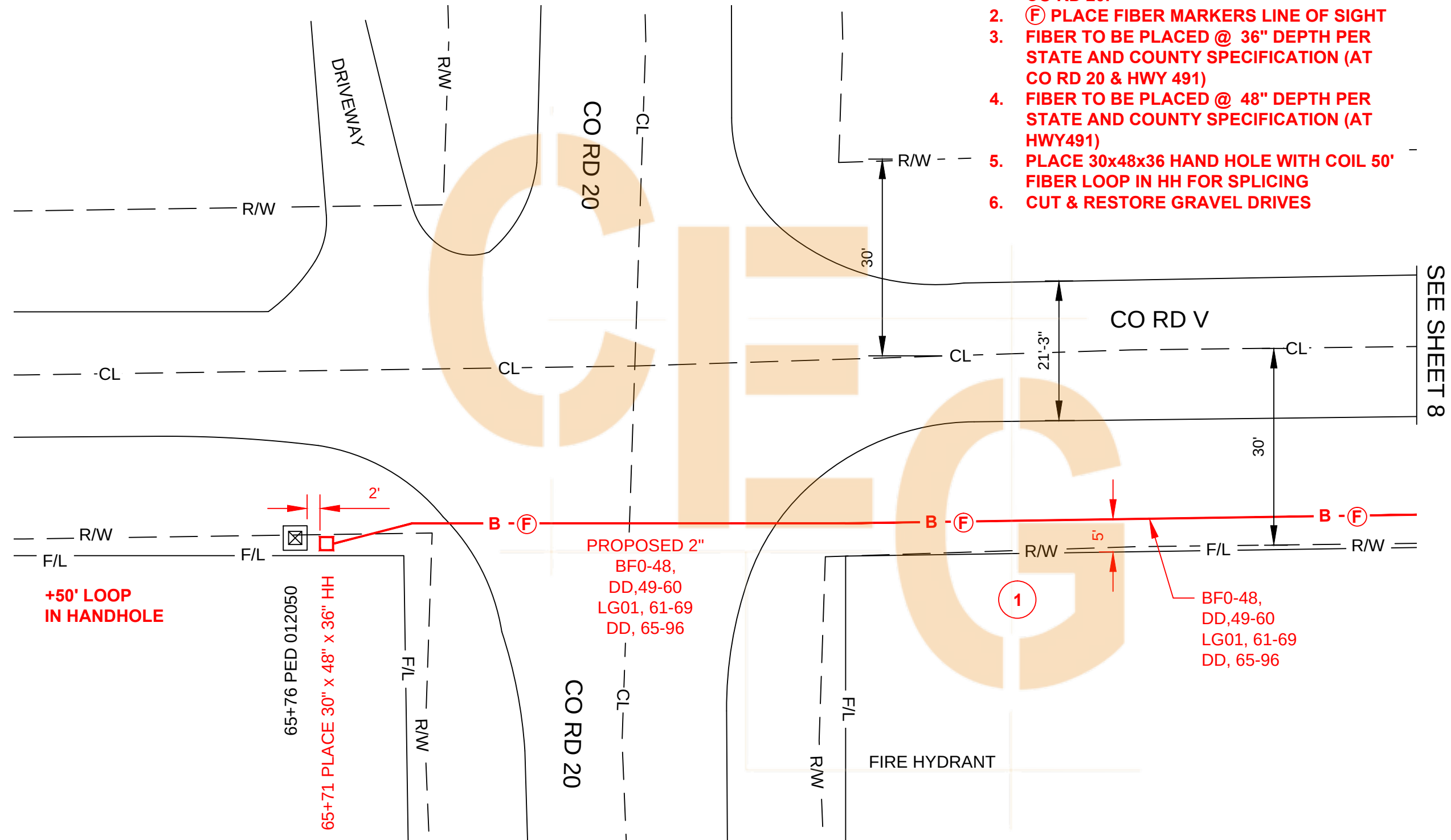
SH 08 OF 10

-	FIRST ISSUE	03.03.18	MP	SM
No.	Revision	Date	By	Ckd

PROPOSED NEW F/O CABLE

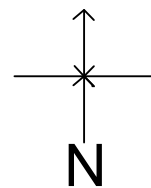


1. PLACE 6655' OF 2" INNER-DUCT AND FIBER FROM EXISTING CTL H/H 071880 AT HWY 491 TO PROPOSED HH AT X BOX 079050 AT CO RD 20.
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6. CUT & RESTORE GRAVEL DRIVES



SEE SHEET 8

GPS END COORDINATES
37.48608
-108.68343



PROJECT: N.238724

PRINT ON TALBOID/ANSI B

REMARKS: FIBER LINE FROM CTL H/H 071880 AT HWY 491 TO HH AT X BOX 079050 AT CO RD 20 SCALE: 1:200



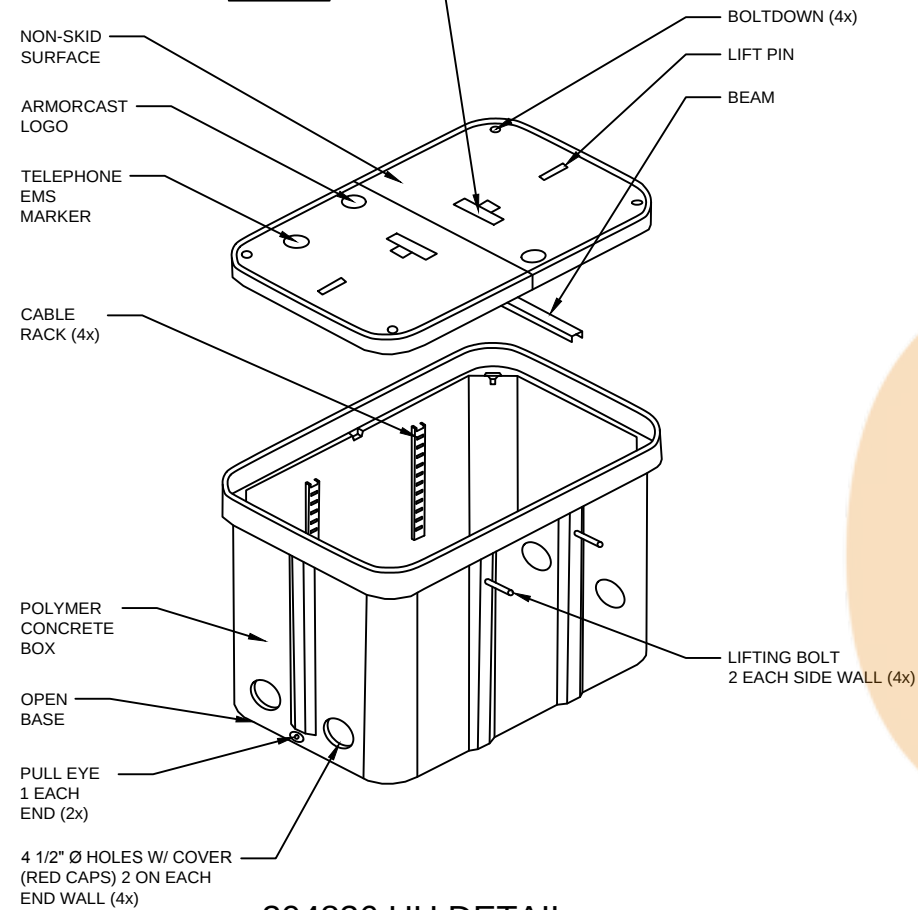
DESIGNED BY: BONFIRE E&C
TELEPHONE: 720-507-9005
FIELD ENGINEER: STEVE MOZINGO
TELEPHONE: 406-802-4288

JOB: N.238724
GEO. CODE: -
WC CLLI: -
ISS# -

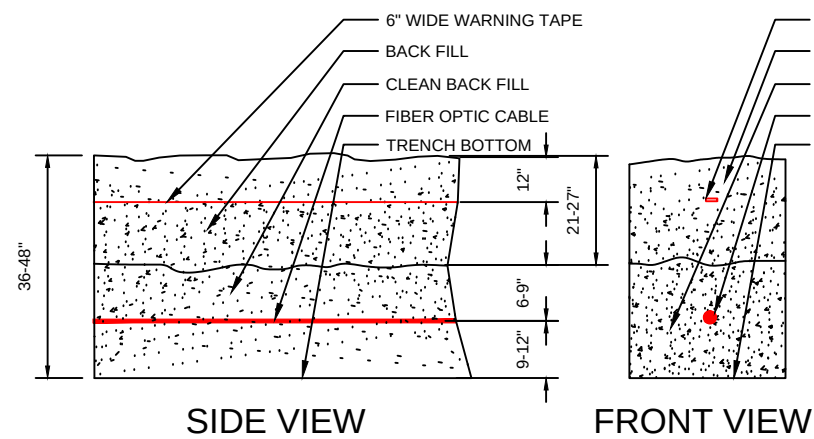
ISS DATE: -

SH 09 OF 10

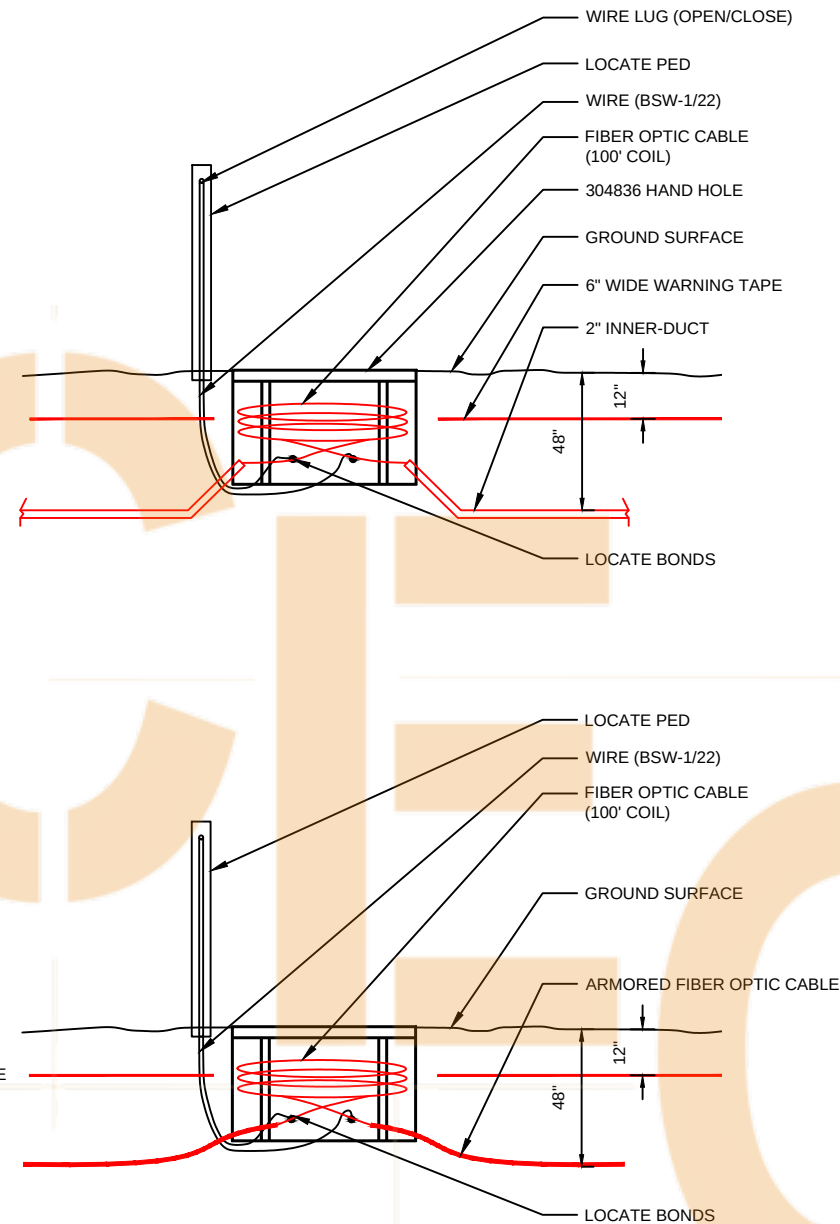
-	FIRST ISSUE	03.03.18	MP	SM
No.	Revision	Date	By	Ckd



304836 HH DETAIL

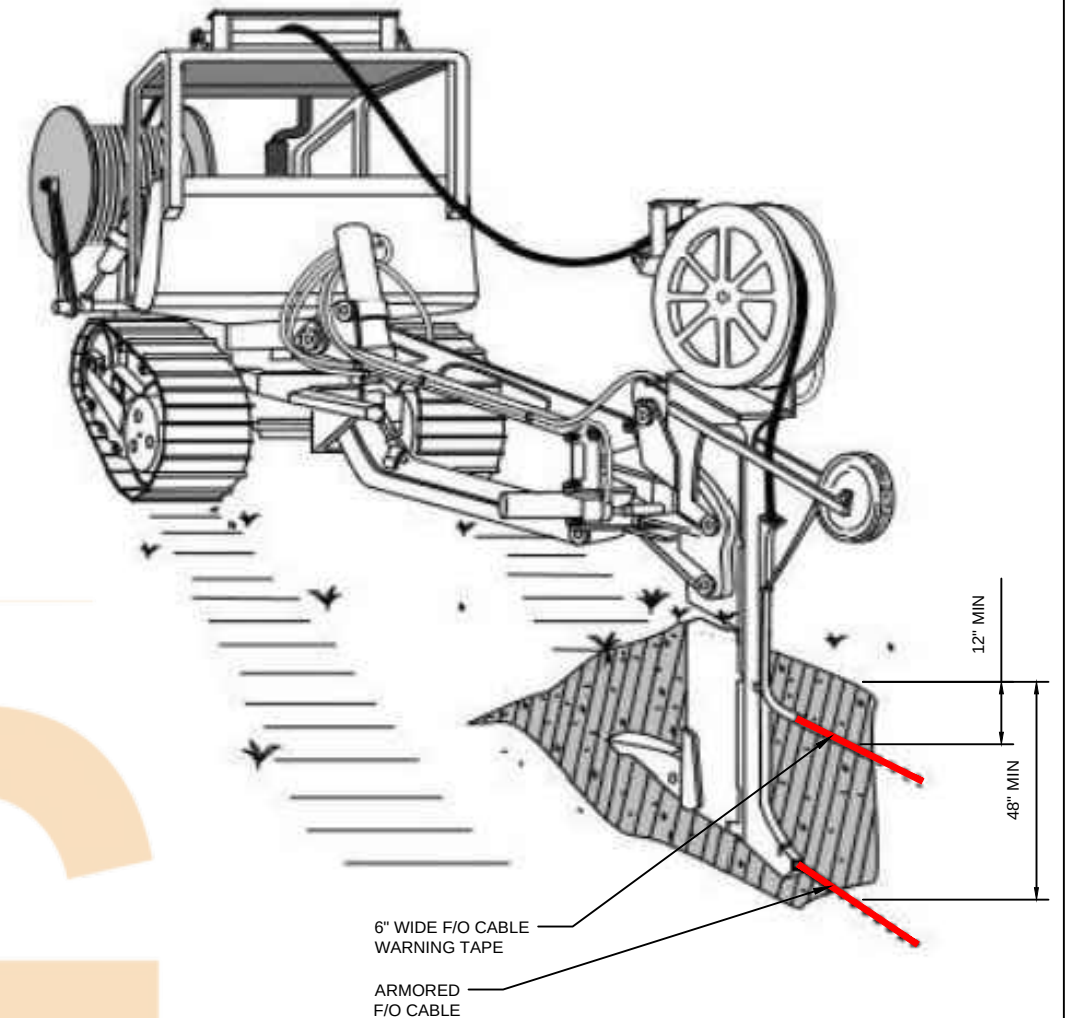


TYPICAL TRENCH INSTALLATION
DETAIL



LOCATE PED AND HANDHOLE
PROFILE

- NOTES:
- BACKFILL MUST MEET COUNTY OR STATE REQUIREMENTS SEE PERMITS FOR DETAILS:
 - SELECT BACKFILL MATERIAL
 - COMPACTION SPECIFICATIONS



TYPICAL PLOW INSTALLATION
DETAIL

MATERIAL ORDER

ITEM	TYPE	MAT. CODE	QUANTITY
BURIED FIBER	PC-54W2LT-072	1350546	6655'
2" CONDUIT	SDR11 CONDUIT	1346611	230'
HAND HOLE (3048)	30"x48"x36" HH	1337426	2

-	FIRST ISSUE	03.03.18	MP	SM
No.	Revision	Date	By	Ckd

PROJECT: N.238724

PRINT ON TALBOID/ANSI B

REMARKS: BURIED FIBER CABLE INSTALLATION - TYPICAL DETAILS

SCALE: NTS



DESIGNED BY: BONFIRE E&C
TELEPHONE: 720-507-9005
FIELD ENGINEER: STEVE MOZINGO
TELEPHONE: 406-802-4288

JOB: N.238724
GEO. CODE: -
WC CLLI: -
ISS# -

ISS DATE: -

SH 10 OF 10