

Project Description: PFP:IFP*:1210PA:6800 HIGHWAY 22:PL PFP



Optical Budget Calculator:			
CO XGSPON Optics			Class N2
Feeder Fiber Length (kft) from CO or Remote OLT:			28.3
Avg. Feeder Splicing Interval (kft) - This is NOT the number of splices:			2.0
FiberWise - Add SFCM7:	No	Optitip Connectors in lieu of splices:	2
FiberWise - Add SFCM6:	No	Distribution Length (kft) - PFP to FST:	11.7
Total Length:			40.0
Splitter Type:			1x32
Max. Feeder + Splitter EML - Engineered Measured Loss (dBm) for 1310 nm down-stream from distribution side of PFP splitter to OSP fiber panel at OLT location			22.8
Max. Feeder + Splitter EML - Engineered Measured Loss (dBm) for 1550 nm (XGSPON) 1490 nm (GPON) upstream from OSP fiber panel at OLT location to distribution side of PFP splitter			21.9
Distribution F2 EML - PFP to FST for 1310nm	3.8	Average OLT Laser Transmit Power (dBm)	5.5
Distribution F2 EML - PFP to FST for 1550nm (XGSPON)/1490nm (GPON)	3.4	Max CO EML - Engineered Measured Loss (dB) for 1550 nm downstream from OLT to northbound side of OSP fiber panel (Location "A" to "H" on Optical Budget Diagram)	1.9
Total EML OLT to FST for 1310nm	26.6	Estimated Downstream Power Threshold (dBm) at PFP splitter output (Location "Q" on Optical Budget Diagram)	-18.3
Total EML OLT to FST for 1550nm (XGSPON)/1490nm (GPON)	25.3	Estimated Downstream Power Threshold (dBm) at PFP splitter input (Location "N" on Optical Budget Diagram)	-0.9

THESE MILESTONES STEPS MUST BE PLACED FOR THE PLACEMENT OF THE PFP AND BULK COMPLETED IN ORCA WHEN THE WORK IS COMPLETED.

- 1

845C
1 PLMFIP
- 2

845C
1 PLMCAB
- 3

845C
1 PLMFIS
- 4

845C
1 PLMSP

CONTRACTOR INFORMATION
COMPANY : DRAFTPROS
DESIGNER : JOSH MORHAIM
EMAIL: JMORHAIM@DRAFTPROS.COM

PROJECT # A02SNQP		DATE SVC REQ'D 11/30/2024	
NPANNX 205665	GEO LOC 11681	CLLI mntvalnm	
PRIMARY ENGR.: RUSS, DENNIS E			
ENGR. ID: DR8424		PERMIT REQ'D.	N
PHONE #: 2057555015		PRINT 1	OF 4



- 1

FID: 45328312

(2017) 822C 784'

PC-5B12LT-288

G,1-36

<A01PHPL> C,37-40

MN003,41-60

G,61-288
- 2

FID: 45328314

(2005) 845C 635'

SP-54Q2BT-24

OF02,115-118

<A003DAM> MN003,115-116

<A003DAM> MN003,67-72

<A008Z0B> MN003,114-114

X,14-24
- 3

FID: 50886589

(2017) 822C 120'

SR-5B92MT-216

<A01PHPL> C,37-40 NC

(MN003,41-48) <A02SNQP> B,5-12

MN003,49-60 NC

B,25-216 NC

FID: 45328019

(2001) 822C 115'

AL-34Q2MT-048

OF02,97-100 NC

<9617454> X,5-6 NC

<7899276> A,7-8 NC

OF02,105-114 NC

<51C00911N> A,19-22 NC

<A00FPKM> D,23-24 NC

<A00ZC8C> D,25-26 NC

<9617454> MN003,113-113 NC

<A008Z0B> F,28-28 NC

<A003DAM> C,29-30 NC

<9617454> D,31-34 NC

<8029342> D,35-36 NC

(A,37-44) <A02SNQP> MN003,41-48

A,45-48 NC
- 4

FID: 45328019

(2010) 822C 107'

SR-5BQ2MT-024

<A00ZC8C> MN003,111-112

F,3-6

OF02,103-104

F,9-24
- 6

(2000) 822C 117'

AL-34Q2MT-036

OF02,97-100

<A003DAM> MN003,67-68

OF02,103-118

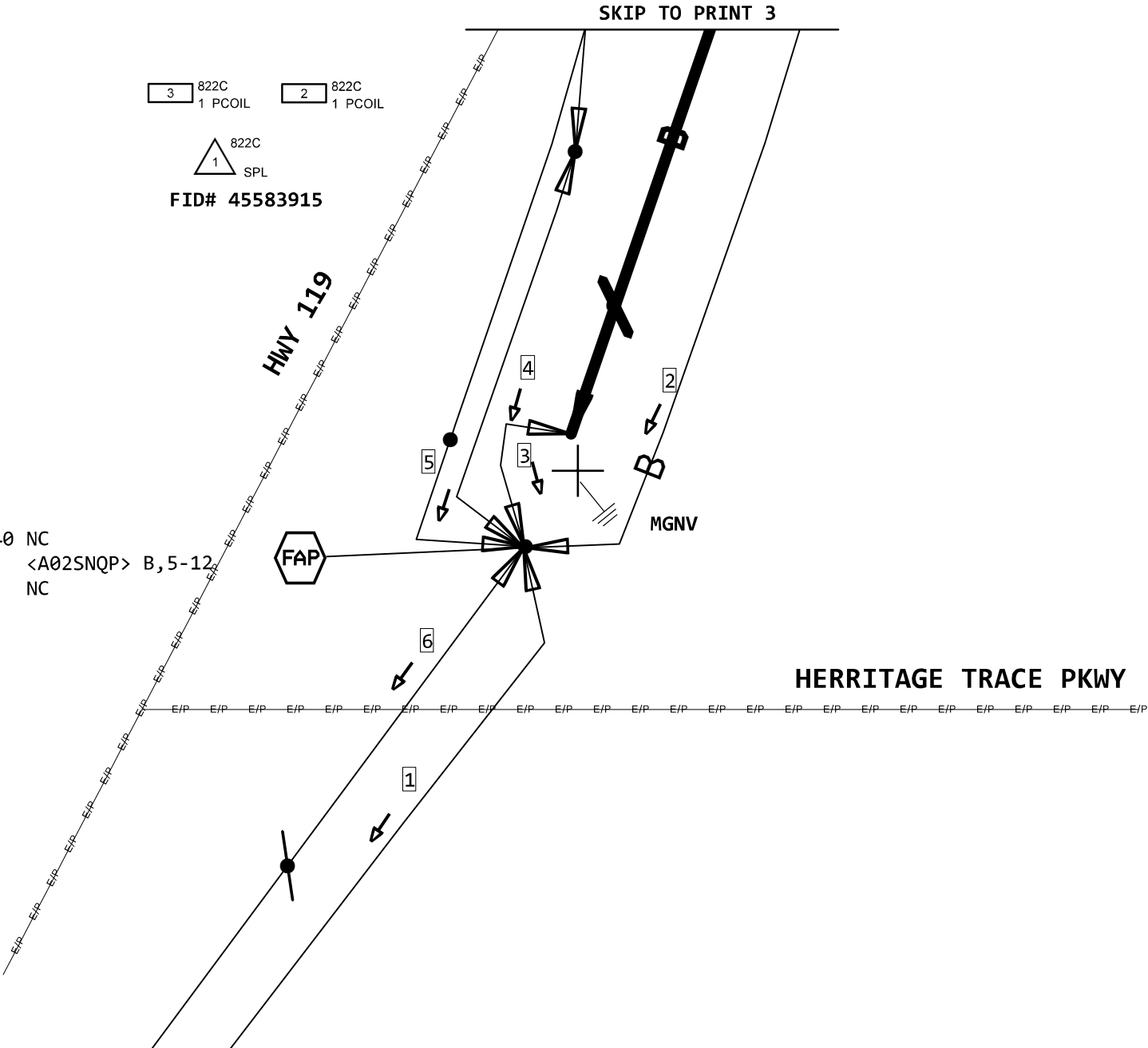
<A00FPKM> D,23-24

<9617454> MN003,111-116

<A003DAM> MN003,69-72

<8029342> D,35-36

FID: 45328019
-- FAP F1203B
(2017) 822C
<A01PHPL> C,37-40 NC
(MN003,41-48) <A02SNQP> B,5-12
MN003,49-60 NC



CAUTION
Volts to Ground
301V-15kV

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PRIMARY ENGR.: RUSS, DENNIS E			
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PHONE #: 2057555015		PRINT 2	OF 4

FID: 137582005

1 MNTVALNMSPL
F 6800-3 HIGHWAY 22
SPLSCAPC1X32FDH (PPA) 845C
IN MN003,41-44
1X32 SPT1210PA,1-32
1X32 SPT1210PA,33-64
1X32 SPT1210PA,65-96
1X32 SPT1210PA,97-128

TOTAL SPLTTER PLACED THIS JOB: 4
TYPE - SLOT - COUNT
1X32 - 1-4 - SPT1210PA, 1-128
C.O. TERMINATION INFO
BAY/AISLE = 010102.02
SHELF= 06
SLOTS/PINS= 61-62

845C
1 SPLSCAPC1X32FDH
4 PLAC

FID: 137582123

2 MNTVALNMPFP
F 6800-3 HIGHWAY 22
BJCNS864-100 (PPA) 845C
IN SPT1210PA,1-128
OUT PON1210PA,1-432
OUT PON1210PA,433-864
MN003,45-48

845C
2 BJCNS864-100
1 PLAC

845C
9 8 TESTF
@CO
TEST @OLT
SEND TEST FOR
ALL F1 STRAND
MN003, 41-48

845C
10 132 TESTF
@PFP
TEST @PFP, RECEIVE TEST FOR
ALL PORTS ON EACH SPLITTER:
SPT1210PA, 1-128
MN003, 41-44

FID: 137581703

3 (PPA) 845C 100'
TAIL
MN003,41-48
D,9-288

FID: 137582453

4 (PPA) 845C 53'
TAIL
PFP DISTRIBUTION
PON1210PA,433-864

FID: 137582157

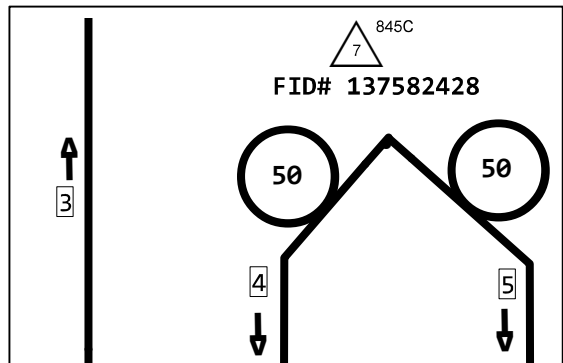
5 (PPA) 845C 53'
TAIL
PFP DISTRIBUTION
PON1210PA,1-432

FID: 137581915

6 F 6800-2 HWY
HH-30X60X36 (PPA) 845C
2.5 X 5 X 3 = 37.5

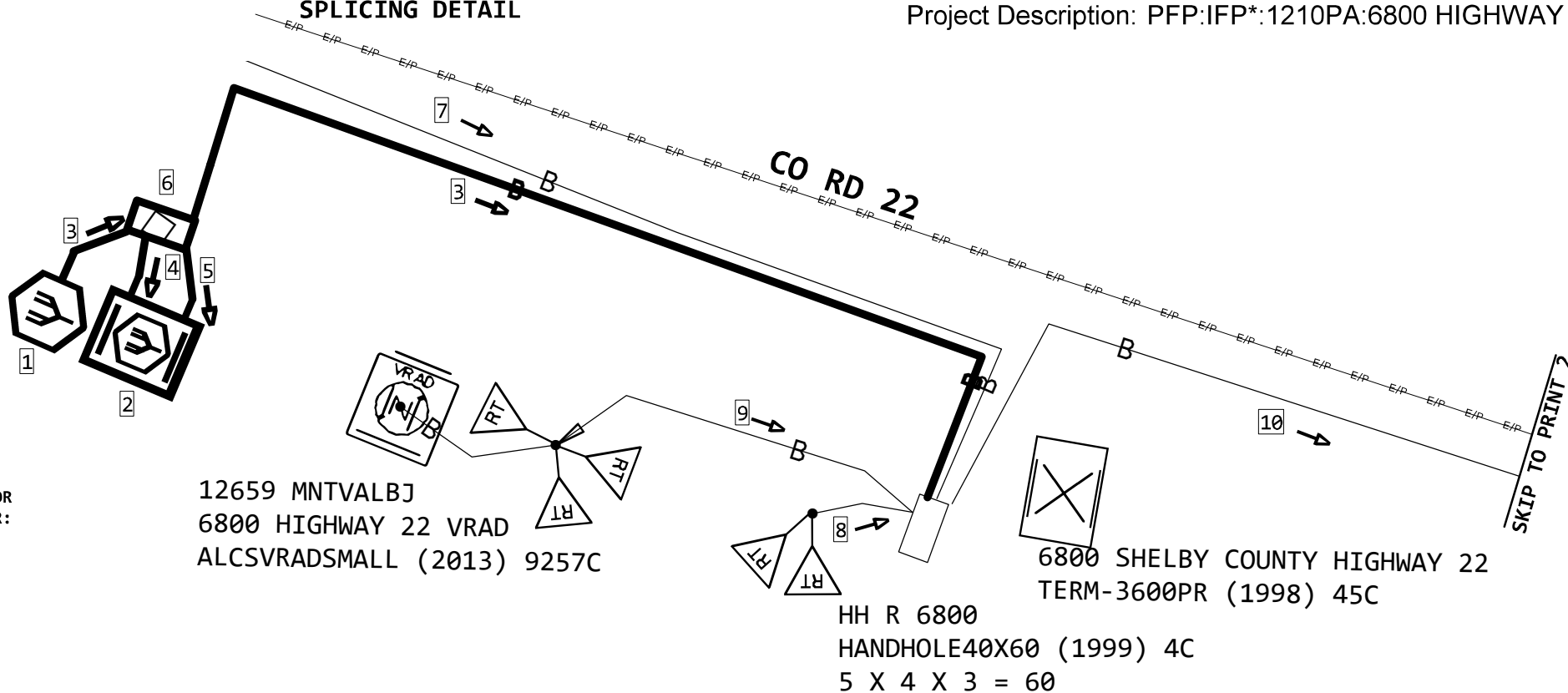
PLACED NEW HANDHOLE FIBERGLASS
COMMSCOPE MOUNT 864
TIER 15. ORACLE ITEM
#ATT. 200010801
53"x53"x36" Composite Pad with 30"x48" cover
for Charles PFP OHC-864 or CommScope 864
w/ 4 rack rails

PFP HH DETAIL
F 6800-2

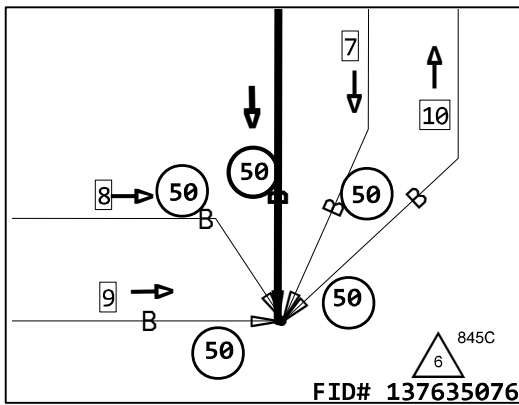


DESIGN NOTE:
PFP AND SPLICES TO SHARE GROUND SOURCE.
DESIGN NOTE:
PREP F2 TAILS STORE IN SAME CLOSURE AND B&G

SPLICING DETAIL



EXIST HH DETAIL
HH R 6800



(2000) 845C 0'

7 AL-34Q2MT-012
OF02,97-100
<9293417> X,5-6
<7899276> A,7-8
<8026563> A,9-12

(2007) 845C 0'

8 FBRTLTS-024
<1> OF02,113-114
<2> D,3-4
<8026563> OF02,105-108
<2> D,9-24

(1980) 845C 0'

9 FBRTLTS-024
OF02,109-112
<71C00604N> X,5-6
X,7-24

AL-34Q2MT-048

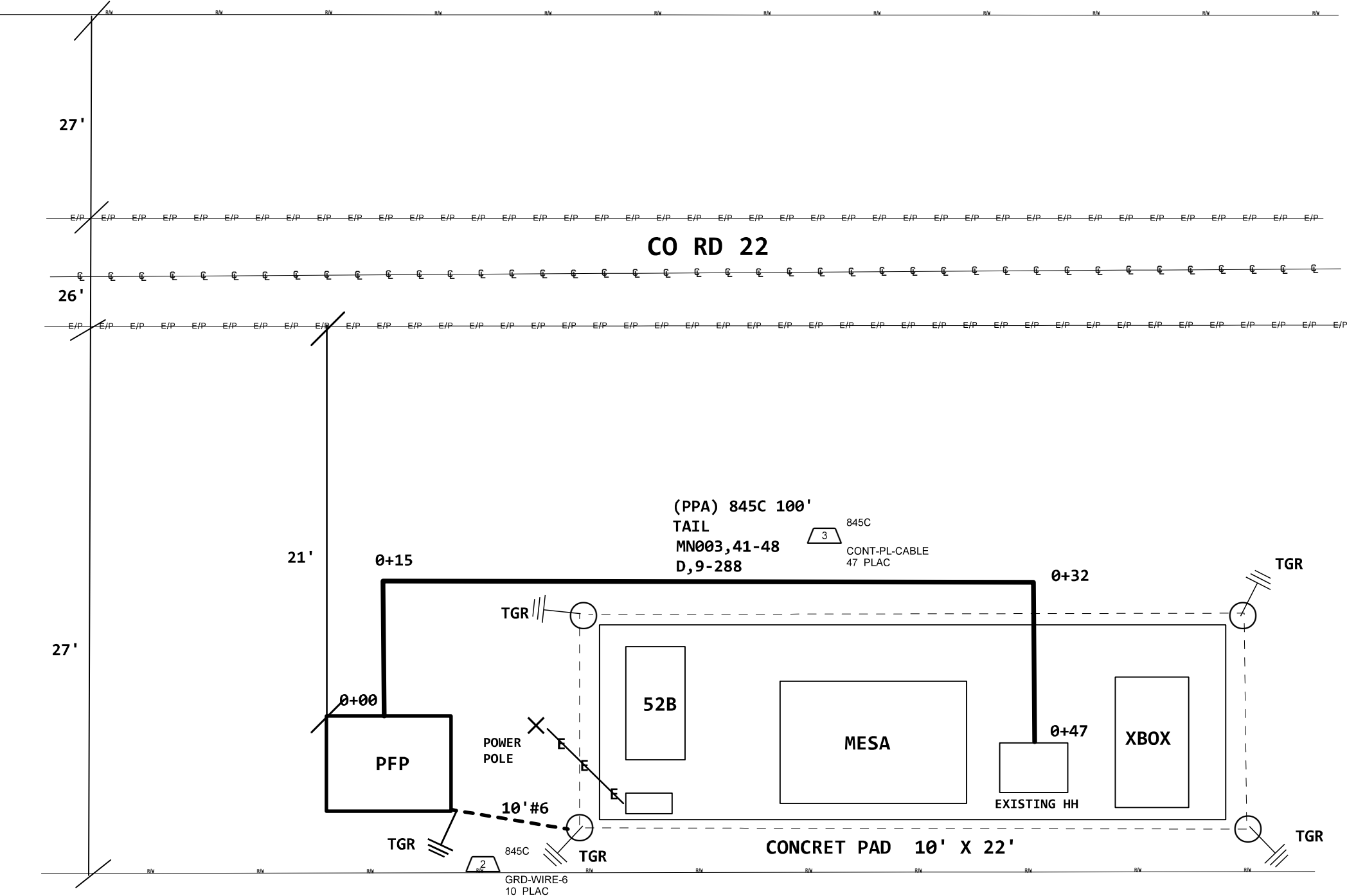
10 OF02,97-100 NC
<9293417> X,5-6 NC
<7899276> A,7-8 NC
OF02,105-114 NC
<51C00911N> A,19-22 NC
<A00FPM> X,25-26 NC
<A00ZC8C> D,25-26 NC
<9617454> MN003,113-113 NC
<A008Z0B> F,28-28 NC
<A003DAM> C,29-30 NC
<8256360> D,31-34 NC
<8029342> D,35-36 NC
(A,37-44) <A02SNQP> MN003,41-48
A.45-48 NC

CAUTION:
VOLTAGE RANGE
BURIED (X)
301-15KV

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PHONE #: 2057555015		PRINT 3 OF 4	



PLACEMENT DETAIL



PLACED NEW HANDHOLE FIBERGLASS
COMMSCOPE MOUNT 864
TIER 15. ORACLE ITEM
#ATT. 200010801
53"x53"x36" Composite Pad with 30"x48" cover
for Charles PFP OHC-864 or CommScope 864
w/ 4 rack rails

845C
HANDHOLE
1 PLAC
CWI=SMH00A

CAUTION:
VOLTAGE RANGE
BURIED (X)
301-15KV

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PHONE #: 2057555015		PRINT 4 OF 4	