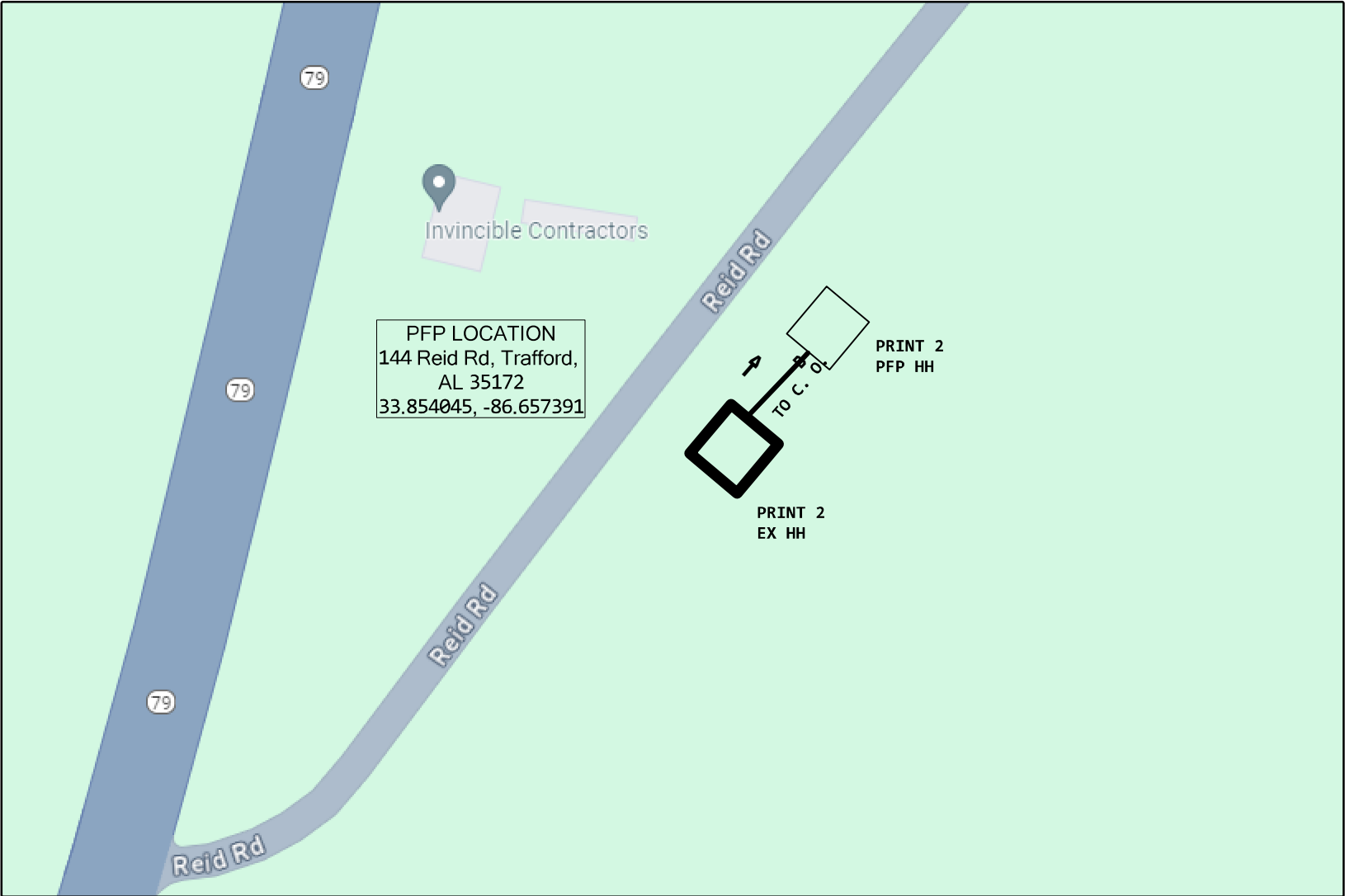


AREA MAP



Optical Budget Calculator:			
ROLT XGSPON Optics			Class N1
Feeder Fiber Length (kft) from CO or Remote OLT:			0.1
Avg. Feeder Splicing Interval (kft) - This is NOT the number of splices:			4.0
FiberWise - Add SFCM7:	No	Optitip Connectors in lieu of splices:	2
FiberWise - Add SFCM6:	No	Distribution Length (kft) - PFP to FST:	15.0
Total Length:			15.1
Splitter Type:			1x64
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			21.6
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			21.6
Distribution F2 EML - PFP to FST for 1310nm	4.1	Average OLT Laser Transmit Power (dBm)	3.5
Distribution F2 EML - PFP to FST for 1550nm (XGSPON)/1490nm (GPON)	3.6	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	25.7	Estimated Downstream Power Threshold (dBm) at PFP splitter output (Location "Q" on Optical Budget Diagram)	-20.0
Total EML OLT to FST for 1550nm (XGSPON)/1490nm (GPON)	25.2	Estimated Downstream Power Threshold (dBm) at PFP splitter input (Location "N" on Optical Budget Diagram)	0.8

CONTRACTOR INFORMATION
COMPANY : DRAFTPROS
DESIGNER : JULIO MARTINEZ
EMAIL: JULIOM@DRAFTPROS.COM

CONSTRUCTION NOTE
BURIED CABLE WILL BE PLACED AT
MAXIMUM DEPTH OF +24" FROM THE
DEPTH SPECIFIED ON THE PRINT UNLESS
OTHERWISE INDICATED ON THE PRINT

OLT TID	OLT Slot	OLT Port
PNSNALBNOL001CAB5011	LT-02	1-1-2-10
PNSNALBNOL001CAB5011	LT-02	1-1-2-11
PNSNALBNOL001CAB5011	LT-02	1-1-2-12
PNSNALBNOL001CAB5011	LT-02	1-1-2-13

F2 FIBER EML
(X) F2 NOT COMPLETE
F2 EML:
(EML 1310 NM):4.1
(EML 1550 NM):3.6

BEFORE YOU DIG!
2 DAYS PRIOR CALL 811

PFP WAS UPSIZED
FROM 432 TO 864

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

4 845C 1 PLMSP 2 845C 1 PLMCAB
3 845C 1 PLMFIS 1 845C 1 PLMFIP

PASS THROUGH FIBERS:
A LOC: HIGHWAY 79 AND REID
FIBERS:1214P, 53-54
OSP 010102.02.06

Z LOC: F 144-3 REID RD
ROLT to PFP = 0.1 kf
(EML 1310 NM):0.31
(EML 1550 NM):0.31

FIBER EML
SPLITTERS FIBER:
A LOC: HIGHWAY 79 AND REID
FIBERS:1214P, 49-52

Z LOC: F 144-3 REID RD
FIBERS: SPT1214, 1- 256
(EML 1310 NM):4.1 21.6
(EML 1550 NM):3.6 21.6

TOTAL SPLITTER PLACED THIS JOB: 4
TYPE - SLOT - COUNT
1X64- 1-4 - SPT1214, 1- 256

PROJECT # A02R2QV		DATE SVC REQ'D 10/21/2024	
NPANNX 205681	GEO LOC 11431	CLLI pnsnalma	
PRIMARY ENGR.: SIMS, WENDLE C			
ENGR. ID: WS7293		PERMIT REQ'D.	Y
PHONE #: 3184731736		PRINT 1 OF 2	

FID-137099962

1 **PNSNALMASPL**
F 144-3 REID RD
PFPSCAPC1X64PNP (PPA) 845C
IN 1214P,49-52
1X64 SPT1214PA,1-64
1X64 SPT1214PA,65-128
1X64 SPT1214PA,129-192
1X64 SPT1214PA,193-256

FID-137100360

2 **PNSNALMAPFP**
F 144-3 REID RD
BJCNS864-100 (PPA) 845C
IN SPT1214PA,1-256
OUT PON1214PA,1-432
OUT PON1214PA,433-864
1214P,53-54
FID-137099833

3 (PPA) 845C 100'
TAIL
1214P,49-54
A,7-144

FID-137099833

4 (PPA) 845C 50'
TAIL
PON1214PA,1-432

FID-137099884

5 144 REID RD
COMMCPAD432T15 (PPA) 4C
4.42 X 4.42 X 3 = 58.61

A (2022) 845C 65'
FBRTLTS-144
TGRG
1214P,1-144

B (2017) 45C 85'
ANMW-900
1214ABFN_I,201-400
1214ABFN_O,201-400
D,401-900

C (2010) 45C 28'
ANMW-900
IN EDX1214A,1-200
1214AFN_I,1-200
OUT EDX1214A,1-200
1214AFN_O,1-200
A,801-900

D (2017) 85C 28'
FBRTLTS-002
OF19,29-30

E (2010) 845C 70'
VFBR24SC100LP
OF19,73-76
<A00WB7G> OF19,29-30
F,7-24

DESIGN NOTE:
PFP AND SPLICES TO SHARE GROUND SOURCE.

DESIGN NOTE:
PREP F2 TAILS STORE IN CLOSURE AND B&G

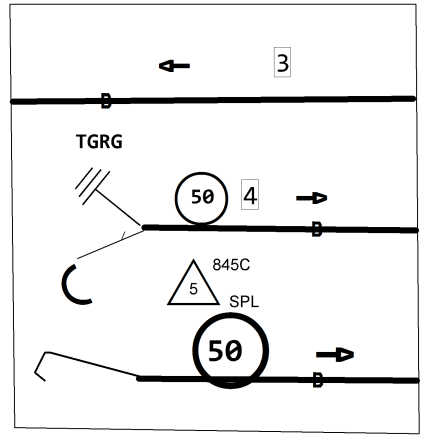
CAUTION!!! LOCATE ALL
UNDERGROUND FACILITIES
BEFORE DIGGING

C.O. ADDRESS:
HIGHWAY 79 AND REID RD
CITY: TRAFFORD
CLLI: PNSNALMA

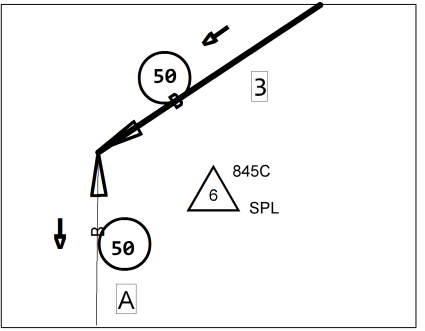
PLACED NEW HANDHOLE FIBERGLASS
COMMSCOPE MOUNT 432
TIER 15. ORACLE ITEM
#ATT. 200010801
53"x53"x36" Composite Pad with 30"x48" cover
for Charles PFP OHC-864 or CommScope 864
w/ 4 rack rails

SPLICE CONNECTOR
FID: 137100523

PFP HH DETAIL



EXISTING HH DETAIL



TEST @ROLT
SEND TEST FOR
ALL F1 STRAND
1214P, 49-54

8 845C 1 READY
9 845C 6 TESTF
VERIFY LIGHT AT CO

TEST @PFP, RECEIVE TEST FOR
ALL PORTS ON EACH SPLITTER:
1X64 SPT1214PA, 1-256
1214P, 49-54

CONSTRUCTION NOTE:
LOCATES-DIAL "811" BURY/BORE ALL FIBER
CABLE AT 24" MIN UNLESS OTHERWISE NOTED

CONSTRUCTION NOTE:
LOCATES DIAL "811" BURY/BORE ALL FIBER
CABLE AT 24" MIN UNLESS THERWISW NOTED

UNRELATED CABLE OMITTED
FOR PRINT CLARITY

TOTAL SPLTTER PLACED THIS JOB: 4
TYPE - SLOT - COUNT
1X64 - 1-4 - SPT1214A, 1-256
C.O. TERMINATION INFO
BAY/AISLE = 010102.02
SHELF= 06
SLOTS/PINS= 61-62

BEFORE YOU DIG!
2 DAYS PRIOR CALL 811

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

PROJECT # A02R2QV		DATE SVC REQ'D 10/21/2024	
NPANNX 205681	GEO LOC 11431	CLLI pnsnalma	
PRIMARY ENGR.: SIMS, WENDLE C			
ENGR. ID: WS7293		PERMIT REQ'D.	Y
PHONE #: 3184731736		PRINT 2 OF 2	