

AREA MAP: PSA 1365PA



DISTRIBUTION FIBER TO BE
PLACED ON PROJECT A02TNTG

BYERS ENGINEERING
DEMIS RODRIGUEZ
786-420-7631

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| | | | |
|-----------------------------|-------------------|------------------------------|---|
| PROJECT # A02TRLV | | DATE SVC REQ'D 12/31/2024 | |
| NPANNX 281487 | GEO LOC WK9487 | CLLI HSTNTXEE | |
| PRIMARY ENGR.: PACE, JEFF A | | | |
| ENGR. ID: JP9438 | | PERMIT REQ'D. | N |
| PHONE #: 2817854953 | | PRINT 1 OF 4 | |

1 (PPA) 845C 100'
TAIL
PONS FEEDER STUB CA
EE010,85-96
A,13-36
PF,1-108

2 (PPA) 845C 100'
TAIL
432 DISTRIBUTION
PON1365PA,1-432

3 (PPA) 845C 100'
TAIL
432 DISTRIBUTION
PON1365PA,433-864

4 HSTNTXEE
F 6506 TREBOR ST
BABMS864-100ST (PPA) 845C
IN SPT1365PA,1-192
OUT PON1365PA,1-864
EE010,91-96

5 HSTNTXEE
F 6506 TREBOR ST
SPLSCAPC1X32LS (PPA) 845C
IN EE010,85-90
1X32 SPT1365PA,1-32
1X32 SPT1365PA,33-64
1X32 SPT1365PA,65-96
1X32 SPT1365PA,97-128
1X32 SPT1365PA,129-160
1X32 SPT1365PA,161-192

6 HH 6506T-EMS
HH-30X48X36 (PPA) 845C
2.5 X 4 X 3 = 30
TIER 15

7 (PPA) 845C 100'
TAIL
PONS FEEDER STUB CA
PF,1-144

A (2017) 845C 1075'
5BQ2MT-048
EE010,3-4
<A01T0NB> EE010,5-6
C,5-48

B (2008) 845C 157'
5BQ2MT-024
EE008,101-104 NC
EE010,3-4 NC
<A01T0NB> EE010,5-6 NC
B,9-12 NC
(B,13-20) <A02TN4R> EE010,85-92
(B,21-24) <A02TN4R> EE010,93-96

C (PPA) 845C 599'
5BQ2MT-048
EE010,85-88
G,5-48

D (2008) 845C 100'
5BQ2MT24-100LP
EE008,101-104
A,5-24

6 845C
CONT-PL-CABLE
100 IDUC

5 845C
CONT-PL-CABLE
100 IDUC

4 845C
CONT-PL-CABLE
100 IDUC

1 845C
BABMS864-100ST
1 PLAC

2 845C
PAD-CIP-4IN
1 PLAC

3 845C
SPLSCAPC1X32LS
6 PLAC

10 845C
HH-30X48X36
1 PLAC

11 845C
GRD-ROD
2 PLAC

19 845C
CONT-PL-CABLE
100 IDUC

20 845C
INNERDUCT1-3
3 PLAC

9 845C
INNERDUCT1-3
16 PLAC

8 845C
INNERDUCT1-3
3 PLAC

7 845C
INNERDUCT1-3
3 PLAC

@CO
KF TO CO = 0.157KF
EE010,85-90

16 845C
6 TESTF

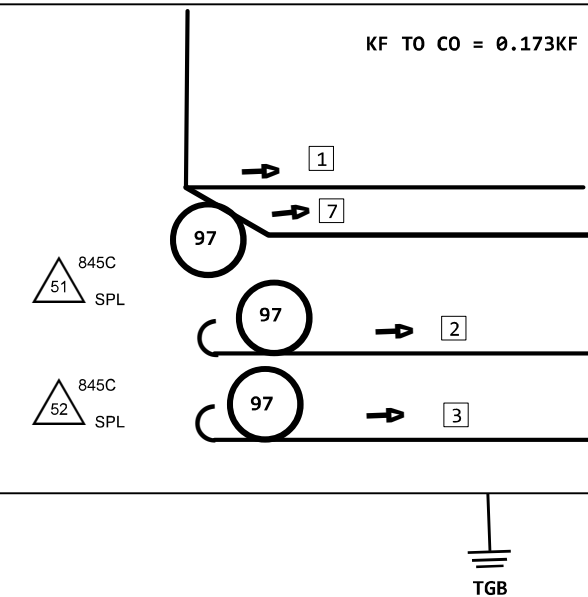
15 845C
18 TERM

@PFP
KF TO CO
EE010,85-90
SPT1365PA,1-192

17 845C
198 TESTF

18 845C
1 READY

HH 6506 TREBOR DETAIL



SPLICER NOTE:
ACTIVATE SPLITTERS
1-6 WITH EE010, 85-90

CONSTRUCTION NOTE:
ORDER AND INSTALL
(6) 1X32 SPLITTERS
PID: 100088746

CONSTRUCTION NOTE:
PLACE (2) 1-3" INNERDUCT
FROM PFP TO PFP HH
PLACE 1-3" INNERDUCT
FROM PFP HH TO PROPOSED FH 6506

ALL BURIED FIBER CABLES PLACED
ON THIS PROJECT WILL BE BORED
AT A DEPTH OF 36" AND PLACED IN
INNERDUCT UNLESS SPECIFICALLY
NOTED OTHERWISE

CONSTRUCTION NOTE:
PULL ALL PFP TAILS
THRU INNERDUCTS

PFP COMES WITH
(2) 432 DIST STUB-100'
(2) 144 FEEDER STUB-100'

ELLINGTON CITY
PERMIT REQUIRED

CONSTRUCTION NOTE:
GROUND HH
TO PFP TGB

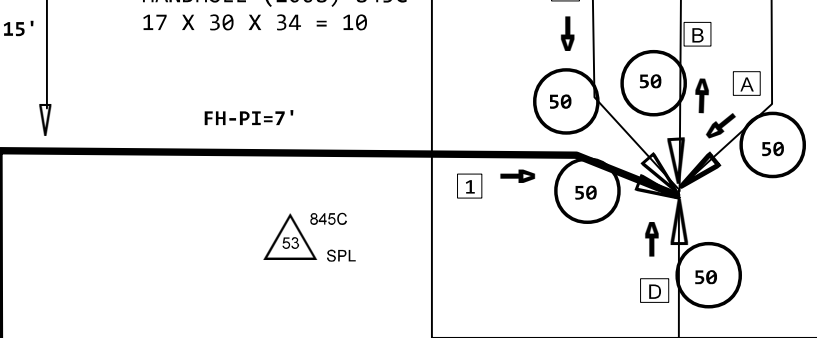
F2 JOB = A02TNTG

LOCATE! POWER,
WATER & SEWER
IN AREA

BYERS ENGINEERING
DEMIS RODRIGUEZ
786-420-7631

BEFORE YOU
DIG!
2 DAYS PRIOR
CALL 811

FID: 21115077
FH 6506T-EMS
HANDHOLE (2008) 845C
17 X 30 X 34 = 10

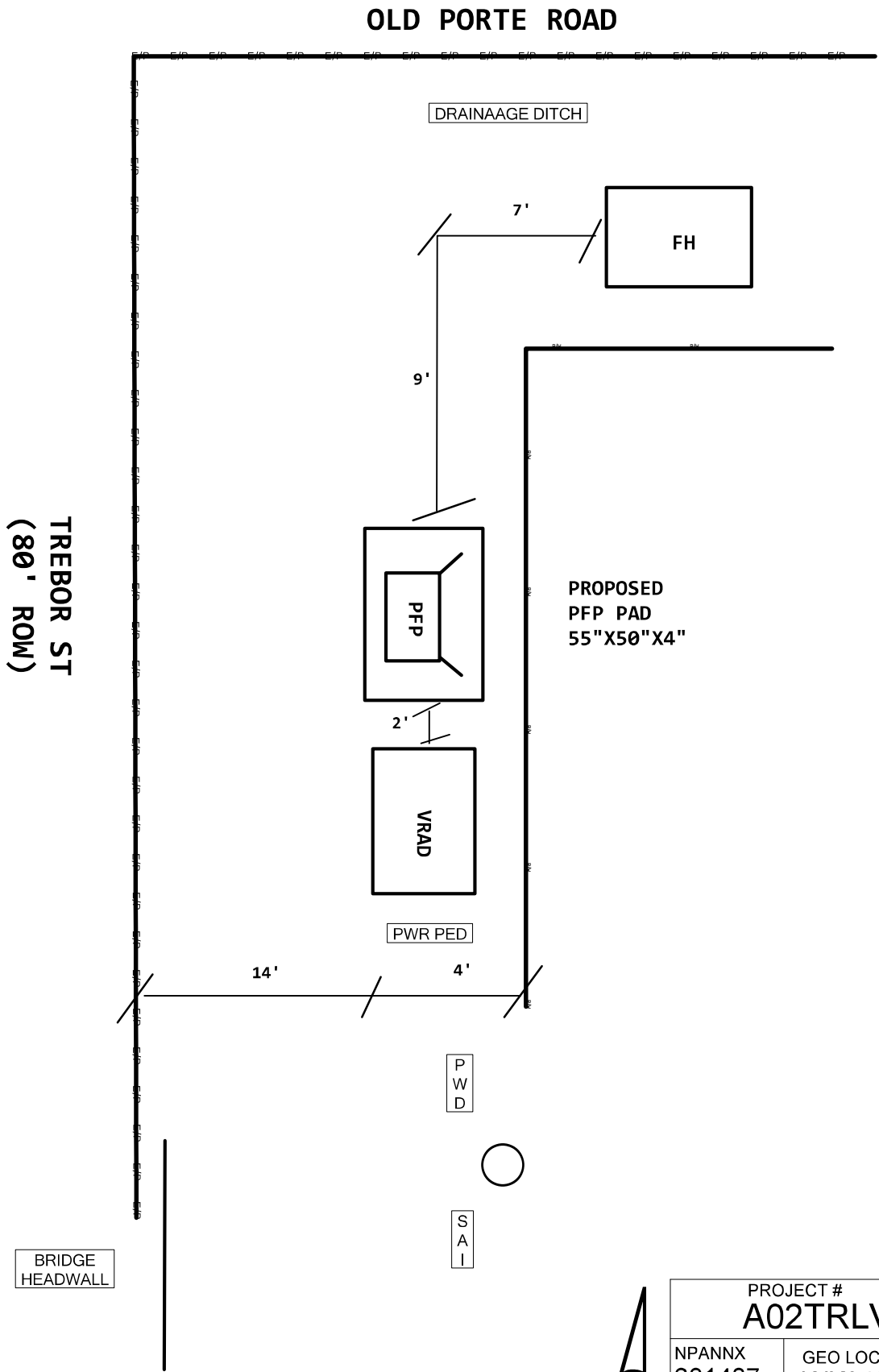


SEE PRINT 6
PFP PLACEMENT

PROPOSED 55"X50"X4"
POUR-IN-PLACE
PFP PAD

WT2294 PSDOTXJM
6506 TREBOR VRAD
ALP-448 (2017) 9257C
CABINET
Y EE008,101-104
Y 6506TFN_I,1-200
6506TFN_0,1-200

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| | |
|---|----------|
| XGS-PON Optics (Choose Class N1 or Class N2 from drop-down list) | Class N2 |
| Feeder Fiber Length (kft) from CO or Remote OLT | 27.3 |
| Avg. Feeder Splicing Interval (kft) - This is not the number of splices | 4.0 |
| OptiTip Connectors in lieu of splices (Choose 0-2 from drop-down list) | 1 |
| FiberWise - Add SFCM7 (Choose Planned, Placed, or No from drop-down list) | Planned |
| FiberWise - Add SFCM6 (Choose Yes or No from drop-down list) | No |
| Distribution Length (kft) - PFP to FST | 5.8 |
| Total Length | 33.1 |
| Splitter Type | 1x32 |
| Max. Feeder + Splitter EML - Engineered Measured Loss (dB) for 1310 nm downstream from distribution side of PFP splitter to OSP fiber panel at OLT location (Location "Q" to "H" on Optical Budget Diagram) | 22.1 |
| Max. Feeder + Splitter EML - Engineered Measured Loss (dB) for 1550 nm upstream from OSP fiber panel at OLT location to distribution side of PFP splitter (Location "H" to "Q" on Optical Budget Diagram) | 21.3 |
| Distribution F2 EML - PFP to FST for 1310nm | 2.9 |
| Distribution F2 EML - PFP to FST for 1550nm* | 2.3 |
| Total EML OLT to FST for 1310nm | 25.0 |
| Total EML OLT to FST for 1550nm* | 23.6 |
| * If the SFCM6 is deployed, then EML for 1550nm is not valid, since the SFCM6 blocks transmi | |
| Construction Power Estimates for Workprint | |
| Average OLT Laser Transmit Power (dBm) | 5.5 |
| 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 |
| Estimated Downstream Power Threshold (dBm) at PFP splitter output (Location "Q" on Optical Budget Diagram) | -17.7 |
| Estimated Downstream Power Threshold (dBm) at PFP splitter input (Location "N" on Optical Budget Diagram) | -0.2 |

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