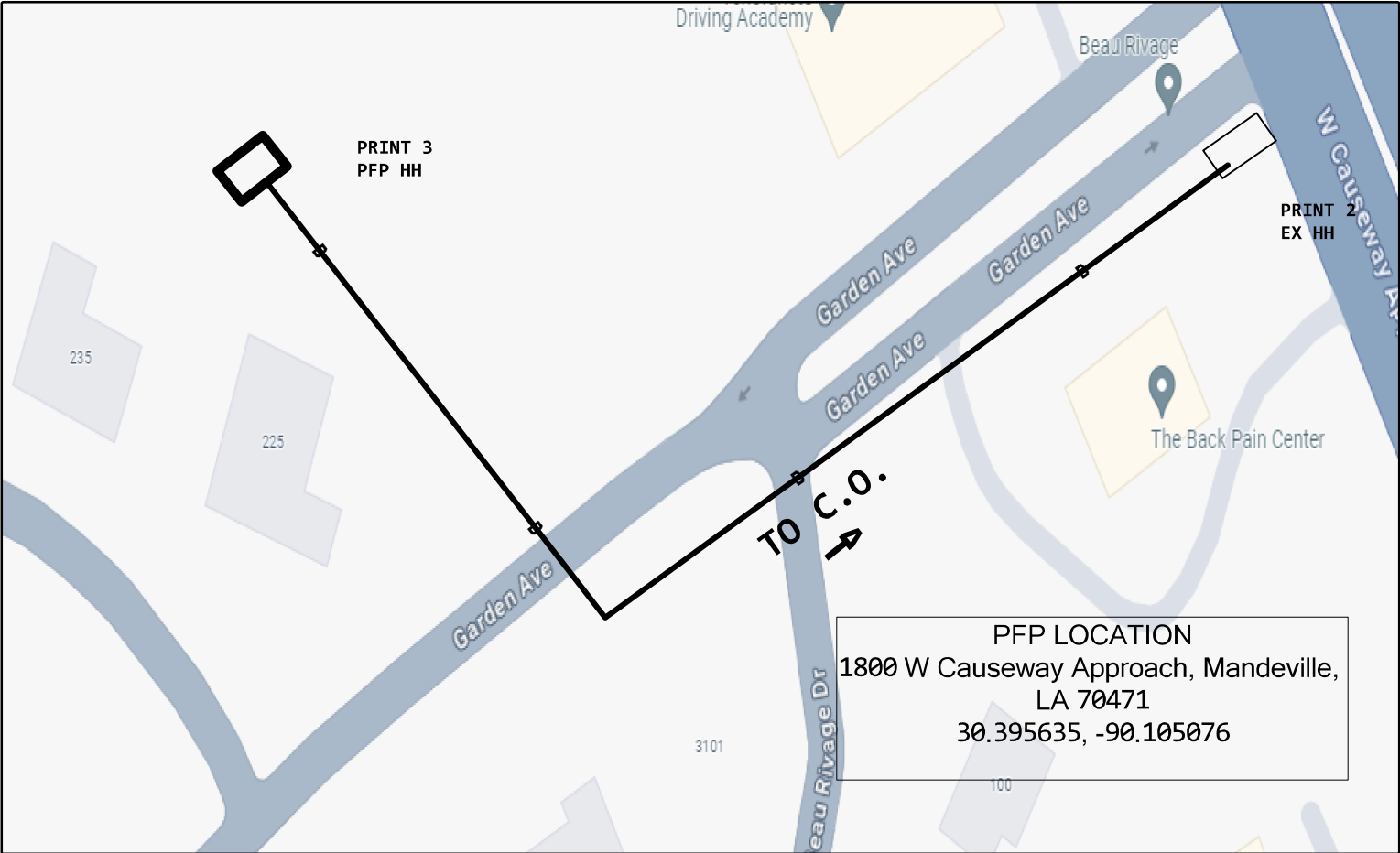


VICINITY MAP



OLT TID	OLT Slot	OLT Port
MNVLLAMAOL0010126201	LT-04	1-1-4-16
MNVLLAMAOL0010126201	LT-05	1-1-5-01
MNVLLAMAOL0010126201	LT-05	1-1-5-02
MNVLLAMAOL0010126201	LT-05	1-1-5-03
MNVLLAMAOL0010126201	LT-05	1-1-5-04
MNVLLAMAOL0010126201	LT-05	1-1-5-05

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

4845C1 PLMSP

1845C1 PLMFIP

3845C1 PLMFIS

2845C1 PLMCAB

PERMITS REQUIRED: CITY OF MANDEVILLE

TOTAL SPLITTER PLACED THIS JOB: 6
TYPE - SLOT - COUNT
1X32- 1-6 - SPT2140PC, 1-192

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

BEFORE YOU DIG!
2 DAYS PRIOR CALL 811

F2 FIBER EML
(X) F2 NOT COMPLETE
F2 EML:
(EML 1310 NM):3.0
(EML 1550 NM):3.0

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

FIBER EML
SPLITTERS FIBER:
A LOC: 516 LAFITTE ST
FIBERS: MV015, 1-6

Z LOC: R 1800-2 W CAUSEWAY APPROACH RD
FIBERS: SPT2140PC, 1-192
(EML 1310 NM):3.0 21.8
(EML 1550 NM):3.0 21.0

PASS THROUGH FIBERS:
A LOC: 516 LAFITTE ST
FIBERS: MV015, 7-12
OSP 010102.02.06

Z LOC: R 1800-2 W CAUSEWAY APPROACH RD
FIBERS: MV015, 7-12
(EML 1310 NM):3.0 21.8
(EML 1550 NM):3.0 21.0

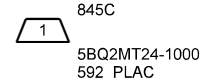
PROJECT # A02RNLNR		DATE SVC REQ'D 12/13/2024	
NPANNX 985626	GEO LOC J2801	CLLI mnvllama	
PRIMARY ENGR.: SIMS, WENDLE C			
ENGR. ID: WS7293		PERMIT REQ'D.	Y
PHONE #: 3184731736		PRINT 1 OF 3	

Optical Budget Calculator:			
CO XGSPON Optics			Class N2
Feeder Fiber Length (kft) from CO or Remote OLT:			25.1
Avg. Feeder Splicing Interval (kft) - This is NOT the number of splices:			4.0
FiberWise - Add SFCM7:	Planned	Optitip Connectors in lieu of splices:	2
FiberWise - Add SFCM6:	No	Distribution Length (kft) - PFP to FST:	5.0
Total Length:			30.1
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			21.8
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			21.0
Distribution F2 EML - PFP to FST for 1310nm	3.0	Average OLT Laser Transmit Power (dBm)	5.5
Distribution F2 EML - PFP to FST for 1550nm (XGSPON)/1490nm (GPON)	3.0	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	24.9	Estimated Downstream Power Threshold (dBm) at PFP splitter output (Location "Q" on Optical Budget Diagram)	-17.4
Total EML OLT to FST for 1550nm (XGSPON)/1490nm (GPON)	24.0	Estimated Downstream Power Threshold (dBm) at PFP splitter input (Location "N" on Optical Budget Diagram)	0.0

FID: 137274246

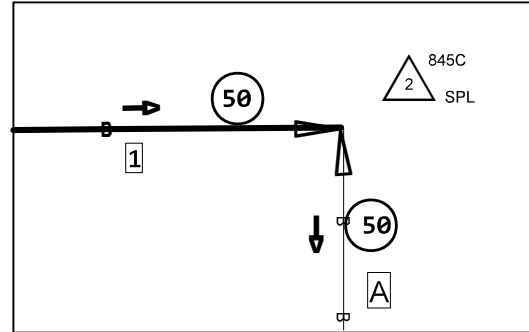
1 (PPA) 845C 492'
5BQ2MT-144

MV015,1-12
A,13-144



FID: 136704568

HH 1796 W CA



EX HH SPLICE DETAIL

SPLICE CONNECTOR
FID: 136797640

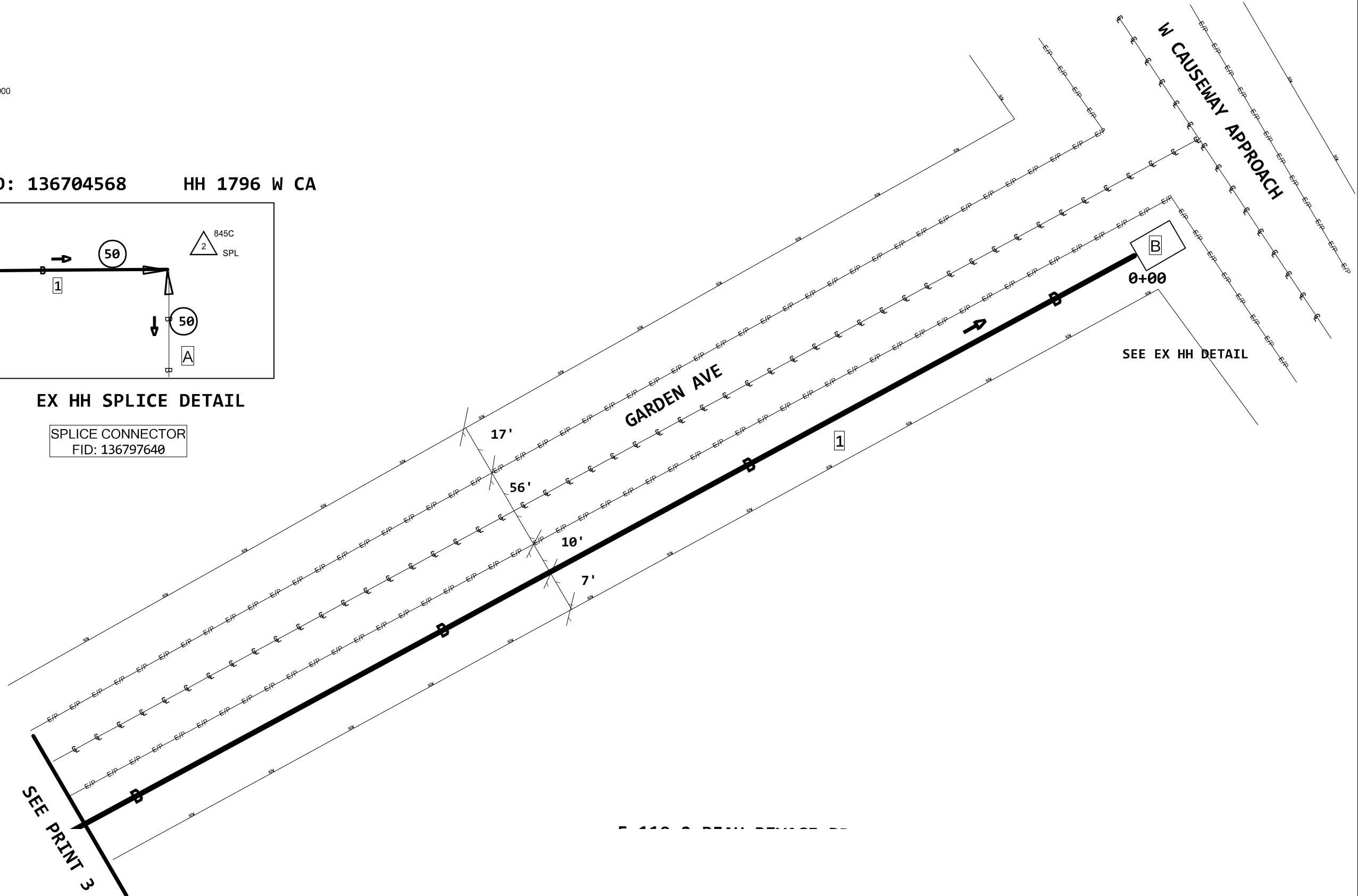
FID: 136704434

A (PPA) 845C 486'
5BQ2MT-072

MV015,1-36
MV015,49-84

EXISTING HH

B HH 1796 W CA
HANDHOLE30X48 (PPA) 845C
2.5 X 4 X 3 = 30



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

BEFORE YOU DIG!
2 DAYS PRIOR CALL 811

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

CAUTION!!! LOCATE ALL
UNDERGROUND FACILITIES
BEFORE DIGGING

4

PROJECT # A02RNLR		DATE SVC REQ'D 12/13/2024	
NPANNX 985626	GEO LOC J2801	CLLI mnvllama	
PRIMARY ENGR.: SIMS, WENDLE C			
ENGR. ID: WS7293		PERMIT REQ'D.	Y
PHONE #: 3184731736		PRINT 2	OF 3

2 MNVLLAMASPL
R 1800 W CAUSEWAY APPROACH RD
SPLSCAPC1X32FDH (PPA) 845C
IN MV015,1-6
1X32 SPT2140PC,1-32
1X32 SPT2140PC,33-64
1X32 SPT2140PC,65-96
1X32 SPT2140PC,97-128
1X32 SPT2140PC,129-160
1X32 SPT2140PC,161-192

845C
SPLSCAPC1X32FDH
6 PLAC

3 MNVLLAMAPFP
R 1800 W CAUSEWAY APPROACH RD
BJCNS864-100 (PPA) 845C
IN SPT2140PC,1-192
OUT PON2140PC,1-432
OUT PON2140PC,433-864

845C
BJCNS864-100
1 PLAC

4 (PPA) 845C 100'
TAIL
PFP DISTRIBUTION
OUT PON2140PC,433-864

5 (PPA) 845C 100'
TAIL
PFP DISTRIBUTION
OUT PON2140PC,1-432

6 (PPA) 845C 100'
TAIL
PONS FEEDER
MV015,1-12
B,13-288

1 (PPA) 845C 492'
5BQ2MT-144
MV015,1-12
A,13-144

PRINT 2

7 1800 W CAUSEWAY
HH-30X60X36 (PPA) 845C
2.5 X 5 X 3 = 37.5

845C
HH-30X60X36
1 PLAC

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

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

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

NOTE: LEAVE COUNTS
MV015, 7-12 IN SPLTTER
TAIL FOR FUTURE USE

C.O. ADDRESS:
516 LAFITTE ST
CITY: MANDEVILLE
CLLI: MNVLLAMA

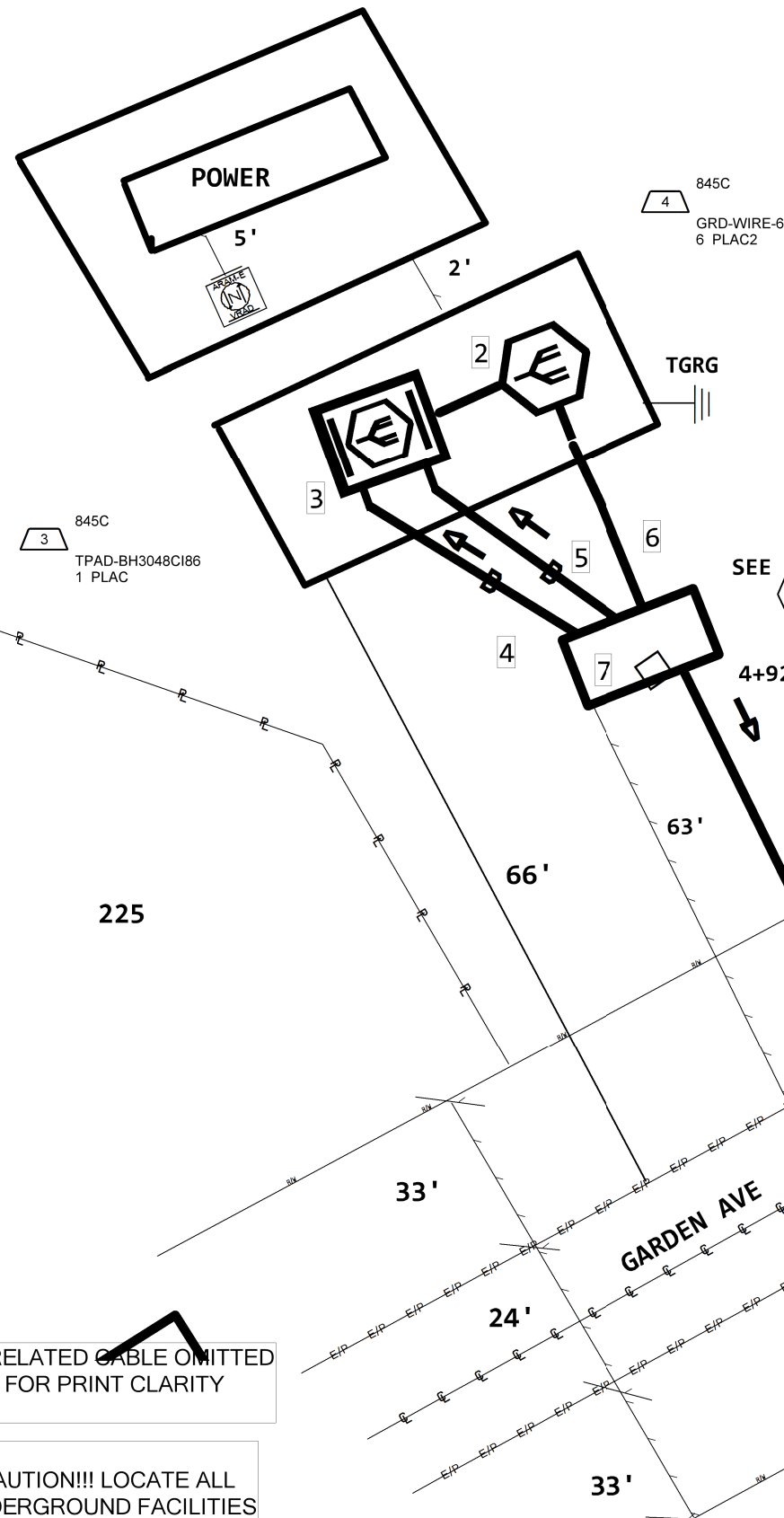
BEFORE YOU DIG!
2 DAYS PRIOR CALL 811

UNRELATED CABLE OMITTED
FOR PRINT CLARITY

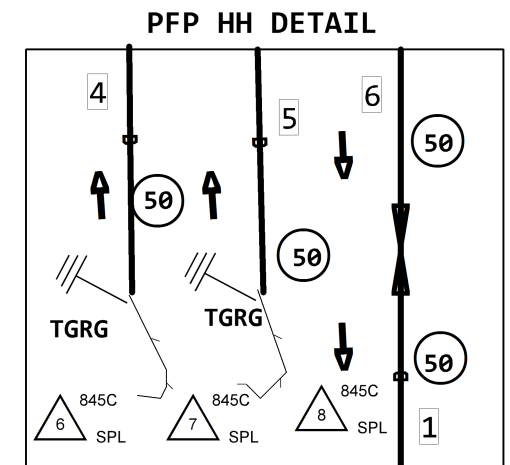
CAUTION!!! LOCATE ALL
UNDERGROUND FACILITIES
BEFORE DIGGING

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

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



TOTAL SPLTTER PLACED THIS JOB: 6
TYPE - SLOT - COUNT
1X32 - 1-6 - SPT2105PA, 1-192
C.O. TERMINATION INFO
BAY/AISLE = 010102.02
SHELF= 06
SLOTS/PINS= 61-62



SPLICE CONNECTOR
FID: 137274305

TEST @ROLT
SEND TEST FOR
ALL F1 STRAND
MV015, 1-12

845C
12 TESTF

TEST @PFP, RECEIVE TEST FOR
ALL PORTS ON EACH SPLITTER:
SPT9140PC, 1-192
MV015, 1-12

845C
204 TESTF

SEE PRINT 2

PROJECT # A02RNLNR		DATE SVC REQ'D 12/13/2024	
NPANNX 985626	GEO LOC J2801	CLLI mnvllama	
PRIMARY ENGR.: SIMS, WENDLE C			
ENGR. ID: WS7293		PERMIT REQ'D.	Y
PHONE #: 3184731736		PRINT 3 OF 3	