

THIS PROJECT WILL PLACE FIBER NON FLEX-NAP FACILITIES TO SERVE LEES SUMMIT(816524)DA 3220PB.
FOR 160 LU'S. THIS PROJECT WILL BE APPROXIMATELY 7821' OF FIBER IN QUANTITIES: 1008' OF 5BQ2MT-144,
429" OF 5BQ2MT-072, 1181' OF 5BQ2MT-048, 2645' OF 5BQ2MT-012, 2551 OF 5BQ1M6-006 AND 18 TERMINALS AND TEST ALL FIBERS.

LOCATION MAP:2038 SW CLAYTON PL,LEES SUMMIT,MO



F1 PROJECT#A021C7C
FIBER COUNTS: PON2038SWC, 205 - 246
PON20378SWC, 283 - 366
PON20378SWC, 403 - 432

MATERIAL LIST:
5BQ2MT-144:1008'
5BQ2MT-072:436'
5BQ2MT-048:1181'
5BQ1M6-006:2551'
5BQ2MT-024:2645'
BFGNNS6-18
INNERDUCT1-1.25"(8645C): 165'
INNERDUCT1-1.5"(8645C): 643'

845C
1
1 READY FOR SERVICE TRIGGER

XGSPON Optics	Class B+
Feeder Fiber Length (kft) from CO or Remote OLT	10.5
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)	2
Distribution Length (kft) - PFP to FST	2.1
Total Length	12.6
Splitter Type	1x64
Max. Feeder + Splitter EML - Engineered Measured Loss (dBm) for 1270 nm downstream from distribution side of PFP splitter to OSP fiber panel at OLT location (Location "Q" to "H" on Optical Budget Diagram)	23.1
Max. Feeder + Splitter EML - Engineered Measured Loss (dBm) 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)	22.7
Distribution F2 EML - PFP to FST for 1270nm	2.8
Distribution F2 EML - PFP to FST for 1550nm	2.9
Total EML OLT to FST for 1270nm	25.8
Total EML OLT to FST for 1550nm	25.6

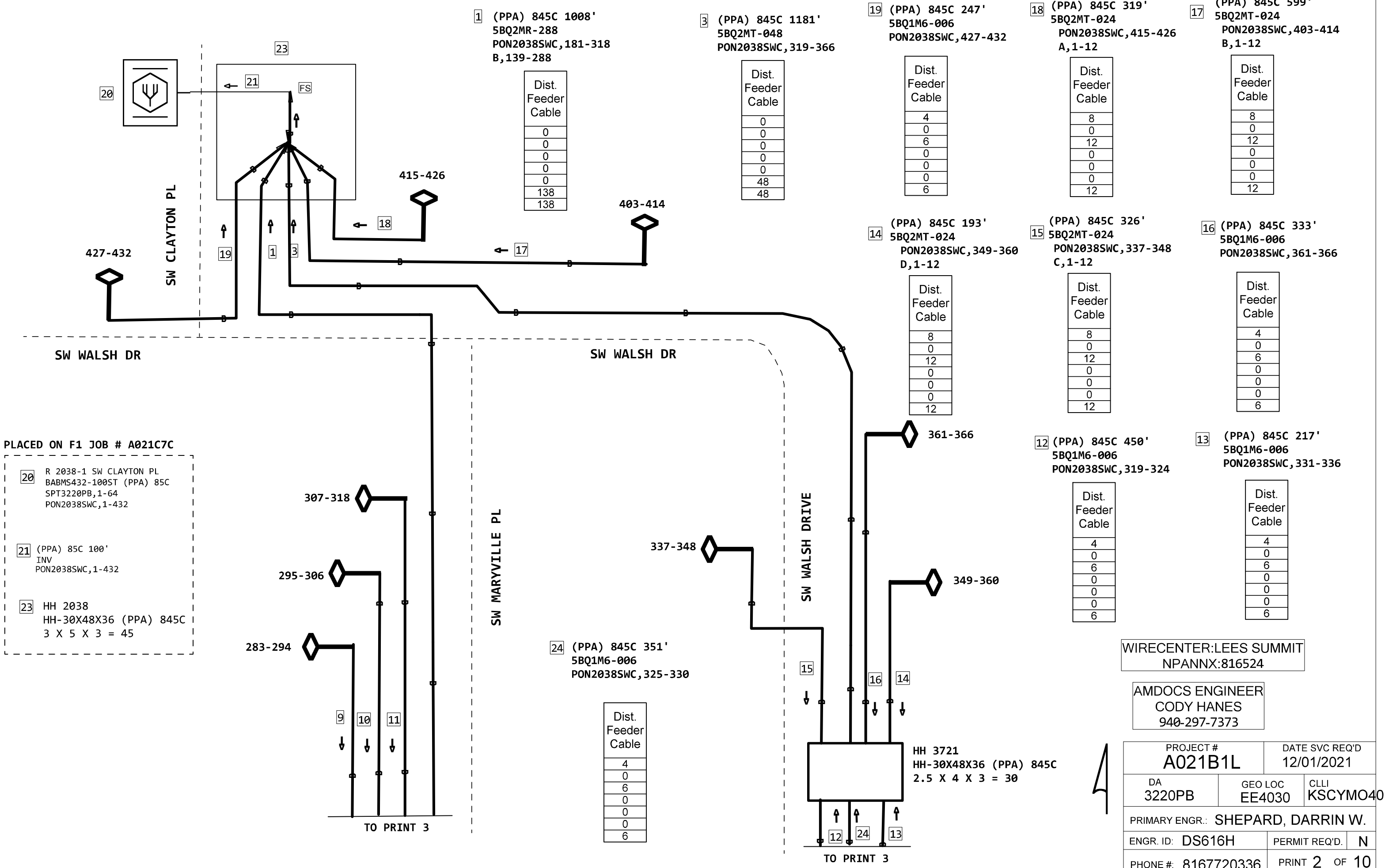
WIRECENTER:LEES SUMMIT
NPANNX:816524

AMDOCS ENGINEER
CODY HANES
940-297-7373

PO#00861674

PERMITS:
CITY:Y
COUNTY:N
MODOT:N
BURIED:Y
AERIAL:N

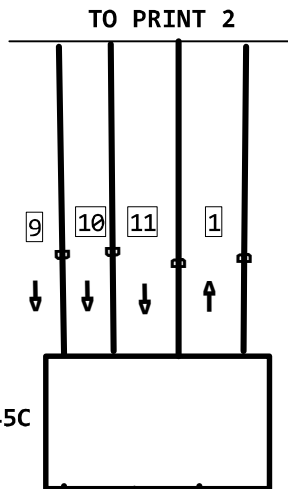
PROJECT # A021B1L		DATE SVC REQ'D 12/01/2021	
DA 3220PB	GEO LOC EE4030	CLLI KSCYMO40	
PRIMARY ENGR.: SHEPARD, DARRIN W.			
ENGR. ID: DS616H		PERMIT REQ'D.	N
PHONE #: 8167720336		PRINT 1 OF 10	



2 (PPA) 845C 436'
5BQ2MT-144
PON2038SWC, 181-234
C, 55-144

Dist. Feeder Cable
0
0
0
0
0
54
54

HH 2104
HH-30X48X36 (PPA) 845C
2.5 X 4 X 3 = 30



SW MARVILLE PLACE

SW OSAGE DR

SW OSAGE DR

235-240

241-246

223-234

217-222

211-216

205-210

2

6

SW RUTHERFORD DRIVE

HH 2102
HH-30X48X36 (PPA) 845C
2.5 X 4 X 3 = 30

SW MARVILLE PLACE

15 (PPA) 845C 338'
5BQ1M6-006
PON2038SWC, 205-210

Dist. Feeder Cable
2
0
6
0
0
0
6

4 (PPA) 845C 228'
5BQ1M6-006
PON2038SWC, 211-216

Dist. Feeder Cable
4
0
6
0
0
0
6

8 (PPA) 845C 262'
5BQ1M6-006
PON2038SWC, 241-246

Dist. Feeder Cable
4
0
6
0
0
0
6

6 (PPA) 845C 137'
5BQ2MT-024
PON2038SWC, 223-234
H, 1-12

Dist. Feeder Cable
6
0
12
0
0
0
12

5 (PPA) 845C 118'
5BQ1M6-006
PON2038SWC, 217-222

Dist. Feeder Cable
4
0
6
0
0
0
6

TO PRINT 2

SW OSAGE DR

SW WALSH DRIVE

331-336

14

325-330

319-324

9 (PPA) 845C 133'
5BQ2MT-024
PON2038SWC, 283-294
E, 1-12

Dist. Feeder Cable
5
0
12
0
0
0
12

10 (PPA) 845C 273'
5BQ2MT-024
PON2038SWC, 295-306
F, 1-12

Dist. Feeder Cable
8
0
12
0
0
0
12

11 (PPA) 845C 413'
5BQ2MT-024
PON2038SWC, 307-318
G, 1-12

Dist. Feeder Cable
8
0
12
0
0
0
12

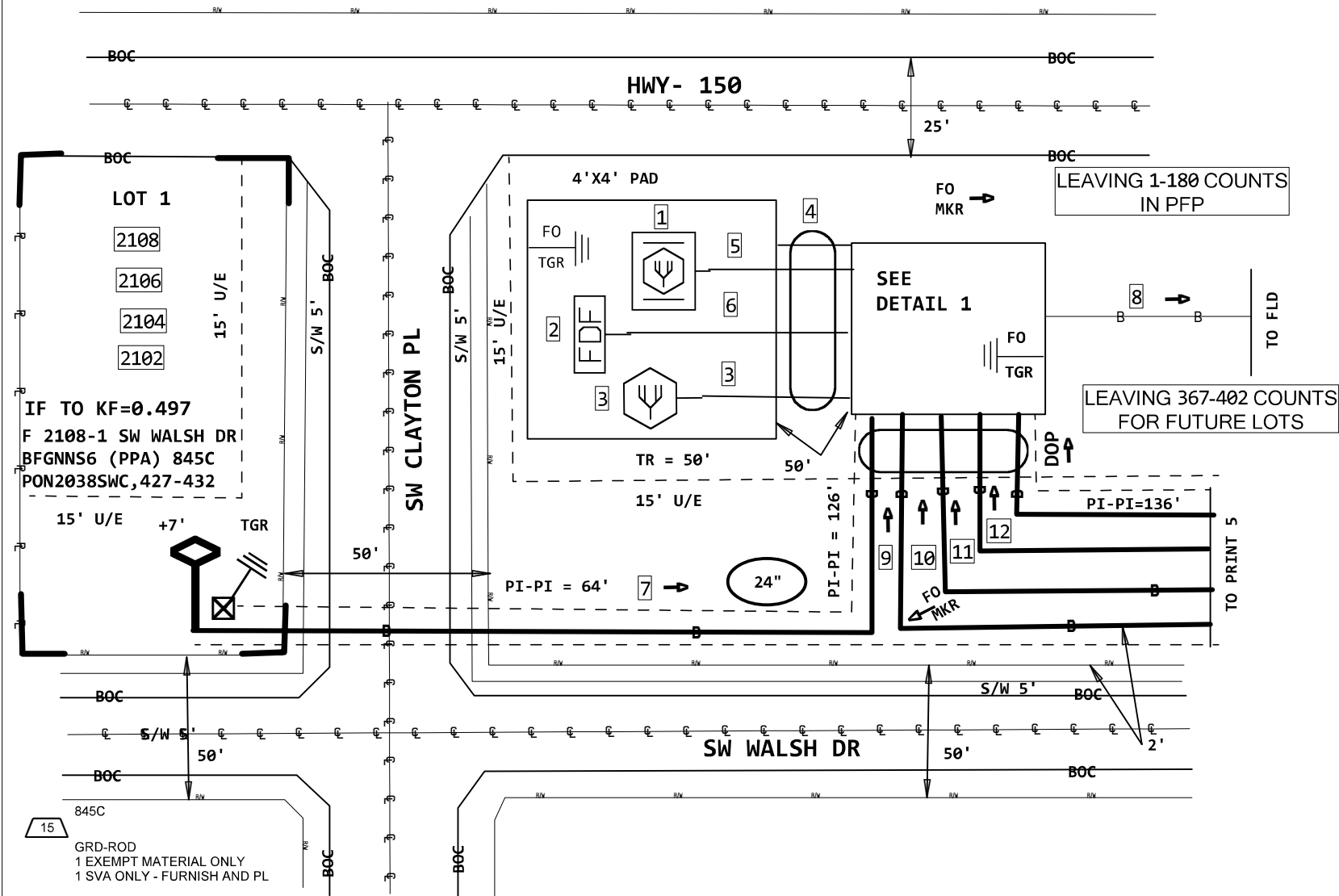
7 (PPA) 845C 259'
5BQ1M6-006
PON2038SWC, 235-240

Dist. Feeder Cable
2
0
6
0
0
0
6

WIRECENTER:LEES SUMMIT
NPANNX:816524

AMDOCS ENGINEER
CODY HANES
940-297-7373

PROJECT # A021B1L		DATE SVC REQ'D 12/01/2021	
DA 3220PB	GEO LOC EE4030	CLLI KSCYMO40	
PRIMARY ENGR.: SHEPARD, DARRIN W.			
ENGR. ID: DS616H		PERMIT REQ'D.	N
PHONE #: 8167720336		PRINT 3 OF 10	



- 15 845C
GRD-ROD
1 EXEMPT MATERIAL ONLY
1 SVA ONLY - FURNISH AND PL
- 20 845C
1 SPLICE FIBER NEW RIBBON Z

PLACED ON F1 JOB # A021C7C

- 1 R 2038-1 SW CLAYTON PL
BABMS432-100ST (PPA) 85C
SPT3220PB,1-64
PON2038SWC,1-432
- 2 R 2038-1 SW CLAYTON PL
FDF-036 (PPA) 85C
- 3 R 2038-1 SW CLAYTON PL
SPLSCAPC1X32LS (PPA) 85C
OLT1390HR,57-58
1X32 SPT3220PB,1-64
- 4 5' 4"-PVC (PPA) 4C
- 5 (PPA) 85C 100'
INV
PON2038SWC,1-432
- 6 (PPA) 85C
FDF STUB - 36
- 8 (PPA) 845C 0'
5BQ2MT-048
OLT1390HR,57-60
C,5-48

PROPOSED INNERDUCT DROPS FOR ENTIRE PROJECT

- 18 8645C
INNERDUCT1-1.5
513 EXEMPT MATERIAL ONLY
513 SVA ONLY - BORE ? INCLUDE
- 19 8645C
INNERDUCT1-1.25
165 EXEMPT MATERIAL ONLY
165 SVA ONLY - BORE ? INCLUDE
- 17 845C
INNERDUCT1-1.5
130 EXEMPT MATERIAL ONLY
130 ADDER: PLACE ADDITIONAL I

PROPOSED CABLES

- 11 845C
CONT-PL-CABLE
126 EXEMPT MATERIAL ONLY
126 ADDER: PLACE ADDITIONAL I
- 2 845C
5BQ1M6-006
247 MATERIAL ONLY
247 SVA ONLY - BORE ? INCLUDE
- 7 (PPA) 845C 247'
5BQ1M6-006
PON2038SWC,427-432
- 12 845C
CONT-PL-CABLE
362 EXEMPT MATERIAL ONLY
362 ADDER: PLACE ADDITIONAL I
- 1 845C
5BQ2MR-288
1008 MATERIAL ONLY
1008 SVA ONLY - BORE - INCL PU
- 9 (PPA) 845C 1008'
5BQ2MR-288
PON2038SWC,181-318
B,139-288
- 3 845C
5BQ2MT-048
1181 MATERIAL ONLY
1181 SVA ONLY - BORE - INCL PU
- 10 (PPA) 845C 1181'
5BQ2MT-048
PON2038SWC,319-366
- 4 845C
5BQ2MT-024
599 MATERIAL ONLY
599 SVA ONLY - ADDER: PULLBAC
- 11 (PPA) 845C 599'
5BQ2MT-024
PON2038SWC,403-414
B,1-12
- 5 845C
5BQ2MT-024
319 MATERIAL ONLY
319 SVA ONLY - ADDER: PULLBAC
- 12 (PPA) 845C 319'
5BQ2MT-024
PON2038SWC,415-426
A,1-12
- 16 845C
5BQ2MR-288
150 PLACE MATERIAL ONLY PER F
150 PLACE CABLE STUB BY SPLIC
- 13 (PPA) 845C 150'
5BQ2MR-288
PON2038SWC,181-432
A,253-288

PROPOSED MKR FOR ENTIRE PROJECT

- 13 845C
MARKER-POST
8 EXEMPT MATERIAL ONLY
8 SVA ONLY - PLACE CABLE MA

PROPOSED PED FOR ENTIRE PROJECT

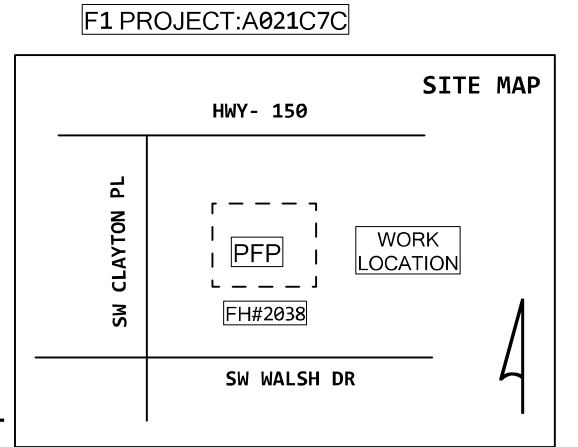
- 7 845C
HANDHOLE10X15
18 EXEMPT MATERIAL ONLY
18 SVA ONLY - PLACE BURIED S

PROPOSED FLOWERPOT FOR ENTIRE PROJECT

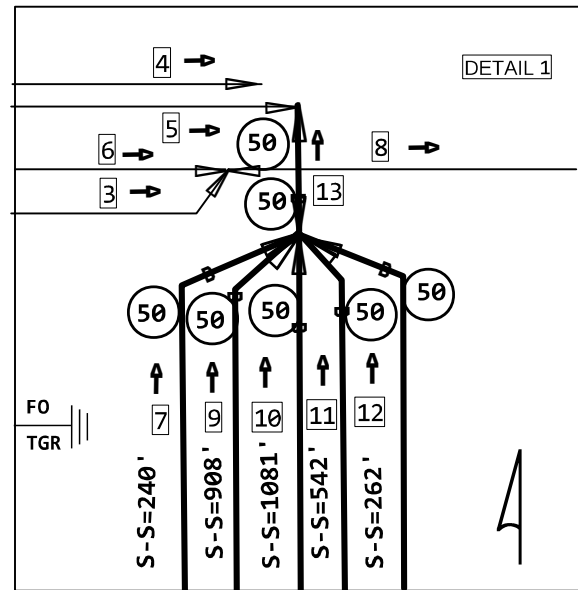
- 8 8645C
HANDHOLE10X15
10 EXEMPT MATERIAL ONLY
10 SVA ONLY - PLACE BURIED S

PROPOSED TERMINALS FOR ENTIRE JOB

- 9 845C
BFGNNS6
18 EXEMPT MATERIAL ONLY
18 SVA ONLY - PLACE PEDESTAL



14 845C
KFT TO PFP=0.100
42 SPLICE FIBER NEW RIBBON Z



FID: 97900533
NOTE: UNRELATED CABLES
OMITTED FOR PRINT CLARITY

HH 2038
HH-30X48X36 (PPA) 845C
3 X 5 X 3 = 45

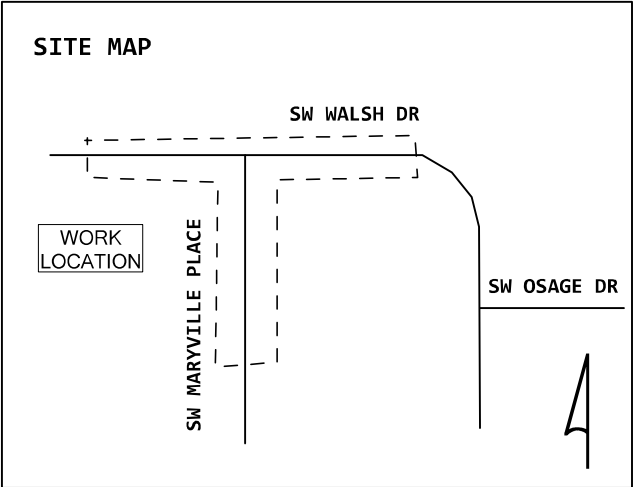
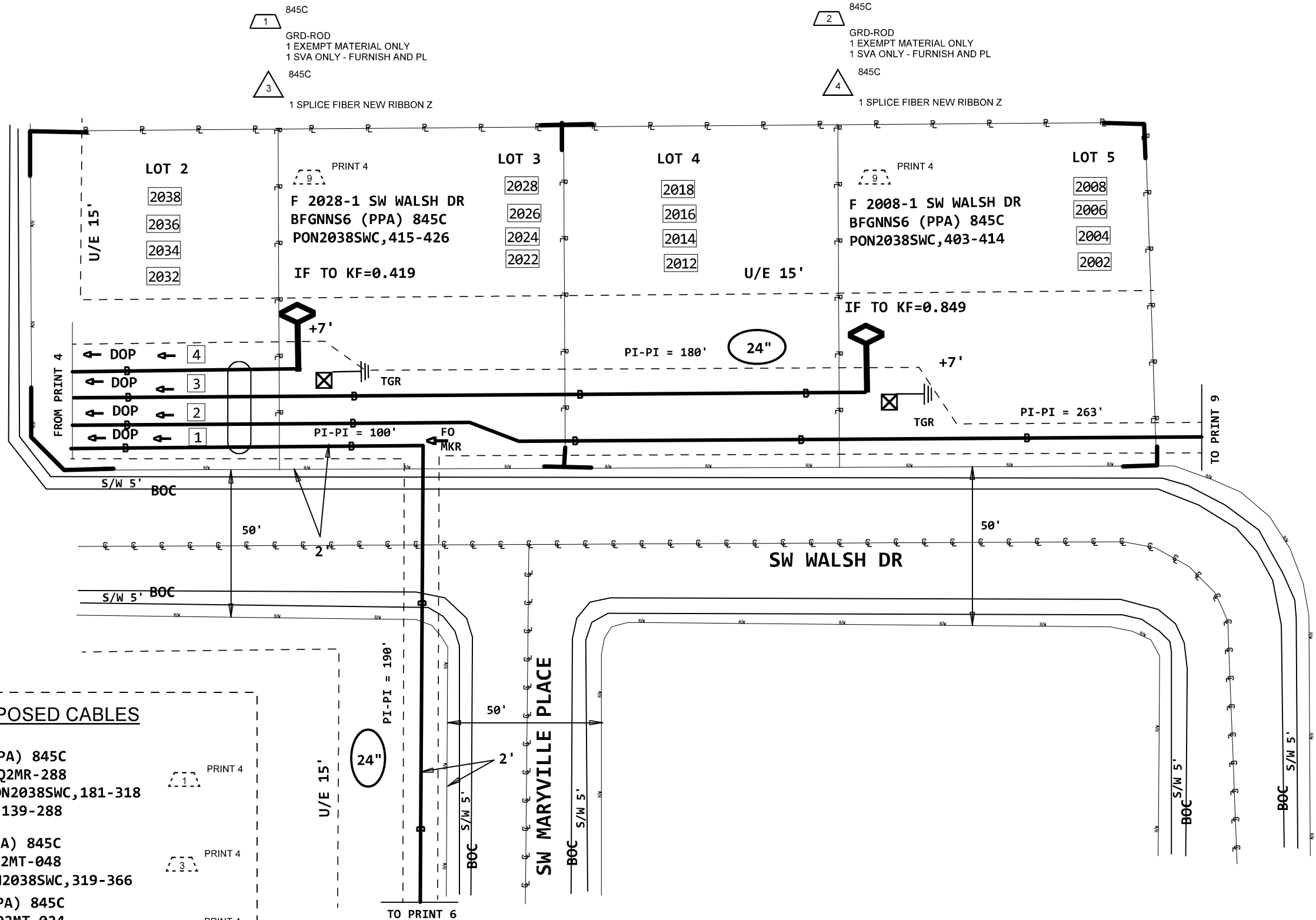
6 845C
KFT TO PFP=0.100
42 SPLICE FIBER NEW RIBBON Z

10 845C
@PFP FOR ALL TERMINATED STRANDS
156 TESTING FIBER FACILITIES

WIRECENTER:LEES SUMMIT
NPANNX:816524

AMDOCS ENGINEER
CODY HANES
940-297-7373

PROJECT # A021B1L		DATE SVC REQ'D 12/01/2021	
DA 3220PB	GEO LOC EE4030	CLLI KSCYMO40	
PRIMARY ENGR.: SHEPARD, DARRIN W.			
ENGR. ID: DS616H		PERMIT REQ'D.	N
PHONE #: 8167720336		PRINT 4 OF 10	



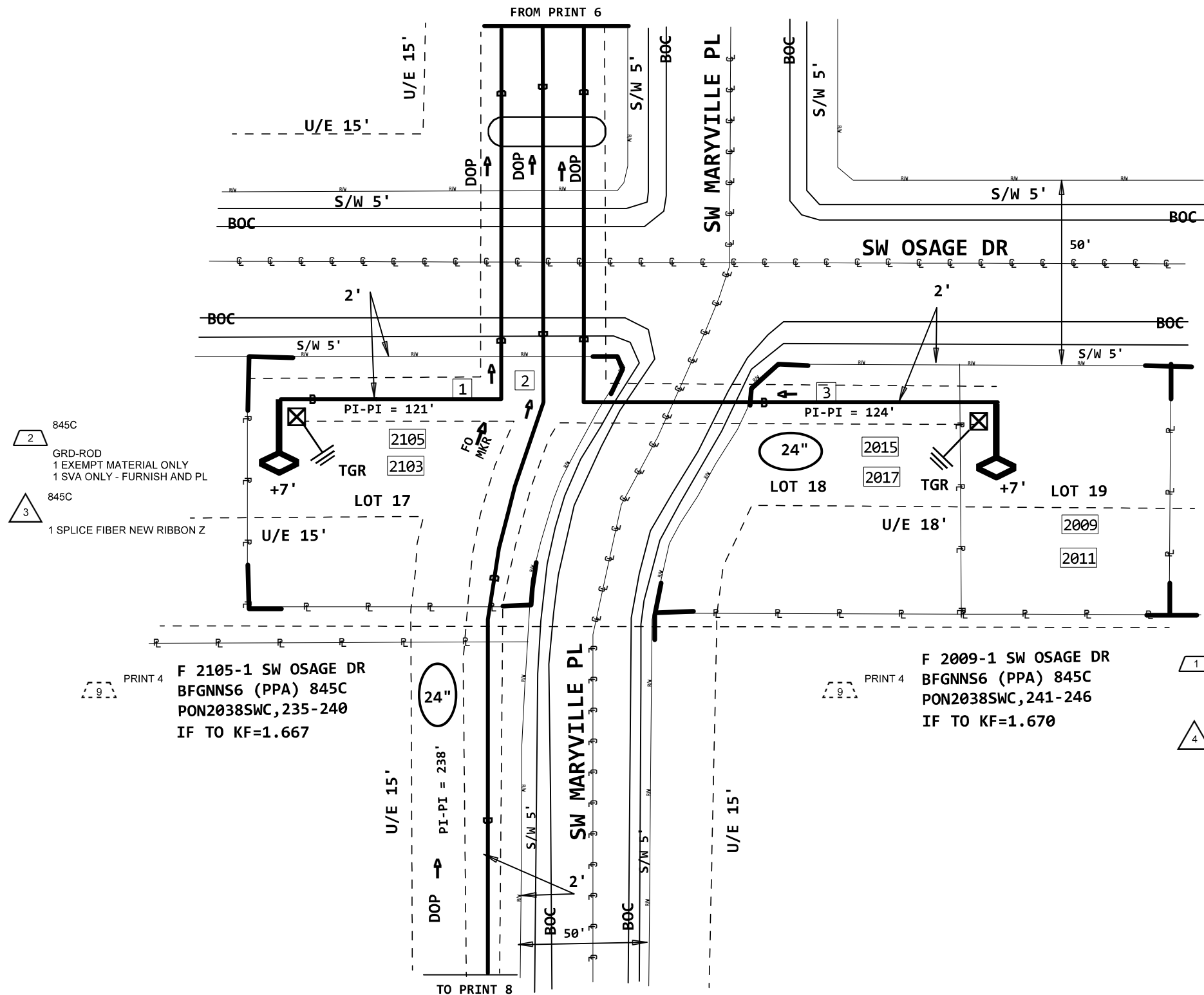
PROPOSED CABLES

- 1 (PPA) 845C 5BQ2MR-288 PON2038SWC,181-318 B,139-288
- 2 (PPA) 845C 5BQ2MT-048 PON2038SWC,319-366
- 3 (PPA) 845C 5BQ2MT-024 PON2038SWC,403-414 B,1-12
- 4 (PPA) 845C 5BQ2MT-024 PON2038SWC,415-426 A,1-12

WIRECENTER:LEES SUMMIT
NPANNX:816524

AMDOCS ENGINEER
CODY HANES
940-297-7373

PROJECT # A021B1L		DATE SVC REQ'D 12/01/2021	
DA 3220PB	GEO LOC EE4030	CLLI KSCYMO40	
PRIMARY ENGR.: SHEPARD, DARRIN W.			
ENGR. ID: DS616H		PERMIT REQ'D.	N
PHONE #: 8167720336		PRINT 5 OF 10	



PROPOSED CABLES

1 (PPA) 845C
5BQ1M6-006
PON2038SWC, 235-240

PRINT 6

2 (PPA) 845C
5BQ2MT-144
PON2038SWC, 181-234
C, 55-144

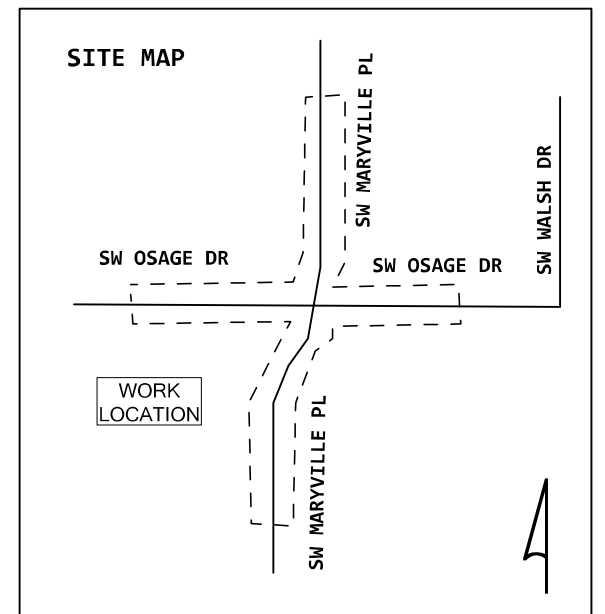
PRINT 6

3 (PPA) 845C
5BQ1M6-006
PON2038SWC, 241-246

PRINT 6

1 845C
GRD-ROD
1 EXEMPT MATERIAL ONLY
1 SVA ONLY - FURNISH AND PL

4 845C
1 SPLICE FIBER NEW RIBBON Z



WIRECENTER:LEES SUMMIT
NPANNX:816524

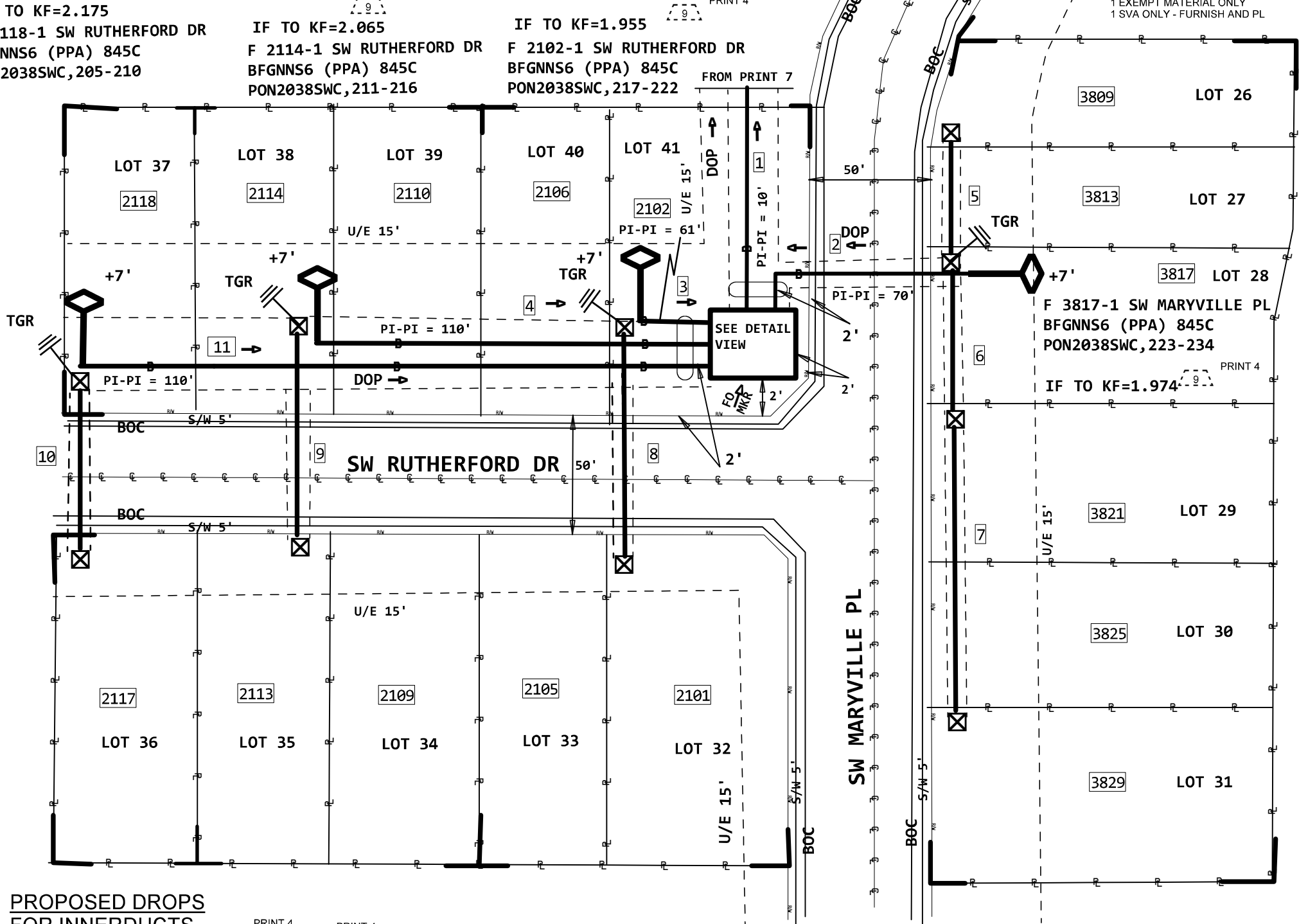
AMDOCS ENGINEER
CODY HANES
940-297-7373

PROJECT # A021B1L		DATE SVC REQ'D 12/01/2021	
DA 3220PB	GEO LOC EE4030	CLLI KSCYMO40	
PRIMARY ENGR.: SHEPARD, DARRIN W.			
ENGR. ID: DS616H		PERMIT REQ'D.	N
PHONE #: 8167720336		PRINT 7	OF 10

15 845C 1 SPLICE FIBER NEW RIBBON Z
16 845C 1 SPLICE FIBER NEW RIBBON Z
17 845C 1 SPLICE FIBER NEW RIBBON Z
LEAVING 181-204 FIBERS FOR FUTURE LOTS

14 845C GRD-ROD
1 EXEMPT MATERIAL ONLY
1 SVA ONLY - FURNISH AND PL
1 845C GRD-ROD
1 EXEMPT MATERIAL ONLY
1 SVA ONLY - FURNISH AND PL

PRINT 4
IF TO KF=2.175
F 2118-1 SW RUTHERFORD DR
BFGNNS6 (PPA) 845C
PON2038SWC, 205-210
PRINT 4
IF TO KF=2.065
F 2114-1 SW RUTHERFORD DR
BFGNNS6 (PPA) 845C
PON2038SWC, 211-216
PRINT 4
IF TO KF=1.955
F 2102-1 SW RUTHERFORD DR
BFGNNS6 (PPA) 845C
PON2038SWC, 217-222



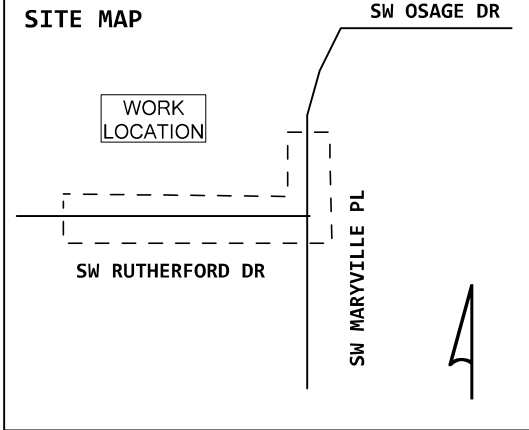
PROPOSED DROPS FOR INNERDUCTS

- 5 55' INNERDUCT1-1.5 (PPA) 8645C
10 54' INNERDUCT1-1.5 (PPA) 8645C
8 54' INNERDUCT1-1.5" (PPA) 8645C
9 54' INNERDUCT1-1.5" (PPA) 8645C

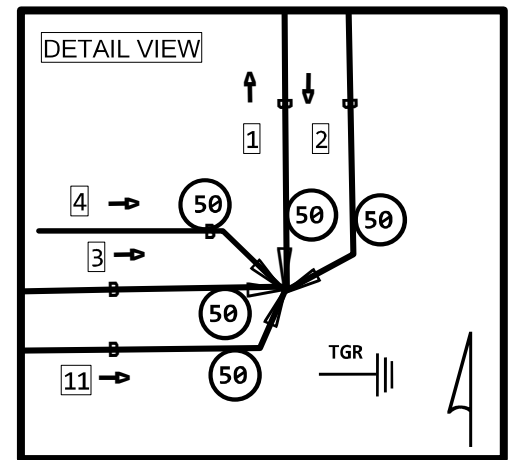
- 6 55' INNERDUCT1-1.25 (PPA) 8645C
7 110' INNERDUCT1-1.25 (PPA) 8645C

PROPOSED CABLES

- 12 PRINT 6
1 (PPA) 845C 5BQ2MT-144
PON2038SWC, 181-234 C, 55-144
2 845C CONT-PL-CABLE
10 EXEMPT MATERIAL ONLY
10 ADDER: PLACE ADDITIONAL I
7 845C 5BQ2MT-024
137 MATERIAL ONLY
137 SVA ONLY - BORE ? INCLUDE
2 (PPA) 845C 137' 5BQ2MT-024
PON2038SWC, 223-234 H, 1-12
8 845C 5BQ1M6-006
118 MATERIAL ONLY
118 SVA ONLY - ADDER: PULLBAC
3 (PPA) 845C 118' 5BQ1M6-006
PON2038SWC, 217-222
9 845C CONT-PL-CABLE
228 EXEMPT MATERIAL ONLY
228 ADDER: PLACE ADDITIONAL I
4 (PPA) 845C 228' 5BQ1M6-006
PON2038SWC, 211-216
6 845C 5BQ1M6-006
338 MATERIAL ONLY
338 SVA ONLY - BORE ? INCLUDE
11 (PPA) 845C 338' 5BQ1M6-006
PON2038SWC, 205-210



- 10 845C HH-30X48X36
1 EXEMPT MATERIAL ONLY
1 SVA ONLY - PLACE/REPLACE
11 845C GRD-ROD
1 EXEMPT MATERIAL ONLY
1 SVA ONLY - FURNISH AND PL
1 SVA ONLY - ADDER: EACH AD
13 845C KFT TO PFP=1.837
5 SPLICE FIBER NEW RIBBON Z
TIER-15
HH-2102
HH-30X48X36 (PPA) 4C
2.5 X 4 X 3 = 30
PID:100006177
FID: 97926388



WIRECENTER:LEES SUMMIT
NPANNX:816524

AMDOCS ENGINEER
CODY HANES
940-297-7373

PROJECT # A021B1L		DATE SVC REQ'D 12/01/2021	
DA 3220PB	GEO LOC EE4030	CLLI KSCYMO40	
PRIMARY ENGR.: SHEPARD, DARRIN W.			
ENGR. ID: DS616H		PERMIT REQ'D.	N
PHONE #: 8167720336		PRINT 8 OF 10	

- 845C
17
1 SPLICE FIBER NEW RIBBON Z
- 845C
1
GRD-ROD
1 EXEMPT MATERIAL ONLY
1 SVA ONLY - FURNISH AND PL

PRINT 4
9
IF TO KF=1.757
F 3716-1 SW WALSH DR
BFGNNS6 (PPA) 845C
PON2038SWC, 337-348

PROPOSED CABLES

- 845C
6
5BQ2MT-024
150 PLACE MATERIAL ONLY PER F
150 PLACE CABLE STUB BY SPLIC
- 8 (PPA) 845C 150'
5BQ2MT-024
PON2038SWC, 319-336
A, 19-24

- PRINT 4
3
(PPA) 845C
5BQ2MT-048
PON2038SWC, 319-366

- 845C
4
CONT-PL-CABLE
75 EXEMPT MATERIAL ONLY
75 ADDER: PLACE ADDITIONAL I

- 845C
9
5BQ2MT-024
326 MATERIAL ONLY
326 SVA ONLY - BORE ? INCLUDE

- 4 (PPA) 845C 326'
5BQ2MT-024
PON2038SWC, 337-348
C, 1-12

- 845C
10
5BQ1M6-006
450 MATERIAL ONLY
450 SVA ONLY - BORE ? INCLUDE

- 5 (PPA) 845C 450'
5BQ1M6-006
PON2038SWC, 319-324

- 845C
11
5BQ1M6-006
217 MATERIAL ONLY
217 SVA ONLY - ADDER: PULLBAC

- 6 (PPA) 845C 217'
5BQ1M6-006
PON2038SWC, 331-336

- 845C
8
5BQ1M6-006
333 MATERIAL ONLY
333 SVA ONLY - ADDER: PULLBAC

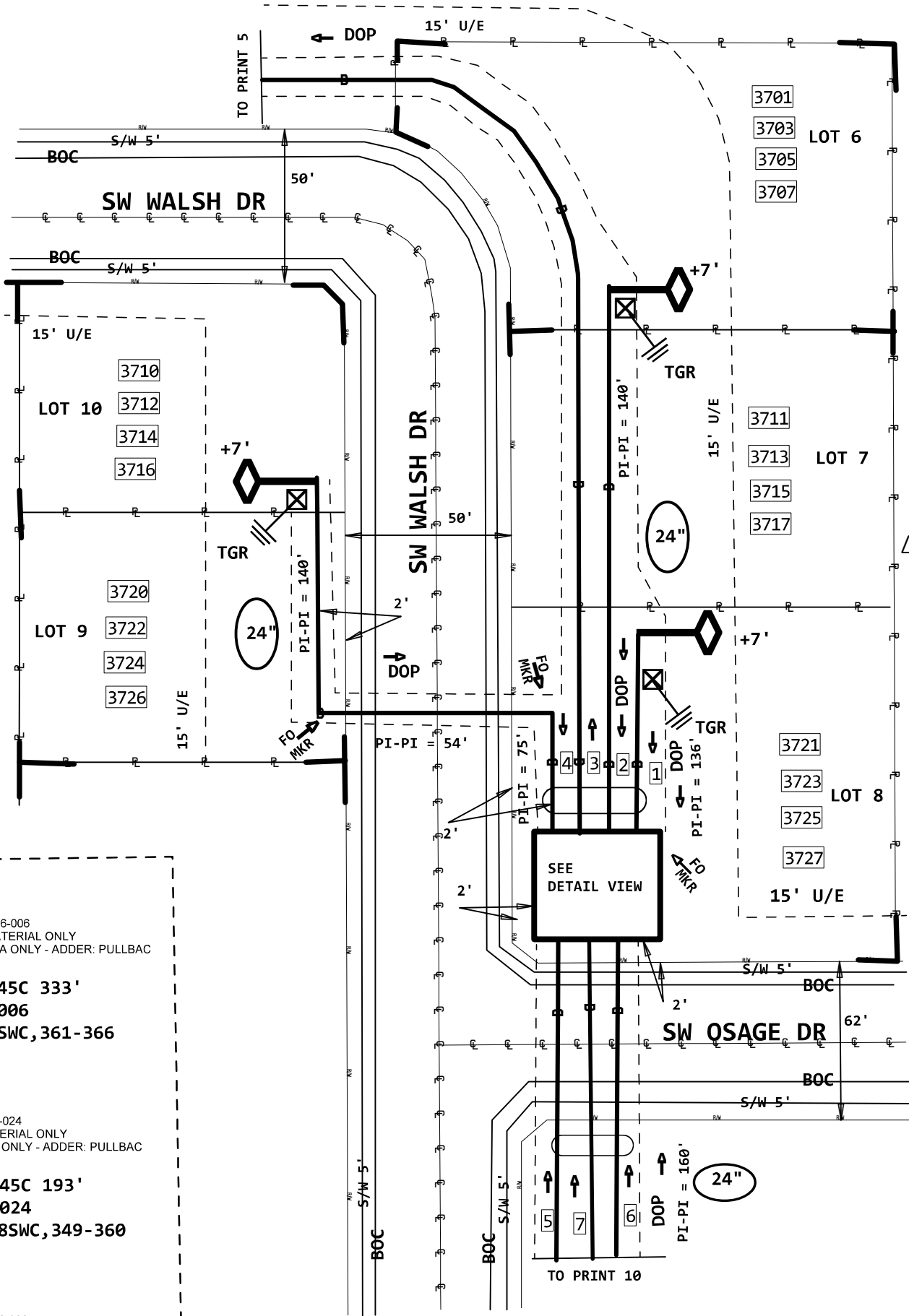
- 2 (PPA) 845C 333'
5BQ1M6-006
PON2038SWC, 361-366

- 845C
7
5BQ2MT-024
193 MATERIAL ONLY
193 SVA ONLY - ADDER: PULLBAC

- 1 (PPA) 845C 193'
5BQ2MT-024
PON2038SWC, 349-360
D, 1-12

- 845C
2
5BQ1M6-006
351 MATERIAL ONLY
351 SVA ONLY - ADDER: PULLBAC

- 7 (PPA) 845C 351'
5BQ1M6-006
PON2038SWC, 325-330



- 845C
18
1 SPLICE FIBER NEW RIBBON Z
- 845C
3
GRD-ROD
1 EXEMPT MATERIAL ONLY
1 SVA ONLY - FURNISH AND PL

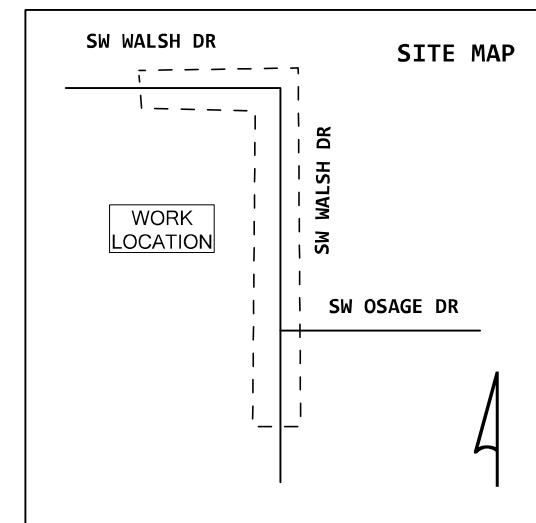
F 3707-1 SW WALSH DR
BFGNNS6 (PPA) 845C
PON2038SWC, 361-366
IF TO KF=1.764

- 845C
19
1 SPLICE FIBER NEW RIBBON Z
- 845C
5
GRD-ROD
1 EXEMPT MATERIAL ONLY
1 SVA ONLY - FURNISH AND PL

F 3721-1 SW WALSH DR
BFGNNS6 (PPA) 845C
PON2038SWC, 349-360
IF TO KF=1.624

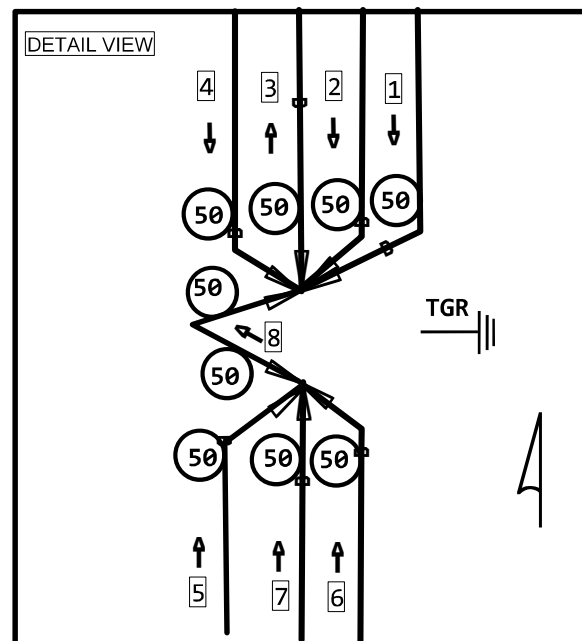
- 845C
15
KFT TO PFP=1.431
8 SPLICE FIBER NEW RIBBON Z

- 845C
16
14 SPLICE FIBER NEW RIBBON Z



PID: 100006177
TIER-15
HH-3721
HH-30X48X36" (PPA) 845C
2.5X4X5 = 30

FID: 97926364



WIRECENTER: LEES SUMMIT
NPANNX: 816524

AMDOCS ENGINEER
CODY HANES
940-297-7373

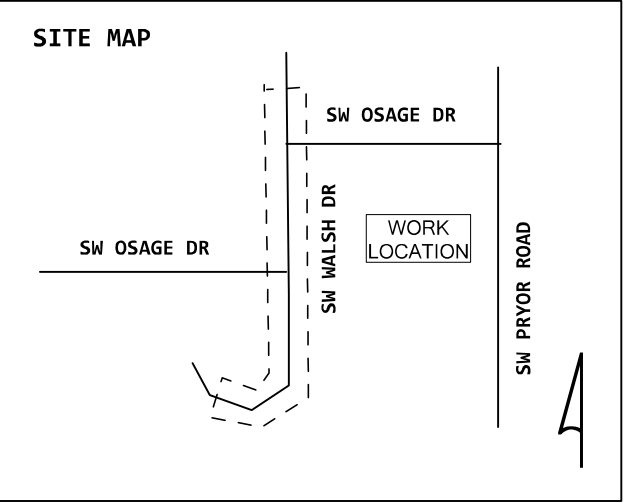
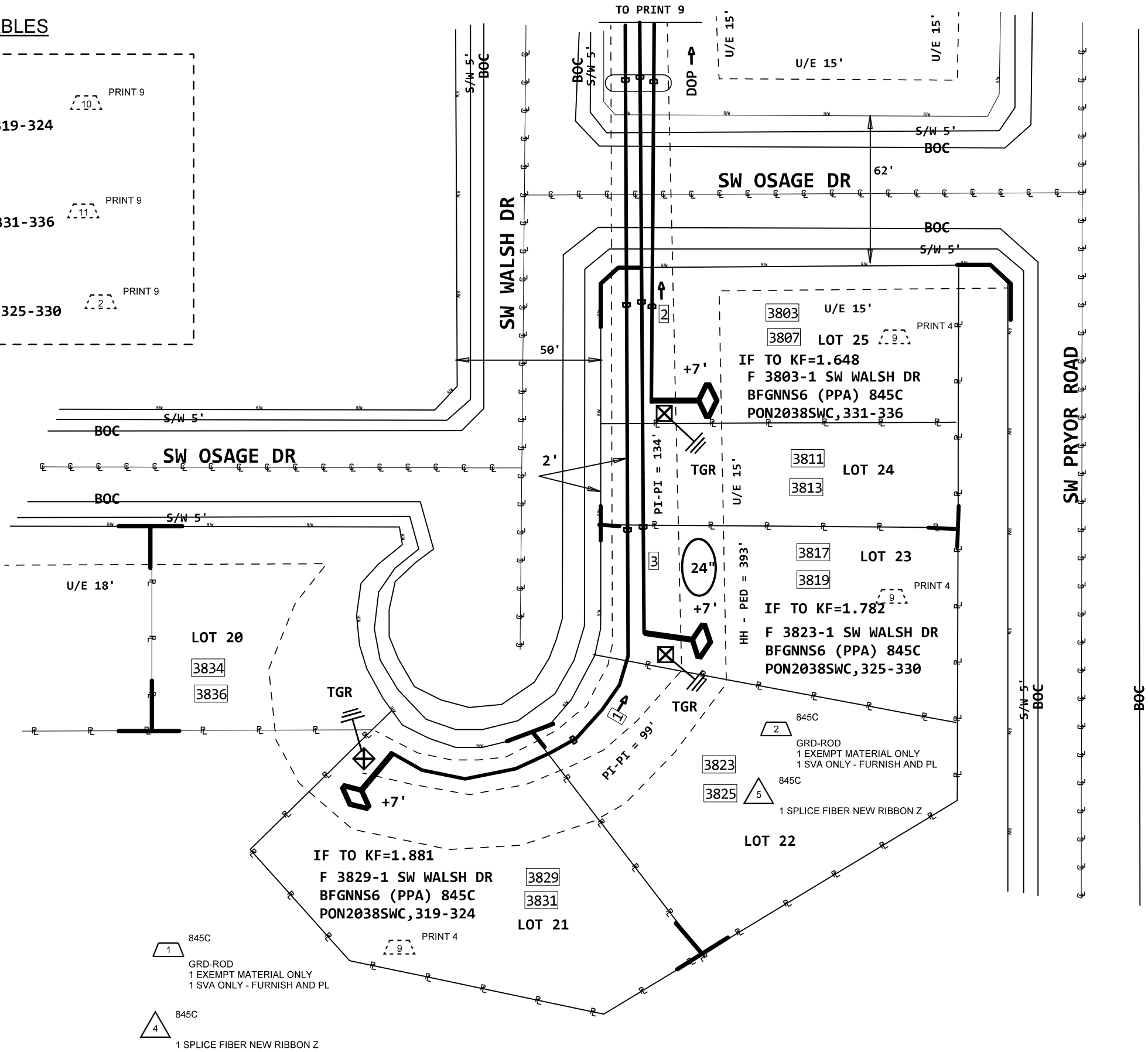
PROJECT # A021B1L		DATE SVC REQ'D 12/01/2021	
DA 3220PB	GEO LOC EE4030	CLLI KSCYMO40	
PRIMARY ENGR.: SHEPARD, DARRIN W.			
ENGR. ID: DS616H		PERMIT REQ'D.	N
PHONE #: 8167720336		PRINT 9 OF 10	

PROPOSED CABLES

1 (PPA) 845C
5BQ1M6-006
PON2038SWC, 319-324

2 (PPA) 845C
5BQ1M6-006
PON2038SWC, 331-336

3 (PPA) 845C
5BQ1M6-006
PON2038SWC, 325-330



- 3 845C
GRD-ROD
1 EXEMPT MATERIAL ONLY
1 SVA ONLY - FURNISH AND PL
- 6 845C
1 SPLICE FIBER NEW RIBBON Z

WIRECENTER:LEES SUMMIT
NPANNX:816524

AMDOCS ENGINEER
CODY HANES
940-297-7373

PROJECT # A021B1L		DATE SVC REQ'D 12/01/2021	
DA 3220PB	GEO LOC EE4030	CLLI KSCYMO40	
PRIMARY ENGR.: SHEPARD, DARRIN W.			
ENGR. ID: DS616H		PERMIT REQ'D.	N
PHONE #: 8167720336		PRINT 10 OF 10	