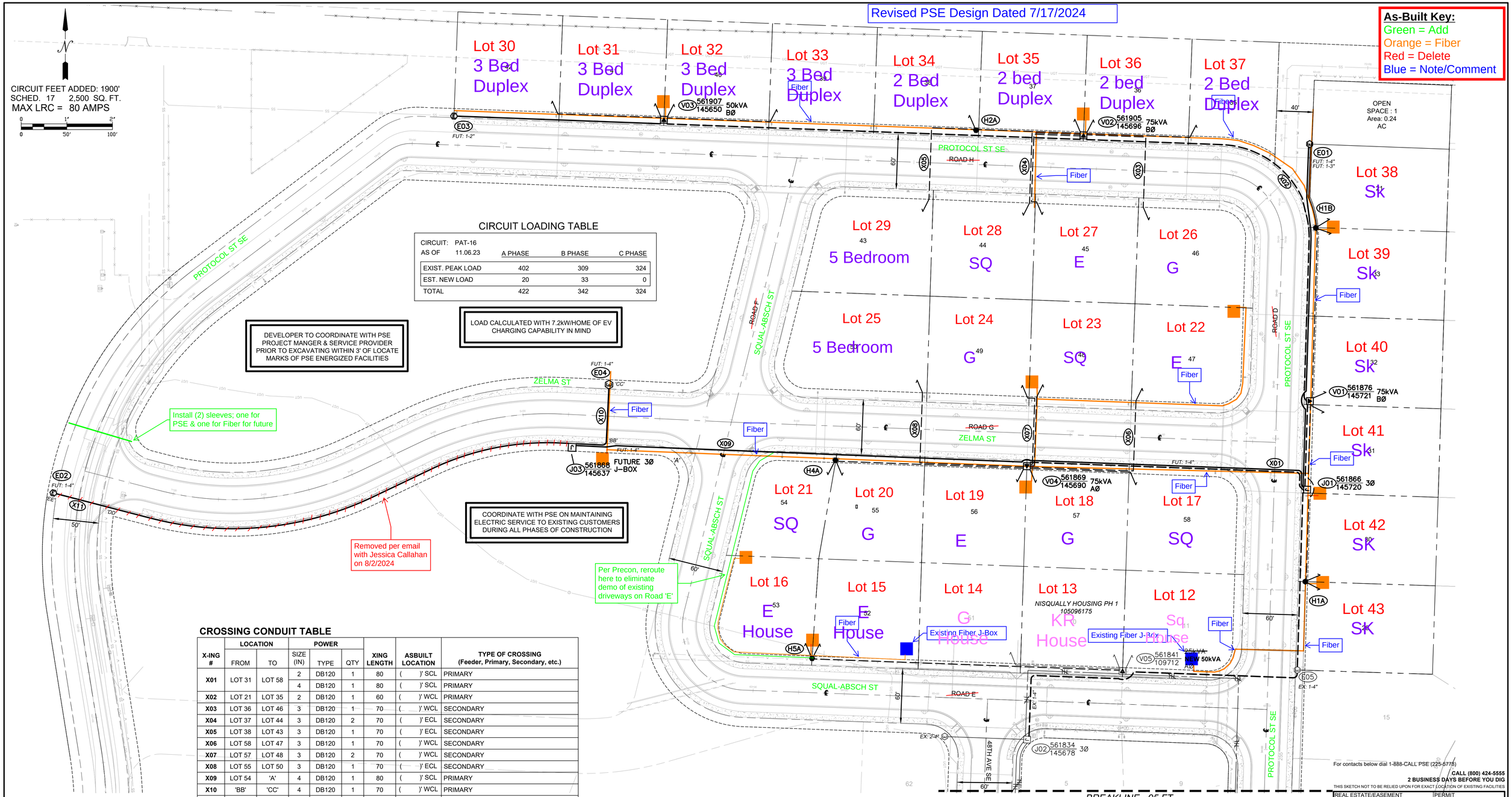
Revised PSE Design Dated 7/17/2024

As-Built Key:
Green = Add
Orange = Fiber
Red = Delete
Blue = Note/Comment

CIRCUIT FEET ADDED: 1900'
SCHED. 17 2,500 SQ. FT.
MAX LRC = 80 AMPS



CIRCUIT LOADING TABLE

CIRCUIT: PAT-16 AS OF 11.06.23	A PHASE	B PHASE	C PHASE
EXIST. PEAK LOAD	402	309	324
EST. NEW LOAD	20	33	0
TOTAL	422	342	324

DEVELOPER TO COORDINATE WITH PSE PROJECT MANGER & SERVICE PROVIDER PRIOR TO EXCAVATING WITHIN 3' OF LOCATE MARKS OF PSE ENERGIZED FACILITIES

LOAD CALCULATED WITH 7.2kW/HOME OF EV CHARGING CAPABILITY IN MIND

COORDINATE WITH PSE ON MAINTAINING ELECTRIC SERVICE TO EXISTING CUSTOMERS DURING ALL PHASES OF CONSTRUCTION

CROSSING CONDUIT TABLE

X-ING #	LOCATION FROM	LOCATION TO	POWER SIZE (IN)	POWER TYPE	POWER QTY	XING LENGTH	ASBUILT LOCATION	TYPE OF CROSSING (Feeder, Primary, Secondary, etc.)
X01	LOT 31	LOT 58	2	DB120	1	80	( )' SCL	PRIMARY
			4	DB120	1	80	( )' SCL	PRIMARY
X02	LOT 21	LOT 35	2	DB120	1	60	( )' WCL	PRIMARY
X03	LOT 36	LOT 46	3	DB120	1	70	( )' WCL	SECONDARY
X04	LOT 37	LOT 44	3	DB120	2	70	( )' ECL	SECONDARY
X05	LOT 38	LOT 43	3	DB120	1	70	( )' ECL	SECONDARY
X06	LOT 58	LOT 47	3	DB120	1	70	( )' WCL	SECONDARY
X07	LOT 57	LOT 48	3	DB120	2	70	( )' WCL	SECONDARY
X08	LOT 55	LOT 50	3	DB120	1	70	( )' ECL	SECONDARY
X09	LOT 54	'A'	4	DB120	1	80	( )' SCL	PRIMARY
X10	'BB'	'CC'	4	DB120	1	70	( )' WCL	PRIMARY
X11	'DD'	'EE'	4	DB120	1	60	( )' SCL	PRIMARY

2" DB120 GREY PVC = 140 FT — 2" PVC PLUG /CAPS = 4
3" DB120 GREY PVC = 560 FT — 3" PVC PLUG /CAPS = 16
4" DB120 GREY PVC = 290 FT — 4" PVC PLUG /CAPS = 8

SITE PLAN
1" = 50'

Developer Note:

The following Fault Current information MUST BE conveyed to the builder of the units:
All units may require upgraded house electrical equipment as the fault current at the meter base may exceed 10,000 amps.

FAULT CURRENT TABLE

1Ø PM TRANSFORMERS (240/120V)						
			120V WINDINGS		240V WINDINGS	
LOCATION	SIZE	R/X	MIN. %Z	FAULT CURRENT	MIN. %Z	FAULT CURRENT
V03, V05	50kVA	0.5	2.34	26,700 AMPS	1.80	17,400 AMPS
V01, V02 & V04	75kVA	0.5	2.30	36,200 AMPS	1.80	23,100 AMPS

For contacts below dial 1-888-CALL PSE (225-5775)
CALL (800) 424-5555
2 BUSINESS DAYS BEFORE YOU DIG
THIS SKETCH NOT TO BE RELIED UPON FOR EXACT LOCATION OF EXISTING FACILITIES

REV#	DATE	BY	DESCRIPTION
3	.	.	.
2	.	.	.
1	.	.	.

COUNTY	Emer Sect	Gas Wk Ctr	POWER WK CTR
THURSTON	N/A	N/A	QSTHLE
1/4 SEC	OP MAP		PLAT MAP
33SE-T18N-R01E	N/A		N/A

U-MAP NO (POWER)	OH CKT MAP	UG CKT MAP	CIRCUIT NO
1801E132	1701E008	1801E129	PAT-16

REAL ESTATE/EASEMENT		PERMIT
REDT # (RW-123835)		N/A
FUNCTION	**CONTACT**	**PHONE NO** / **DATE**
PROJECT MGR	J. CALLAHAN	206.503.1520 / .
ENGR - POWER	A. DUNN	206.437.9150 / 07.10.23
ENGR - GAS	N/A	. / N/A
DRAWN BY	D. WALKER	. / 07.06.23
CHECKED BY	C.TRAN	7.17.24
APPROVED BY	Lee J. Brown	425-417-8650 / 7/17/24
FOREMAN #1		
FOREMAN #2		
MAPPING		

JOINT FACILITIES ARRANGEMENTS

UTILITIES	COMCAST	LUMEN	RIGHT OF WAY
CONTACT	TED AXTELL	DIONI CARIAGA	CAROLYN BANASKY
PHONE#	253.878.2794	360.250.2596	253.476.6416

PUGET SOUND ENERGY

NISQUALLY HOUSING PH 2

3Ø PRIMARY U/G LINE EXTENSION - 29 S/F LOTS
12329 48TH AVE SE, OLYMPIA, WA 98513

DESIGNED BY PUGET SOUND ENERGY

INCIDENT	MAOP
N/A	N/A
Gas Order	Elect Order
N/A	105105511
SCALE	PAGE
1" = 50'	2 OF 5

Jul 15, 2024 – 2:57pm J:\PLATS\Callahan\Nisqually Housing Development Ph 2 – 105105511\Design\PSE Design\ AD PSE FINAL 105105511 NISQUALLY HOUSING PH 2.dwg

7/15/2024 2:57 PM dpouls – dunn, alexandra