



PROJECT INFORMATION
 PROJECT DESCRIPTION: NEW ELECTRICAL SERVICE PANEL/SWITCH GEAR AND ASSOCIATED SITE IMPROVEMENTS
 MUNICIPALITY: SONOMA COUNTY
 ZONING: CR, HD SR
 OCCUPANCY: M
 CONSTRUCTION TYPE: V-B
 NUMBER OF STORIES: 1

PROJECT TEAM:
 ELECTRICAL CONTRACTOR (RESPONSIBLE PROFESSIONAL IN CHARGE):
 JOE FORTUNA ELECTRIC CO, INC
 LICENSE #5568966
 ATTN: GABE FORTUNA
 PO BOX 7420
 SANTA ROSA, CA 95407
 PH: (707) 526-6599

DRAFTER:
 TOWNSEND RESIDENTIAL DESIGN
 ATTN: CHRIS TOWNSEND
 PO BOX 1629
 HEALDSBURG, CA 95448
 PH: (707) 235-3155

DRAWING INDEX

Sheet Number	Sheet Name
A1.0	SITE PLAN
A3.0	ELEVATION, SECTION, DETAILS, AND SPECIFICATION

KEYNOTES

KEY VALUE	KEYNOTE TEXT
AB-EL01	EXISTING METER PANEL, FED BY OVERHEAD SERVICE DROP, TYPICAL OF 5. PANELS LOCATED ON UPPER DECK OF BUILDING TO BE RE-FED BY UNDERGROUND MEANS FROM NEW 600AMP FREESTANDING METER/PANEL LOCATION.
AB-EL02	EXISTING PG&E 400AMP TERM. CAN, FURNISHED AND INSTALLED BY C&C UTILITY (NOT PART OF JFE SCOPE OF WORK)
AB-EL03	EXISTING PG&E #5 BOX, FURNISHED AND INSTALLED BY C&C UTILITY (NOT PART OF JFE SCOPE OF WORK)
AB-EL04	(3) EXISTING 4" CONDUITS FROM PG&E #5 BOX TOWARDS FREESTONE STORE TERMINATION CAN, FURNISHED AND INSTALLED BY C&C UTILITY. (2) 4" CONDUITS TO STOP AT THIS POINT AND (1) 4" TO BE CONTINUED BY C&C UTILITY TO 400AMP TERM CAN ON BUILDING (NOT PART OF JFE SCOPE OF WORK).
AB-SI12	EXISTING TREE TO REMAIN, TYPICAL
D-SI01	REMOVE EXISTING ROCK WALL, IF NECESSARY
N-EL01	(2) NEW 4" PVC CONDUITS, CONTINUED FROM THIS POINT TO THE 600AMP SWITCHBOARD, BY JOE FORTUNA ELECTRIC CO., INC.
N-EL02	NEW PG&E SPEC. UNDERGROUND-FED 600AMP 120/240VOLT, SINGLE-PHASE FREESTANDING 5-METER SERVICE PANEL/SWITCHBOARD (122"L X 97"H X 37"D), FURNISHED AND INSTALLED BY JOE FORTUNA ELECTRIC CO. SEE SPECIFICATION FOR MORE INFORMATION.
N-EL03	(2) NEW 4" PVC CONDUITS TO BE CONTINUED FROM THIS POINT TO 600 AMP SWITCHBOARD BY JOE FORTUNA ELECTRIC CO., INC.
N-SI01	NEW CONCRETE PAD FOR FREESTANDING 600AMP SERVICE METER PANEL. SLAB TO BE 144"L X 96"D X 5 1/2" THICK. #4 RE-BAR ON 12"x12" GRID OVER CRUSHED ROCK OVER COMPACTED SUBGRADE.
N-SI02	NEW 48" MAX TALL PRESSURE-TREATED RETAINING WALL: 2X12 BOARDS ON 4X6 POSTS, TYPICAL ON BACK SIDE OF 600AMP SWITCHBOARD. SEE ARCHITECTURAL DETAIL FOR MORE INFORMATION.
N-SI03	NEW 16'L X 8'H WOOD LATTICE SCREEN ON 4X6 PRESSURE TREATED WOOD POSTS AND 2X6 PRESSURE TREATED RAILS. PROVIDE 2X8 PRESSURE TREATED WOOD CAP. SEE ARCHITECTURAL DETAIL FOR MORE INFORMATION.
N-SI04	NEW SHRUBS (RIBES AND COFFEE BERRIES), PLANTED ON STREET SIDE OF LATTICE SCREEN, APPROXIMATE 6' X 6' SPREAD.

SCOPE OF WORK:
 RE-FEED (E) BUILDING FROM (N) 600AMP, 5 METER FREESTANDING SERVICE PANEL/SWITCH GEAR BY UNDERGROUND CONDUITS TO SIDE OF BUILDING AND SUB PANELS.
 • 1-3" PVC SCH.40 CONDUIT FOR (EXISTING) STORE SUB PANEL WITH ONE 200AMP 4WIRE FEEDER 3X40 COPPER CONDUCTORS & 1-#8 COPPER GROUND, COMMERCIAL.
 • 1-2" PVC SCH.40 CONDUIT FOR (EXISTING) RETAIL SPACE SUB PANEL WITH ONE 100AMP 4WIRE FEEDER, 3X#2 COPPER CONDUCTORS & 1-#8 COPPER GROUND, COMMERCIAL.
 • 1-2" PVC SCH.40 CONDUIT FOR (EXISTING) HOUSE SUB PANEL WITH ONE 100AMP 4WIRE FEEDER, 3X#2 COPPER CONDUCTORS & 1-#8 COPPER GROUND, COMMERCIAL.
 • 1-2" PVC SCH.40 CONDUIT FOR (EXISTING) UPPER LIVING UNIT SUB PANEL WITH ONE 100AMP 4WIRE FEEDER, 3X#2 COPPER CONDUCTORS & 1-#8 COPPER GROUND, RESIDENTIAL.
 • 1-2" PVC SCH.40 CONDUIT FOR (EXISTING) UPPER LIVING UNIT SUB PANEL WITH ONE 100AMP 4WIRE FEEDER, 3X#2 COPPER CONDUCTORS & 1-#8 COPPER GROUND, RESIDENTIAL.

1 SITE PLAN
 1/8" = 1'-0"

PLAN DATE & PURPOSE:

NO.	DESCRIPTION	DATE

TOWNSEND
 RESIDENTIAL DESIGN
 PO BOX 1629, HEALDSBURG, CA 95448
 PH: 707.235.3155

FREESTONE STORE ELECTRICAL IMPROVEMENTS
 500 BOHEMIAN HIGHWAY
 FREESTONE, CA 95465
 APN: 073-120-001

SITE PLAN

DESIGNER SIGNATURE: *Chris Townsend*
 PROJECT NUMBER: 25023

SHEET NUMBER: **A1.0**

