

TITLE SHEET
TRINIDAD HARBOR AND
TRIBAL OPERATIONS GENERATORS

FOR
TRINIDAD RANCHERIA
1 CHER-AE LANE
TRINIDAD, CA 95573

BUILDING CODE COMPLIANCE

BUILDING SHALL COMPLY WITH 2019 CALIFORNIA BUILDING CODE (CBC), 2019 CALIFORNIA PLUMBING CODE (CPC), 2019 CALIFORNIA MECHANICAL CODE (CMC), 2019 CALIFORNIA ELECTRICAL CODE (CEC), 2019 CALIFORNIA ENERGY EFFICIENCY STANDARDS CODE, 2019 CALIFORNIA FIRE CODE (CFC), 2019 GREEN BUILDING STANDARDS CODES, AND ALL APPLICABLE CODES.

CONTRACTOR ALERT!

CONTRACTOR MUST CONTACT USA DIG AT 800-227-2600 AT LEAST 72 HOURS BEFORE ANY EARTHWORK OR ACTIVITIES THAT MAY IMPACT EXISTING UNDERGROUND UTILITIES.

EXISTING UTILITY ALIGNMENTS BOTH HORIZONTALLY AND VERTICALLY MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION ACTIVITIES.

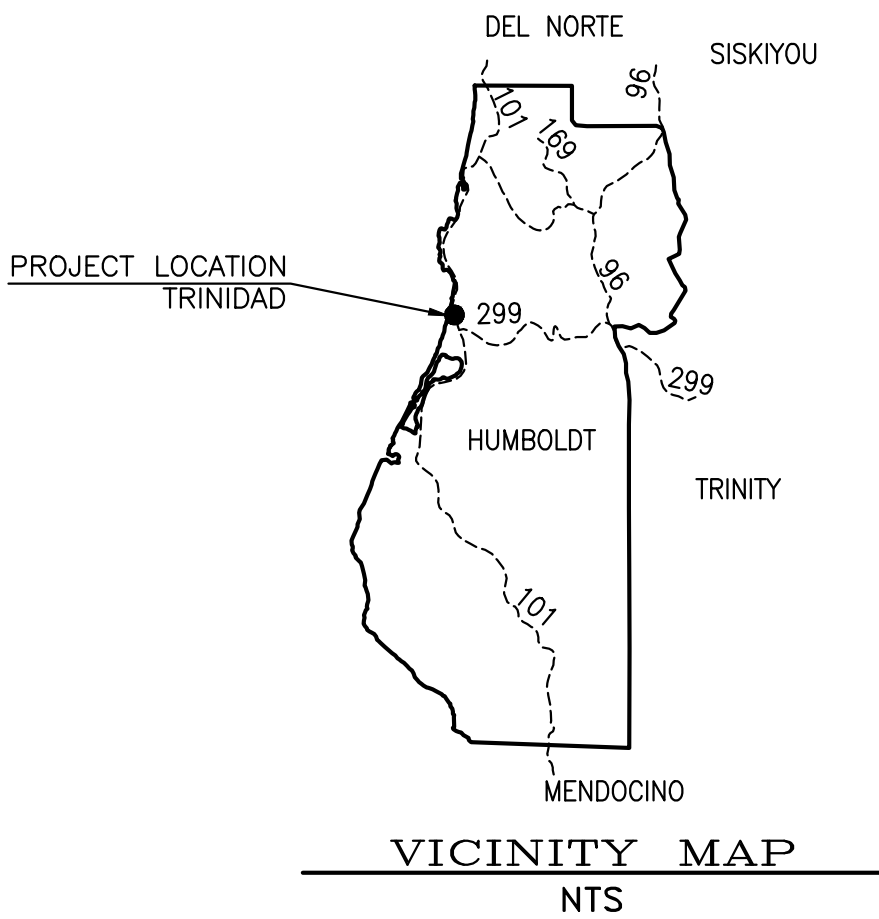
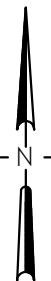
ABBREVIATIONS

AC = ASPHALTIC CONCRETE
AB = AGGREGATE BASE
A.D. = ALGEBRAIC DIFFERENCE
BC, PC = BEGIN CURVE
CO = CLEAN OUT
CL = CENTER LINE
CMP = CORRUGATED METAL PIPE
CPCT. = COMPACT
D = DELTA
DET = DETAIL
DRN = DRAIN
<A> = EXISTING
EC = END CURVE
EG = EXISTING GROUND
EP = EDGE OF PAVEMENT
FF = FINISH FLOOR
FG = FINISH GRADE
FH = FIRE HYDRANT
FL = FLOW LINE
GA = GUY ANCHOR
GV = GATE VALVE
HC = HANDICAPPED
HDPE = HIGH DENSITY POLYETHYLENE PIPE
INV = INVERT
(INT-X) = INTERSECTION
K = SIGHT DISTANCE
LAT = LATERAL
LD. = LOCAL DEPRESSION
LF. = LINEAR FEET
LF. = SEWER LEACH FIELD
LT. = LEFT
MAS. = MASONRY
MI = MILES
MSE = MECHANICALLY STABILIZED EARTH
(N) = NEW
NTS = NOT TO SCALE
O.C. = ON CENTER
PG&E = PACIFIC GAS & ELECTRIC
(P) = PROPOSED
PP = POWER POLE
PRC = POINT OF REVERSE CURVE
PT = POINT
PVI = POINT OF VERTICAL INTERSECTION
PVT = PRIVATE
RT = RIGHT
RTN = RETURN
SB = SET BACK
SDMH = STORM DRAIN MAN HOLE
SHT = SHEET
SD = STORM DRAIN
STA = STATION
STD. = STANDARD
TC = TOP OF CURB
TBC = TOP BACK OF CURB
TFC = TOP FACE OF CURB
TOB = TOP OF BANK
TEL = TELEPHONE
TP = TOP OF PAVEMENT
TVCE = TRINITY VALLEY CONSULTING ENGINEERS
TW = TOP OF WALL
(TYP) = TYPICAL
UG = UNDERGROUND
W = WATER
WV = WATER VALVE

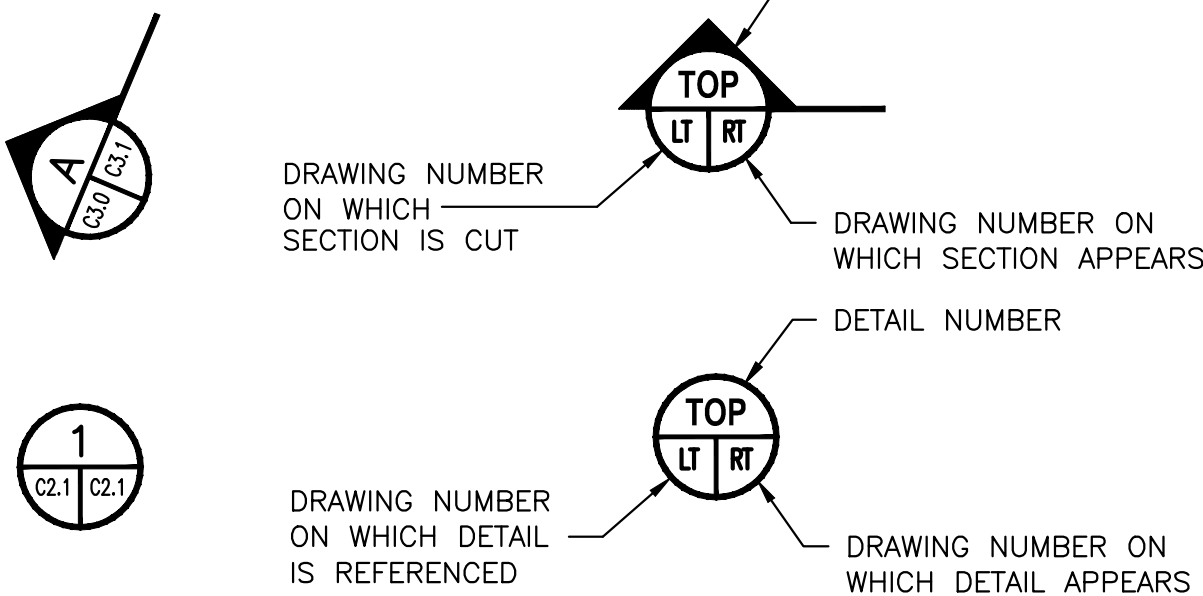


PLAN VIEW

SCALE: NTS



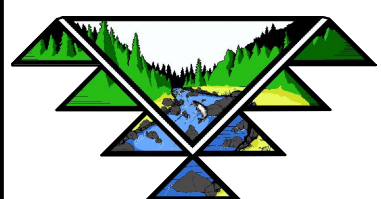
SYMBOLS



SHEET INDEX

DRAWING #	TITLE	REVISION	DATE
T01.0	TITLE SHEET	0	8/1/2021
C01.0	NOTES	0	8/1/2021
C02.0	TRIBAL OPERATIONS SYSTEM AND DETAILS	0	8/1/2021
C03.0	EOC SYSTEM AND DETAILS	0	8/1/2021
C04.0	HARBOR SYSTEM AND DETAILS	0	8/1/2021
E1	EOC ELECTRICAL	0	8/1/2021
E2	HARBOR ELECTRICAL	0	8/1/2021
E3	TRIBAL OPERATIONS ELECTRICAL	0	8/1/2021

TVCE



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REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY

TRINIDAD RANCHERIA
TRINIDAD HARBOR AND TRIBAL OPERATIONS GENERATORS
1 CHER-AE LANE
TRINIDAD CA. 95570
TITLE SHEET
HUMBOLDT COUNTY, CALIFORNIA

DATE OF ISSUE:
AUGUST 2021
SCALE:
AS SHOWN
PROJECT NO:
427.20
DRAWING NO:
T01.0

TRINIDAD HARBOR AND TRIBAL OPERATIONS GENERATORS
1 CHER-AE LANE
TRINIDAD CA 95570

HUMBOLDT COUNTY, CALIFORNIA

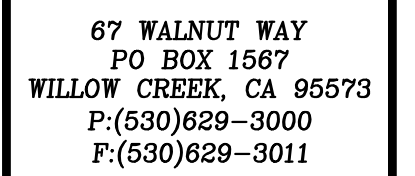
DRAWING NO:
C01.0

1. QUANTITIES AND LENGTHS OF ITEMS PROVIDED WITHIN THIS PLAN SET ARE APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ACTUAL QUANTITIES OF COMPONENTS REQUIRED FOR THE SUCCESSFUL AND SATISFACTORY COMPLETION OF THE PROJECT.

1. ALL COMMUNICATIONS FACILITIES AND WORK TO BE IN STRICT COMPLIANCE WITH APPLICABLE LAWS AND MUST MEET ALL FRONTIER REQUIREMENTS AS APPLICABLE UNDER CPUC.
2. CONTRACTOR TO COORDINATE WITH FRONTIER FOR ALL REQUIRED TESTING/INSPECTION AND FOR FRONTIER INSTALLED FACILITIES.
3. OWNER HAS THE RESPONSIBILITY OF PAYING ALL FEES TO FRONTIER DIRECT FOR THEIR SERVICES/FACILITIES UNDER THE ORIGINAL APPLICATION FOR THIS PROJECT. ADDITIONAL COSTS RESULTING DIRECTLY FROM THE CONTRACTOR'S ACTIVITIES AND NOT EXPRESSLY COVERED UNDER THE ORIGINAL APPLICATION WILL BE THE SOLE EXPENSE OF THE CONTRACTOR.
4. TELEPHONE/COMMUNICATION FACILITIES DEPICTED ON THESE PLAN SETS ARE FOR GENERAL LOCATION PURPOSES; ACTUAL HARDWARE, ALIGNMENTS, PLACEMENT, AND DESIGN TO BE PROVIDED BY FRONTIER. CONTRACTOR TO COORDINATE WITH FRONTIER FOR DESIGN AND INSTALLATION OF REQUIRED COMMUNICATION FACILITIES.

1. EQUIPMENT AND VEHICLES TRAVELING ONSITE SHALL BE INSPECTED REGULARLY FOR LEAKS AND BE REPAIRED IMMEDIATELY; DO NOT ALLOW LEAKING VEHICLES ONSITE. KEEP VEHICLES AND EQUIPMENT CLEAN (DO NOT ALLOW EXCESSIVE BUILDUP OF OIL AND GREASE).
2. USE OFFSITE REPAIR SHOPS WHENEVER POSSIBLE; IF ONSITE REPAIRS ARE NECESSARY, USE A DESIGNATED AREA SURROUNDED BY EARTH BERMS. THE CONTRACTOR SHALL INSPECT THIS AREA WEEKLY AND AFTER EACH RAINSTORM EVENT TO ENSURE THAT THE EARTH BERMS ARE IN PLACE AND FUNCTIONING PROPERLY; ANY NON-FUNCTIONING BERMS SHALL BE REPAIRED IMMEDIATELY.
3. USE DRY CLEAN-UP METHODS FOR SPILLS AS MUCH AS POSSIBLE; USE ABSORBENT MATERIALS FOR SMALL SPILLS AND DISPOSE OF PROPERLY. USE A SECONDARY CONTAINMENT DURING FLUID CHANGES AND REPAIRS TO CATCH SPILLS.
4. SEGREGATE AND RECYCLE WASTES (INCLUDING BUT NOT LIMITED TO: USED OIL AND OIL FILTERS, BATTERIES, ETC.). KEEP HAZARDOUS WASTES SEPARATE FROM NON-HAZARDOUS WASTES; AFTER REPAIRS, ETC., PROMPTLY TRANSFER USED FLUIDS AND WASTES TO THEIR PROPER CONTAINMENT AREAS AND CONTAINERS.

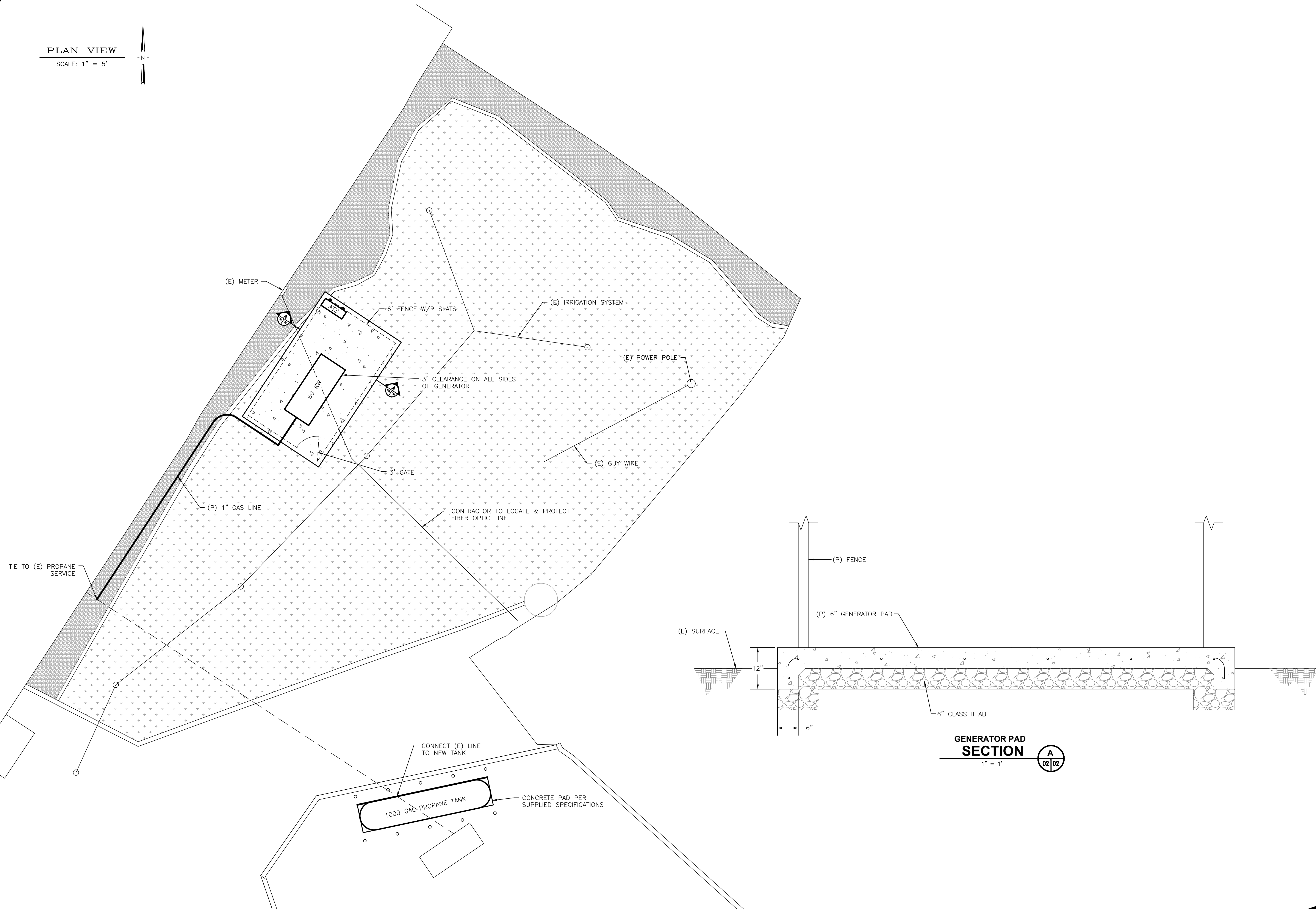
ITEM	DESCRIPTION	PLAN QUANTITY TOTAL	UNIT
	TRIBAL OPERATIONS CENTER		
001	GENERATOR SYSTEM	1	LS
002	MISC. CONCRETE	1	LS
003	FENCING	1	LS
004	PROPANE SYSTEM	1	LS
	EMERGENCY OPERATIONS CENTER		
001	GENERATOR SYSTEM	1	LS
002	MISC. CONCRETE	1	LS
003	FENCING	1	LS
004	PROPANE SYSTEM	1	LS
	TRINIDAD HARBOR		
001	GENERATOR SYSTEM	1	LS
002	MISC. CONCRETE	1	LS
003	FENCING	1	LS
004	PROPANE SYSTEM	1	LS

[illegible]

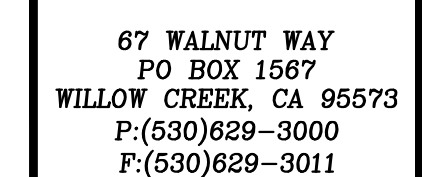
TRINIDAD RANCHERIA
TRINIDAD HARBOR AND TRIBAL OPERATIONS GENERATORS
1 CHER-AE LANE
TRINIDAD CA, 95570

HUMBOLDT COUNTY, CALIFORNIA

DRAWING NO:
C02.0



1/2" 1" 2"

[illegible]

TRINIDAD, RANCHERIA
TRINIDAD HARBOR AND TRIBAL OPERATIONS GENERATORS
1. CHER-AE LANE
TRINIDAD, CA. 95570

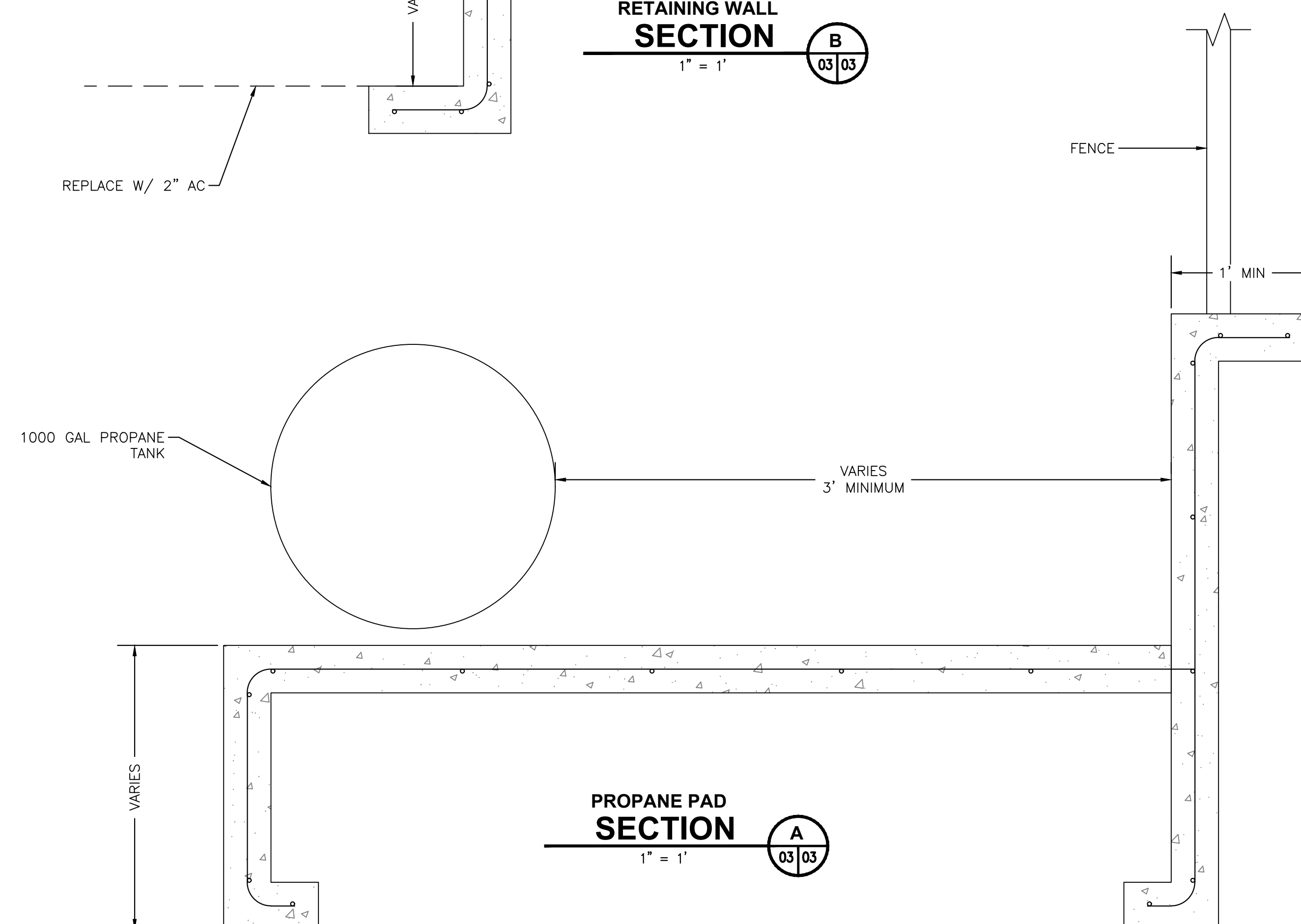
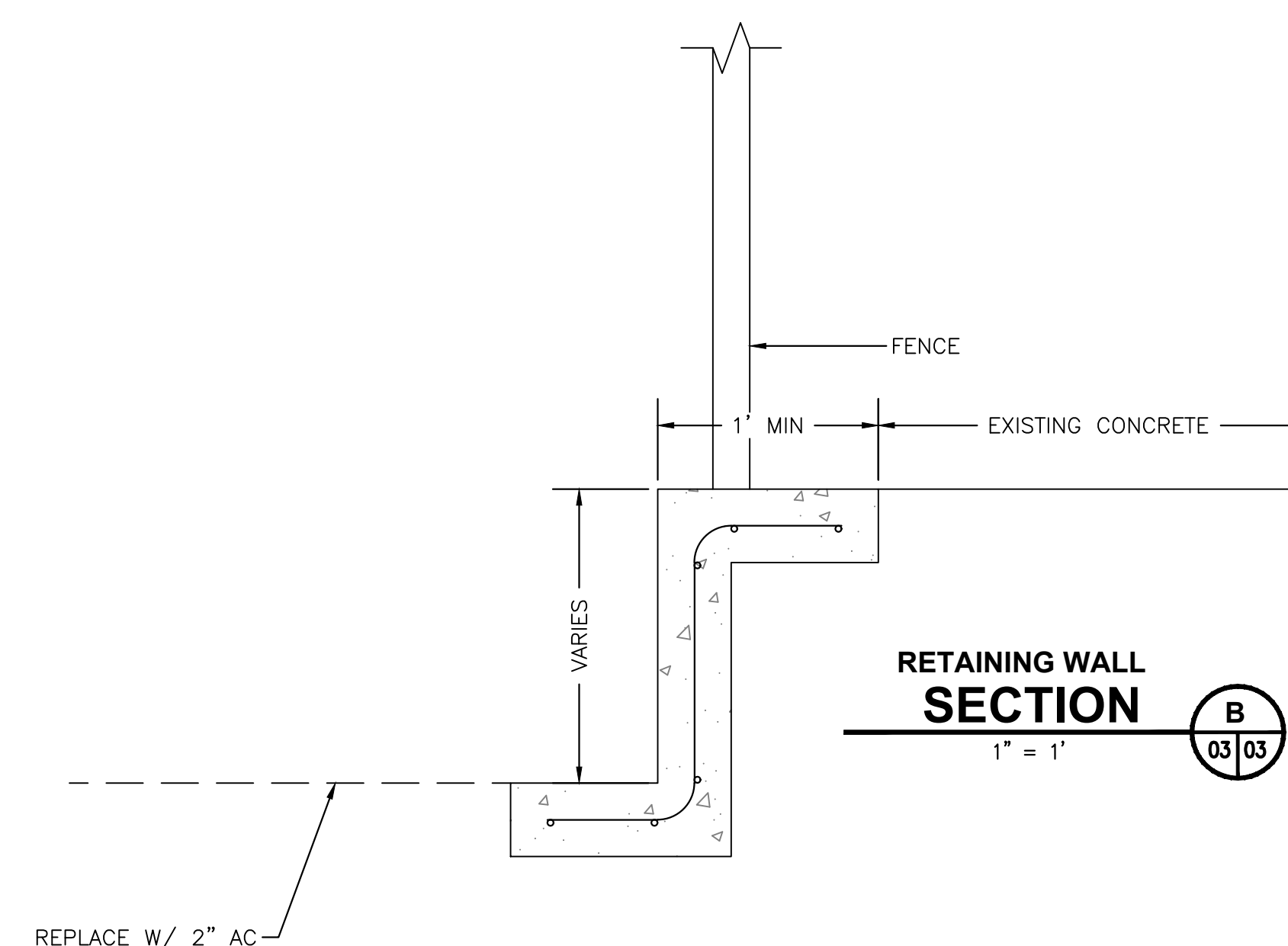
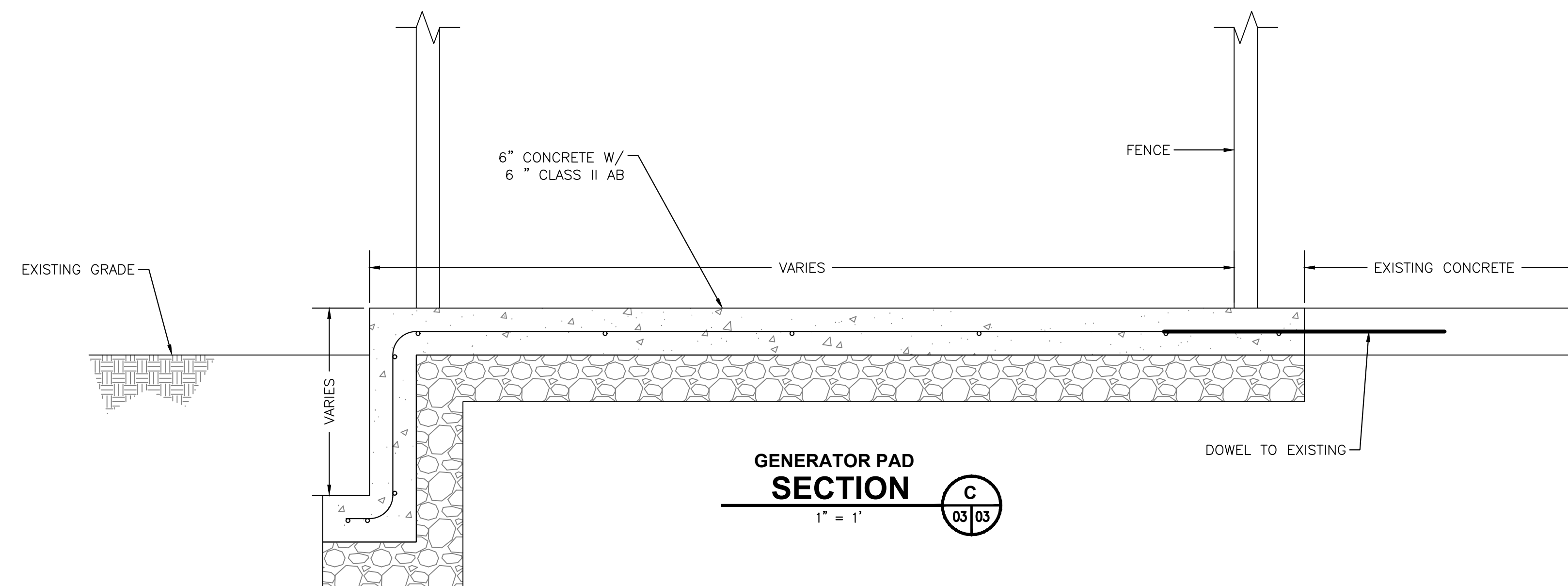
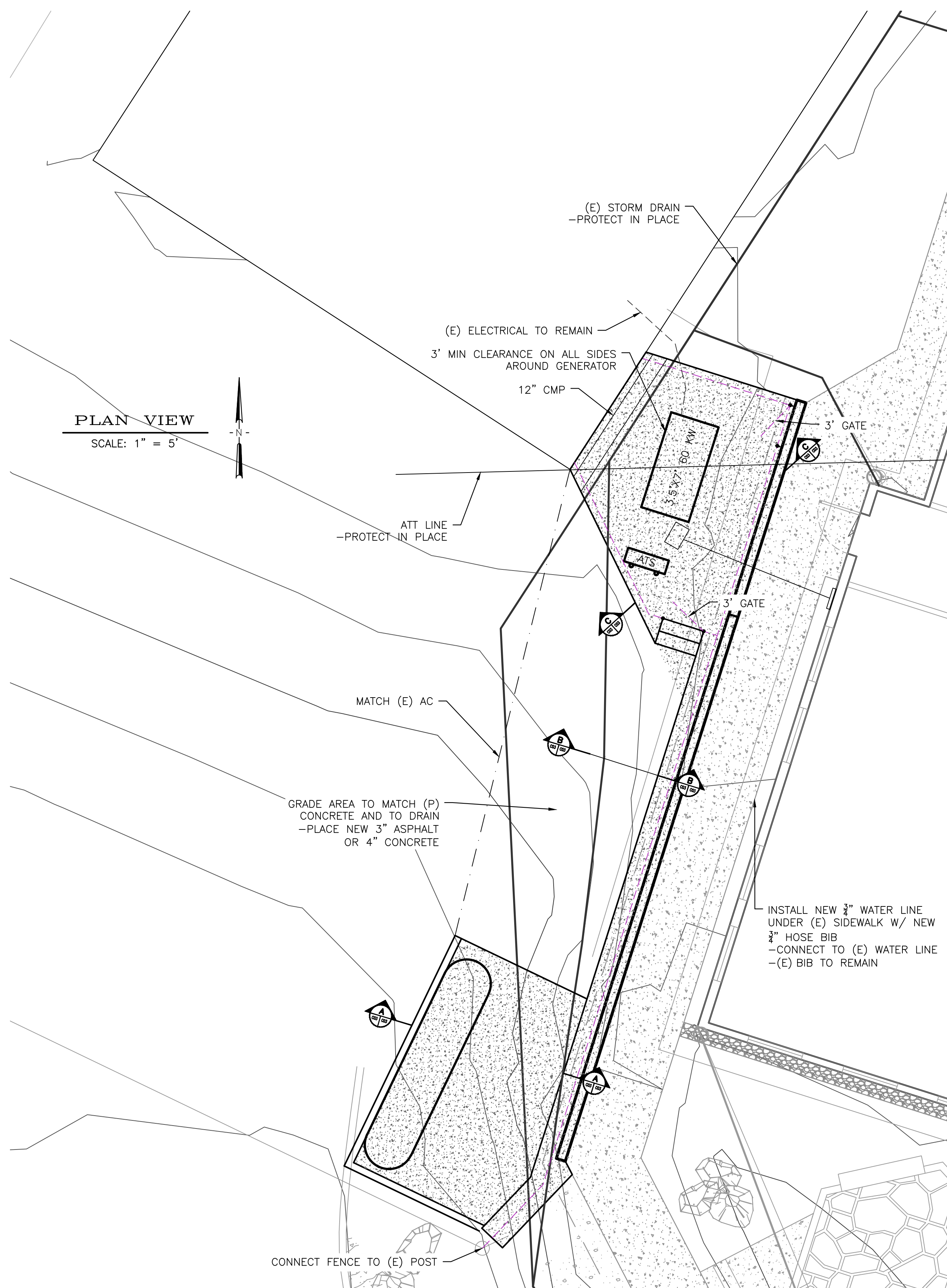
DATE OF ISSUE:
AUGUST 2021

SCALE:
AS SHOWN

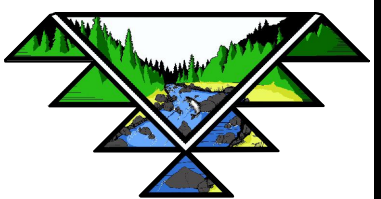
PROJECT NO:
427.20

DRAWING NO:

C03.0



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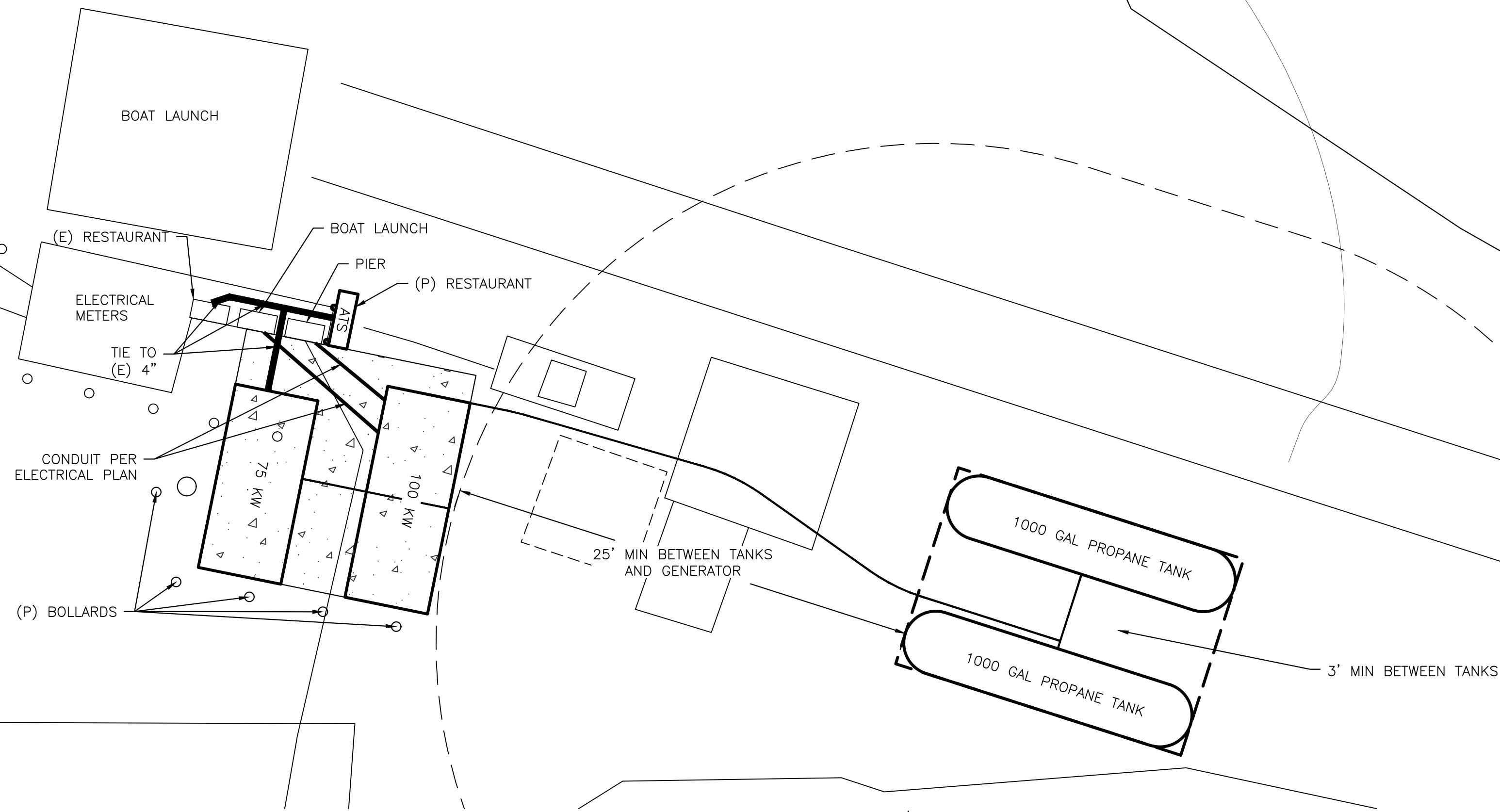
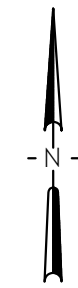
REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY

TRINIDAD RANCHERIA
TRINIDAD HARBOR AND TRIBAL OPERATIONS GENERATORS
TRINIDAD PIER
TRINIDAD CA. 95570
HARBOR SYSTEM & DETAILS
HUMBOLDT COUNTY, CALIFORNIA

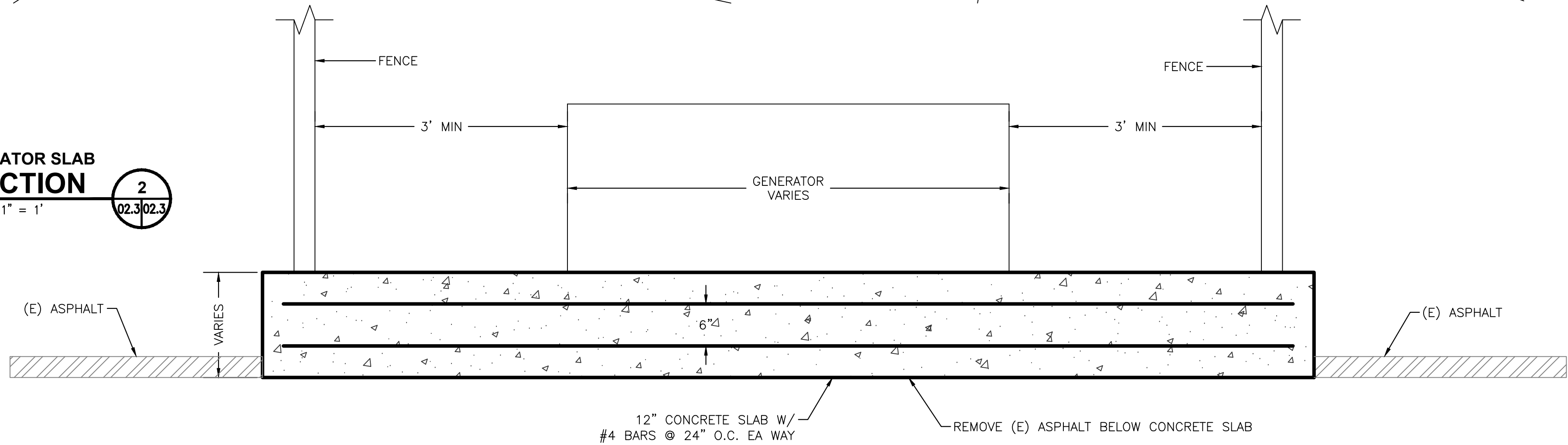
DATE OF ISSUE:
AUGUST 2021
SCALE:
AS SHOWN
PROJECT NO:
427.20
DRAWING NO:
C04.0

FILENAME: Z:\400-499\#427 - Trinidad Rancheria\427.20_Generators\2021_Generator_project\Trinidad Base_Plane_2021_04_22.dwg LAST SAVED: 8/3/2021 11:26:03 AM LAST SAVED BY: JT LAST PLOTTED: 8/3/2021 11:34:12 AM

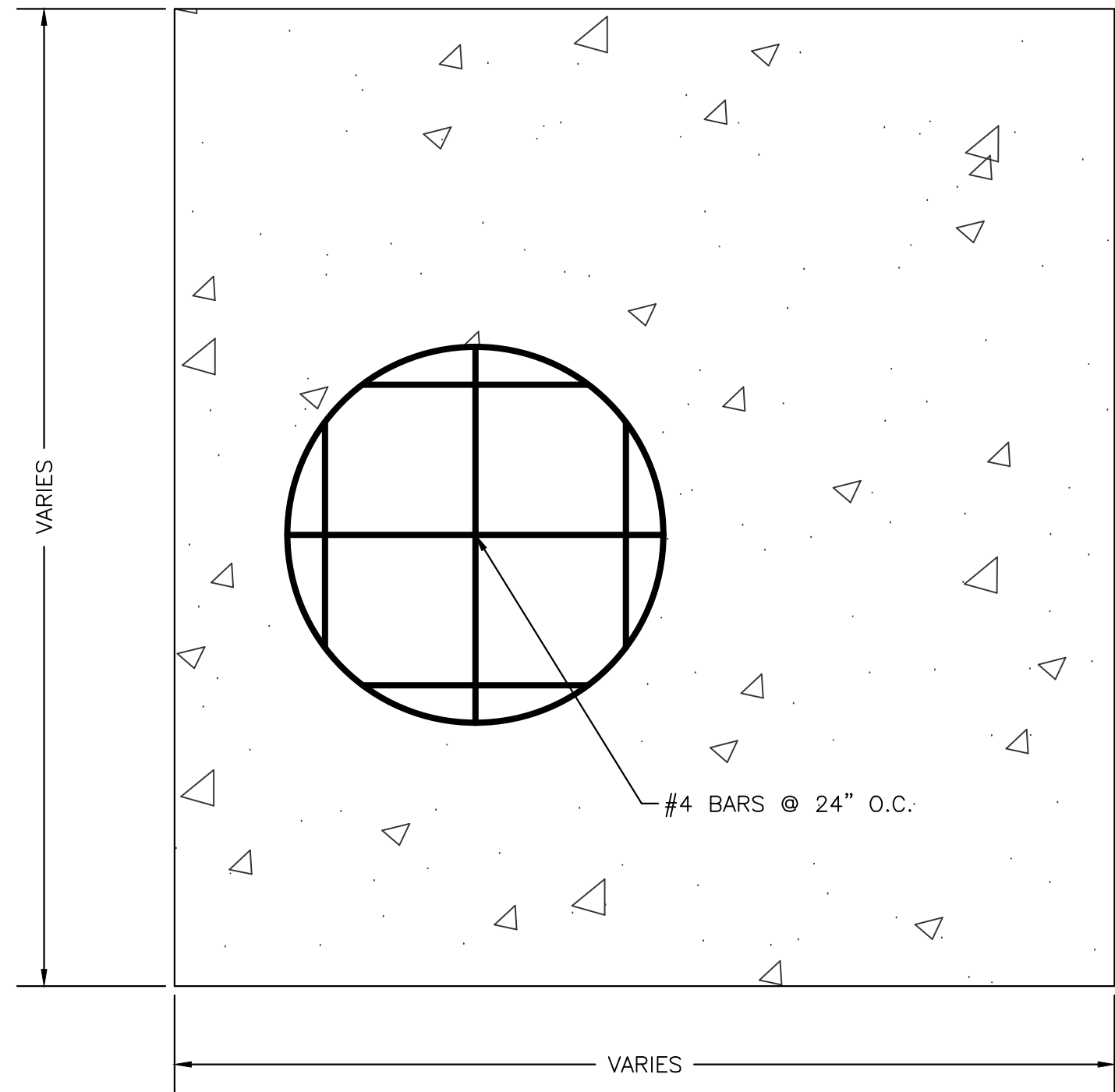
PLAN VIEW
SCALE: 1" = 5'



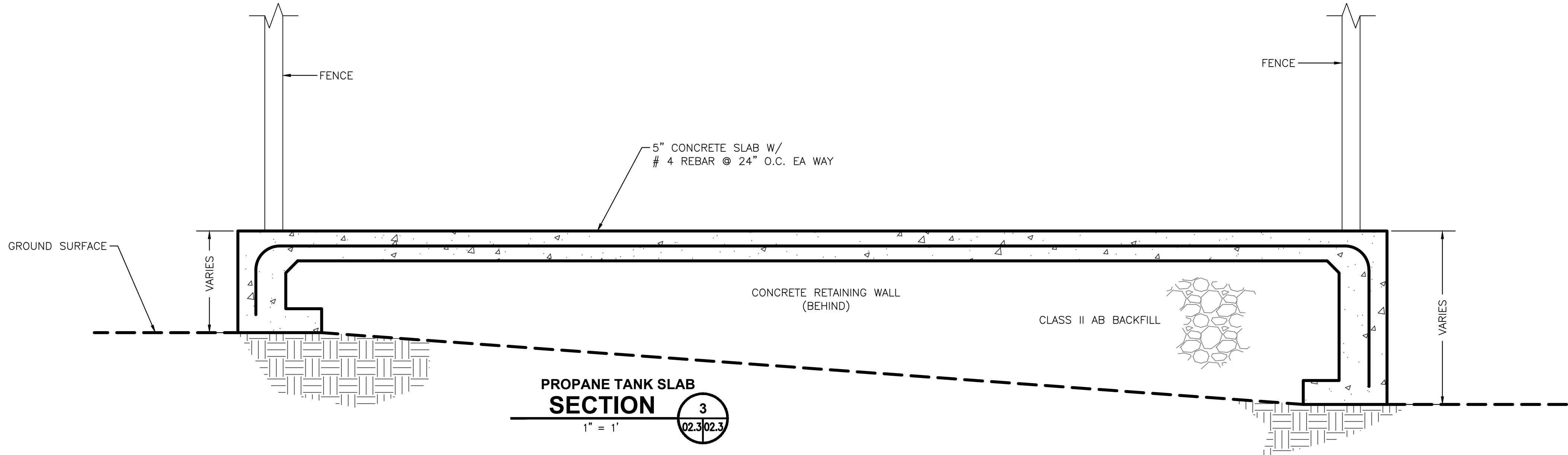
GENERATOR SLAB
SECTION
1" = 1'
02.3/02.3



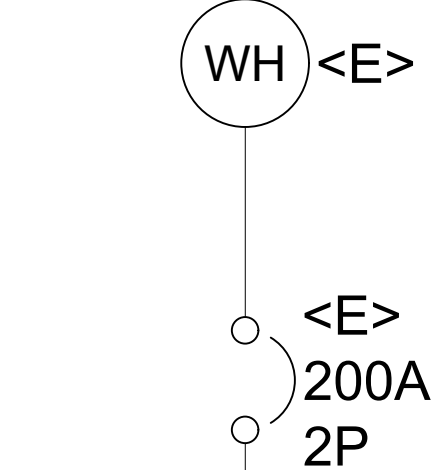
CONCRETE SLAB
DETAIL
1" = 2'
02.3/02.3



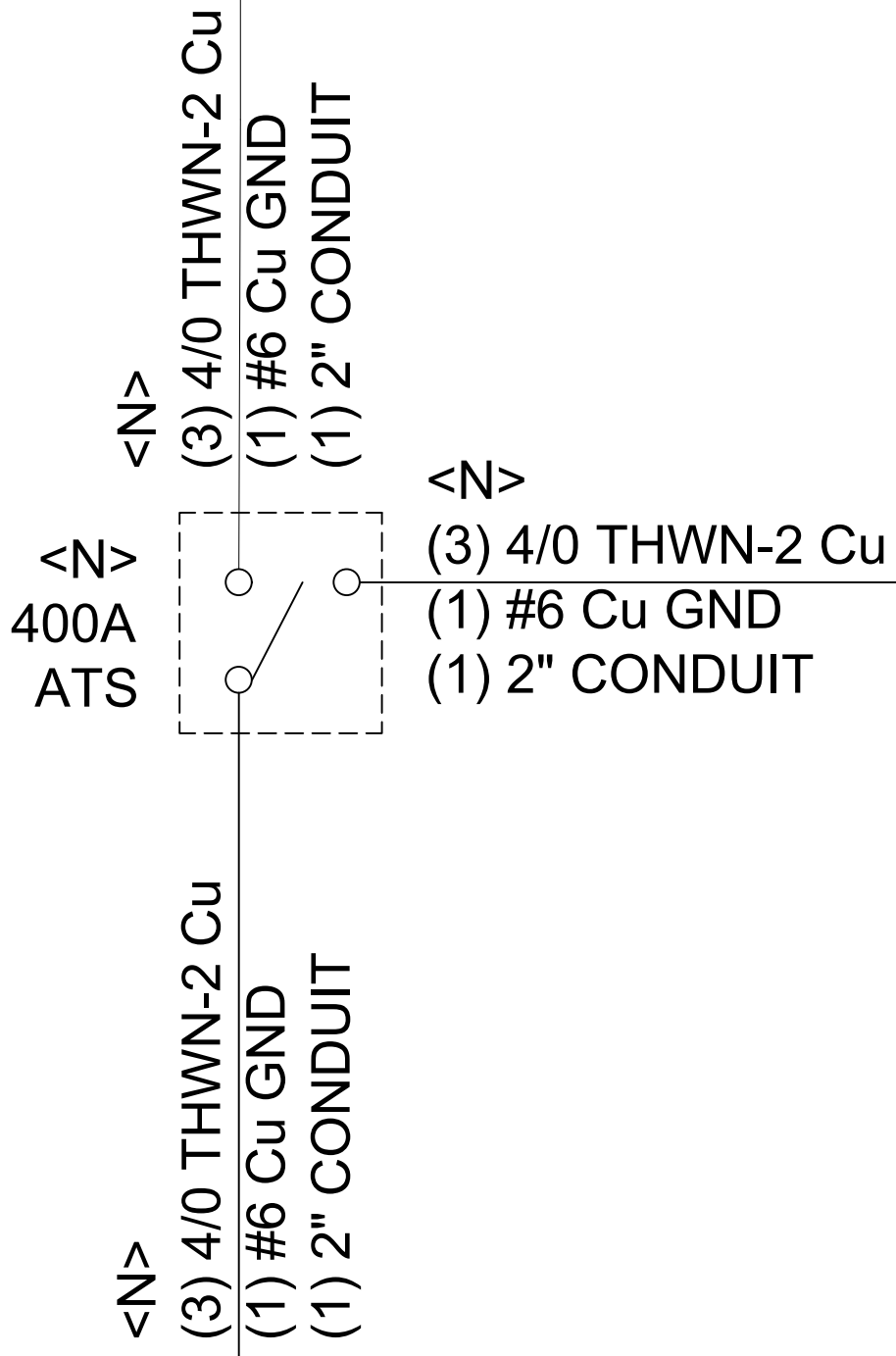
PROPANE TANK SLAB
SECTION
1" = 1'
02.3/02.3



PG&E
240/120VAC, 1Ph, 3 WIRE

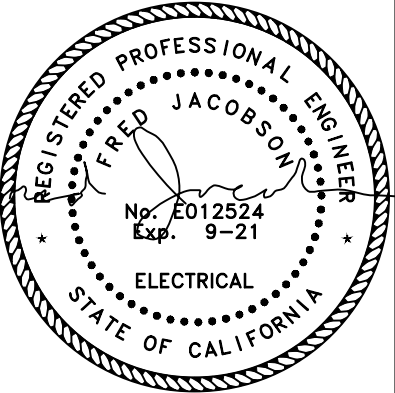
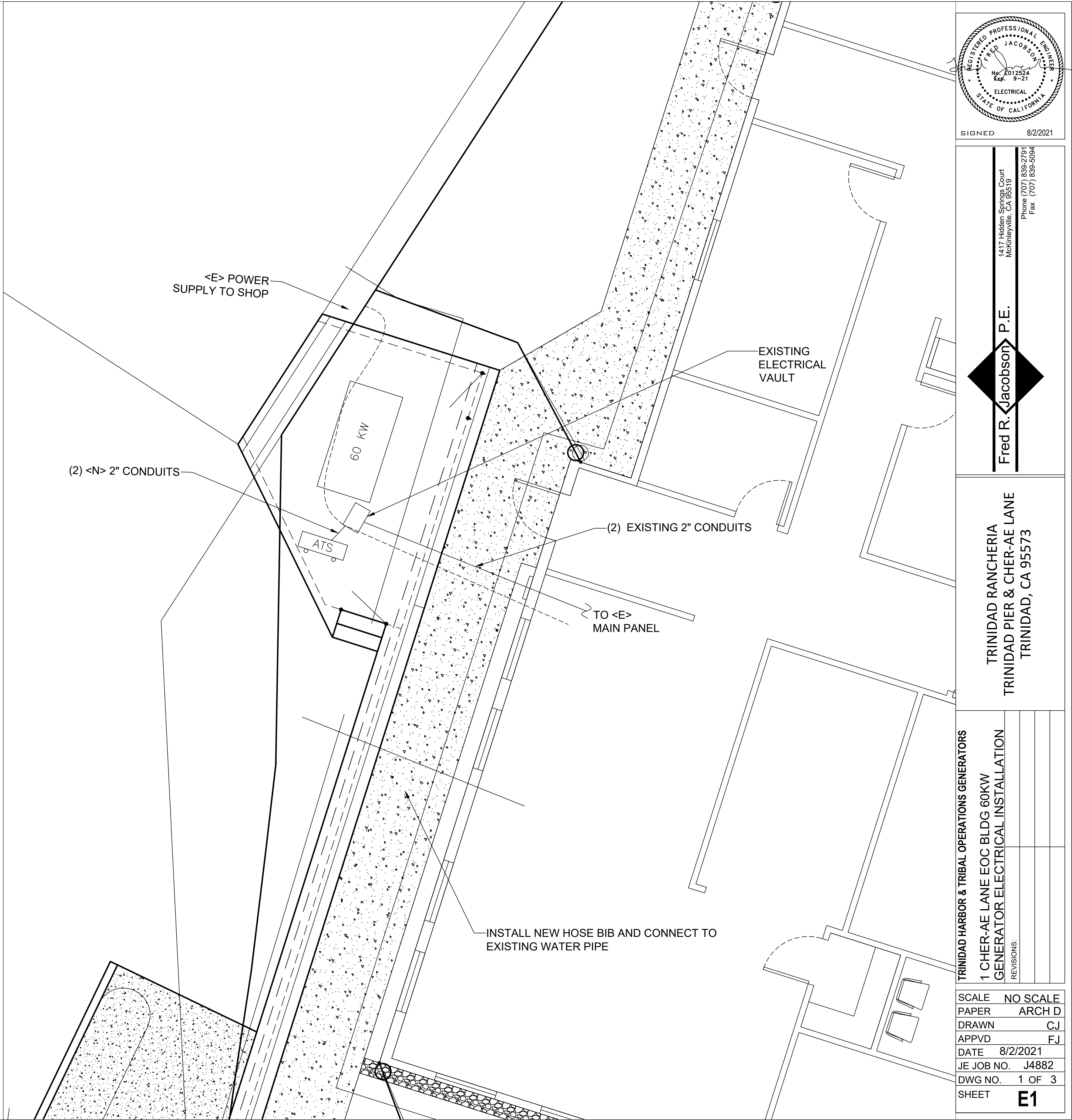


NOTE 1:
REMOVE EXISTING CONDUCTORS FROM LOAD
SIDE OF EXISTING 200A METER MAIN TO
EXISTING LOAD CENTER. RUN NEW
CONDUCTORS TO NEW ATS AS SHOWN.



NOTE 3:
BOND GENERATOR GROUND TO 3/4" X 10'
Cu GND ROD W/#6 Cu CONDUCTOR

NOTE 2:
CONNECT NEW ATS OUTPUT CONDUCTORS
TO EXISTING LOAD CENTER



SIGNED 8/2/2021

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Phone (707) 839-2791
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Fred R. Jacobson P.E.

TRINIDAD RANCHERIA
TRINIDAD PIER & CHER-AE LANE
TRINIDAD, CA 95573

TRINIDAD HARBOR & TRIBAL OPERATIONS GENERATORS	
1 CHER-AE LANE EOC BLDG 60KW	
GENERATOR ELECTRICAL INSTALLATION	
REVISIONS:	

SCALE	NO SCALE
PAPER	ARCH D
DRAWN	CJ
APPVD	FJ
DATE	8/2/2021
JE JOB NO.	J4882
DWG NO.	1 OF 3
SHEET	E1

PG&E
240/120VAC, 3Ph, 4 WIRE

RESTAURANT ELECTRICAL REQUIREMENTS

<E>
M RESTAURANT WATT
HOUR METER

<E>
400A
3P

<N>
400A
ATS

<N>
(4) 500MCM THWN-2 Cu
(1) #3 Cu GND
(1) 4" CONDUIT

NOTE 2:
INTERCEPT EXISTING RESTAURANT FEEDERS
AT EXISTING 400A MTS-2. SPLICE NEW ATS
CONDUCTORS WITH EXISTING RESTAURANT
FEEDERS & PROVIDE POWER TO EXISTING
RESTAURANT LOAD CENTER

NOTE 1:
REMOVE EXISTING CONDUCTORS FROM LOAD
SIDE OF EXISTING 400A METER MAIN TO
EXISTING 400A MTS-2. RUN NEW CONDUCTORS
TO NEW ATS AS SHOWN.

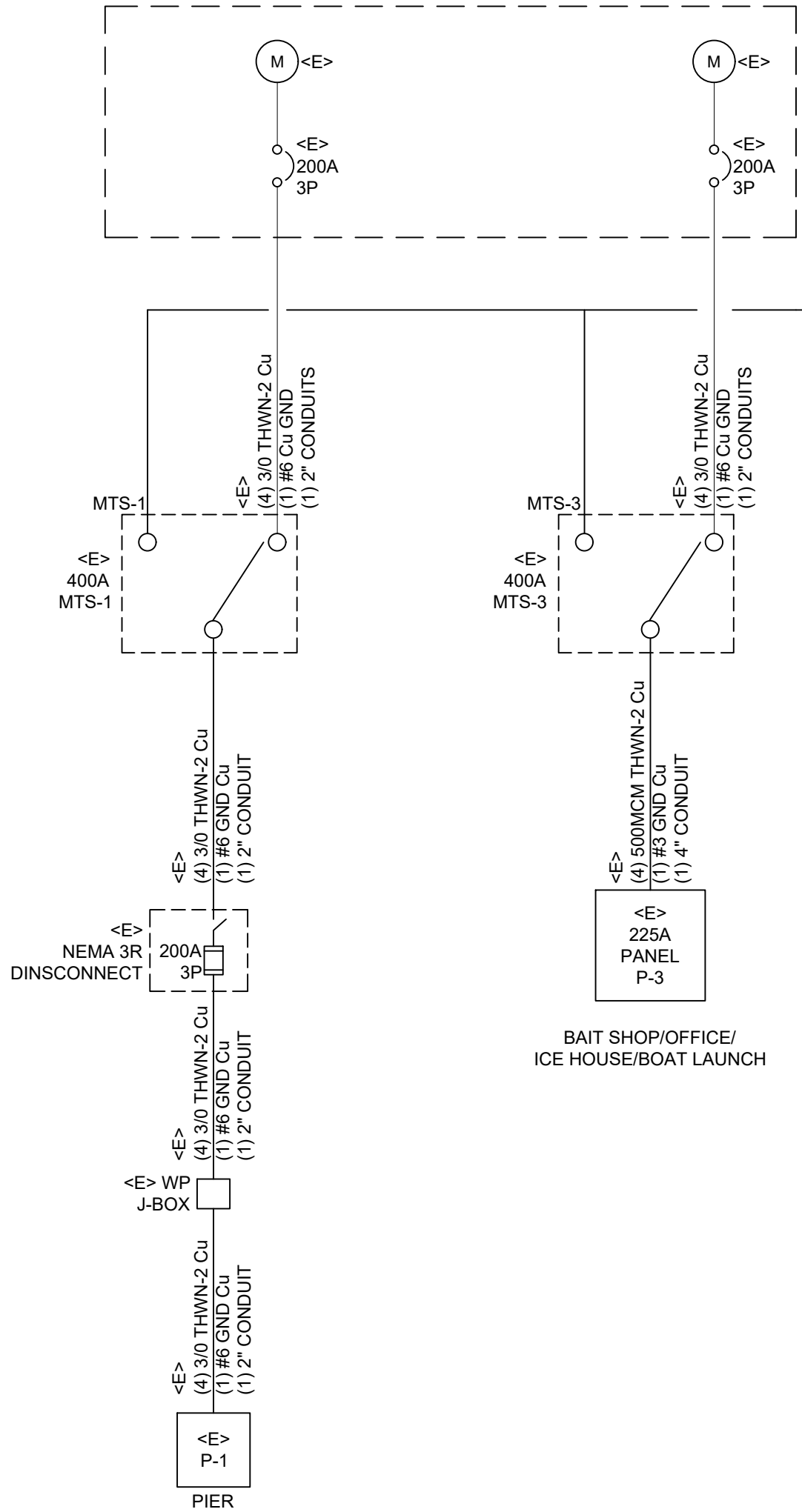
<N>
(4) 500MCM THWN-2 Cu
(1) #3 Cu GND
(1) 4" CONDUITS

400A
3P

<N> RESTAURANT
75KW GENERATOR

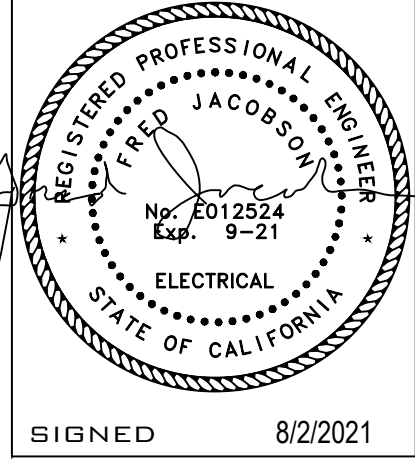
NOTE 3:
BOND GENERATOR GROUND TO 3/4" X 10'
Cu GND ROD W/#3 Cu CONDUCTOR

BOAT LAUNCH & PIER
ELECTRICAL REQUIREMENTS



<N>
(4) 500MCM THWN-2 Cu
(1) #3 Cu GND
(1) 4" CONDUITS

NOTE:
BOND GENERATOR GROUND TO 3/4" X 10'
Cu GND ROD W/#3 Cu CONDUCTOR



SIGNED 8/2/2021

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TRINIDAD RANCHERIA
TRINIDAD PIER & CHER-AE LANE
TRINIDAD, CA 95573

TRINIDAD HARBOR & TRIBAL OPERATIONS GENERATORS BOAT LAUNCH & PIER GENERATOR ELECTRICAL INSTALLATION	
REVISIONS:	

SCALE	NO SCALE
PAPER	ARCH D
DRAWN	CJ
APPVD	FJ
DATE	8/2/2021
JE JOB NO.	J4882
DWG NO.	2 OF 3
SHEET	E2

PG&E
240/120VAC, 1Ph, 3 WIRE

WHM <E>

WHM <E>

<E>
200A
2P

<E>
100A
2P

<N>
(3) 4/0 THWN-2 Cu
(1) #6 Cu GND
(1) 2" CONDUIT

<N>
(3) 4/0 THWN-2 Cu
(1) #6 Cu GND
(1) 2" CONDUIT

<N>
400A
ATS

<N>
(3) 4/0 THWN-2 Cu
(1) #6 Cu GND
(1) 2" CONDUIT

NOTE 1:
REMOVE EXISTING CONDUCTORS FROM LOAD
SIDE OF EXISTING 200A METER & 100A METER.
THESE CONDUCTORS WILL BE FED FROM
NEW 200A & 100A BREAKERS AT GENERATOR
CONCRETE PAD. RUN NEW CONDUCTORS TO
NEW ATS AS SHOWN.

<N>
200A
2P

G

<N>
60KW
GENERATOR

NOTE 2:
BOND GENERATOR GROUND TO 3/4" X 10'
Cu GND ROD W/#6 Cu CONDUCTOR

<N>
(3) 4/0 THWN-2 Cu
(1) #6 Cu GND
(1) 2" CONDUIT

<N>
200A
2P

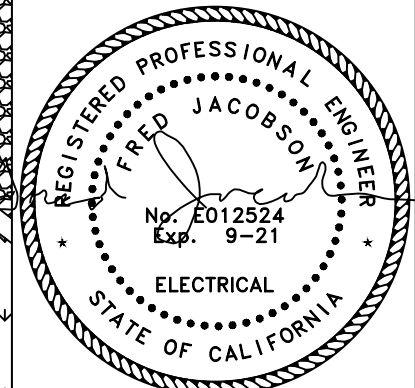
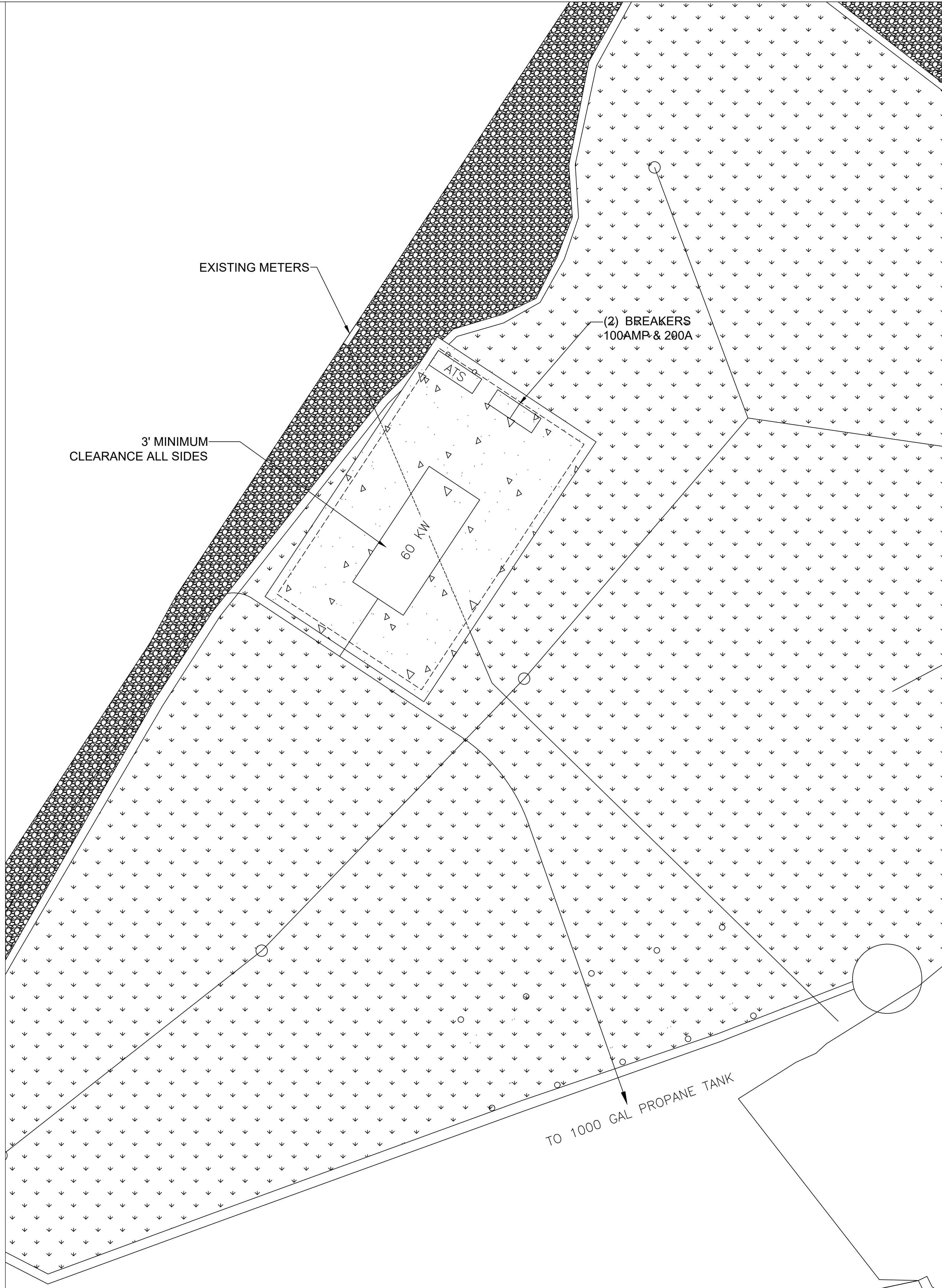
<N>
100A
2P

<N>
(3) 4/0 THWN-2 Cu
(1) #6 Cu GND
(1) 2" CONDUIT

<N>
(3) 4/0 THWN-2 Cu
(1) #6 Cu GND
(1) 2" CONDUIT

SPLICE W/ EXISTING
FEEDER
CONDUCTORS

SPLICE W/ EXISTING
FEEDER
CONDUCTORS



SIGNED 8/2/2021

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Fred R. Jacobson P.E.

TRINIDAD RANCHERIA
TRINIDAD PIER & CHER-AE LANE
TRINIDAD, CA 95573

TRINIDAD HARBOR & TRIBAL OPERATIONS GENERATORS

MAIN OFFICE 60KW GENERATOR
ELECTRICAL INSTALLATION

REVISIONS:

SCALE	NO SCALE
PAPER	ARCH D
DRAWN	CJ
APPVD	FJ
DATE	8/2/2021
JE JOB NO.	J4882
DWG NO.	3 OF 3
SHEET	E3