

10144503



City of Napoleon, Ohio

Zoning Department

255 West Riverview Avenue, P.O. Box 151
Napoleon, OH 43545

Mark B. Spiess, Senior Engineering Technician / Zoning Administrator
Telephone: (419) 592-4010 Fax: (419) 599-8393
www.napoleonohio.com

P.18.195

Commercial Zoning Permit Application

Date 10/24/18 Job Location 11-600 State Rd. 424
 Owner Henry County Telephone # (419) 592-4016
 Owner Address 1853 Oakwood Ave, Napoleon, OH 43545
 Contractor Newkirk Cell Phone # (231) 722-1691
 Description of Work to be Performed Adding Back up Diesel generator to preexisting ATT cell tower.
 Estimated Completion Date 12-20-18 Estimated Cost \$25,000

	TOTAL COST
Demo Permit - \$100.00 - See Separate Form (MDEMO 100.1700.46690)	\$
Zoning Permit - \$50.00 (MZON 100.1700.46690)	\$ <u>50.00</u>
Fence - \$25.00 (MZON 100.1700.46690)	\$
Garage and Shed Under 200 SF (Detached) - \$25.00 (MZON 100.1700.46690)	\$
Driveway/Sidewalk/Curbing - \$0.00	\$
Outside Water/Sewer Repair - \$0.00	\$
1" Water Tap, 5/8" Meter, Copper Setter and Transmitter - \$1,200.00(Outside City - \$1,680) (MLBDG 510.0000.47300)	\$
1" Water Tap, 3/4" Meter, Copper Setter and Transmitter - \$1,300.00(Outside City - \$1,820) (MLBDG 510.0000.47300)	\$
1" Water Tap, 1" Meter, Copper Setter and Transmitter - \$1,400.00 (Outside City - \$1,960) (MLBDG 510.0000.47300)	\$
1 1/2" Water Tap and Larger - See Operations Superintendent	\$
Sanitary Sewer Tap - \$600.00 (MLBDG 510.0000.44730)	\$
Sanitary Sewer, Multifamily 51 ft or more - \$100.00 + \$10.00 for each 50 ft increment (MLBDG 510.0000.44730)	\$
Plan Review - \$200.00 (MLBDG 510.0000.44730)	\$
Sewer Main Extension in Right of Way Inspection - 2% of Construction Cost (MLBDG 510.0000.44730)	\$
TOTAL FEE:	\$ <u>50.00</u>

I FULLY UNDERSTAND THAT NO EXCAVATION, CONSTRUCTION OR STRUCTURAL ALTERATION, ELECTRICAL OR MECHANICAL INSTALLATION OR ALTERATION OF ANY BUILDING STRUCTURE, SIGN, OR PART THEREOF AND NO USE OF THE ABOVE SHALL BE UNDERTAKEN OR PERFORMED UNTIL THE PERMIT APPLIED FOR HEREIN HAS BEEN APPROVED AND ISSUED BY THE CITY OF NAPOLEON ZONING DEPARTMENT. I hereby certify that I am the Owner of the named property, or that the proposed work is authorized by the Owner of record and that I have been authorized by the Owner to make this application as his/her authorized agent and I agree to conform to all applicable laws of the jurisdiction. In addition, if a permit for Work described in this application is issued, I certify that the code official or the code official's authorized representative shall have the authority to enter areas covered by such permit at any reasonable hour to enforce the provisions of the code(s) applicable to such permit.

I HEREBY ACKNOWLEDGE THAT I HAVE READ AND FULLY UNDERSTAND THE ABOVE LISTED INSTRUCTIONS.

SIGNATURE OF APPLICANT: [Signature] DATE: 10/24/18

BATCH # 40023 CHECK # 0176 DATE 10-30-18

GENERAL DYNAMICS
Wireless Services

Zachary Arrasmith
Site Acquisition

10/24/2018

Please see the attached permit application and check for a Generator installation for AT&T.

If you have any additional fees, or questions, please do not hesitate to call me at (502) 265-8536,
or email me at zachary.arrasmith@gdit.com

Sincerely,

Zachary Arrasmith
Site Acquisition
General Dynamics



at&t

CUS-NAPOLEON (HOSPITAL)

FA#: 10144503

11-600 STATE ROAD 424
NAPOLEON, OHIO 43545

GENERATOR UPGRADE



GENERAL DYNAMICS
Wireless Services
12906 SHELBYVILLE ROAD,
STE. 230
LOUISVILLE, KY 40243
502-653-6963

FIRST GROUP ENGINEERING
5925 LAKESIDE BLVD.
INDIANAPOLIS, IN 46278

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CUS-NAPOLEON
(HOSPITAL)

FA#: 10144503

11-600 STATE ROAD 424
NAPOLEON, OHIO 43545

DRAWN BY: JDJ

CHECKED BY: MAN

NO:	DATE:	ISSUE:
0	06/05/18	REVIEW CD

CERTIFICATION:

SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
T-1

DO NOT SCALE DRAWINGS

SITE INFORMATION

GOVERNING CODE: IBC & NEC
SITE ADDRESS: 11-600 STATE ROAD 424
NAPOLEON, OHIO 43545
COUNTY: HENRY
PROPERTY OWNER: AT&T
APPLICANT: AT&T MOBILITY
930 NATIONAL PKWY, 4TH FLOOR
SCHAUMBURG, IL 60173
SCOPE OF WORK: INSTALL NEW DIESEL GENERATOR WITH SUBBASE FUEL TANK ON NEW CONCRETE PAD. INTEGRATE EXISTING ALARM AND ELECTRICAL CONNECTIONS WITH NEW GENERATOR.
UTILITY INFORMATION: THE PLANS SHOW SOME KNOWN SUBSURFACE STRUCTURE, ABOVE GROUND STRUCTURES AND OR EXISTING UTILITIES BELIEVED TO BE IN THE WORKING AREA. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL UTILITIES, PIPELINES AND OTHER STRUCTURES SHOWN OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL VERIFY STATE AND LOCAL UTILITY NOTIFICATION SERVICES BEFORE DIGGING OR DRILLING. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER AND ENGINEER AT THE CONTRACTOR'S EXPENSE.
GENERAL SITE INFORMATION:
 (1) FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION.
 (2) HANDICAP ACCESS IS NOT REQUIRED.
 (3) FACILITY HAS NO PLUMBING OR PARKING.
 (4) NO GRADING WILL BE REQUIRED FOR THIS SITE.

APPROVALS

AT&T CONSTRUCTION MANAGER	DATE
GENERAL DYNAMICS CONSTRUCTION MANAGER	DATE
PROPERTY OWNER	DATE
SITE ACQUISITION	DATE
CONTRACTOR	DATE
CONTRACTOR	DATE
CONTRACTOR	DATE

SHEET INDEX

SHEET NUMBER	DESCRIPTION	REVISION NUMBER
T-1	TITLE SHEET	0
SP-1	GENERAL NOTES	0
A-1	SITE PLAN	0
S-1	FOUNDATION DETAILS	0
E-1	WIRING DIAGRAM	0
D-1	CONSTRUCTION DETAILS	0
D-2	CONSTRUCTION DETAILS	0
G-1	GENERATOR DETAILS	0
G-2	GENERATOR DETAILS	0
G-3	GENERATOR DETAILS	0

AREA MAP



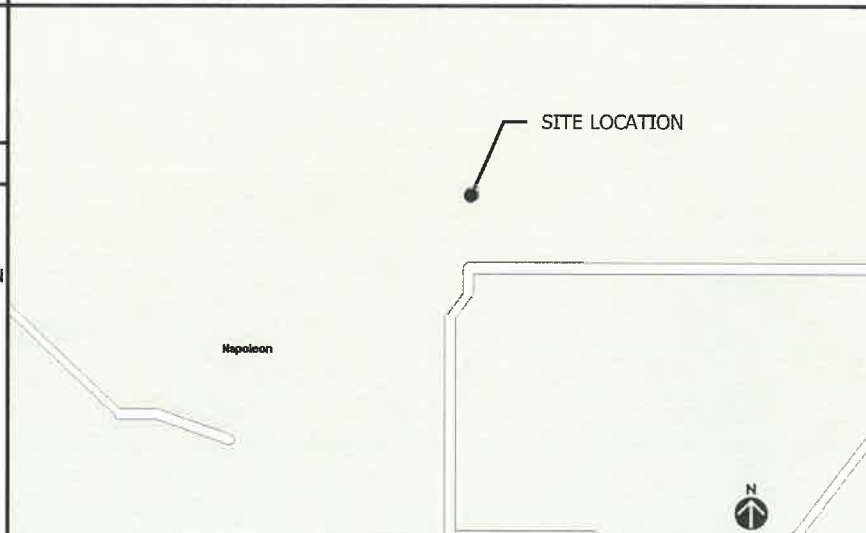
PROJECT TEAM

ENGINEER: MARK NORVILLE FIRST GROUP ENGINEERING 5925 LAKESIDE BLVD. INDIANAPOLIS, IN 46278 317-290-4984 mnorville@firstgroupengineering.com	MARKET LEAD: JOHN ADAMS GENERAL DYNAMICS WIRELESS SERVICES 12906 SHELBYVILLE ROAD, STE. 230 LOUISVILLE, KY 40243 OFFICE 502-653-6963
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DRIVING DIRECTIONS

LATITUDE: 41.41139°
LONGITUDE: -84.08806°
ST. RD 24 TO NAPOLEON -- TURN RIGHT ON COUNTY ROAD 12 -- WHEN THAT DEAD ENDS, TURN LEFT ON ST RD 424 -- TURN LEFT INTO HOSPITAL .. SITE IS BEHIND HOSPITAL

VICINITY MAP

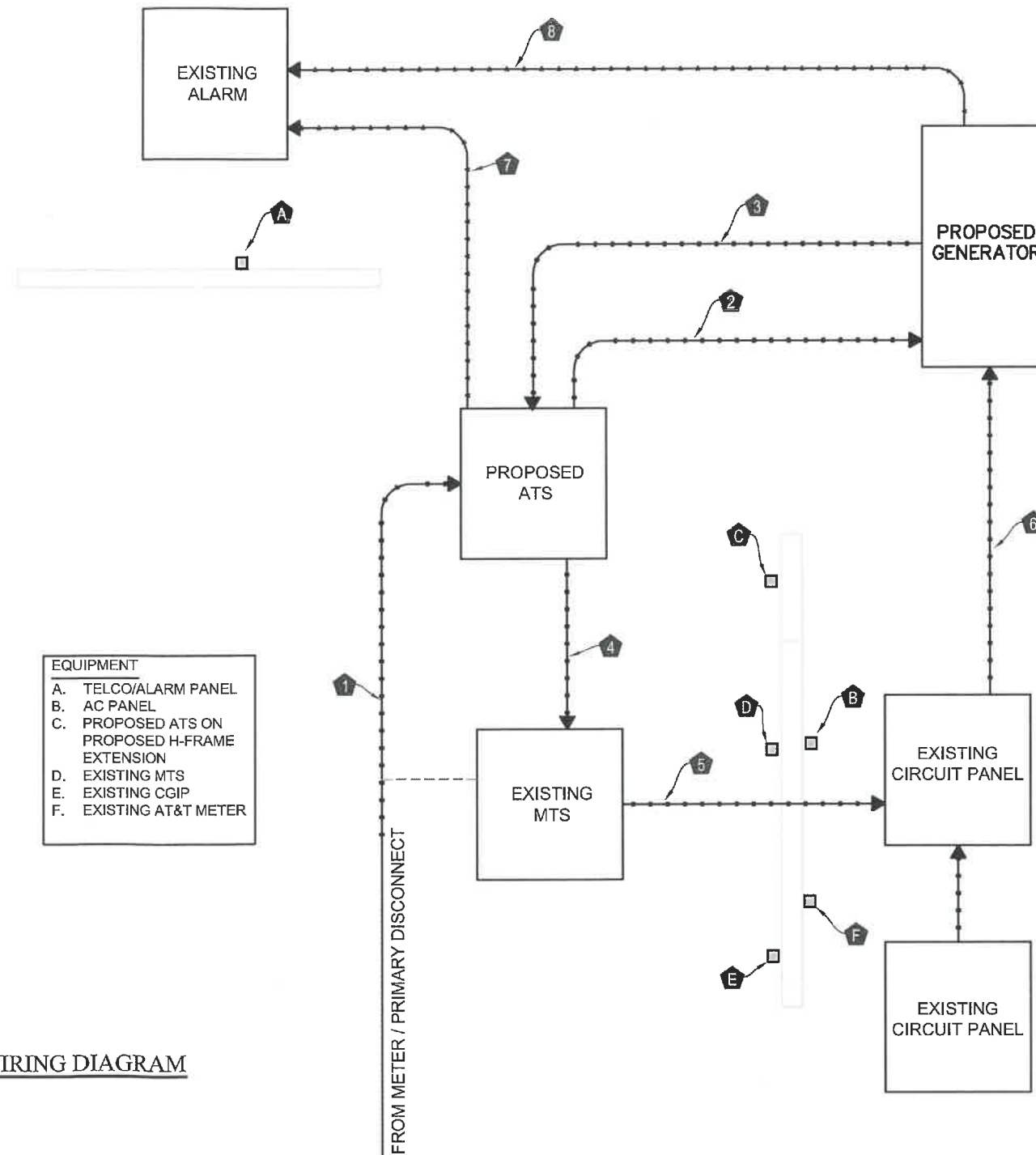


SHEET NUMBER:
T-1

DIAGRAM CIRCUIT SCHEDULE						
NO.	FROM	TO	WIRES	GROUND	CONDUIT SIZE	FUNCTION
1	SERVICE PROVIDER1	PROPOSED ATS	(3) 3#0	(1) #4	2"	POWER FEED
2	PROPOSED ATS	GENERATOR	(2) #10	(1) #10	1"	START CIRCUIT
3	GENERATOR	PROPOSED ATS	(3) 3#0	(1) #4	2"	POWER FEED
4	PROPOSED ATS	EXISTING DISCONNECT	(3) 3#0	(1) #4	2"	POWER FEED
5	EXISTING DISCONNECT	EXISTING CIRCUIT PANEL	(3) 3#0	(1) #4	2"	POWER FEED
6	EXISTING CIRCUIT PANEL	GENERATOR	(2) #12 (2) #12	(1) #12 (1) #12	1"	2-20 AMP CIRCUITS FOR (1) GENERATOR BLOCK HEATER & (2) BATTERY HEATER/CHARGER
7	PROPOSED ATS	EXISTING ALARM	4-PAIR 24 AWG	N/A	1"	ALARM CABLES FROM ATS PROVIDE 25' OF SLACK CABLE. FINAL PUNCH DOWN IS BY AT&T TECH. LABEL ALL WIRES.
8	GENERATOR	EXISTING ALARM	12-PAIR 24 AWG	N/A	1"	ALARM CABLES FROM GENERATOR PROVIDE 25' OF SLACK CABLE. FINAL PUNCH DOWN IS BY AT&T TECH. LABEL ALL WIRES.

ALARM WIRE IDENTIFICATION CHART

NAME	COLOR	DESCRIPTION
CF	GREEN/WHITE	CRITICAL FAULT
FL	BLUE/WHITE	FUEL LEAK
GR	BROWN/WHITE	GENERATOR RUNNING
LF	GREEN/RED	LOW FUEL
MAF	-	MAJOR FAULT
MIF	BLUE/BLACK	MAJOR FAULT (PRE-ALARMS)



- EQUIPMENT**
- A. TELCO/ALARM PANEL
 - B. AC PANEL
 - C. PROPOSED ATS ON PROPOSED H-FRAME EXTENSION
 - D. EXISTING MTS
 - E. EXISTING CGIP
 - F. EXISTING AT&T METER

NOTE:
FIELD VERIFY LOCATION
OF ALL EQUIPMENT

NOTE:
CONTRACTOR TO FOLLOW
MANUFACTURER'S ALARM
RECOMMENDATIONS

1 PROPOSED WIRING DIAGRAM
SCALE: N.T.S.



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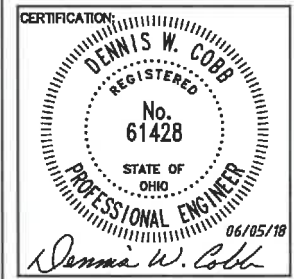
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NAPOLEON, OHIO 43545

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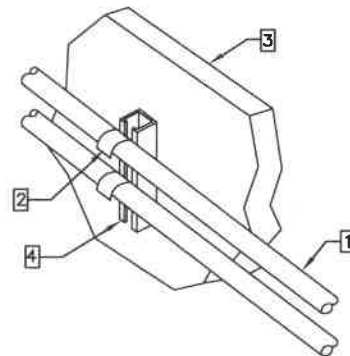
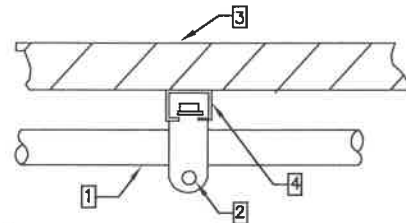


SHEET TITLE:
**WIRING
DETAILS**

SHEET NUMBER:
E-1

DO NOT SCALE DRAWINGS

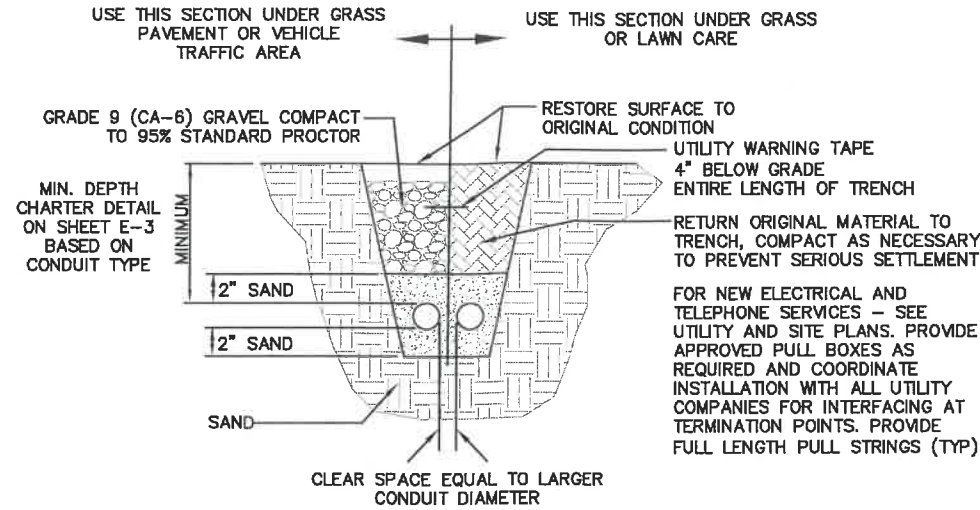
- 1 CONDUIT (TYP)
- 2 BUTTERFLY CLAMP AS REQUIRED
- 3 EXISTING WALL / CEILING
- 4 VERTICAL "UNISTRUT" P100 "T" SERIES LENGTH BASED ON NUMBER OF CONDUIT TO BE MOUNTED



UNISTRUT MOUNTING CHART	
WALL CONSTRUCTION TYPE	USE
HOLLOW	3/8" TOGGLES BOLT
HOLLOW, AT STUD	3/8" LAG SCREW
CONCRETE BLOCK (HOLLOW)	3/8" HILTI HY-20 WITH SCREEN, MIN. EMBEDMENT 2-1/2"
CONCRETE (SOLID)	3/8" HILTI HY-150 WITH SCREEN, MIN. EMBEDMENT 2-1/2"

NOTE: USE GALVANIZED OR STAINLESS STEEL HARDWARE FOR WALL MOUNT AND CONNECTIONS OF CHANNELS SPACE UNITS @ 5'-0" O.C. LENGTH OF RUN

1 CONDUIT WALL MOUNT



- * INCLUDE TIME/DATE STAMPED PHOTOS WITH TAPE MEASURE DEPTH VERIFICATION.
- * CONDUIT SIZE, TYPE, QUANTITY AND SEPARATION DIMENSION TO BE VERIFIED WITH LOCAL UTILITY COMPANY REQUIREMENTS.

MINIMUM COVER REQUIREMENTS, 0 TO 800 VOLTS NOMINAL, BURIAL IN INCHES		
TYPE OF WIRING METHOD OR CIRCUIT		
LOCATION OF WIRING METHOD OR CIRCUIT	DIRECT BURIAL CABLES OR CONDUCTORS	RIGID METAL CONDUIT OR INTERMEDIATE METAL CONDUIT
ALL LOCATIONS NOT SPECIFIED BELOW	24 INCHES	6 INCHES
IN TRENCH BELOW 2 INCH THICK CONCRETE OR EQUIVALENT	18 INCHES	6 INCHES
UNDER STREETS OR HIGHWAYS	24 INCHES	24 INCHES

COVER IS DEFINED AS THE SHORTEST DISTANCE IN INCHES MEASURED BETWEEN A POINT ON THE TOP SURFACE OF ANY DIRECT-BURIED CONDUCTOR, CABLE CONDUIT OR OTHER RACEWAY AND THE TOP SURFACE OF FINISHED GRADE, CONCRETE OR SIMILAR COVER.

INSTALL WARNING TAPE 4" BELOW GRADE FOR THE ENTIRE LENGTH OF TRENCH.

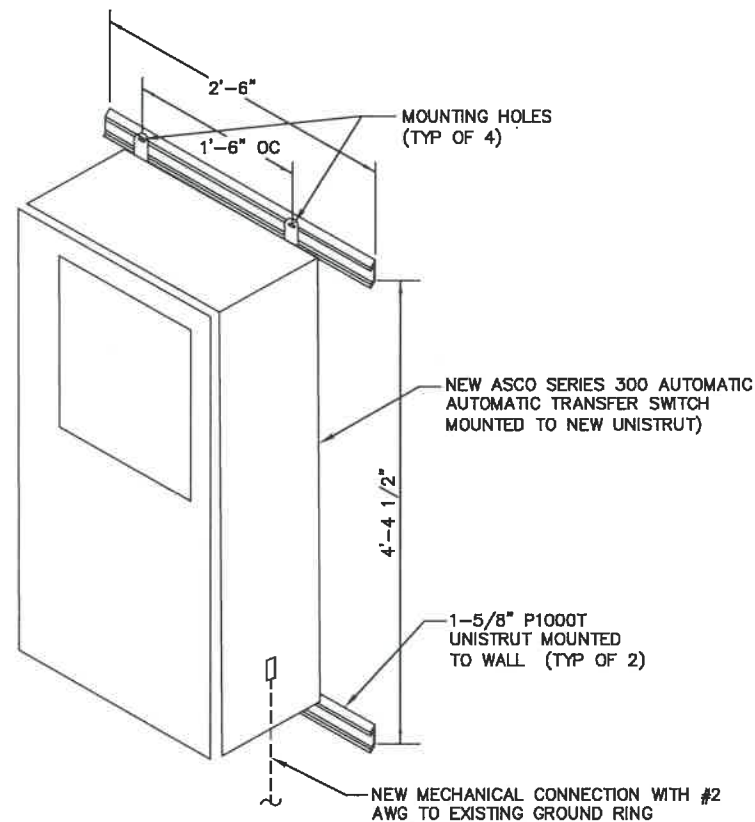
PROVIDE AT LEAST 2" OF SAND BED ABOVE CONDUIT AND 2" OF SAND BED BELOW THE CONDUIT.

2 CONDUCTOR BURIAL REQUIREMENTS

UNISTRUT MOUNTING CHART	
WALL CONSTRUCTION TYPE	USE
HOLLOW	3/8" TOGGLES BOLT
HOLLOW, AT STUD	3/8" LAG SCREW
CONCRETE BLOCK (HOLLOW)	7/16" HILTI HY-20 WITH SCREEN, MIN. EMBEDMENT 2-1/2"
CONCRETE (SOLID)	7/16" HILTI HY-150 WITH SCREEN, MIN. EMBEDMENT 2-1/2"

NOTE: USE GALVANIZED OR STAINLESS STEEL HARDWARE FOR WALL MOUNT AND CONNECTIONS OF CHANNELS

NOTE: GC SHALL USE NON-SHRINKING CAULK TO WEATHER SEAL ALL PENETRATIONS INTO OR THROUGH SHELTER WALL



4 INTERACT ATS MOUNTING DETAIL

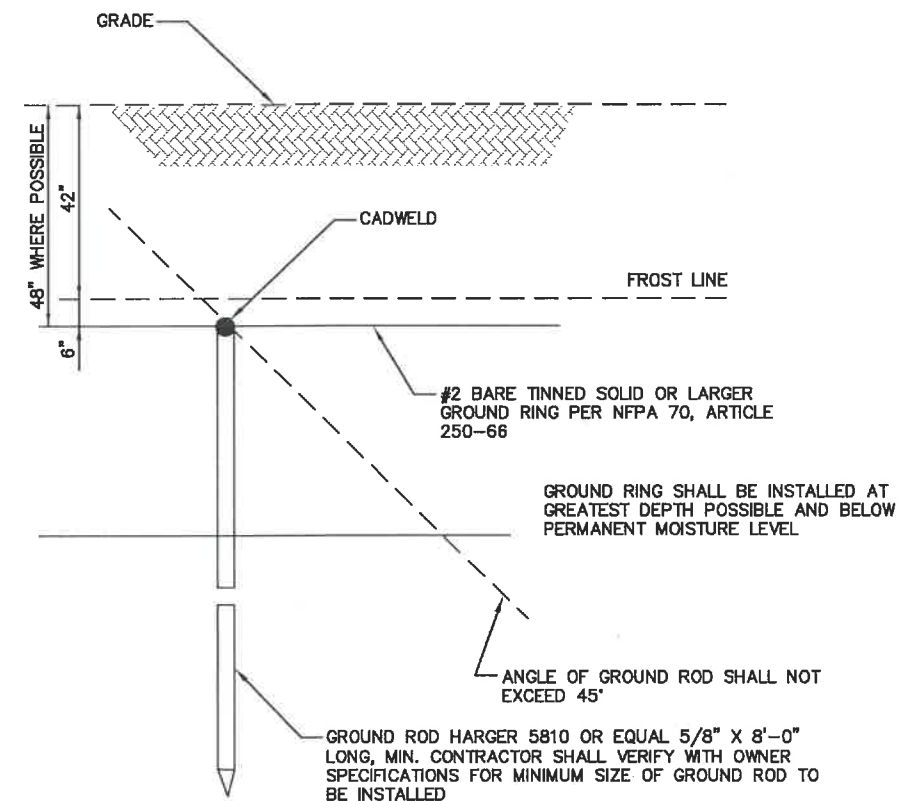
NOTE: GROUND RODS MAY BE:
- COPPER CLAD STEEL
- SOLID COPPER

NOTE: GROUNDING RODS SHALL HAVE A MAXIMUM SPACING TWICE THE LENGTH OF ROD

NOTE: SEE RESISTIVITY REPORT FOR VERIFICATION AS AVAILABLE

NOTE: A LARGER CONDUCTOR SHALL BE REQUIRED IN AREAS HIGHLY PRONE TO LIGHTNING AND/OR AREAS WITH HIGHLY ACIDIC SOIL

NOTE: GROUND RODS INSTALLED WITHIN CLOSE PROXIMITY TO TOWER OR WHEN SOIL IS AT OR BELOW 2,000 OHM-CM, SHALL BE GALVANIZED TO PREVENT GALVANIC CORROSION OF TOWER, (SEE ANSI/TIA-EIA-222-G)



3 GROUND ROD DETAIL

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CONSTRUCTION DETAILS

SHEET NUMBER:
D-2

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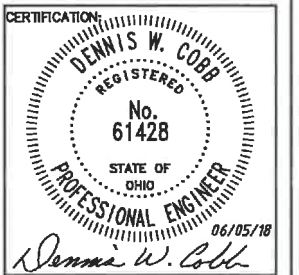
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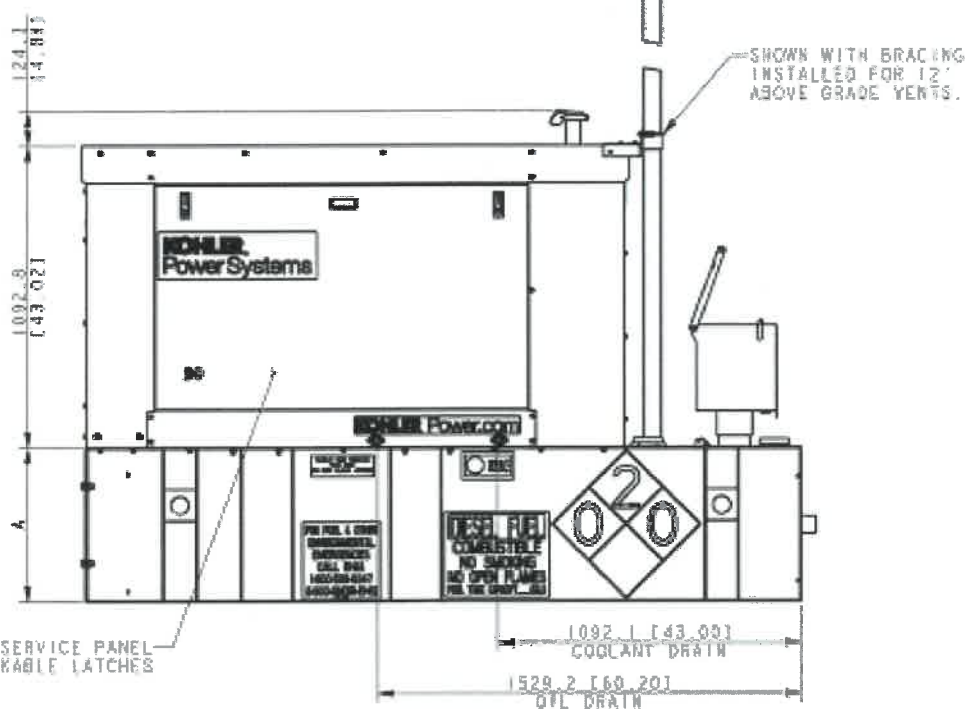
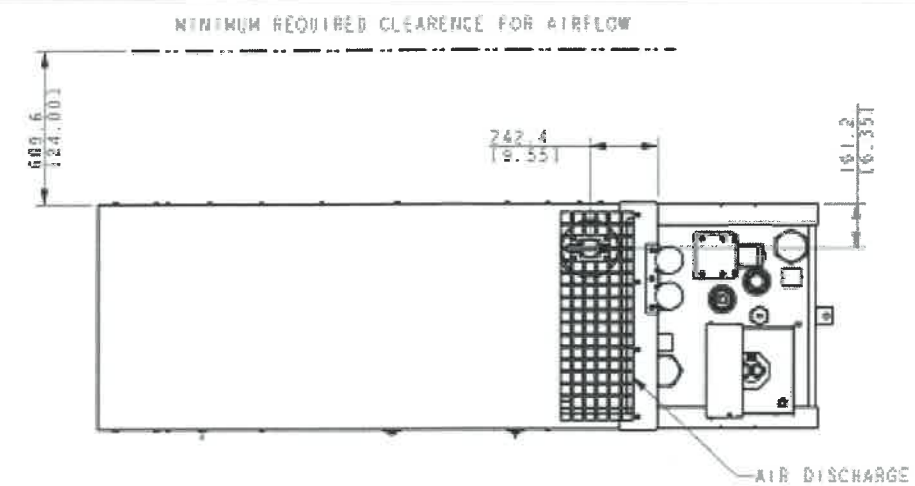
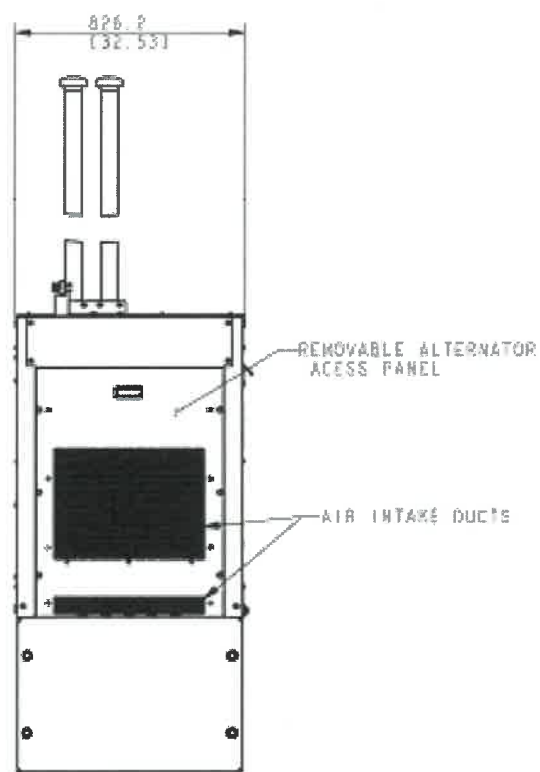
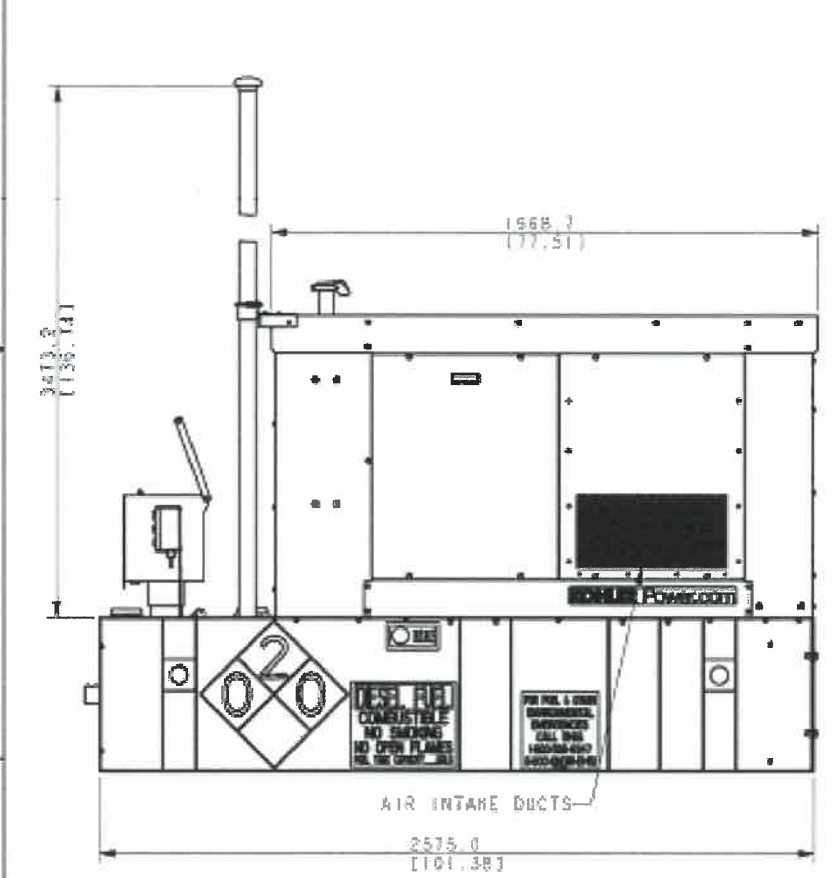
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SHEET TITLE:
**GENERATOR
 DETAILS**

SHEET NUMBER:
G-1
 DO NOT SCALE DRAWINGS

- NOTES:
1. THE RIGHT SIDE OF THE GENERATOR IS SERVICE ACCESSIBLE.
 2. 6 AMP BATTERY CHARGER.
 3. 120VAC ENGINE BLOCK HEATER.
 4. 120VAC 80W BATTERY HEATER.
 5. GENERATOR MUST BE GROUNDED.
 6. SOUND ATTENUATED ENCLOSURE STANDARD WITH GENERATOR.
 7. MUST ALLOW FREE FLOW OF DISCHARGE AIR AND EXHAUST.
 8. MUST ALLOW FREE FLOW OF INTAKE AIR.
 9. EASY ACCESS SERVICE PANEL IS LOCATED ON THE RIGHT SIDE OF THE GENERATOR ONLY.
 10. BASE TANK REQUIRES ALL STUD-UPS TO BE IN THE REAR TANK STUD-UP AREA.
 11. SEE TABLE FOR SUBBASE FUEL TANK CAPACITY.
 12. IT IS THE RESPONSIBILITY OF THE INSTALLATION TECHNICIAN TO ENSURE THAT THE GENERATOR INSTALLATION COMPLIES WITH ALL APPLICABLE CODES, STANDARDS, AND REGULATIONS.
 13. GENERATOR IS INSTALLED ON A UL-142 RATE DOUBLE WALL SUBBASE FUEL TANK.
 14. DRAWING SHOWS STATE TANK CONFIGURATION WITH DUAL 12" NORMAL VENTS USED ON THE WA, STATE TANK. STANDARD NORMAL VENT HEIGHT IS 2" ABOVE FUEL FILL HEIGHT.



NOTE: TANK SHOWN IN THESE DRAWING VIEWS IS CONFIGURED FOR WA, STATE WITH DUAL 12" ABOVE GRADE NORMAL VENTS. THESE ITEMS NOT INCLUDED IN ALL STATE CONFIGURATIONS.

GENSET	TANK P/N	TANK HT (A) MM (IN)	DESCRIPTION	ASSY WEIGHT
20RE02K	GN10166T-MA2	558.8 (22.03)	SKID/WA ST TANK 148 GAL	984 KG (2170 LBS)
20RE02K	GN10166T-MA1	558.8 (22.03)	SKID/ST TANK 148 GAL	984 KG (2170 LBS)
30RE02K	GN10166T-MA2	558.8 (22.03)	SKID/WA ST TANK 148 GAL	1051 KG (2318 LBS)
30RE02K	GN10166T-MA1	558.8 (22.03)	SKID/ST TANK 148 GAL	984 KG (2170 LBS)

20-30KW KOHLER DIESEL
 SOUND ENCL W/ LIFT OFF PANEL

REV	DATE	OR COMPOSITE DWG, SET PART NO FOR REVISION LEVEL	BY	APPROVED	DATE
-	7-13-16	NEW DRAWING (CT1524163)	JDR		

KOHLER CO. METRIC PRO-E
 POWER SYSTEMS, KOHLER, WI 53044 U.S.A.
 THIS DRAWING IN SECTION AND DETAIL IS KOHLER CO. PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH KOHLER CO. WORK. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.

DIMENSION PRINT, KD2604TM
 AT&T ST TANK W/SOUND ENCL
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