ZD DRAWING SIGN-OFF

DATE: TIME: % LYLE-PLEASE RETURN BY:

LYLE

	SIGNATURE	DATE
SITE ACQUISITION:		
PLANNING:		
CONSTRUCTION:		
MANAGEMENT:		

verizon WIRELESS

	SIGNATURE	DATE
CONSTRUCTION:		
REAL ESTATE:		
RF ENGINEER:		
EQUIPMENT ENGINEER:		
MW ENG./TRANSPORT:		

OTHER (IF APPLICABLE)

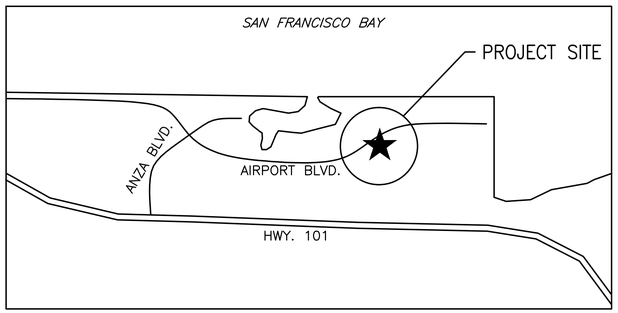
SIGNATURE	DATE

verizon WIRELESS

2785 Mitchell Drive, Walnut Creek, CA 94598

BAYSHORE SOUTH

533 AIRPORT BLVD.
BURLINGAME, CA 94010
APN: 026-363-250
LOCATION #: 283968



BURLINGAME, CA

LOCATION PLAN

PROJECT DIRECTORY

APPLICANT:
VERIZON WIRELESS
C/O THE LYLE COMPANY
3140 GOLD CAMP DRIVE, SUITE 30
RANCHO CORDOVA, CA 95670
ATTN: BRYAN LINCOLN II
OFFICE: 916-266-7052
CELL: 916-715-7660
blincoln@lyleco.com

ARCHITECT:
MANUEL S. TSIHLAS
MST ARCHITECTS, INC.
1520 RIVER PARK DRIVE
SACRAMENTO, CA 95815
916-567-9630
manuel@mstarchitects.com

PROPERTY OWNER:
GENE VLAHOS
533 AIRPORT BLVD.
BURLINGAME, CA 94010

CONSTRUCTION MANAGER:
VERIZON WIRELESS
C/O THE LYLE COMPANY
3140 GOLD CAMP DRIVE, SUITE 30
RANCHO CORDOVA, CA 95670-6192
ATTN: ROBERT DUNNETT
FAX: 916-266-7001
CELL: 916-801-6780
rdunnet@lyleco.com

PROJECT SUMMARY

ASSESSOR'S PARCEL NUMBER:	026-363-250
JURISDICTION:	CITY OF BURLINGAME
OCCUPANCY:	S-2 (UNMANNED TELECOMMUNICATIONS FACILITY)
TYPE OF CONSTRUCTION:	V-B
ZONING:	N/A

CODE COMPLIANCE

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

2013 CALIFORNIA BUILDING STANDARDS CODE, TITLE 24, CALIFORNIA CODE OF REGULATIONS INCLUDING SUPPLEMENTS EFFECTIVE JULY 1, 2015

PART 1	CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE
PART 2	CALIFORNIA BUILDING CODE
PART 2.5	CALIFORNIA RESIDENTIAL BUILDING CODE
PART 3	CALIFORNIA ELECTRICAL CODE
PART 4	CALIFORNIA MECHANICAL CODE
PART 5	CALIFORNIA PLUMBING CODE
PART 6	CALIFORNIA ENERGY CODE
PART 8	CALIFORNIA HISTORICAL BUILDING CODE
PART 9	CALIFORNIA FIRE CODE
PART 10	CALIFORNIA EXISTING BUILDING CODE
PART 11	CALIFORNIA GREEN BUILDING STANDARDS CODE
PART 12	CALIFORNIA REFERENCE STANDARDS CODE

LOCAL COUNTY OR CITY ORDINANCES

ACCESSIBILITY REQUIREMENTS: THIS FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. ACCESSIBILITY NOT REQUIRED IN ACCORDANCE WITH THE 2013 CBC 11B-203.5, AND 11B-202.4 EXCEPTION 7.

PROJECT DESCRIPTION

PROPOSED VERIZON WIRELESS UNMANNED TELECOMMUNICATIONS FACILITY INCLUDING:

- A 10.2'x14.5' LEASE AREA AND EQUIPMENT ROOM WITHIN AN EXISTING BUILDING PENTHOUSE.
- A 5'-0"x10'-0" LEASE AREA FOR PROPOSED HVAC UNIT LEASE AREA @ ROOF.
- (2) PROPOSED VERIZON WIRELESS HVAC COMPRESSORS MOUNTED ON EXISTING ROOF TOP.
- (2) 8'-0"x8'-0"x10'-0" TALL ANTENNA LEASE AREA ON THE EXISTING ROOF WITH AN RF TRANSPARENT SCREEN WALL FINISHED AND PAINTED TO MATCH EXISTING BUILDING.
- POWER & TELCO FROM GARAGE BELOW.
- A 5'-0"x10'-0" GENERATOR LEASE AREA FOR A PROPOSED UL2200 CERTIFIED 30KW STANDBY DIESEL GENERATOR AND UL 142 CERTIFIED 52 GALLON FUEL TANK.
- (2) PROPOSED 3" DIAMETER ROOF MOUNTED CONDUITS W/ (2) HYBRID TRUNK CABLES & GPS CABLES TO ANTENNAS MOUNTED ON ROOF.
- (6) ANTENNAS W/ASSOCIATED EQUIPMENT MOUNTED WITHIN RF TRANSPARENT CUPOLAS.
- (6) RRH UNITS (RRUS-12) W/ A2 BACKPACKS (3 PER SECTOR) MOUNTED BEHIND NEW ANTENNAS.
- (4) RAYCAP SURGE PROTECTORS (2 @ EQUIPMENT ROOM & 2 @ ANTENNAS).

NOTE: "ANY HIDDEN CONDITIONS THAT REQUIRE WORK TO BE PERFORMED BEYOND THE SCOPE OF THE BUILDING PERMIT ISSUED FOR THESE PLANS MAY REQUIRE FURTHER CITY APPROVALS INCLUDING REVIEW BY THE PLANNING COMMISSION." THE BUILDING OWNER, PROJECT DESIGNER, AND/OR CONTRACTOR MUST SUBMIT A REVISION TO THE CITY FOR ANY WORK NOT GRAPHICALLY ILLUSTRATED ON THE JOB COPY OF THE PLANS PRIOR TO PERFORMING THE WORK. 1

PROJECT MILESTONES

05/13/2015	90% ZONING DOCUMENTS
06/04/2015	100% ZONING DOCUMENTS
08/14/2015	100% ZONING DOCUMENTS REV 1 (PLAN CHECK) 1
XX/XX/XXXX	90% CONSTRUCTION DOCUMENTS
XX/XX/XXXX	100% CONSTRUCTION DOCUMENTS

NOTE:
CONSTRUCTION HOURS
WEEKDAYS: 7:00 A.M. – 7:00 P.M.
SATURDAYS: 9:00 A.M. – 6:00 P.M.
SUNDAYS AND HOLIDAYS: 10:00 A.M. – 6:00 P.M.
(SEE CITY OF BURLINGAME MUNICIPAL CODE, SECTION 13.04.100 FOR DETAILS)

CONSTRUCTION HOURS IN THE CITY PUBLIC RIGHT OF WAY ARE LIMITED TO WEEKDAYS AND NON-CITY HOLIDAYS BETWEEN 8:00 A.M. AND 5;00 P.M.

NOTE: CONSTRUCTION HOURS FOR WORK IN THE PUBLIC RIGHT OF WAY MUST NOW BE INCLUDED ON THE PLANS 1

DIRECTIONS

FROM VERIZON OFFICE @ 2785 MITCHELL DRIVE, WALNUT CREEK, CA 94598:

1. GET ON I-680 S FROM TREAT BLVD
2. HEAD NORTHEAST ON MITCHELL DR TOWARD OAK GROVE RD
3. TURN LEFT ONTO OAK GROVE RD
4. TURN LEFT ONTO TREAT BLVD
5. TURN RIGHT ONTO N MAIN ST
6. TURN RIGHT ONTO THE INTERSTATE 680 S RAMP TO OAKLAND/SAN JOSE
7. MERGE ONTO I-680 S
8. TAKE THE CALIFORNIA 24 EXIT TOWARD LAFAYETTE/OAKLAND
9. CONTINUE ONTO CA-24 W
10. KEEP LEFT TO STAY ON CA-24 W
11. KEEP LEFT AT THE FORK TO STAY ON CA-24 W
12. TAKE THE INTERSTATE 580 W EXIT
13. MERGE ONTO I-580 W
14. TAKE THE EXIT ON THE LEFT ONTO I-80 W TOWARD SAN FRANCISCO PARTIAL TOLL ROAD
15. TAKE THE EXIT ON THE LEFT TOWARD SAN JOSE/U.S. 101 S/AIRPORT
16. MERGE ONTO US-101 S
17. TAKE THE BROADWAY EXIT TOWARD BURLINGAME
18. KEEP LEFT, FOLLOW SIGNS FOR AIRPORT BLVD
19. DRIVE TO AIRPORT BLVD
20. TURN RIGHT ONTO ROLLINS RD
21. SHARP RIGHT ONTO BROADWAY
22. KEEP RIGHT AT THE FORK, FOLLOW SIGNS FOR BAY SHORE HWY S/AIRPORT BLVD
23. TURN RIGHT ONTO BAYSHORE HWY/OLD BAYSHORE HWY
24. TURN LEFT AT THE 1ST CROSS STREET ONTO AIRPORT BLVD/BROADWAY EXD
25. CONTINUE TO FOLLOW AIRPORT BLVD

INDEX OF DRAWINGS

1.	T1.1	TITLE SHEET, LOCATION PLAN, PROJECT DATA
2.	LS1	CIVIL SURVEY SHEET
3.	LS2	CIVIL SURVEY SHEET
4.	A1.1	OVERALL SITE PLAN
5.	A2.1	EQUIPMENT LAYOUT PLAN
6.	A2.2	ANTENNA LAYOUT PLAN
7.	A3.1	PROJECT ELEVATIONS
8.	A4.1	STANDBY GENERATOR DATA SHEETS 1
9.	A4.2	52 GALLON TANK DETAIL

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MST ARCHITECTS WIRELESS DIVISION
1520 River Park Drive, Sacramento, CA 95815
916-567-9630
www.MSTArchitects.com

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533 AIRPORT BLVD
BURLINGAME, CA 94010

verizon WIRELESS

SHEET TITLE: TITLE SHEET, LOCATION PLAN, PROJECT DATA

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Revisions:
1 08/13/15
2 --
3 --
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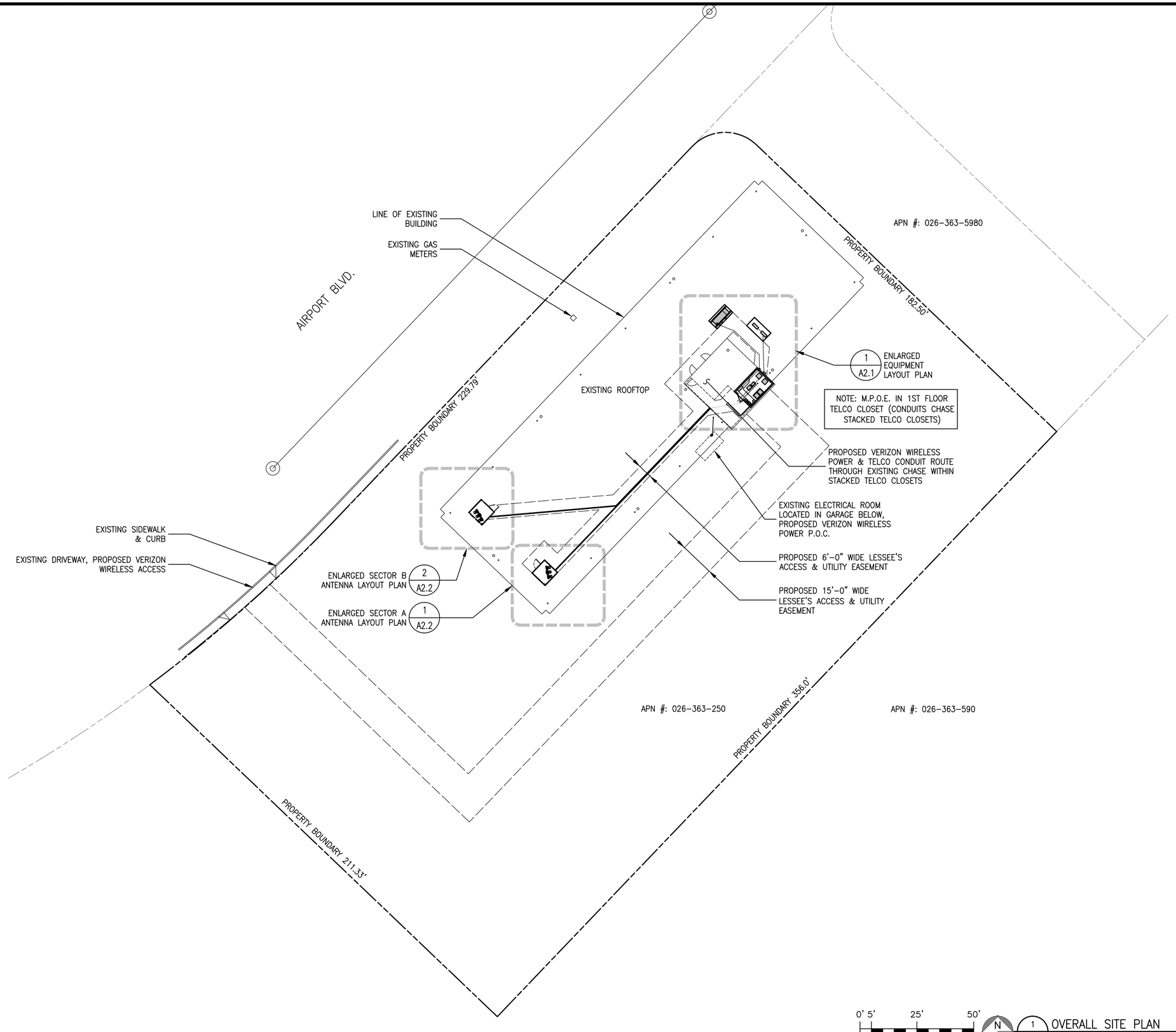
File: 200.270 _T11.dwg
Drawn By: ALB
Checked By: ALB
Scale: AS NOTED
Date: 08/14/2015

Job No. 200.270

T1.1



1 A1.1 OVERALL SITE PLAN
SCALE: 1" = 20.0'

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BURLINGAME, CA 94010

SHEET TITLE: OVERALL SITE PLAN

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Drawn By: ALB
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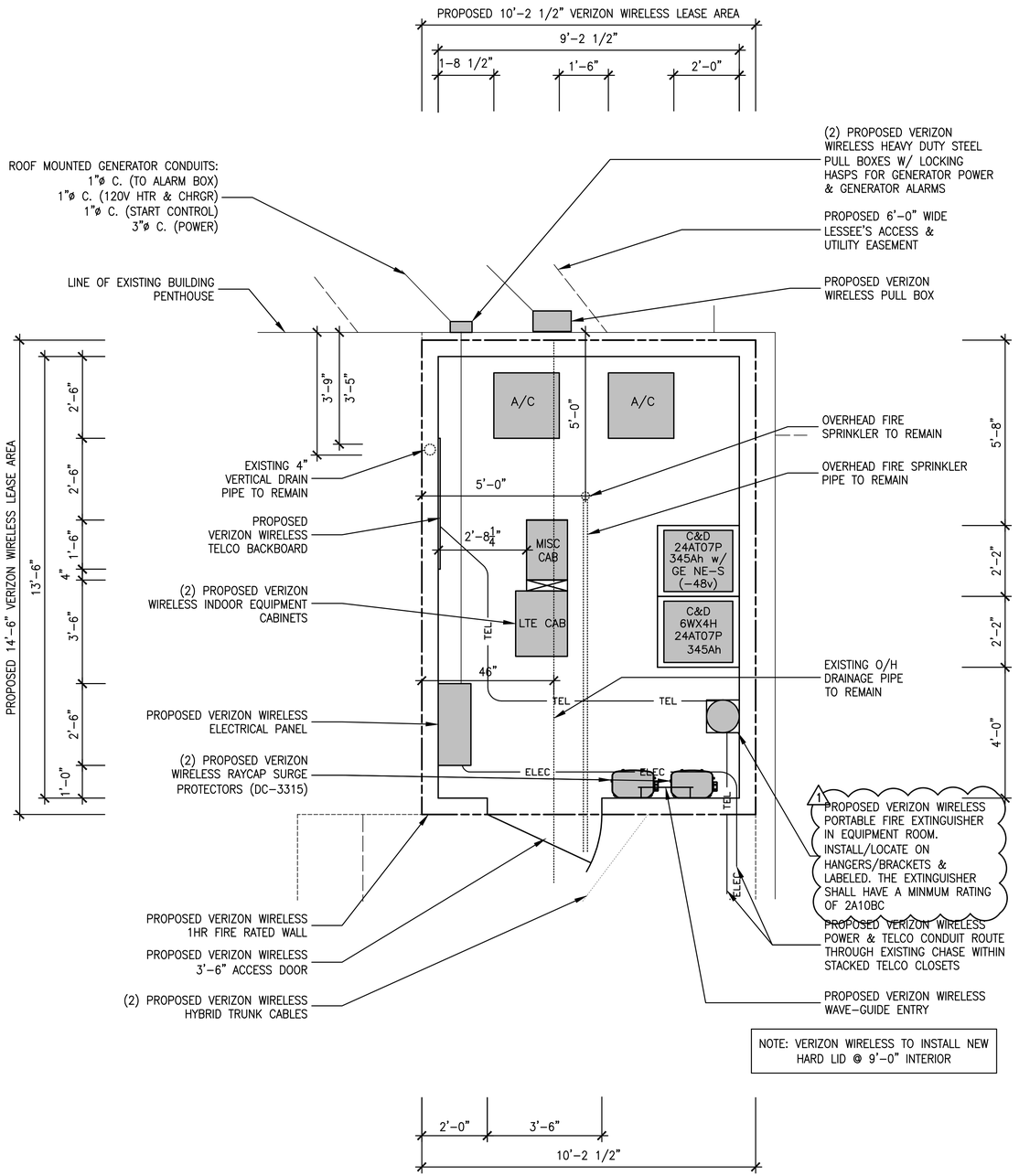
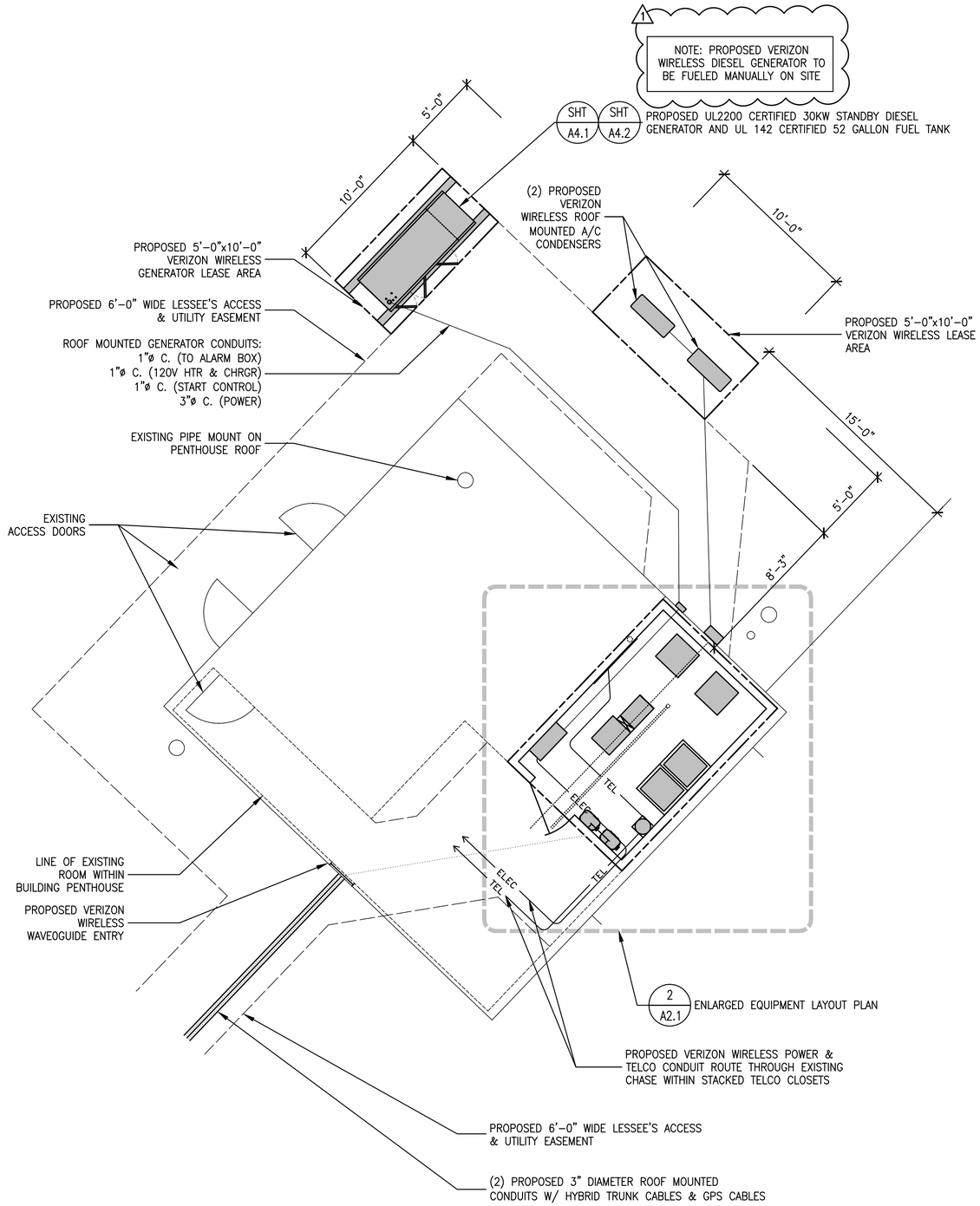
Scale: AS NOTED
Date: 08/14/2015

Job No. 200.270

A1.1





0' 1' 5' 10'
1/2" = 1'-0"

1 A2.1 ENLARGED EQUIPMENT LAYOUT PLAN
SCALE: 1/2" = 1'-0"

0' 1' 5' 10'
1/4" = 1'-0"

2 A2.1 EQUIPMENT LAYOUT PLAN @ ROOF
SCALE: 1/4" = 1'-0"

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SHEET TITLE: EQUIPMENT LAYOUT PLANS

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1 08/13/15
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File: 200.270 _A21.dwg
Drawn By: ALB
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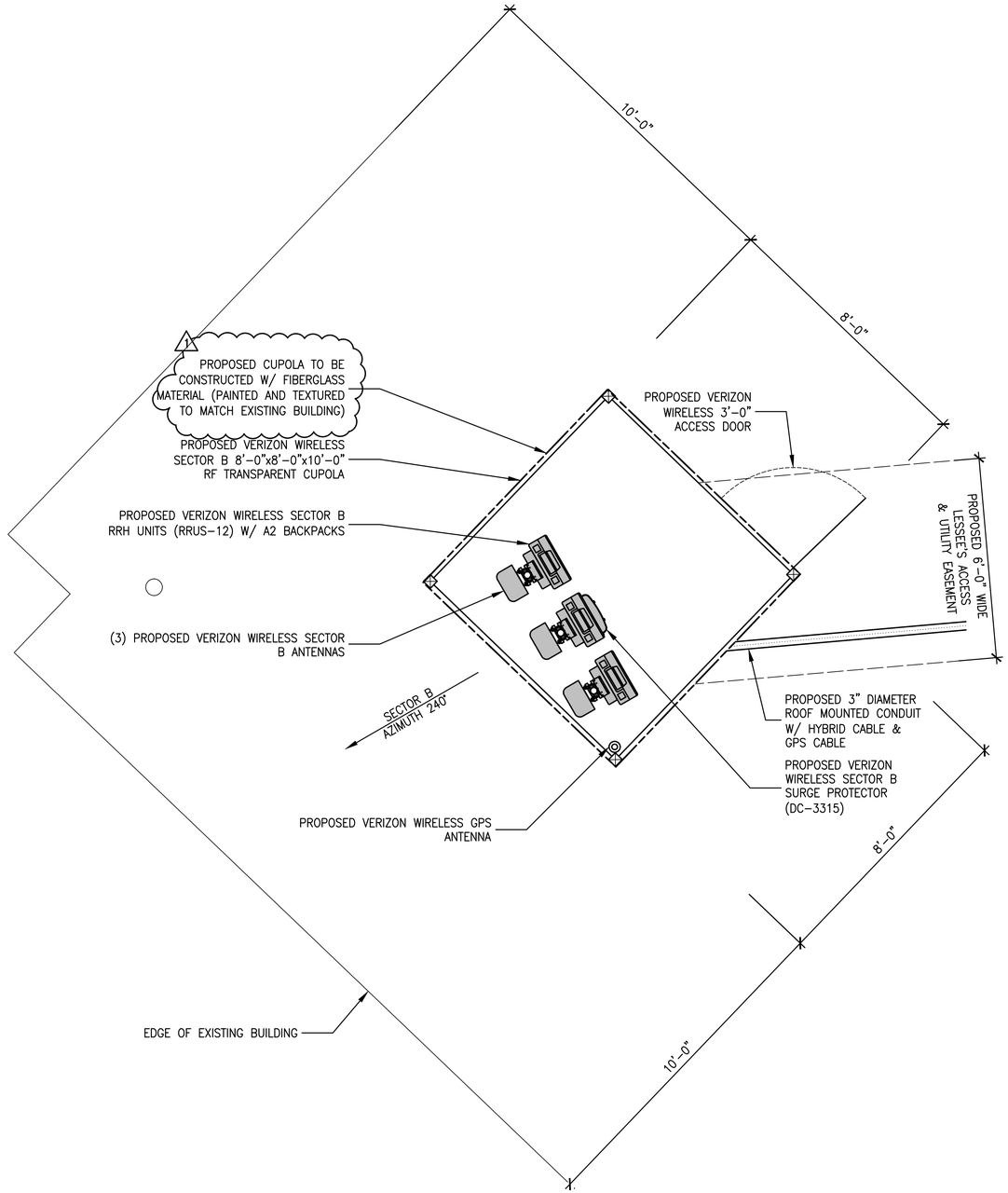
Scale: AS NOTED
Date: 08/14/2015

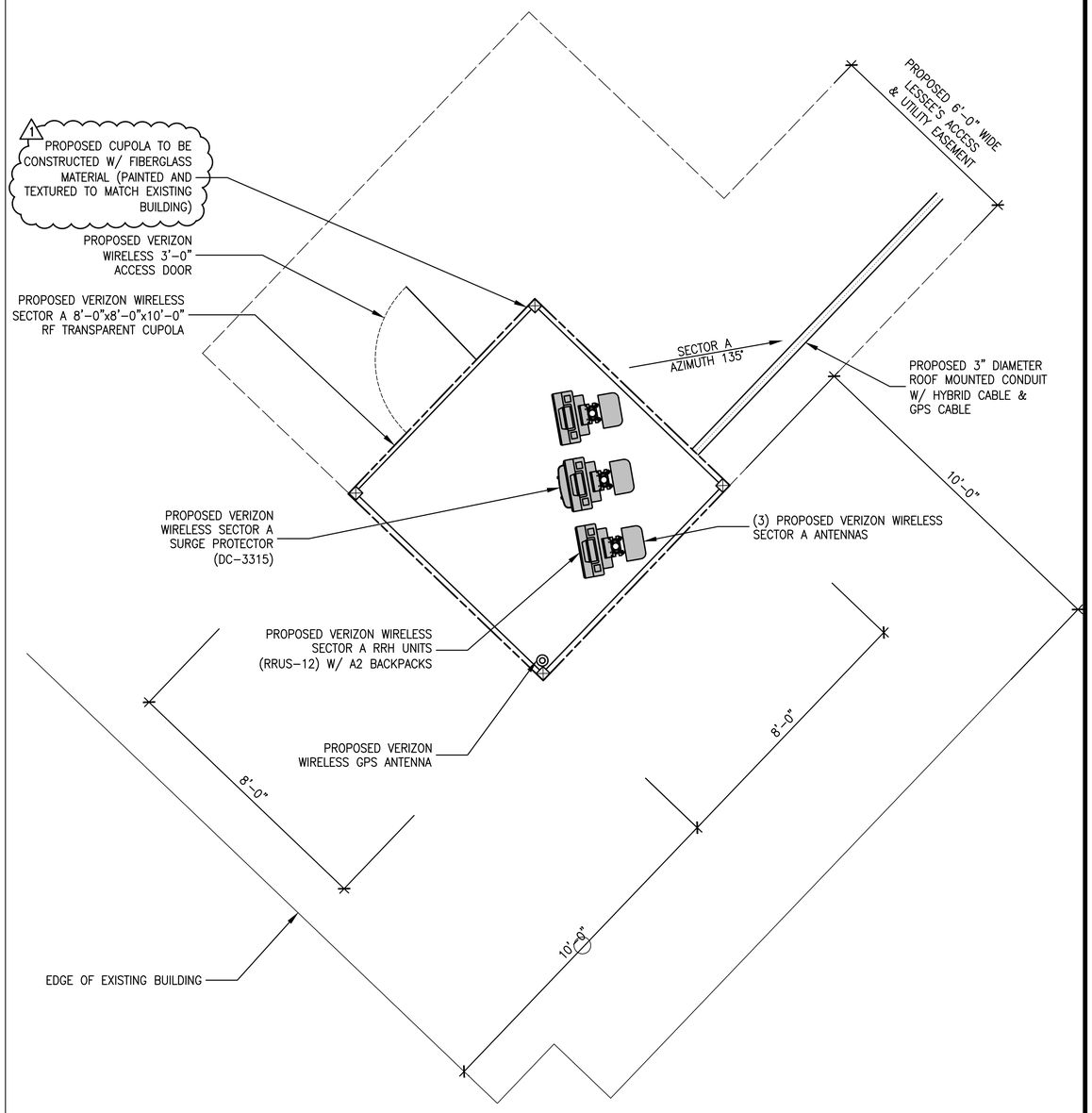
Job No. 200.270

A2.1



0' 1' 5' 10'
1/2" = 1'-0"

2 A2.2 ENLARGED SECTOR B ANTENNA LAYOUT PLAN
SCALE: 1/2" = 1'-0"



0' 1' 5' 10'
1/2" = 1'-0"

1 A2.2 ENLARGED SECTOR A ANTENNA LAYOUT PLAN
SCALE: 1/2" = 1'-0"

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SHEET TITLE: ANTENNA LAYOUT PLAN

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File: 200.270_A22.dwg
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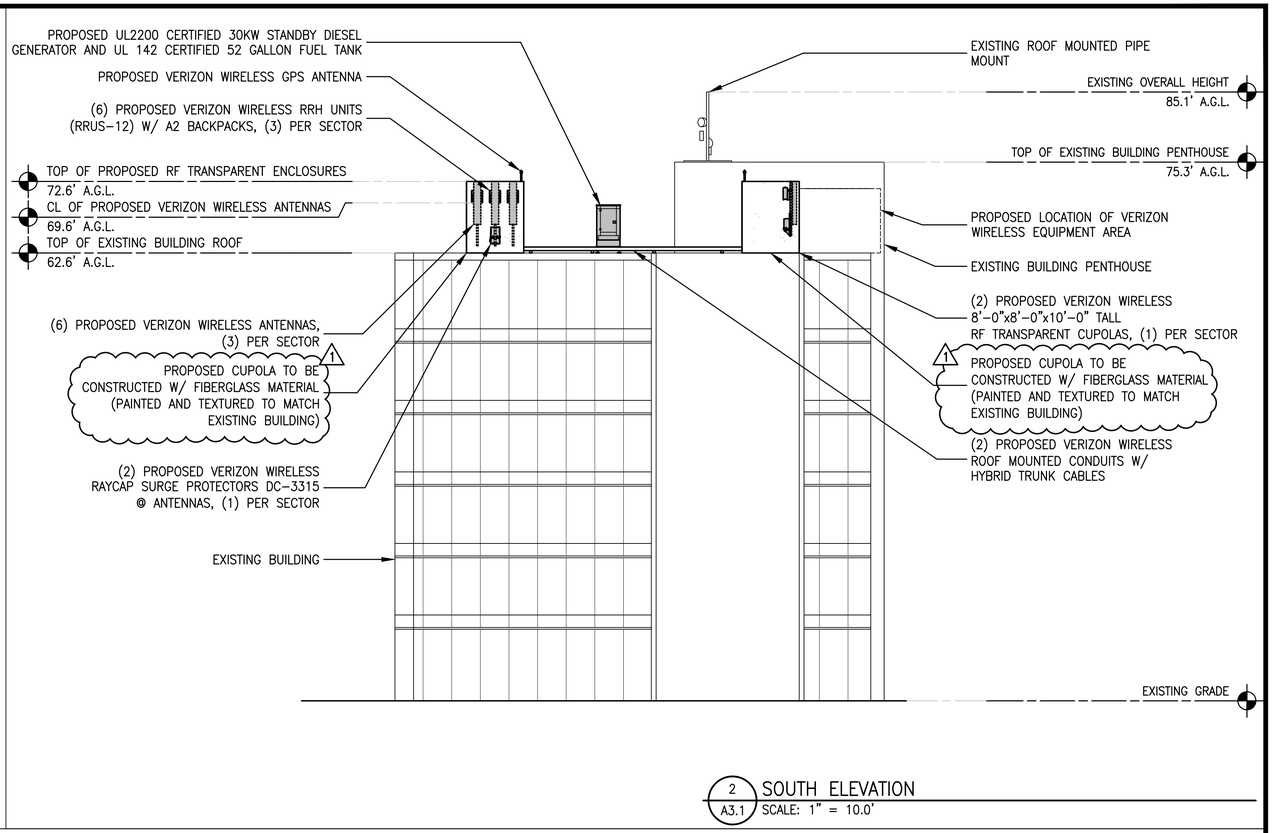
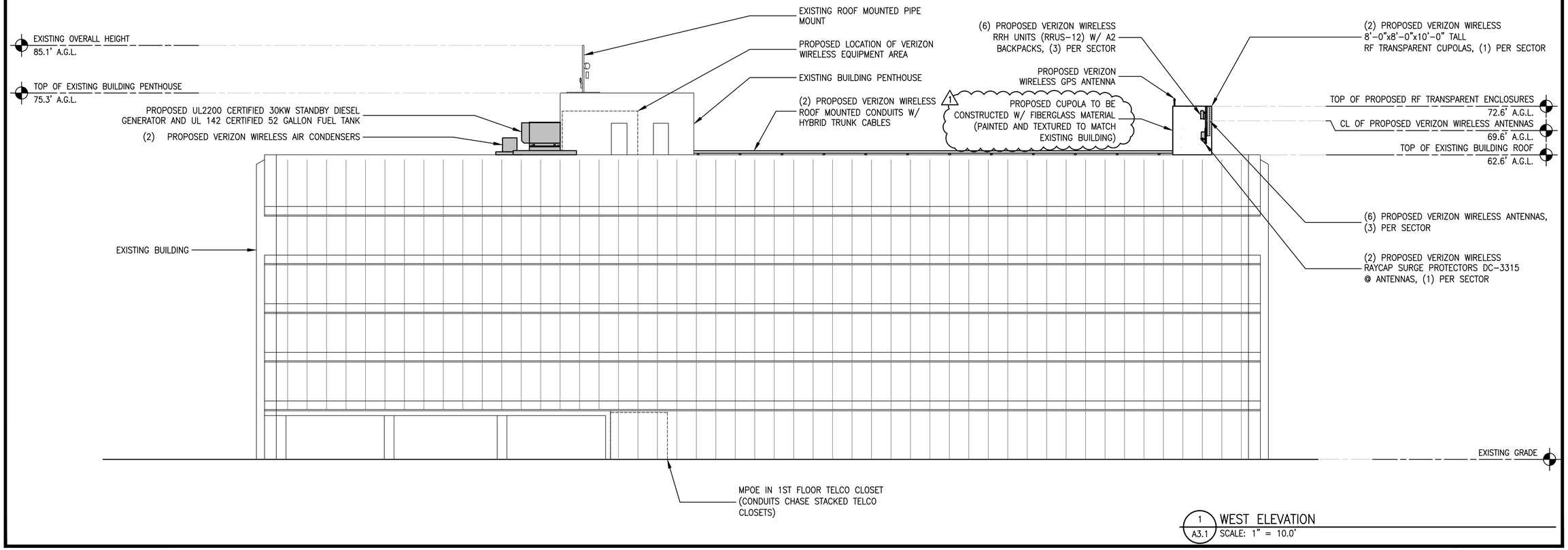
Job No. 200.270

A2.2



2 A3.1 SOUTH ELEVATION
SCALE: 1" = 10.0'



1 A3.1 WEST ELEVATION
SCALE: 1" = 10.0'

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SHEET TITLE: PROJECT ELEVATIONS

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1 08/13/15
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Drawn By: ALB
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Scale: AS NOTED
Date: 08/14/2015

Job No. 200.270

A3.1

GENERAC | INDUSTRIAL POWER

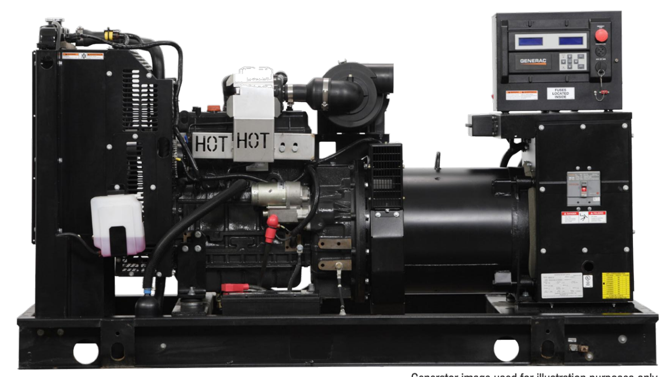
SD030

Industrial Diesel Generator Set

EPA Emissions Certification: Tier 4i

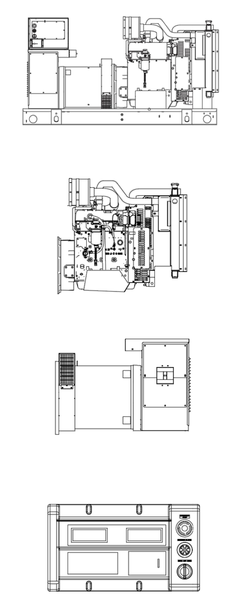
Standby Power Rating
37.5kVA 30kW 60 Hz

Prime Power Rating*
30kVA 24KW 60 Hz



Generator image used for illustration purposes only

*EPA Certified Prime ratings are not available in the U.S. or its Territories for engine model year 2011 and beyond



features	benefits
Generator Set	
PROTOTYPE & TORSIONALLY TESTED	PROVIDES A PROVEN UNIT
UL2200 TESTED	ENSURES A QUALITY PRODUCT
RHINOCOAT PAINT SYSTEM	IMPROVES RESISTANCE TO ELEMENTS
WIDE RANGE OF ENCLOSURES AND TANKS	PROVIDES A SINGLE SOURCE SOLUTION
Engine	
EPA COMPLIANT	ENVIRONMENTALLY FRIENDLY
INDUSTRIAL TESTED, GENERAC APPROVED	ENSURES INDUSTRIAL STANDARDS
POWER-MATCHED OUTPUT	ENGINEERED FOR PERFORMANCE
INDUSTRIAL GRADE	IMPROVES LONGEVITY AND RELIABILITY
Alternator	
TWO-THIRDS PITCH	ELIMINATES HARMFUL 3RD HARMONIC
LAYER WOUND ROTOR & STATOR	IMPROVES COOLING
CLASS H MATERIALS	HEAT TOLERANT DESIGN
DIGITAL 3-PHASE VOLTAGE CONTROL	FAST AND ACCURATE RESPONSE
Controls	
ENCAPSULATED BOARD W/ SEALED HARNESS	EASY, AFFORDABLE REPLACEMENT
4-20mA VOLTAGE-TO-CURRENT SENSORS	NOISE RESISTANT 24/7 MONITORING
SURFACE-MOUNT TECHNOLOGY	PROVIDES VIBRATION RESISTANCE
ADVANCED DIAGNOSTICS & COMMUNICATIONS	HARDENED RELIABILITY

primary codes and standards

GENERAC | INDUSTRIAL POWER

SD030 application and engineering data

ENGINE SPECIFICATIONS

General

Make	Generac
EPA Emissions Compliance	Tier 4 Interim
EPA Emissions Reference	See Emissions Data Sheet
Cylinder #	4
Type	In-Line
Displacement - L (cu. in.)	2.4
Bore - mm (in.)	90 (3.54)
Stroke - mm (in.)	94 (3.70)
Compression Ratio	21.3:1
Intake Air Method	Turbocharged
Cylinder Head Type	Cast Iron
Piston Type	Aluminum

Engine Governing

Governor	Electronic Isochronous
Frequency Regulation (Steady State)	± 0.25%

Lubrication System

Oil Pump Type	Gear
Oil Filter Type	Full Flow
Crankcase Capacity - L (qts)	6.2 (6.52)

Cooling System

Cooling System Type	Closed Recovery
Water Pump Flow	Pre-Lubed, Self Sealing
Fan Type	Pusher
Fan Speed (rpm)	2698
Fan Diameter mm (in.)	560 (22)
Coolant Heater Wattage	1500
Coolant Heater Standard Voltage	120VAC

Fuel System

Fuel Type*	Ultra Low Sulfur Diesel Fuel
Fuel Specifications	ASTM
Fuel Filtering (microns)	5
Fuel Inject Pump Make	Bosch
Fuel Pump Type	Engine Driven Gear
Injector Type	Mechanical
Fuel Supply Line - mm (in.)	7.94 (0.31)
Fuel Return Line - mm (in.)	7.94 (0.31)

Engine Electrical System

System Voltage	12VDC
Battery Charging Alternator	Std
Battery Size (at 0ºC)	925
Battery Group	27F/31
Battery Voltage	12VDC
Ground Polarity	Negative

ALTERNATOR SPECIFICATIONS

Standard Model	390
Poles	4
Field Type	Revolving
Insulation Class - Rotor	H
Insulation Class - Stator	H
Total Harmonic Distortion	< 3.5%
Telephone Interference Factor (TIF)	< 50
Standard Excitation	Synchronous Brushless
Bearings	Single Sealed Cartridge
Coupling	Direct, Flexible Disc
Load Capacity - Standby	100%
Prototype Short Circuit Test	Yes

Voltage Regulator Type	Digital
Number of Sensed Phases	All
Regulation Accuracy (Steady State)	± 0.25%

CODES AND STANDARDS COMPLIANCE (WHERE APPLICABLE)

NFPA 99	BS5514
NFPA 110	SAE J1349
ISO 8528-5	DIN6271
ISO 1708A.5	IEEE C62.41 TESTING
ISO 3046	NEMA ICS 1

Rating Definitions:
Standby – Applicable for a varying emergency load for the duration of a utility power outage with no overload capability. (Max. load factor = 70%)
Prime – Applicable for supplying power to a varying load in lieu of utility for an unlimited amount of running time. (Max. load factor = 80%) A 10% overload capacity is available for 1 out of every 12 hours.

GENERAC | INDUSTRIAL POWER

SD030 operating data (60Hz)

POWER RATINGS (kW)

	STANDBY		PRIME	
Single-Phase 120/240VAC @1.0pf	30 kW	Amps: 125	24 kW	Amps: 100
Three-Phase 120/208VAC @0.8pf	30 kW	Amps: 104	24 kW	Amps: 83
Three-Phase 120/240VAC @0.8pf	30 kW	Amps: 90	24 kW	Amps: 72
Three-Phase 277/480VAC @0.8pf	30 kW	Amps: 45	24 kW	Amps: 36
Three-Phase 346/600VAC @0.8pf	30 kW	Amps: 36	24 kW	Amps: 29

STARTING CAPABILITIES (sKVA)

sKVA vs. Voltage Dip

		480VAC						208/240VAC					
Alternator	kW	10%	15%	20%	25%	30%	35%	10%	15%	20%	25%	30%	35%
Standard	35	24	36	48	60	72	84	18	27	36	45	54	63
Upsize 1	40	27	41	54	68	81	95	20	31	41	51	61	71
Upsize 2	50	34	52	69	86	103	120	26	39	52	65	77	90

FUEL

Fuel Pump Lift - in (m)
36 (.9)

Total Fuel Pump Flow (Combustion + Return)
4.5 gph

Fuel Consumption Rates*

STANDBY			PRIME		
Percent Load	gph	lph	Percent Load	gph	lph
25%	0.92	3.5	25%	0.78	3.0
50%	1.45	5.5	50%	1.04	3.9
75%	1.96	7.4	75%	1.62	6.1
100%	2.74	10.4	100%	2.4	9.1

* Refer to "Emissions Data Sheet" for maximum fuel flow for EPA and SCAQMD permitting purposes.

COOLING

		STANDBY	PRIME
Coolant Flow per Minute	gpm (lpm)	10 (38)	10 (38)
Heat Rejection to Coolant	BTU/hr	111,000	99,000
Inlet Air	cfm (m3/hr)	4,500 (7647)	4,500 (7647)
Max. Operating Radiator Air Temp	Fº (Cº)	122 (50)	122 (50)
Max. Operating Ambient Temperature	Fº (Cº)	104 (40)	104 (40)
Coolant System Capacity	gal (L)	2.8 (10.95)	2.8 (10.95)
Maximum Radiator Backpressure	in H_2O	1.5	1.5

COMBUSTION AIR REQUIREMENTS

		STANDBY	PRIME
Flow at Rated Power	cfm (m3/min)	90 (2.55)	90 (2.55)

ENGINE

		STANDBY	PRIME
Rated Engine Speed	rpm	1800	1800
Horsepower at Rated kW**	hp	49	49
Piston Speed	ft/min (m/min)	1110 (338)	1110 (338)
BMEP	psi	153	123

** Refer to "Emissions Data Sheet" for maximum bHP for EPA and SCAQMD permitting purposes.

EXHAUST

		STANDBY	PRIME
Exhaust Flow (Rated Output)	cfm (m^3/min)	230 (391)	217 (368)
Max. Backpressure (Post Silencer)	inHg (Kpa)	1.5 (5.1)	1.5 (5.1)
Exhaust Temp (Rated Output)	ºF (ºC)	850 (454)	775 (413)
Exhaust Outlet Size (Open Set)	NPT (male)	63.5 (2.5)	63.5 (2.5)

Deration – Operational characteristics consider maximum ambient conditions. Derate factors may apply under atypical site conditions. Please consult a Generac Power Systems Industrial Dealer for additional details. All performance ratings in accordance with ISO3046, BS5514, ISO8528 and DIN6271 standards.

GENERAC | INDUSTRIAL POWER

SD030 standard features and options

GENERATOR SET

●	Genset Vibration Isolation	Std
○	IBC Seismic Certified/Seismic Rated Vibration Isolators	Opt
○	Extended warranty	Opt
○	Gen-Link Communications Software	Opt
○	Steel Enclosure	Opt
○	Aluminum Enclosure	Opt

ENGINE SYSTEM

	General	
●	Oil Drain Extension	Std
○	Oil Make-Up System	Opt
○	Oil Heater	Opt
●	Air cleaner	Std
●	Fan guard	Std
●	Radiator duct adapter	Std
	Fuel System	
●	Fuel lockoff solenoid	Std
●	Secondary fuel filter	Std
●	Stainless steel flexible exhaust connection	Std
●	Industrial Exhaust Silencer	Std
○	Critical Exhaust Silencer	Opt
○	Flexible fuel lines	Opt
○	Primary fuel filter	Opt
○	Single Wall Tank (Export Only)	-
○	UL 142 Fuel Tank	Opt
	Cooling System	
○	120VAC Coolant Heater	Opt
○	208VAC Coolant Heater	Opt
○	240VAC Coolant Heater	Opt
○	Other Coolant Heater ____________	-
●	Closed Coolant Recovery System	Std
●	UV/Ozone resistant hoses	Std
●	Factory-Installed Radiator	Std
●	Radiator Drain Extension	Std
	Engine Electrical System	
●	Battery charging alternator	Std
●	Battery cables	Std
●	Battery tray	Std
○	Battery box	Opt
○	Battery heater	Opt
●	Solenoid activated starter motor	Std
○	2.5A UL battery charger	Opt
○	10A UL float/equalize battery charger	Opt
●	Rubber-booted engine electrical connections	Std

ALTERNATOR SYSTEM

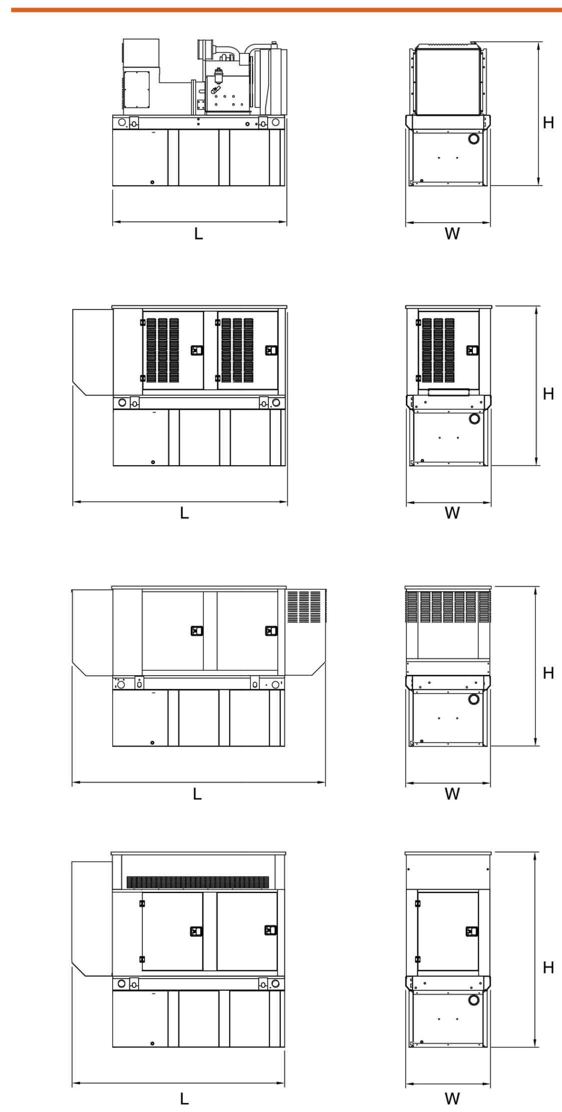
●	UL2200 GENprotectTM	Std
○	Main Line Circuit Breaker	Opt
○	2nd Circuit Breaker	Opt
○	3rd Circuit Breaker	-
○	Alternator Upsizing	Opt
○	Anti-Condensation Heater	Opt
○	Tropical coating	Opt
○	Permanent Magnet Generator	Opt

CONTROL SYSTEM

	Control Panel	
●	Digital H Control Panel - Dual 4x20 Display	Std
○	Digital G-100 Control Panel - Touchscreen	na
○	Digital G-200 Paralleling Control Panel - Touchscreen	na
●	Programmable Crank Limiter	Std
○	21-Light Remote Annunciator	Opt
○	Remote Relay Panel (8 or 16)	Opt
●	7-Day Programmable Exerciser	Std
●	Special Applications Programmable PLC	Std
●	RS-232	Std
●	RS-485	Std
●	All-Phase Sensing DVR	Std
●	Full System Status	Std
●	Utility Monitoring (Req. H-Transfer Switch)	Std
●	2-Wire Start Compatible	Std
●	Power Output (kW)	Std
●	Power Factor	Std
●	Reactive Power	Std
●	All phase AC Voltage	Std
●	All phase Currents	Std
●	Oil Pressure	Std
●	Coolant Temperature	Std
●	Coolant Level	Std
○	Oil Temperature	Opt
●	Fuel Pressure	Std
●	Engine Speed	Std
●	Battery Voltage	Std
●	Frequency	Std
●	Date/Time Fault History (Event Log)	Std
○	Low-Speed Exercise	-
●	Isochronous Governor Control	Std
●	-40deg C - 70deg C Operation	Std
●	Waterproof Plug-In Connectors	Std
●	Audible Alarms and Shutdowns	Std
●	Not in Auto (Flashing Light)	Std
●	Auto/Off/Manual Switch	Std
●	E-Stop (Red Mushroom-Type)	Std
○	Remote E-Stop (Break Glass-Type, Surface Mount)	Opt
○	Remote E-Stop (Red Mushroom-Type, Surface Mount)	Opt
○	Remote E-Stop (Red Mushroom-Type, Flush Mount)	Opt
●	NFPA 110 Level I and II (Programmable)	Std
●	Remote Communication - RS232	Std
○	Remote Communication - Modem	Opt
○	Remote Communication - Ethernet	Opt
○	10A Run Relay	Opt
	Alarms (Programmable Tolerances, Pre-Alarms and Shutdowns)	
○	Low Fuel	Opt
●	Oil Pressure (Pre-programmed Low Pressure Shutdown)	Std
●	Coolant Temperature (Pre-programmed High Temp Shutdown)	Std
●	Coolant Level (Pre-programmed Low Level Shutdown)	Std
○	Oil Temperature	Opt
●	Engine Speed (Pre-programmed Overspeed Shutdown)	Std
●	Voltage (Pre-programmed Overvoltage Shutdown)	Std
●	Battery Voltage	Std

GENERAC | INDUSTRIAL POWER

SD030 dimensions, weights and sound levels



OPEN SET

RUN TIME HOURS	USABLE CAPACITY (GAL)	L	W	H	WT	dBA*
NO TANK	-	76	38	46	2060	82
20	54	76	38	59	2540	
48	132	76	38	71	2770	
77	211	76	38	83	2979	
109	300	93	38	87	3042	

STANDARD ENCLOSURE

RUN TIME HOURS	USABLE CAPACITY (GAL)	L	W	H	WT	dBA*
NO TANK	-	95	38	50	2362	77
20	54	95	38	63	2842	
48	132	95	38	75	3072	
77	211	95	38	87	3281	
109	300	95	38	91	3344	

LEVEL 1 ACOUSTIC ENCLOSURE

RUN TIME HOURS	USABLE CAPACITY (GAL)	L	W	H	WT	dBA*
NO TANK	-	113	38	50	2515	70
20	54	113	38	63	2995	
48	132	113	38	75	3225	
77	211	113	38	87	3434	
109	300	113	38	91	3497	

LEVEL 2 ACOUSTIC ENCLOSURE

RUN TIME HOURS	USABLE CAPACITY (GAL)	L	W	H	WT	dBA*
NO TANK	-	95	38	62	2520	68
20	54	95	38	75	3000	
48	132	95	38	87	3230	
77	211	95	38	99	3439	
109	300	95	38	103	3502	

*All measurements are approximate and for estimation purposes only. Weights are without fuel in tank. Sound levels measured at 23ft (7m) and does not account for ambient site conditions.

Tank Options

○	MDEQ	OPT
○	Florida DERM/DEP	OPT
○	Chicago Fire Code	OPT
○	IFC Certification	CALL
○	ULC	CALL

Other Custom Options Available from your Generac Industrial Power Dealer

YOUR FACTORY RECOGNIZED GENERAC INDUSTRIAL DEALER

Specification characteristics may change without notice. Dimensions and weights are for preliminary purposes only. Please consult a Generac Power Systems Industrial Dealer for detailed installation drawings.

Generac Power Systems, Inc. • S45 W29290 HWY. 59, Waukesha, WI 53189 • generac.com

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1 / A4.1 STANDBY GENERATOR DATASHEETS
SCALE: NONE

MST ARCHITECTS
WIRELESS DIVISION
1520 River Park Drive, Sacramento, CA 95815
916-567-9630
www.MSTArchitects.com

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verizon WIRELESS

BAYSHORE SOUTH
533 AIRPORT BLVD
BURLINGAME, CA 94010

SHEET TITLE: STANDBY GENERATOR DATASHEETS

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Revisions:
1 08/13/15
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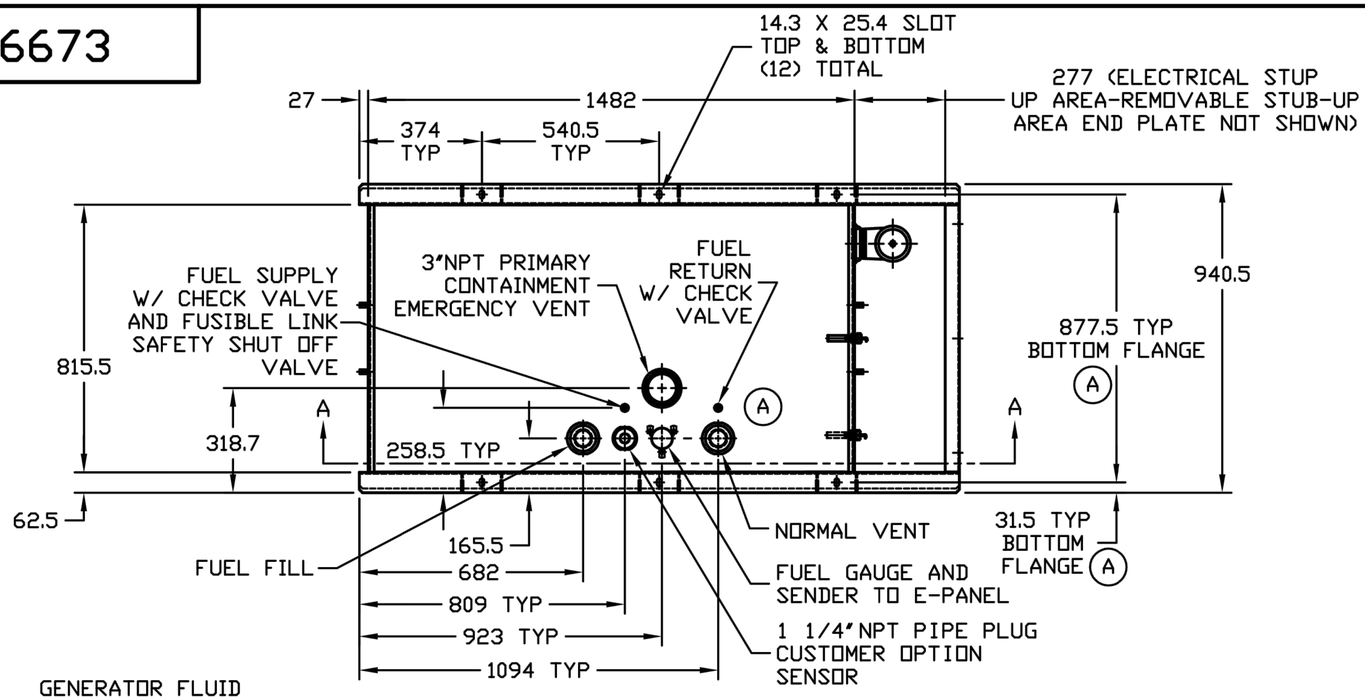
File: 200.270 _A41.dwg
Drawn By: ALB
Checked By: ALB
Scale: AS NOTED
Date: 08/14/2015

Job No. 200.270

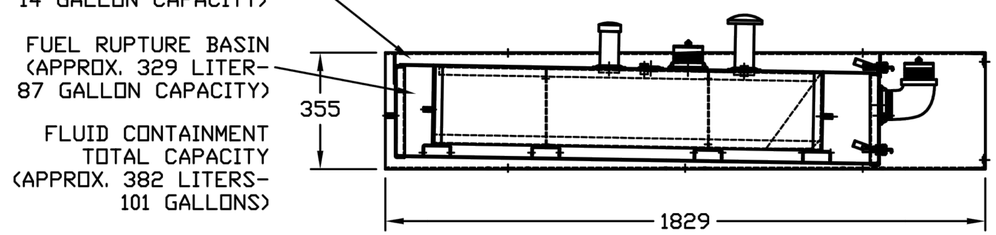
1 A4.1

REV

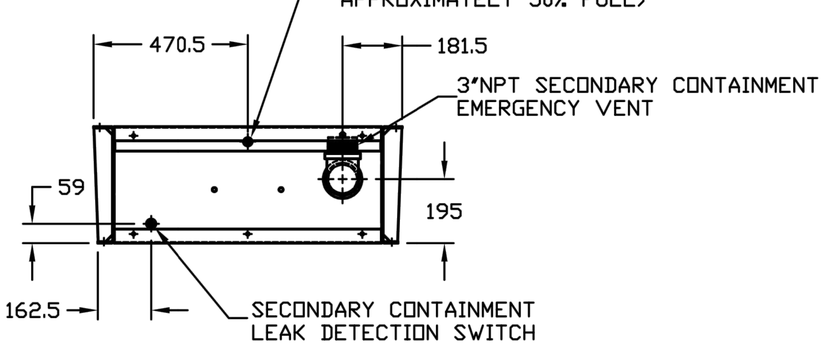
0E6673



TANK LABELED FOR U. L. 142
ABOVE GROUND FUEL STORGE



SECTION A-A



NOTE:

TANK SHALL BE MARKED WITH 3" HIGH LETTERS TO INDICATE DIESEL FUEL USE ONLY AND CAPACITY IN GALLONS.

5/03	-A	REARRANGED GAUGE POSITIONS, DIM 877.5 TYP BOTH FLANGE WAS 903.3 TYP, DIM 31.5 TYP BOTH FLANGE WAS 18.5 TYP			

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EST. WT.

FINAL WT.

DO NOT SCALE

ALL DIMENSIONS AND TOLERANCING PER ASME Y14.5M-1994

UNLESS OTHERWISE SPECIFIED :

ALL XX DIM. ----- ±1 MM
ALL XX.X DIM.----- ±1 MM
ALL ANGLES ------- ±1°
ALL PUNCHED HOLES - ±0.1 MM
ALL PROFILED HOLES- ±1 MM

DRAWING TITLE
SUBMITTAL, 52 GALLON TANK W/BASIN, VERIZON WIRELESS

MATERIAL

DWN	JRS	DATE 5/20/03	MFG N/A	DATE N/A	
CHKD	TMM	DATE 5/22/03	APPD AG	DATE 6/25/03	
RELEASED FOR PRODUCTION	BY A. GILLETTE			DATE 6/25/03	

GENERAC POWER SYSTEMS
Eagle
P.O. BOX 8
WAUKESHA, WIS. 53187

FILE NAME 0E6673-A.DWG | SIZE B

SCALE 1 = 16 | FIRST USE 3.9L DIESEL

DWG NO. 0E6673 | REV A

1 / A4.2 52 GALLON TANK DETAIL
SCALE: NONE

MST ARCHITECTS
WIRELESS DIVISION
1520 River Park Drive, Sacramento, CA 95815
916-567-9630
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SHEET TITLE: 52 GALLON TANK DETAIL

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Revisions:
1 08/13/15
2 --
3 --
4 --
5 --

File: 200.270 _A61.dwg
Drawn By: ALB
Checked By: ALB
Scale: AS NOTED
Date: 08/14/2015

Job No. 200.270

A4.2