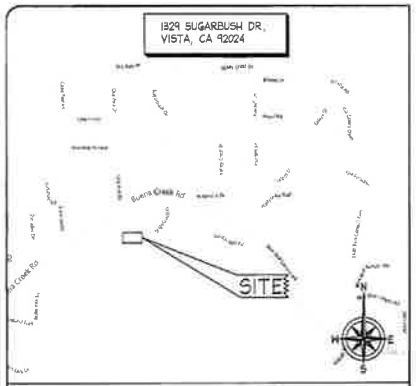


VICINITY MAP - N.T.S.

verizon wireless

MONTE VISTA BUENA CREEK

1329 SUGARBUSH DR.
VISTA, CA 92024

DIRECTIONS TO SITE

TAKE RAMP ONTO I-5 S. GO 45.3 MI. TAKE EXIT 51B/ESCONDIDO/VISTA WAY ONTO CA-78 E. GO 9.1 MI. TAKE THE SYCAMORE AVE EXIT. GO 0.2 MI. TURN LEFT ON SYCAMORE AVE. GO 0.4 MI. CONTINUE ON ROBELINI DR. GO 0.2 MI. TURN RIGHT ON S SANTA FE AVE(CR-S14). TURN LEFT ON BUENA CREEK RD. GO 1.8 MI. TURN RIGHT ON SUGARBUSH DR. GO 0.1 MI. ARRIVE AT 1329 SUGARBUSH DR, VISTA, ON THE RIGHT.

DRIVING DIRECTIONS

NEW ANTENNA		ELEVATION REF.	
EXISTING ANTENNA		SECTION REF.	
GROUND ROD		PROP./LEASE LINE	
GROUND BUS BAR		MATCH LINE	
MECH. GRND. CONN.		WORK POINT	
CADWELD		GRND. CONDUCTOR	
GROUND ACC. WELL		TELE. CONDUIT	
ELECTRIC BOX			
TELEPHONE BOX			
LIGHT POLE		ELECT. CONDUIT	PLASTER
FOUNDATION		COAXIAL CABLE	(E) MASONRY
SPOT ELEV.		OVERHEAD SERV. CONDUCTORS	CONCRETE
SET POINT		CHAIN LINK FENCE	EARTH
REVISION		CENTERLINE	GRAVEL
GRID REF.		WOOD CONT.	PLYWOOD
DETAIL REF.		WOOD BLOCKING	SAND
			STEEL

SYMBOLS, LINETYPES AND HATCH PATTERNS

PLAN VERIFICATION

CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

GENERAL CONTRACTOR NOTES

AC.	ASPHALT CONCRETE	GVL.	GRAVEL
ANT.	ANTENNA(S)	HC.	HANDICAPPED
BEL.	BELOW	HORIZ.	HORIZONTAL
B.G.	BELOW GRADE	HT.	HEIGHT
BLD'G.	BUILDING	HVAC.	HTG./ VENT./ A/C
B.M.	BENCH MARK	INCL.	INCLUDE
BRK.	BRICK	LBS.	POUNDS
CAB.	CABINET	LPT.	LOW POINT
C.B.	CATCH BASIN	MAS.	MASONRY
CEM.	CEMENT	MAX.	MAXIMUM
CFT.	CUBIC FOOT	MET.	METAL
C.I.P.C.	CAST-IN-PLACE CONC.	MFR.	MANUFACTURER
C.L.L.	CONTRACT LIMIT LINE	MIN.	MINIMUM
CLS.	CLOSURE	(N)	NEW
C.M.U.	CONC. MASONRY UNIT	N	NORTH
CONC.	CONCRETE	N.I.C.	NOT IN CONTRACT
CONN.	CONNECTION	N.T.S.	NOT TO SCALE
CONST.	CONSTRUCTION	P.P.	POWER POLE
CTR.	CENTER	P.L.	PROPERTY LINE
CYD.	CUBIC YARD	P.O.C.	POINT OF CONN.
DBL.	DOUBLE	PROP.	PROPERTY
DEMO.	DEMOLITION	PT.	POINT
DIM.	DIMENSION	PVMT.	PAVEMENT
DRWG.	DRAWING	REQD.	REQUIRED
DTL.	DETAIL	RFH.	ROOF HATCH
(E)	EXISTING	RFG.	ROOFING
E	EAST	R.O.W.	RIGHT-OF-WAY
E.L.	ELEVATION	S	SOUTH
ELEC.	ELECTRIC (AL)	TEL.	TELEPHONE
ENCL.	ENCLOSURE	T.O.P.	TOP OF PARAPET
E.P.	ELECT. PANELBOARD	T.O.S.	TOP OF SLAB (SURFACE)
EQUIP.	EQUIPMENT		
EX.	EXISTING	T.O.W.	TOP OF WALL
EXT.	EXTERIOR	TYP.	TYPICAL
FS.	FINISH SURFACE	UNF.	UNFINISHED
FT.	FOOT OR FEET	U.N.O.	UNLESS NOTED OTHERWISE
FUT.	FUTURE		
G.C.	GENERAL CONTR.	VERT.	VERTICAL
G.F.	GROUND FACE	W	WEST
GND.	GROUND	W/	WITH
GR.	GRADE OR GRADING	WP.	WATERPROOF
GV.	GAS VENT	WT.	WEIGHT

ABBREVIATIONS

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

2010 CALIFORNIA BUILDING CODE, VOLS. 1 & 2
2010 CALIFORNIA RESIDENTIAL CODE
2010 CALIFORNIA PLUMBING CODE
2010 CALIFORNIA MECHANICAL CODE
2010 CALIFORNIA ELECTRICAL CODE
2010 ENERGY CODE
2010 GREEN BUILDING CODE
2010 CALIFORNIA FIRE CODE
2010 CALIFORNIA REFERENCE STANDARDS CODE

CODE COMPLIANCE

SITE PARCEL NO.:	181-280-07-00
JURISDICTION:	COUNTY OF SAN DIEGO
ZONE:	A70
OCCUPANCY:	UNMANNED TELECOMMUNICATIONS FACILITY
LATITUDE:	33° 11' 17.68" N
LONGITUDE:	117° 11' 28.15" N
ELEVATION:	727'
LEGAL DESCRIPTION:	THAT CERTAIN PORTION OF LOT 7 OF HOLLYBERRY ESTATES UNIT NO. 1, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO 8474, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY JANUARY 25, 1977.

PROJECT DATA

SITE ADDRESS:	1329 SUGARBUSH DR. VISTA, CA 92024
OWNER:	ROBERT STUCKEY/KATHRYN LEE 1329 SUGARBUSH DR. VISTA, CA 92024
CONTACT:	XXX (XXX) XXX-XXXX
APPLICANT:	VERIZON WIRELESS 15505 SAND CANYON AVE. BUILDING "D" 1ST FLOOR IRVINE, CA 92618 PHONE: (949) 286-7000
CONTACTS:	MILESTONE WIRELESS PROJECT MANAGER: EMANUEL HIGGINS 611 PATTON IRVINE, CA. 92620 PHONE: (323) 241-8519
ARCHITECT:	ACO ARCHITECTS, INC. 26170 ENTERPRISE WAY #600 LAKE FOREST, CA 92630 PHONE: (949) 716-9940 FAX: (949) 297-4788
CONTACT:	ANTHONY ORTALE (949) 716-9940

PROJECT DIRECTORY

PROJECT DESCRIPTION

THIS PROPOSED PROJECT CONSISTS OF THE INSTALLATION OF A NEW 30KW KOHLER EMERGENCY BACKUP GENERATOR OUTSIDE A VERIZON WIRELESS EXISTING UNMANNED TELECOMMUNICATIONS FACILITY. THIS GENERATOR WOULD RUN IN THE EVENT OF A MAJOR CATASTROPHE CAUSING COMMERCIAL POWER FAILURE.

T-1	TITLE SHEET
C-1	TOPOGRAPHIC SURVEY
A-1	SITE PLAN
A-2	DETAILED SITE PLAN
A-3	ARCHITECTURAL ELEVATIONS
A-4	GENERATOR SPECIFICATIONS

THE PERMIT APPLICANT ACKNOWLEDGES THAT THIS PROJECT PROPERTY IS ZONED A70 AND SURROUNDING PROPERTIES ZONED A70 AND WILL BE REQUIRED TO COMPLY WITH THE ONE-HOUR SOUND LEVEL LIMITS OF CHAPTER 4 (NOISE ABATEMENT AND CONTROL) IN TITLE 3, DIVISION 6 OF THE SAN DIEGO COUNTY CODE OF REGULATORY ORDINANCES. FOR THIS PROJECT PROPERTY, THE MOST STRINGENT DAYTIME HOURLY LIMIT AT ANY PROPERTY LINE IS 50 DECIBELS (DBA) AND FOR NIGHTTIME CONDITIONS THIS HOURLY LIMIT IS 45 DECIBELS (DBA). AS SUCH, IT IS SOLELY THE RESPONSIBILITY OF THE APPLICANT TO ENSURE COMPLIANCE WITH THESE STANDARDS. THE PROPERTY OWNER SHALL CORRECT ANY REPORTED NOISE VIOLATION OF THE APPLICABLE SOUND LEVEL LIMITS WITHIN 30 DAYS OF WRITTEN NOTIFICATION BY THE COUNTY.

SDC PDS RCVD 11-02-12
ZAP00-142W2

SHEET INDEX

REV:	DATE/BY:	REVISION DESCRIPTION:
2	05-02-11 MY	CLIENT REVISION
3	05-06-11 RS	CLIENT REVISION
4	06-22-11 MY	CLIENT REVISIONS
5	06-22-12 TM	CLIENT REVISIONS
6	10-01-12 JY	COUNTY COMMENTS

CONSULTANT:

milestone wireless
8941 ATLANTA AVENUE, #504
HUNTINGTON BEACH, CA. 92646

SITE BUILDER:

verizon wireless
15505 SAND CANYON AVE.
BUILDING 'D' 1st. FLOOR
IRVINE, CA. 92618
PHONE (949) 286-7000

A&E DEVELOPMENT:

ACO ARCHITECTS - INC.
26170 ENTERPRISE WAY #600
LAKE FOREST, CA 92630
TEL: 949-716-9940
FAX: 949-297-4788

ENGINEER:

SITE INFO:

SITE NAME:
MONTE VISTA BUENA CREEK

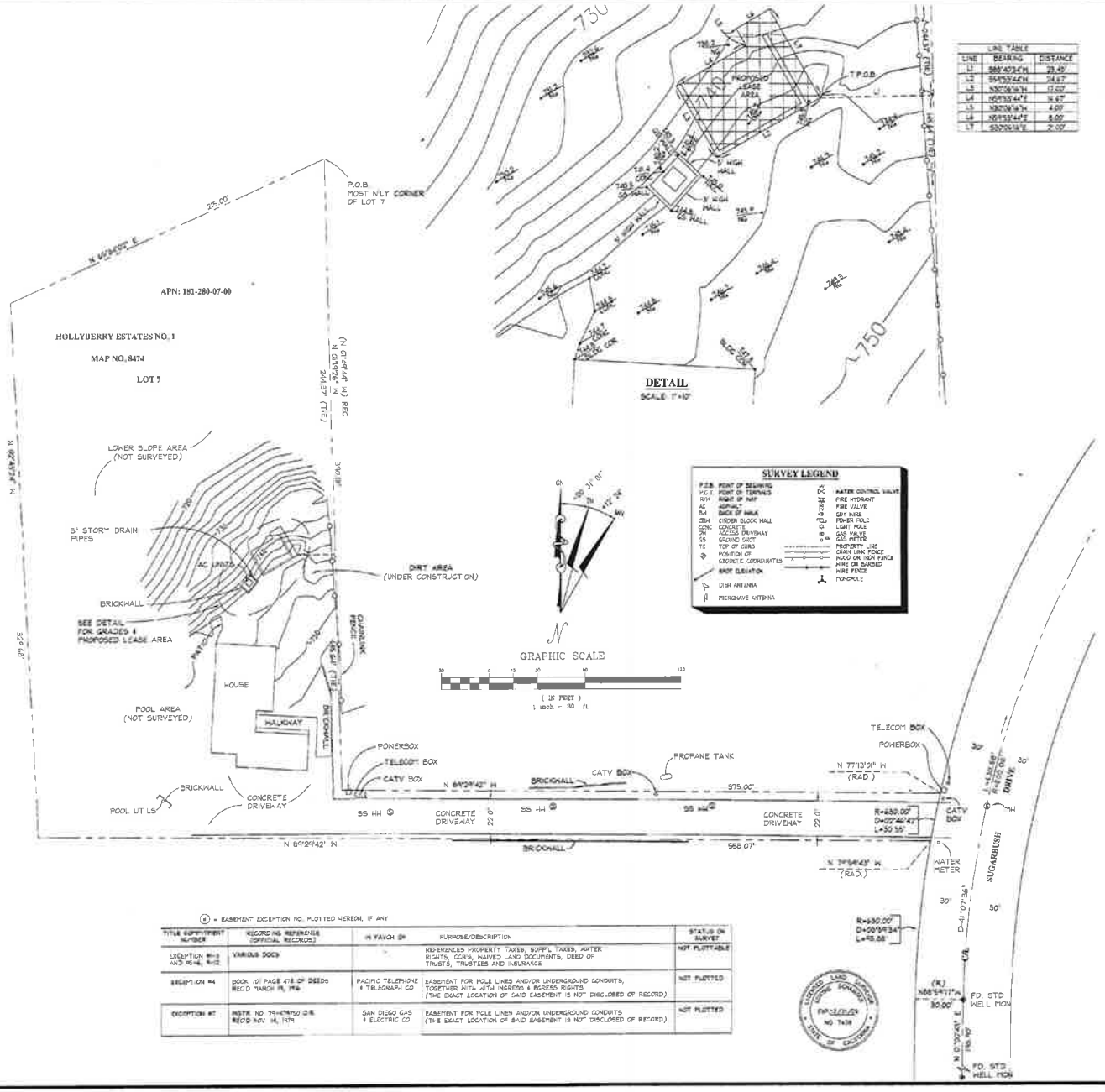
SITE ADDRESS:
1329 SUGARBUSH DR.
VISTA, CA 92024

SHEET TITLE:
TITLE SHEET

DRAWING INFO:

DWG. NAME:	DRAWN BY:	DATE:
T1	MY	03-04-11

SHEET NUMBER:
T-1



LINE	BEARING	DISTANCE
L1	S88°40'34"W	23.46'
L2	S59°53'44"W	24.67'
L3	N30°06'16"W	17.00'
L4	N59°53'44"E	16.67'
L5	N30°06'16"W	4.00'
L6	N59°53'44"E	8.00'
L7	S30°06'16"E	2.00'

TITLE COMMITMENT NUMBER	RECORDING REFERENCE (OFFICIAL RECORDS)	IN FAVOR OF	PURPOSE/DESCRIPTION	STATUS ON SURVEY
EXCEPTION #1-3 AND #5-6, #12	VARIOUS DOCS		REFERENCES PROPERTY TAXES, SUPPL TAXES, WATER RIGHTS, CC&R'S, WAIVED LAND DOCUMENTS, DEED OF TRUSTS, TRUSTEES AND INSURANCE	NOT PLOTTABLE
EXCEPTION #4	BOOK 701 PAGE 478 OF DEEDS REC'D MARCH 19, 1956	PACIFIC TELEPHONE & TELEGRAPH CO	EASEMENT FOR POLE LINES AND/OR UNDERGROUND CONDUITS, TOGETHER WITH WITH INGRESS & EGRESS RIGHTS (THE EXACT LOCATION OF SAID EASEMENT IS NOT DISCLOSED OF RECORD)	NOT PLOTTED
EXCEPTION #7	INSTR. NO 79-474950 OR REC'D NOV 16, 1979	SAN DIEGO GAS & ELECTRIC CO	EASEMENT FOR POLE LINES AND/OR UNDERGROUND CONDUITS (THE EXACT LOCATION OF SAID EASEMENT IS NOT DISCLOSED OF RECORD)	NOT PLOTTED

(#) = EASEMENT EXCEPTION NO. PLOTTED HEREON, IF ANY

LESSOR'S LEGAL DESCRIPTION

THE LAND REFERRED TO IN THIS REPORT IS SITUATED IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA AND IS DESCRIBED AS FOLLOWS:

LOT 7 OF HOLLYBERRY ESTATES NO. 1, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 8474, FILED IN THE OFFICE OF THE COUNTY RECORDED OF SAN DIEGO COUNTY, JANUARY 25, 1977

APN: 181-280-07-00

LEGAL DESCRIPTION

LEASE LEGAL DESCRIPTION

THAT CERTAIN PORTION OF LOT 7 OF HOLLYBERRY ESTATES NO. 1, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 8474, FILED IN THE OFFICE OF THE COUNTY RECORDED OF SAN DIEGO COUNTY, JANUARY 25, 1977, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE MOST NORTHERLY CORNER OF SAID LOT 7;

THENCE, SOUTHERLY ALONG THE EASTERLY LINE OF SAID LOT 7 (SHOWN AS BEING N 01°49'44"W ON SAID MAP), SOUTH 01°19'26" EAST 244.37 FEET,

THENCE, LEAVING SAID EASTERLY LINE, MEASURED AT RIGHT ANGLES, SOUTH 88°40'34" WEST 23.46 FEET TO THE TRUE POINT OF BEGINNING:

THENCE, SOUTH 59°53'44" WEST 24.67 FEET,

THENCE, NORTH 30°06'16" WEST 17.00 FEET,

THENCE, NORTH 59°53'44" EAST 16.67 FEET,

THENCE, NORTH 30°06'16" WEST 4.00 FEET;

THENCE, NORTH 59°53'44" EAST 8.00 FEET,

THENCE, SOUTH 30°06'16" EAST 21.00 FEET TO THE TRUE POINT OF BEGINNING

CONTAINING: 451 SQUARE FEET, MORE OR LESS

ACCESS & LEASE DESCRIPTIONS

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA STATE PLANE COORDINATE SYSTEM (CCS83), ZONE VI, NAD83 (CORS96)(2002.00 EPOCH) BASED UPON GPS OBSERVATIONS CONSTRAINED TO CORS STATIONS DG8550 AND DG8754, AS DETERMINED PER OPUS RS. ALL BEARINGS SHOWN HEREON ARE GRID.

BENCHMARK

ELEVATIONS SHOWN HEREON ARE GPS DERIVED ORTHOMETRIC HEIGHTS (NAVD88) BASED UPON GEOID 03 AND CONSTRAINED TO CORS CONTROL STATIONS LISTED ABOVE.

BENCHMARK INFORMATION

FIELD SURVEY DATE

10/22/09

SURVEYOR'S NOTES

DESIGNATION IS MADE TO THE TITLE REPORT ORDER #09-726124490-SB, ISSUED BY FIDELITY NATIONAL TITLE COMPANY, DATED JULY 17, 2009. ANY AND ALL EASEMENTS DISCLOSED WITHIN SAID TITLE REPORT AFFECTING THE IMMEDIATE AREA ENCOMPASSING THE LEASE AREA ARE DEPICTED ON THIS SHEET (EXCEPT FOR LEASE AREA'S LOCATED ON ROOFTOPS AND WITHIN BUILDINGS). SURVEYING COMPANY HAS NOT EXECUTED A SEARCH OF PUBLIC RECORDS TO DETERMINE ANY DEFECT WITHIN SAID TITLE REPORT. THE BOUNDARY PLOTTED HEREON DOES NOT CONSTITUTE A BOUNDARY SURVEY. MODIFICATIONS TO THIS SURVEY WITHOUT CONSENT BY SURVEY COMPANY RELIEVES SURVEY COMPANY OF ANY AND ALL LIABILITIES.

UTILITY NOTES

SURVEYING COMPANY DOES NOT GUARANTEE THAT ALL UTILITIES AND THEIR EXACT LOCATIONS ARE SHOWN. CONTRACTOR AND DEVELOPER TO CONTACT ANY AND ALL INVOLVED AGENCIES TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. REMOVAL, RELOCATION AND/ OR REPLACEMENT OF ANY AND ALL UTILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR NOT THE SURVEYING COMPANY.

SURVEY NOTES

REV.	DATE/BY:	REVISION DESCRIPTION
0	11/02/09 LAS	FINAL SUBMITTAL
1	11/14/09 LAS	ADDED CONTOURS & SPOT EL'S
2	1/24/09 LAS	REV'D BOUNDARY & ADDED LEASE & LEGAL DESCRIPTION

CONSULTANT:

SITE ACQUISITION / PLANNER

SITE BUILDER:

verizon wireless
15505 SAND CANYON AVE
BUILDING 'D' 1st. FLOOR
IRVINE, CA. 92618
PHONE (949) 286-7000

A&E DEVELOPMENT

ACO ARCHITECTS - INC.
26170 ENTERPRISE WAY #600
LAKE FOREST, CA 92630
TEL: 949-716-9940
FAX: 949-297-4788

ENGINEER:

SITE INFO:

SITE NAME
MONTE VISTA

SITE ADDRESS:
1329 SUGARBUSH
VISTA, CA 92084

SHEET TITLE

TOPOGRAPHIC SURVEY

DRAWING INFO:

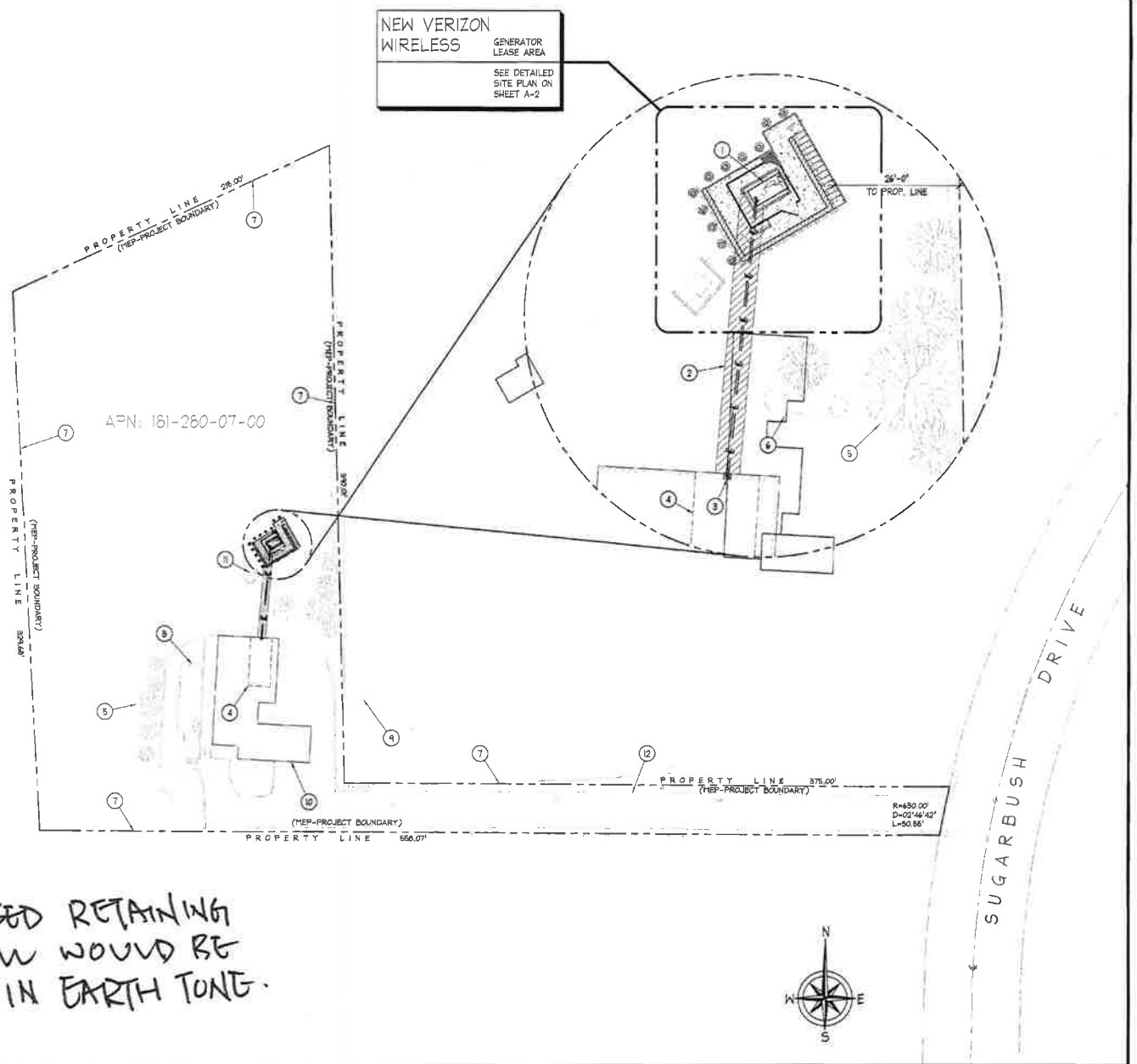
DWG NAME	DRAWN BY:	DATE:
C1	LAS	10/22/09

SHEET NUMBER:

C-1

NOTES:

1. NEW VERIZON WIRELESS 30KW KOHLER 30REOZJC SINGLE SIDE SERVICE EMERGENCY BACKUP GENERATOR WITH A 150 GALLON DIESEL FUEL TANK, MOUNTED INSIDE A NEW VERIZON WIRELESS 10'-6" X 11'-8" GENERATOR EQUIPMENT ENCLOSURE LOCATED OUTSIDE EXISTING VERIZON WIRELESS LEASE AREA. SEE A-2 SHEET FOR DETAILED SITE PLAN.
2. NEW VERIZON WIRELESS 5' WIDE NON-EXCLUSIVE UTILITY EASEMENT, FROM NEW GENERATOR TO EXISTING VERIZON WIRELESS LEASED PREMISES.
3. NEW VERIZON WIRELESS AUTOMATIC TRANSFER SWITCH LOCATED INSIDE EXISTING VERIZON WIRELESS EQUIPMENT ROOM.
4. EXISTING VERIZON WIRELESS EQUIPMENT ROOM LOCATED INSIDE EXISTING RESIDENTIAL BUILDING.
5. EXISTING TREE, TYPICAL.
6. EXISTING BUSH.
7. EXISTING PROPERTY LINE.
8. EXISTING POOL.
9. CHAINLINK FENCE.
10. EXISTING RESIDENTIAL BUILDING.
11. EXISTING A/C UNIT MOUNTED ON EXISTING CONCRETE PAD AND BEHIND RETAINING WALL.
12. EXISTING CONCRETE DRIVEWAY.



NOTE: THE PROPOSED RETAINING BLOCK WALL WOULD BE PAINTED IN EARTH TONE.

SITE PLAN

SCALE 1" = 30'

REV:	DATE/BY:	REVISION DESCRIPTION:
2	05-02-11 MY	CLIENT REVISION
3	05-06-11 RS	CLIENT REVISION
4	08-22-11 MY	CLIENT REVISIONS
5	06-22-12 TW	CLIENT REVISIONS
6	10-01-12 JT	COUNTY COMMENTS

CONSULTANT:

milestone wireless
8941 ATLANTA AVENUE, #504
HUNTINGTON BEACH, CA. 92646

SITE BUILDER:

verizon wireless
15505 SAND CANYON AVE.
BUILDING 'D' 1st. FLOOR
IRVINE, CA. 92618
PHONE (949) 286-7000

ARE DEVELOPMENT:

ACO ARCHITECTS - INC.
26170 ENTERPRISE WAY #600
LAKE FOREST, CA 92630
TEL: 949-716-9940
FAX: 949-297-4788

ENGINEER:

SITE INFO:

SITE NAME:
MONTE VISTA
BUENA CREEK

SITE ADDRESS:
1329 SUGARBUSH DR.
VISTA, CA 92024

SHEET TITLE:
SITE PLAN

DRAWING INFO:

DWG. NAME:	DRAWN BY:	DATE:
A1	MY	03-04-11

SHEET NUMBER:
A-1

NOTES:

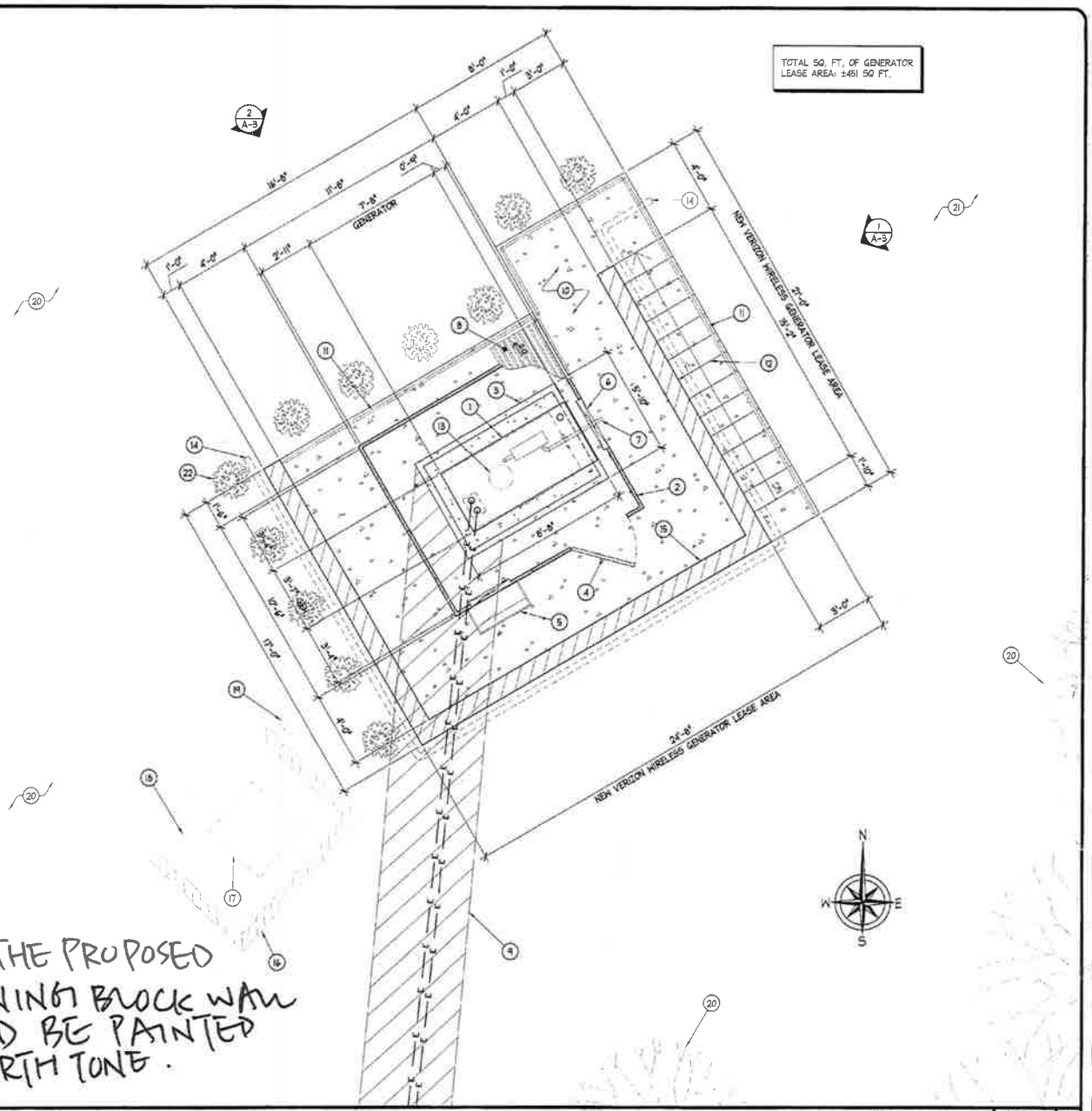
1. NEW VERIZON WIRELESS 30KW KOHLER 30REOZJC SINGLE SIDE SERVICE EMERGENCY BACKUP GENERATOR WITH A 150 GALLON DIESEL FUEL TANK, MOUNTED INSIDE A NEW VERIZON WIRELESS 10'-6" X 11'-8" GENERATOR EQUIPMENT ENCLOSURE LOCATED OUTSIDE EXISTING VERIZON WIRELESS LEASE AREA.
2. NEW VERIZON WIRELESS 10'-6" X 11'-8" SOUND ATTENUATED EQUIPMENT ENCLOSURE MOUNTED ON NEW CONCRETE PAD WITH SPILL CONTAINMENT CURB INSIDE.
3. NEW VERIZON WIRELESS 5'-10" X 8'-8" SPILL CONTAINMENT CURB.
4. NEW VERIZON WIRELESS 3'-6" WIDE METAL DOOR.
5. NEW VERIZON WIRELESS INTAKE TURN DUCT.
6. NEW VERIZON WIRELESS DISCHARGE LOUVER.
7. NEW VERIZON WIRELESS EXHAUST PIPE.
8. NEW VERIZON WIRELESS 2:12 PITCH GALV. STEEL ROOF DECKING.
9. NEW VERIZON WIRELESS 5'-0" WIDE NON-EXCLUSIVE UTILITY EASEMENT (SHOWN HATCHED).
10. NEW VERIZON WIRELESS CONCRETE PAD.
11. NEW VERIZON WIRELESS METAL HANDRAIL.
12. NEW VERIZON WIRELESS CONCRETE STAIRS.
13. NEW VERIZON WIRELESS FIRE SUPPRESSION CANISTER MOUNTED ON NEW PURLIN (SHOWN DASHED).
14. NEW VERIZON WIRELESS DRAIN. TYPICAL OF (2).
15. NEW VERIZON WIRELESS 10" HIGH RETAINING WALL.
16. EXISTING RETAINING WALL.
17. EXISTING A/C UNITS.
18. EXISTING CONC. PAD.
19. EXISTING DRAIN.
20. EXISTING TREE. TYPICAL.
21. EXISTING SLOPED DIRT AREA.
22. NEW VERIZON WIRELESS (11) 5 GAL. PHOTINIA FRASERI SHRUBS. EXISTING IRRIGATION SYSTEM TO BE MODIFIED TO INCLUDE NEW DRIP IRRIGATION SYSTEM. VERIZON WIRELESS SITE TECHNICIAN TO PROVIDE MAINTENANCE OF NEW PLANTS AND NEW IRRIGATION SYSTEM.

NOTE:

IN ORDER TO BRING NOISE LEVELS INTO COMPLIANCE WITH APPLICABLE COUNTY OF SAN DIEGO NOISE LIMITS, THE FOLLOWING MITIGATION MEASURES MUST BE IMPLEMENTED INTO THE PROJECT DESIGN:

1. THE PROPOSED GENERATOR UNIT SHALL INCORPORATE THE MANUFACTURER SOUND ENCLOSURE AS SPECIFIED WITHIN THE NOISE IMPACT ANALYSIS REPORT PREPARED BY EILAR ASSOCIATES, DATED NOVEMBER 22, 2010.
2. THE PROPOSED METAL DOOR PROVIDING ACCESS TO THE SOUND ATTENUATED EQUIPMENT ENCLOSURE SHALL BE EQUIPPED WITH APPROPRIATE ACOUSTICAL SEALS AS SPECIFIED WITHIN THE NOISE IMPACT ANALYSIS REPORT PREPARED BY EILAR ASSOCIATES, DATED NOVEMBER 22, 2010.

NOTE: THE PROPOSED RETAINING BLOCK WALL WOULD BE PAINTED IN EARTH TONE.



DETAILED SITE PLAN

SCALE: 3/8" = 1'-0"

REV.	DATE/BY:	REVISION DESCRIPTION:
2	06-02-11 MY	CLIENT REVISION
3	05-06-11 RS	CLIENT REVISION
4	08-22-11 MY	CLIENT REVISIONS
5	06-22-12 TW	CLIENT REVISIONS
6	10-01-12 JT	COUNTY COMMENTS

CONSULTANT:

milestone wireless
8941 ATLANTA AVENUE, #504
HUNTINGTON BEACH, CA 92646

SITE BUILDER:

verizon wireless
15505 SAND CANYON AVE.
BUILDING 'D' 1st. FLOOR
IRVINE, CA. 92618
PHONE (949) 286-7000

A/E DEVELOPMENT:

ACO ARCHITECTS - INC.
26170 ENTERPRISE WAY #600
LAKE FOREST, CA 92630
TEL: 949-716-9940
FAX: 949-297-4788

ENGINEER:

SITE INFO:

SITE NAME: MONTE VISTA ~~BUENA CREEK~~

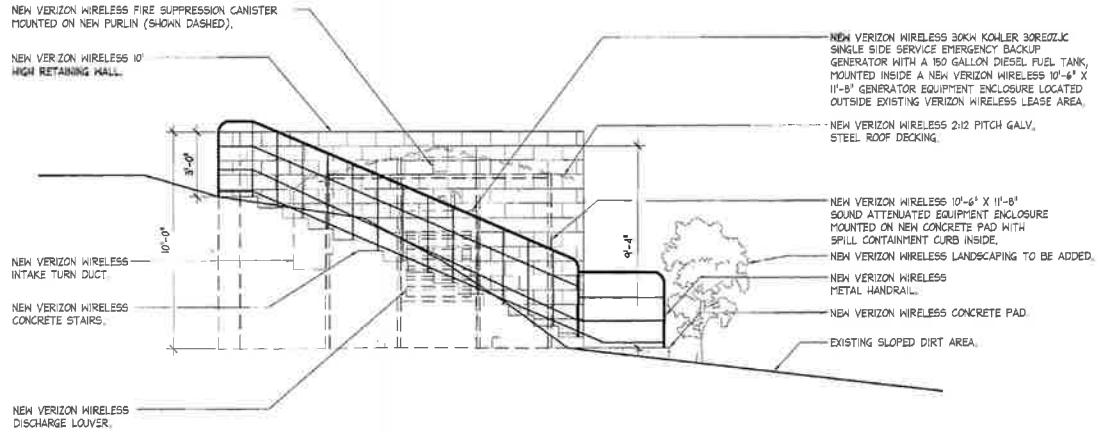
SITE ADDRESS: 1329 SUGARBUSH DR. VISTA, CA 92024

SHEET TITLE: DETAILED SITE PLAN

DRAWING INFO:

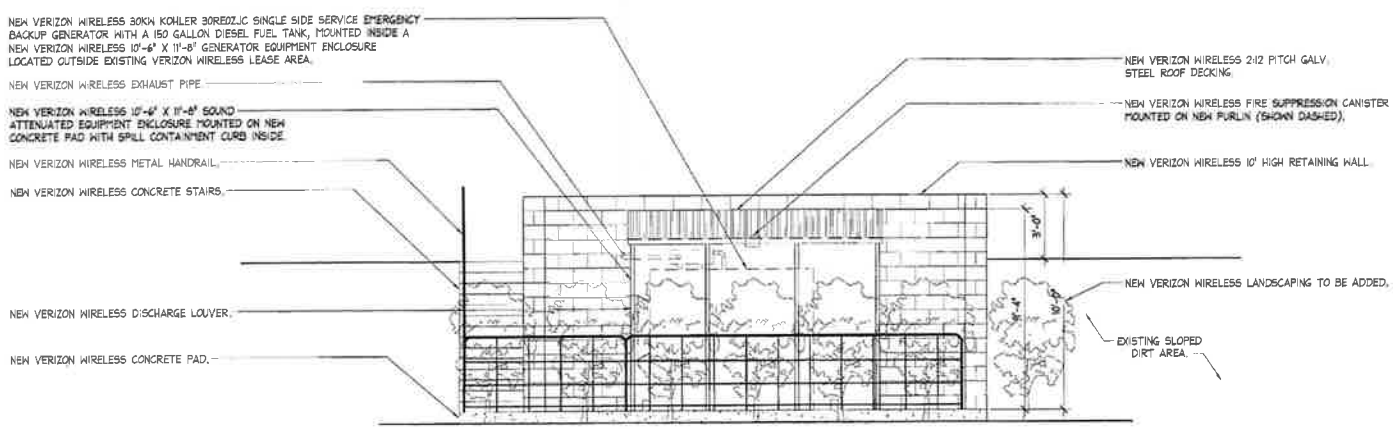
DWG. NAME:	DRAWN BY:	DATE:
A2	MY	03-04-11

SHEET NUMBER: A-2



NORTHEAST ELEVATION

SCALE: 3/8" = 1'-0" | 1



NORTHWEST ELEVATION

SCALE: 3/8" = 1'-0" | 2

REV.	DATE/BY	REVISION DESCRIPTION
2	05-02-11 MY	CLIENT REVISION
3	05-06-11 RS	CLIENT REVISION
4	06-22-11 MY	CLIENT REVISIONS
5	06-22-12 TW	CLIENT REVISIONS
6	10-01-12 JT	COUNTY COMMENTS

CONSULTANT:

milestone wireless
8941 ATLANTA AVENUE, #504
HUNTINGTON BEACH, CA. 92646

SITE BUILDER:

verizon wireless
15505 SAND CANYON AVE.
BUILDING 'D' 1st. FLOOR
IRVINE, CA. 92618
PHONE (949) 286-7000

A&E DEVELOPMENT:

ACO ARCHITECTS - INC.
26170 ENTERPRISE WAY #600
LAKE FOREST, CA 92630
TEL: 949-716-9940
FAX: 949-297-4788

ENGINEER:

SITE INFO:

SITE NAME:
MONTE VISTA
BUENA CREEK

SITE ADDRESS:
1329 SUGARBUSH DR.
VISTA, CA 92024

SHEET TITLE:
ARCHITECTURAL ELEVATIONS

DRAWING INFO:

DWG. NAME:	DRAWN BY:	DATE:
A3	MY	03-04-11

SHEET NUMBER:
A-3

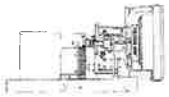
NOT USED

SCALE: N.T.S | 1

Model: 30REOZJC-VER

KOHLER.POWER SYSTEMS Diesel

ISO 9001



Standard Features

- Kohler Co. provides one source responsibility for the generating system and accessories
- The generator/fuel skid is factory-tested and prototype-tested, quality-audit and production-tested
- The 60 Hz generator set is UL 2200 Listed
- The generator set size rating meets or exceeds
- The 60 Hz generator set meets NFPA 110 Level 1 requirements when installed with the necessary accessories and installed per NFPA standards
- The generator set complies with ISO 8528-5 Class G2 requirements for transient performance
- The generator set engine is certified by the Environmental Protection Agency (EPA) to conform to international or nonroad emissions regulations
- A two year basic limited warranty covers all systems and components
- The unique Fast Response II® excitation system delivers excellent voltage response and short circuit capability using a permanent magnet (PM) excited alternator
- The low battery voltage shutdown prevents overheating
- Integral sub-base isolation eliminates the need for under unit vibration spring isolators

Generator Set Ratings

Alternator	Voltage	Ø	Hz	kW/kVA	105°C Rise Standby Rating kW/kVA	80°C Rise Prime Rating kW/kVA
4P1	120/208	3	60	30/38	26/32	
4C7	120/240	1	60	30/30	26/26	

Alternator Specifications

Specifications	Alternator
Manufacturer	Kohler
Type	4-Pole, Rotating-Field
Exciter type	Brushless, Permanent Magnet
Voltage regulator	Solid State, Volts/Hz
Insulation	NEMA MG1
Winding	Class H
Bearing: quantity, type	1, Sealed
Coupling	Flex Disc
Amortisseur windings	Full
Voltage regulation, no load to full load	±1% Average
One step load acceptance	100% of Rating
Unbalanced load capability	100% of Rated Standby Current
Peak motor starting kVA (35% dip for voltages below) 208 V (4P1)	121
240 V (4C6)	143

- NEMA MG1, IEEE, and ANSI standards compliance for temperature rise and insulation
- Sustained short circuit current of up to 300% of the rated current for up to 10 seconds
- Sustained short-circuit current enabling downstream circuit breakers to trip with full coordination and isolation
- Self ventilated and dripproof construction
- Vacuum impregnated with rotor rigid with fungus resistant epoxy varnish for dependability and long life
- Sculpted voltage waveform from a two thirds pitch stator and skewed rotor
- Fast Response® II brushless alternator with brushless exciter for excellent load acceptance

Application Data

Engine

Engine Specifications	
Manufacturer	Jenny Diesel
Engine model	[illegible]
Engine type	4-Cycle, Turbocharged
Cylinder arrangement	6 Inline
Displacement, L (cu. in.)	9.4 (149)
Bore and stroke, mm (in.)	60 x 105 (2.36 x 4.12)
Compression ratio	19:1
Piston speed, m/s (ft/min)	3.75 (1230)
Main bearings: quantity, type	7, Replaceable Insert
Rated rpm	1800
Max. power at rated rpm kWm (BHP)	38 (52)
Cylinder head material	Cast Iron
Crankshaft material	Ductile Iron
Valve material	
Intake	Chromium Silicon Steel
Exhaust	Stellite Steel
Governor type: electronic	Electronic, Isochronous
Frequency regulation, no-load to full-load	Isochronous
Frequency regulation, steady state	±0.25%
Frequency	Fixed
Air cleaner type, element	Dry

Exhaust

Exhaust System	
Exhaust manifold type	Dry
Exhaust flow at rated kW, m³/min (cfm)	5.2 (184)
Exhaust temperature at rated kW, dry exhaust, °C (°F)	482 (900)
Maximum allowable back pressure, kPa (in. Hg)	7.5 (2.2)
Exhaust outlet size at engine flange, mm (in.)	53.3 (2.1)

Engine Electrical

Engine Electrical System	
Battery charging alternator	
Ground (negative/positive)	Negative
Volts (DC)	12
Ampere rating	55
Starter motor rated voltage (DC)	12
Battery, recommended cold cranking amps (CCA)	
Quantity, CCA rating	One, 640
Battery voltage (DC)	12

Fuel

Fuel System	
Fuel supply line, mm (in.)	11.1 (0.44)
Fuel return line, mm (in.)	6.3 (0.25)
Max. lift engine-driven fuel pump, m (ft.)	2.0 (6.0)
Max. fuel flow, L/m (gph)	30 (8.1)
Fuel pump type	Mechanical
Fuel filter	
Secondary	Yes, with water separator
Water Separator	Yes
Recommended fuel	#2 Diesel

Lubrication

Lubricating System	
Type	Full Pressure
Oil pan capacity, L (qt.)	7.3 (7.7)
Oil pan capacity with filter, L (qt.)	8.2 (8.7)
Oil filter quantity	1, Cartridge
Oil cooler	Water-Cooled

Application Data

Cooling

Radiator System	
Ambient temperature, °C (°F)	50 (122)
Engine jacket water capacity, L (qt.)	2.8 (2.7)
Radiator system capacity, including engine, L (gal.)	13.4 (3.5)
Engine jacket water flow, Lpm (gpm)	87 (24)
Heat rejection to cooling water at rated kW, m³/min (BTUM)	24.8 (1,152)
Water pump type	Centrifugal
Fan diameter, including blades, mm (in.)	597 (23.5)
Fan kWm (HP)	2.3 (3.8)
Max. restriction of cooling air intake and discharge side of radiator, kPa (in. H₂O)	0.125 (0.5)

Operation Requirements

Air Requirements	
Intake air flow, m³/m (cfm)	98 (3,460)
Combustion air, m³/min (cfm)	3.0 (106)
Heat rejected to ambient air	
Engine, kW (BTUM)	8.9 (480)
Alternator, kW (BTUM)	4.4 (250)

Air density = 1.20 kg/m³ (0.075 lbm/ft³)

Fuel Consumption	
Diesel, Liter (gallon) at % load	Standby Rating
100%	10.0 (2.6)
75%	8.0 (2.1)
50%	5.8 (1.5)
25%	3.9 (1.0)

KOHLER CO. Kohler, Wisconsin 53044 USA
Phone 920.565.3381 Fax 920.459.1646
For the nearest sales and service bulletin in the US and Canada, phone 1.800.544.2444
KohlerPower.com

Controller

KPC 100E Controller Features

- Automatic annunciation with NFPA 99 and NFPA 110 capability
- Microprocessor data display and keypad business data
- 12 or 24 Volt DC engine starter system capacity
- Graphic liquid crystal display (LCD) with backlight and adjustable contrast
- Lamp test switch keypad
- Tamper-proof system warning and annunciation (set point changes, warning LED light)
- Fault history (last shutdown LED)
- Time output master switch (hours, UP (Reset), Run
- Alarm and shutdown circuit latches
- Independent equipment ground
- NC fault connection for remote alarm
- Manually activated prop actuating mode
- PC Interface Software for monitoring, adjustment and upgrades
- Faults
  - Battery fault
  - High engine temperature
  - Low cranking voltage
  - Low oil pressure
  - Low coolant level
  - Overcrank
  - Overspeed
  - Overvoltage
  - Undervoltage
  - Overfrequency
  - Underfrequency
  - Low battery voltage
  - High battery voltage

SCALE: N.T.S | 2

GENERATOR SPECIFICATIONS

REV:	DATE/BY:	REVISION DESCRIPTION:
2	05-02-11 MY	CLIENT REVISION
3	05-06-11 RS	CLIENT REVISION
4	08-22-11 MY	CLIENT REVISIONS
5	06-22-12 TH	CLIENT REVISIONS
6	10-01-12 JT	COUNTY COMMENTS

CONSULTANT:

milestone wireless
8941 ATLANTA AVENUE, #504
HUNTINGTON BEACH, CA, 92646

SITE BUILDER:

verizon wireless
15505 SAND CANYON AVE.
BUILDING 'D' 1st. FLOOR
IRVINE, CA. 92618
PHONE (949) 286-7000

ARE DEVELOPMENT:

ACO ARCHITECTS - INC.
26170 ENTERPRISE WAY #600
LAKE FOREST, CA 92630
TEL: 949-716-9940
FAX: 949-297-4788

ENGINEER:

SITE INFO:

SITE NAME:
MONTE VISTA
BUENA CREEK

SITE ADDRESS:
1329 SUGARBUSH DR.
VISTA, CA 92024

SHEET TITLE:
GENERATOR SPECIFICATIONS

DRAWING INFO:

DWG. NAME:	DRAWN BY:	DATE:
A4	MY	03-04-11

SHEET NUMBER:
A-4