

Plans (Approved Site Plan)



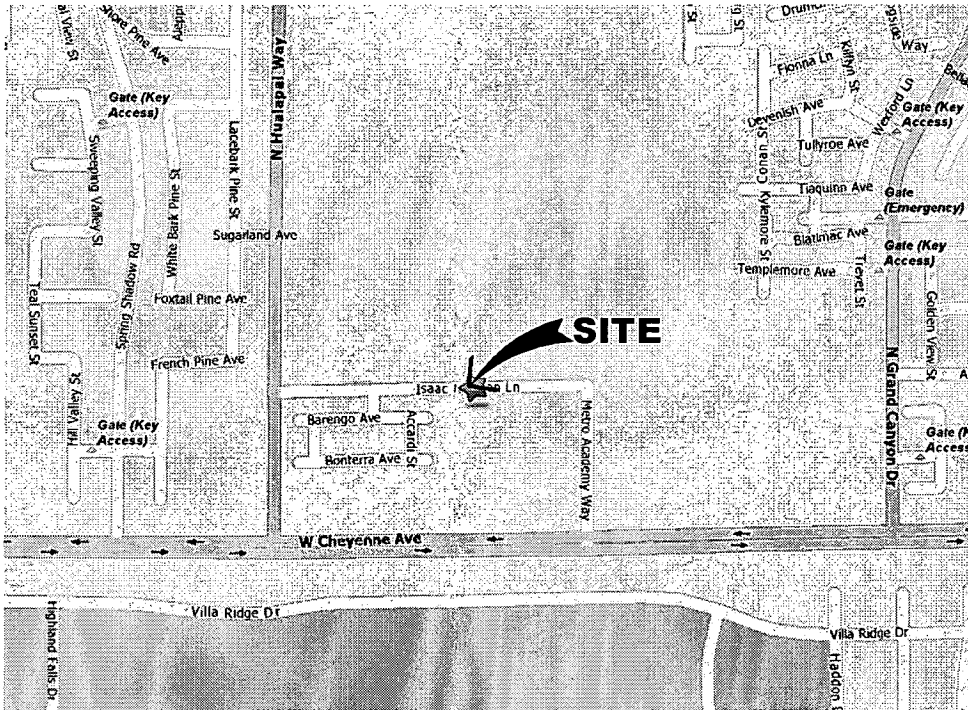
PLANS - APPROVED SITE PLAN

Separator Sheet

clearwire®
wireless broadband

NV-LSV182D
NEXTEL CO-LO

9920 ISAAC NEWTON WAY
LAS VEGAS, NEVADA 89129
APN #138-07-301-014

SHT No.	DRAWING INDEX	REV.	DIRECTIONS	PROJECT SUMMARY	
T-1	TITLE	2	FROM OUR OFFICE LOCATED AT 1051 MARY CREST ROAD SUITE K, HENDERSON, NEVADA 89074. GO EAST ON MARY CREST RD TOWARD N GIBSON RD. TURN LEFT ONTO N GIBSON RD. TURN RIGHT ONTO AUTO SHOW DR. MERGE ONTO US-95 N VIA THE RAMP ON THE LEFT FOR ABOUT 21 MILES. TAKE THE CHEYENNE AVE EXIT 83. TURN LEFT ONTO NV-574 / W CHEYENNE AVE. CONTINUE TO FOLLOW W CHEYENNE AVE. FOR ABOUT 4 MILES. TURN RIGHT ONTO METRO ACADEMY WAY. TURN LEFT ONTO ISAAC NEWTON LANE. END AT 9920 ISAAC NEWTON WAY, LAS VEGAS, NV 89129, US	SCOPE OF WORK: INSTALLATION OF NEW CLEARWIRE ANTENNAS ONTO AN (E) 60'-0" HIGH MONOPALM AT 50'-0" HIGH W/ 1 ANTENNA AND BTS PER SECTOR. 3 SECTORS TOTAL WITH UP TO 3 FLAT PANEL MICROWAVE DISHES AT 47'-0" W/AZIMUTHS OF 0°, 120° & 240°. FIELD VERIFY EXACT POLE HEIGHT, AND INSTALLATION OF ONE COMMUNICATIONS CABINET AT GRADE. INSTALLATION OF 1 GPS ANTENNA.	
T-2	GENERAL NOTES, LEGEND, SYMBOLS, ABBREVIATIONS	2	VICINITY MAP	SCALE: N.T.S.	
A-1	PARCEL PLAN	2		SITE NUMBER: NV-LSV182D	
A-2	SITE PLAN, ELEVATION (SOUTH)	2		SITE ADDRESS: 9920 ISAAC NEWTON LAS VEGAS, NEVADA 89129	
CONSULTANT TEAM ENGINEERING SERVICES: DAMIANO LONG ENGINEERING 4645 E. COTTON CENTER BLVD. BLDG. #2 SUITE-171 PHOENIX, AZ 85040 CONTACT: JOHN COLLINS; DIRECTOR OF SOUTHWEST REGION E-MAIL: jcollins@damianolong.com CONTACT: ROB HAMBLIN E-MAIL: rhamblyn@damianolong.com PHONE: (602) 604-9338 FAX: (602) 604-9301 ZONING MANAGER: WIRELESS FACILITIES INCORPORATED 1701 W. CHARLESTON, SUITE 600 LAS VEGAS, NV 89102 CONTACT: STEPHEN GIBSON E-MAIL: stephen.gibson@wfinet.com PHONE: (702) 501-4408 FAX: (702) 384-6531 CONSTRUCTION MANAGER: WIRELESS FACILITIES INCORPORATED 1701 W. CHARLESTON, SUITE 600 LAS VEGAS, NV 89102 CONTACT: MARVIN STORBAKKEN E-MAIL: Marvin.Storbakken@wfinet.com PHONE: (702) 768-0317 SITE ACQUISITION: WIRELESS FACILITIES INCORPORATED 1124 BALLENA BLVD., SUITE D ALAMEDA, CA 94501 CONTACT: KIM WOOD PHONE: (505) 250-8237			CONTACT: TRACEY TOTH (954) 343-8110 APPLICANT: CLEARWIRE WIRELESS BROADBAND 4400 CARILLON POINT KIRKLAND, WA 98033 LATITUDE: 36.225532 LONGITUDE: -115.312954 LAT/LONG TYPE: NAD83 ELEVATION: 2679 COUNTY: CLARK COUNTY JURISDICTION: LAS VEGAS - 89129 TAX I.D. NUMBER: 138-07-301-014 ZONING: PD UTILITY COMPANY: POWER: NEVADA POWER CONTACT: PHONE: (702) 633-8400		
			NV-LSV182D NEXTEL CO-LO 9920 ISAAC NEWTON WAY LAS VEGAS, NV 89129		
			clearwire® wireless broadband 4400 Carillon Point Kirkland, WA 98033		
			2 04-03-07 100% ZD WITH CHANGES BG KM JC 1 04-03-07 90% ZD WITH CHANGES GG KM JC 0 02-27-07 ISSUED FOR REVIEW KR KM JC NO. DATE REVISIONS BY CHK APP'D SCALE: AS SHOWN DESIGNED: D&L DRAWN: KR		
			ZONING ONLY NOT FOR CONSTRUCTION		
			TITLE SHEET DRAWING NUMBER REV T-1 2		

GENERAL CONSTRUCTION NOTES

1. DRAWINGS ARE NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE AND THIS SET OF PLANS IS INTENDED TO BE USED FOR DIAGRAMMATIC PURPOSES ONLY, UNLESS NOTED OTHERWISE. THE GENERAL CONTRACTOR'S SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT, LABOR, AND ANYTHING ELSE DEEMED NECESSARY TO COMPLETE INSTALLATIONS AS DESCRIBED HEREIN.
2. PRIOR TO THE SUBMISSION OF BIDS, THE CONTRACTORS INVOLVED SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH ALL CONDITIONS AFFECTING THE PROPOSED PROJECT, WITH THE CONSTRUCTION AND CONTRACT DOCUMENTS, FIELD CONDITIONS AND CONFIRM THAT THE PROJECT MAT BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY ERRORS, OMISSIONS, OR DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
3. THE GENERAL CONTRACTOR SHALL RECEIVE WRITTEN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS/CONTRACT DOCUMENTS.
4. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, SUBCONTRACTORS AND THEIR PRODUCT, PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT TO MEET ALL WFI/CLEARWIRE SPECIFICATIONS AND STANDARDS.
5. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO MANUFACTURER'S / VENDOR'S SPECIFICATIONS UNLESS NOTED OTHERWISE OR WHERE LOCAL CODES OR CITY ORDINANCES TAKE PRECEDENCE.
6. ALL WORK PERFORMED ON PROJECT AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK.
7. GENERAL CONTRACTOR SHALL PROVIDE AT THE PROJECT SITE A FULL SET OF CONSTRUCTION DOCUMENTS UPDATED WITH THE LATEST REVISIONS AND ADDENDUM'S OR CLARIFICATIONS FOR THE USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT.
8. THE STRUCTURAL COMPONENTS OF THIS PROJECT SITE/FACILITY ARE NOT TO BE ALTERED BY THIS CONSTRUCTION PROJECT UNLESS NOTED OTHERWISE.
9. DETAILS INCLUDED HEREIN ARE INTENDED TO SHOW END RESULT OF DESIGN. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB CONDITIONS OR SITUATIONS, AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE SCOPE OF WORK.
10. SEAL PENETRATIONS THROUGH FIRE-RATED AREAS WITH U.L. LISTED OR FIRE MARSHALL APPROVED MATERIALS IF APPLICABLE TO THIS FACILITY AND OR PROJECT AS REQUIRED BY CITY FIRE CODE.
11. PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A OR 2-A10BC WITHIN 75 FEET TRAVEL DISTANCE TO ALL PORTIONS OF THE PROJECT AREA DURING CONSTRUCTION AT ALL TIMES DURING CONSTRUCTION.
12. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EASEMENTS, PAVING, CURBING, ETC., DURING CONSTRUCTION. UPON COMPLETION OF WORK, CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.
13. CONTRACTOR SHALL SEE TO IT THAT GENERAL WORK AREA IS KEPT CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY, PREMISES SHALL BE LEFT IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.
14. THE ENGINEERS HAVE MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK. CONTRACTORS BIDDING THE JOB ARE NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND OR SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS. THE BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) D&L SOUTHWEST OF ANY CONFLICTS, ERRORS, OR OMISSIONS PRIOR TO THE SUBMISSION OF CONTRACTOR'S PROPOSAL.

CODE COMPLIANCE:

1. FOR CODE COMPLIANCE INFORMATION. CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE CITY/COUNTY CURRENT CODES.
2. PRIOR TO PLACEMENT OF MONOPOLE (IF APPLICABLE) THE CONTRACTOR SHALL VERIFY THAT THE AZIMUTH AND DIMENSIONS SHOWN ON THE PLANS MATCH ACTUAL FIELD CONDITIONS.
1. CODE: ALL WORK DONE UNDER THIS CONTRACT SHALL BE IN COMPLIANCE WITH THE CURRENT EDITION OF THE UNIFORM BUILDING CODE OR LOCAL CITY AND COUNTY BUILDING CODES, WHICHEVER APPLIES.
2. PRECEDENCE: UNLESS OTHERWISE SHOWN OR SPECIFIED, THE FOLLOWING GENERAL NOTES SHALL APPLY. INFORMATION ON THESE DRAWINGS SHALL HAVE THE FOLLOWING PRECEDENCE:
- A. ALL DIMENSIONS TO TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS, SECTIONS AND DETAILS.
- B. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
- C. MATERIAL NOTES AND SPECIFICATIONS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER THE SPECIFICATIONS.
3. GENERAL DETAILS AND NOTES ON THESE SHEETS SHALL APPLY UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE. CONSTRUCTION DETAILS NOT FULLY SHOWN OR NOTED SHALL BE SIMILAR TO DETAILS SHOWN FOR SIMILAR CONDITIONS.
4. SHORING: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL ALL TEMPORARY BRACING AND SHORING TO INSURE THE SAFETY OF THE WORK UNTIL IT IS IN IT'S COMPLETED FORM. THIS INCLUDES UNDERPINNING EXISTING FOOTING WHERE APPLICABLE.
5. SAFETY: THESE STRUCTURAL DRAWINGS REPRESENT THE FINISHED STRUCTURE. UNLESS OTHERWISE INDICATED, THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE, WORKMEN OR OTHER PERSONS DURING CONSTRUCTION PER OSHA AND OTHER APPLICABLE SAFETY REGULATIONS, INCLUDING ALL SHORING, BRACING AND UNDERPINNING.
6. THE CONTRACTOR IS RESPONSIBLE TO NOTIFY D&L SOUTHWEST OF ANY CONFLICTS FOUND BY THE CONTRACTOR IN WRITING OF ANY CONSTRUCTION ISSUES OR DEVIATIONS. THIS WOULD INCLUDE BUT NOT LIMITED TO GRADING, CURRENT SITE CONDITIONS, AS-BUILT INFORMATION AND/OR ANY UNSAFE SITE ISSUES.

PAINTING AND FINISHES:

PRODUCT LINE - SHERWIN WILLIAMS

RAW STEEL	PRIMER KEM BOND HS B50WZ4 TOPCOAT - 2 COATS COROTHANE II POLYURETHANE B65W200/B60V2
GALVANIZED METAL	ACID ETCH WITH COMMERCIAL EC5H OR VINEGAR. PRIMER COAT & FINISH COAT(GALVITE HIGH SOLIDS OR DTM PRIMER/FINISH.)
STAINLESS STEEL	PRIMER - DTM WASH PRIMER, B71Y1 TOPCOAT - 2 COATS COROTHANE II POLYURETHANE B65W200/B62V2
PRE-PRIMED STEEL	TOUCH UP ANY RUST OR UN-PRIMED STEEL W/KEMBOND HS,BSWOZ4
ALUMINUM/COPPER	PRIMER - DTM WASH PRIMER, B71Y1 TOPCOAT - 2 CATS COROTHANE II POLYURETHANE B65W200/B60V2
CONCRETE MASONRY (CMU NEW)	PRIMER - PRO MAR BLOCK FILLER TOPCOAT 2 COATS A- 100% LATEX HOUSE AND TRIM SHEEN TO MATCH, VERIFY COLOR WITH ZONING APPROVAL
CONCRETE-STUCCO EXISTING STUCCO	2 COATS A - 100 LATEX HOUSE AND TRIM SHEEN TO MATCH PRIMER - PRO MAR MASONRY PRIMER B - 46- W21000 TOPCOAT SUPER PAINT A-80 SERIES A-89 SATIN A-84 GLOSS
WOOD	PRIMER - A- 100 EXT. ALKYD WOOD PRIMER Y - 24W20 TOPCOAT - 2 COATS A-100 LATEX HOUSE & TRIM SHEEN TO MATCH

- NOTES:
1. ANY CHANGES IN THE INFORMATION ABOVE MUST BE APPROVED BY WFI/CLEARWIRE CONSTRUCTION MANAGER.
2. ALL COLORS AND TEXTURES MUST BE VERIFIED WITH THE ZONING APPLICATION WHEN APPLICABLE.

CONCRETE

1. STRENGTH: CONCRETE FOR THE PROJECT SHALL HAVE THE FOLLOWING ULTIMATE COMPRESSIVE STRENGTH AT AGE OF 28 DAYS.
- | LOCATION | STRENGTH | WEIGHT | SLUMP | ADMIXTURE |
|--------------------------------|----------|---------|-------|-----------|
| SHELTER FOUNDATION OR BTS SLAB | 4500 PSI | 150 PCF | 4" | NONE |
2. INSPECTION: CONCRETE WITH SPECIFIED STRENGTH GREATER THAN 2500 PSI SHALL BE CONTINUOUSLY INSPECTED DURING PLACEMENT BY A DEPUTY INSPECTOR EMPLOYED BY A TESTING LABORATORY WHO IS AN APPROVED VENDOR OF WFI/CLEARWIRE WIRELESS
3. REBAR GRADES: REINFORCING STEEL SHALL BE CLEAN DEFORMED BARS CONFORMING TO ASTM A615 AS FOLLOWS:
- | | |
|---------------------|----------|
| #4 AND SMALLER BARS | GRADE 40 |
| #5 AND LARGER BARS | GRADE 60 |
4. CEMENT: SHALL BE TYPE V, LOW ALKALI, CONFORMING TO ASTM C-150
5. AGGREGATE: USED IN THE CONCRETE SHALL CONFORM TO ASTM C-33. USE ONLY AGGREGATES KNOWN NOT TO CAUSE EXCESSIVE SHRINKAGE. THE MAXIMUM SIZE AGGREGATE IN CONCRETE WORK SHALL BE FOLLOWING:
- A. CAISSONS - SLABS 5" THICK & GREATER..... 3/4"ASTM 6467
6. WATER: SHALL BE CLEAN AND FREE FROM DELETERIOUS AMOUNTS OF ACIDS, ALKALIS, ORGANIC MATERIALS AND SHALL BE SUITABLE FOR HUMAN CONSUMPTION.
7. MIXING: PREPARATION OF CONCRETE SHALL CONFORM TO ASTM C-94 NO MORE THAN 90 MINUTES SHALL ELAPSE BETWEEN CONCRETE BATCHING AND CONCRETE PLACEMENT UNLESS APPROVED BY A TESTING AGENCY.
8. SEGREGATION OF AGGREGATES: CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING STEEL (AS IN WALLS, COLUMNS, CAISSON AND DROP CAPITALS) SO AS TO CAUSE SEGREGATION OF AGGREGATES. USE HOPPERS, CHUTES, TRUNKS OF PUMP HOSE SO THAT THE FREE UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED 5 FEET.
9. SPLICES: SPLICES OF REINFORCING STEEL SHALL BE LAPPED A MINIMUM OF 30 DIAMETERS AND SECURELY WIRED TOGETHER. SPLICES OF ADJACENT REINFORCING BARS SHALL BE STAGGERED WHEREVER POSSIBLE.
10. REBAR CLEARANCE: MINIMUM COVERAGE FOR JOISTS, BEAMS, GIRDERS, AND COLUMNS SHALL BE TO FACE OF STIRRUPS OR TIES, UNLESS OTHERWISE NOTED, CONCRETE COVERAGE FOR REINFORCING BARS TO FACE OR BAR SHALL BE AS FOLLOWS:
- | | |
|---|--------|
| A. CONCRETE IN CONTACT WITH EARTH, UNFORMED | 3" |
| B. CONCRETE IN CONTACT WITH EARTH, FORMED | 2" |
| C. WALL, EXTERIOR FACE | 1-1/2" |
| D. WALL, INTERIOR FACE | 1" |
| E. STRUCTURAL SLABS | 3/4" |
| F. JOISTS | 3/4" |
| G. BEAMS, GIRDERS, AND COLUMNS | 1-1/2" |

S. EXISTING CONDITIONS

1. THESE PLANS, ELEVATIONS, SECTIONS, AND DETAILS ARE BASED UPON FIELD OBSERVATIONS AND A REVIEW OF EXISTING DRAWINGS AVAILABLE. EXACT DIMENSIONS SHALL BE VERIFIED BY THE CONTRACTOR AS NECESSARY FOR FABRICATION. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING WORK AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE PROJECT ENGINEER FOR D&L SOUTHWEST.

T. ASTM STANDARDS

1. ASTM A153 FOR BOLTS AND NUTS
ASTM A475 FOR GUY WIRES
ASTM A123 FOR STEEL SHAPES

1 P, 2P, & 3P
A/C
ADJ.
AFF
APPROX.
ASTM
AWG
A. OR AMP.
BLDG.
BLK.
BMR
B/S
CU.
C.O.
C.
C.B.
CKT.
CLG
CLR.
CONC.
CONST.
CONT.
C.F.C.I.
DBL
DIA, O
DIAL
DIM.
DN
DTL DETL
DWG.
DEF
E
EA.
EL, ELEV
ELECT
EQ.
EQUIP.
E.W.
EXIST.
EXT
EMT.
E.C.
EGB
FIN.
FLOUR.
FLR
FT.
GRC.
G. OR GRD.
GA.
GALV
GC
CWB
CYP. BD.
HARD WD
HORIZ.
HR
HT.
HVAC
I.D.
IN.
INFO
INSUL.
INT.
KW.
LB(S)
MAX.
MECH

SINGLE POLE, TWO POLE,
AIR CONDITIONING
ADJUSTABLE
ABOVE FINISH FLOOR
APPROXIMATELY
AMERICAN SOCIETY FOR
AMERICAN WIRE GAUGE
AMPERE
BUILDING
BLOCK
BASE MOBILE RADIO
BUILDING STANDARD
COPPER
CONDUIT ONLY
CONDUIT SIZE AS NOTED
CIRCUIT BREAKER
CIRCUIT
CEILING
CLEAR
CONCRETE
CONSTRUCTION
CONTINUOUS
CONTRACTOR FURNISHED CONTRACTOR INSTALLED
DOUBLE
DIAMETER
DIAGONAL
DIMENSION
DETAIL
DRAWING
DUAL ELEMENT FUSES
EAST
EACH
ELEVATION
ELECTRICAL
EQUAL
EQUIPMENT
EACH WAY
EXISTING
EXTERIOR
ELECTRICAL METALLIC TUBING (THIN WALL)
ELECTRICAL CONTRACTOR
EQUIPMENT GROUND BUS
FINISH
FLUORESCENT
FLOOR
FOOT
GALVANIZED RIGID CONDUIT
GROUND
GAUGE
GALVANIZE(D)
GENERAL CONTRACTOR
GYPSUM WALL BOARD
GYPSUM BOARD
HARDWOOD
HORIZONTAL
HOUR
HEIGHT
HEATING, VENTING AND AIR CONDITIONING
INSIDE DIA.
INCH
INFORMATION
INSULATION
INTERIOR
KILOWATTS
POUND(S)
MAXIMUM
MECHANICAL

MET, MTL
MFR.
MGR
MIN.
MISC
MGB
MTD.
NEUT.
N
NA
NIC
NTS
O.F.C.I.
OC, o/c
OD
OPG.
OPP
OHT/OHP
OHP
OHT
PVC.
PLYWD.
PR
PROJ
PROP
PT
RECPT.
REQ'D
RM
R.O.
S
SW.
SHT
SIM.
SPEC.
SQ.
SS
STL.
STRUCT.
SUSP.
S.V.
THRU
TIND
T.O.C.
T.O.M.
TYP
U.O.N.
UBC
UGP
UGT
VERT.
VIF
VT
W
W/
WIN
W/O
W.
W.P.
XFMR

METAL
MANUFACTURER
MANAGER
MINIMUM
MISCELLANEOUS
MAIN GROUND BUS
MOUNTED
NEUTRAL
NORTH
NOT APPLICABLE
NOT IN CONTRACT
NOT TO SCALE
OWNER FURNISHED, CONTRACTOR INSTALLED
ON CENTER
OUTSIDE DIAMETER
OPENING
OPPOSITE
OVERHEAD TELEPHONE/OVERHEAD POWER
OVERHEAD POWER
OVERHEAD TELEPHONE
SCHEDULE 40 PLASTIC CONDUIT.
PLYWOOD
PAIR
PROJECT
PROPERTY
PRESSURE TREATED
RECEPTACLE
REQUIRED
ROOM
ROUGH OPENING
SOUTH
SWITCH
SHEET
SIMILAR
SPECIFICATION
SQUARE
STAINLESS STEEL
STEEL
STRUCTURAL
SUSPENDED
SHEET VINYL
THROUGH
TINNED
TOP OF CONCRETE
TOP OF MASONRY
TYPICAL
UNLESS OTHERWISE NOTED
UNIFORM BUILDING CODE
UNDERGROUND POWER
UNDERGROUND TELEPHONE
VERTICAL
VERIFY IN FIELD
VI N YL TILE
WEST
WITH
WINDOW
WITHOUT
WATTS
WEATHERPROOF
TRANSFORMER

- △= REVISION
①= KEY NOTES
⊕= KEY NOTES
Ⓜ= KEYED NOTES

ANGLE
AND
CENTER LINE
PROPERTY LINE
AT
NUMBER

= ELEVATION
REFERENCE
= SECTION
REFERENCE
= NORTH
ARROW

JURISDICTION NOTES

1. FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION (HANDICAPPED ACCESS NOT REQUIRED).
2. FACILITY HAS NO PLUMBING.
3. FACILITY WILL BE INDEPENDENTLY POWERED WITH SEPARATE METER.
4. ANTENNA INSTALLATION SHALL BE CONDUCTED BY FIELD CREWS EXPERIENCED IN THE ASSEMBLY AND ERECTION OF RADIO ANTENNAS, TRANSMISSION LINES, AND SUPPORT STRUCTURES.
5. CONTRACT COMPANIES AND THEIR EMPLOYEES SHALL OBSERVE AND PRACTICE ALL O.S.H.A. SAFETY GUIDELINES WHILE PERFORMING SERVICE FOR CLEARWIRE TECHNOLOGIES, INC.
6. CONTRACTOR SHALL PERFORM A SAFETY INSPECTION PRIOR TO COMMENCING ALL WORK ACTIVITIES AT A CLEARWIRE TECHNOLOGIES, INC. LEASED OR OWNED SITE. CLEARWIRE TECHNOLOGIES, INC. SHOULD BE IMMEDIATELY NOTIFIED OF SAFETY HAZARD(S) FOUND DURING THE INSPECTION THAT COULD CAUSE DAMAGE TO PROPERTY. ALL WORK SHALL BE HALTED UNTIL SUCH TIME THE REPORTED SAFETY HAZARD IS CORRECTED. THE SAFETY HAZARD, IF POSSIBLE, SHOULD BE CORRECTED BY THE CONTRACTOR WHILE ON SITE. AFTER THE CONTRACTOR HAS NOTIFIED CLEARWIRE TECHNOLOGIES, INC. OF THE HAZARD AND HAS RECEIVED APPROVAL FROM CLEARWIRE TECHNOLOGIES, INC. TO PERFORM THE CORRECTION.
7. TOWER MODIFICATIONS, IF REQUIRED, ARE TO BE COMPLETED BEFORE THE INSTALLATION OF ANY EQUIPMENT.



NV-LSV182D
NEXTEL CO-LO

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2	04-03-07	100% ZD WITH CHANGES	BC	KM	JC
1	04-03-07	90% ZD WITH CHANGES	GG	KM	JC
0	02-27-07	ISSUED FOR REVIEW	KR	KM	JC
NO.	DATE	REVISIONS	BY	CHK	APP'D
SCALE:	AS SHOWN	DESIGNED:	D&L	DRAWN:	KR

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GENERAL NOTES, LEGEND, SYMBOLS, ABBREVIATIONS

DRAWING NUMBER	REV
T-2	2



DL Damiano & Long
4645 EAST COTTON CENTER BLVD.
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A division of **SCHOOR DEPALMA**
Engineers and Design Professionals

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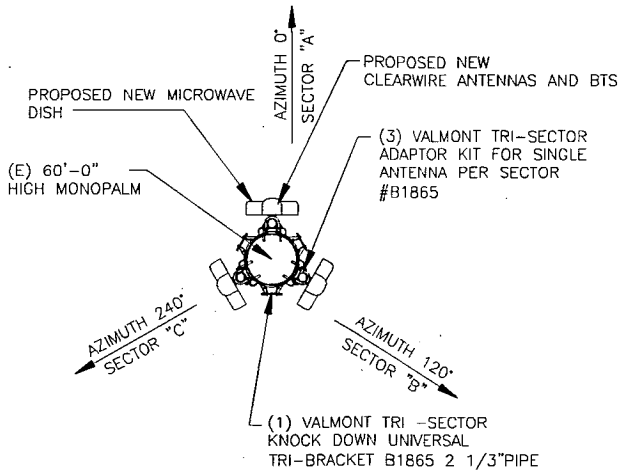
PARCEL MAP	
DRAWING NUMBER	REV
A-1	2

	SYM.	CONDUIT SIZE	RUN LENGTH, FT± OPTION 1
POWER	E	2"	24'-0"±

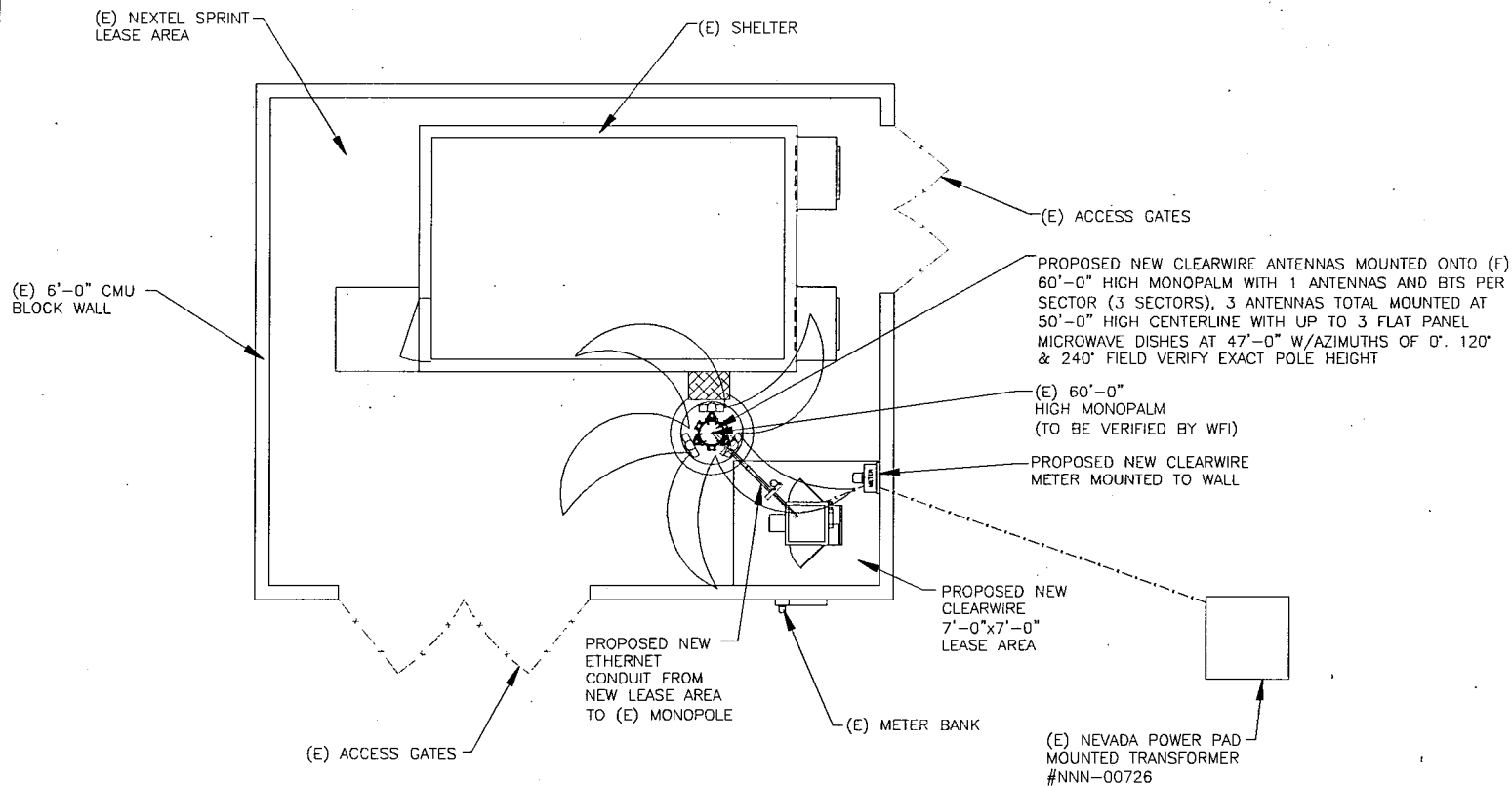
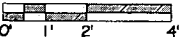
NOTE:
ALL POWER INFORMATION TO BE VERIFIED PRIOR TO START OF CONSTRUCTION W/ THE UTILITY COMPANIES' DESIGNS.

NOTE:

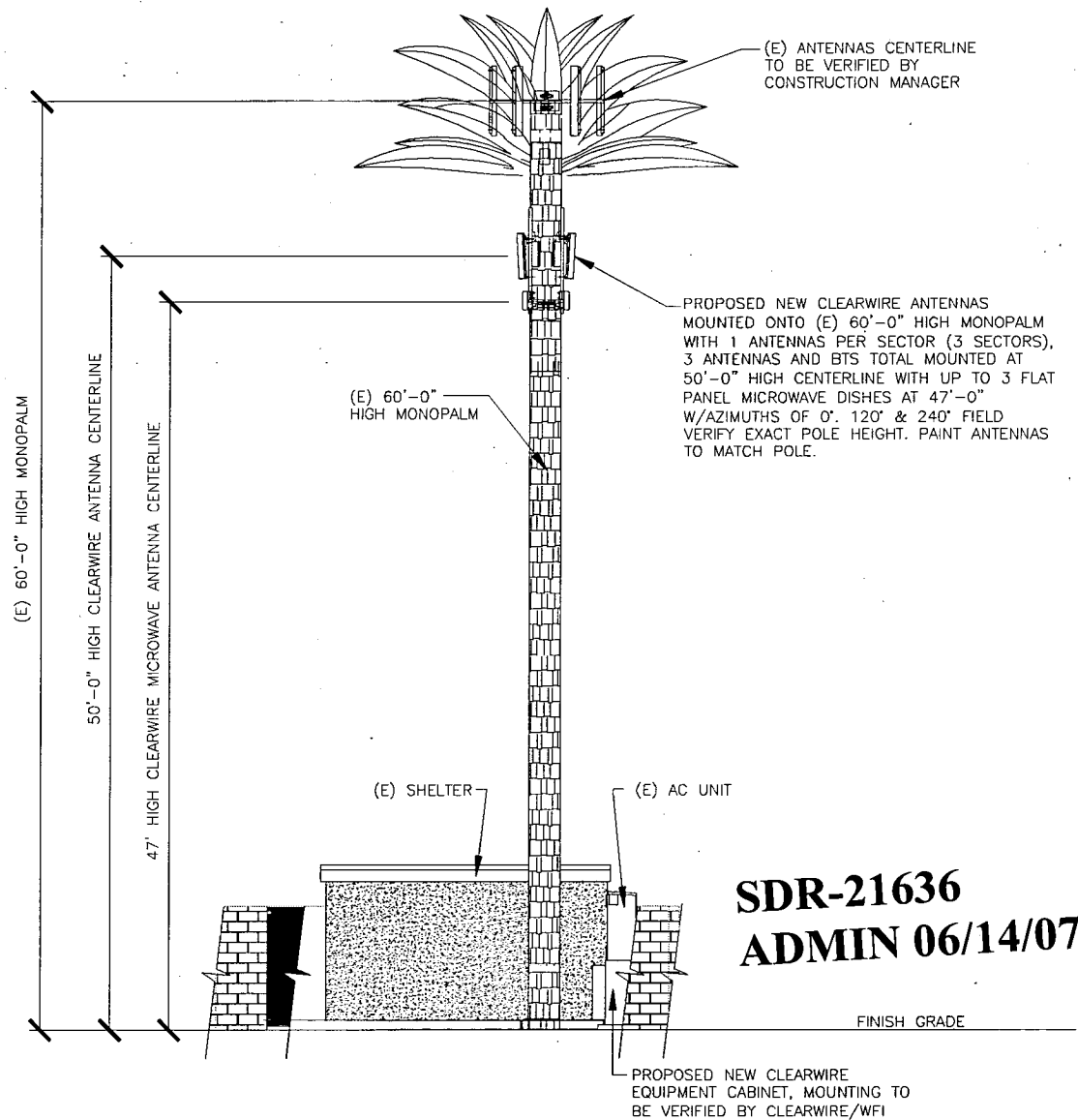
1. ALL ANTENNAS FURNISHED W/ DOWNTILT BRACKETS. CONTRACTOR TO COORDINATE REQUIRED MECHANICAL DOWNTILT FOR EACH ANTENNA W/ RF ENGINEER.
2. ANTENNA CENTERLINE HEIGHT IS IN REFERENCE TO ELEVATION 0'-0" ANTENNA HEIGHTS ARE SHOWN ON TOWER ELEVATION DETAIL (BELOW).
3. CONTRACTOR SHALL VERIFY ANTENNA TYPE, CABLE TYPE, AND AZIMUTH W/ RF ENGINEER AND/OR CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.
4. ALL AZIMUTHS TO BE SET TO TRUE NORTH NOT TO MAGNETIC NORTH.



3 ANTENNA LAYOUT
SCALE: 1/2"=1'-0"



1 SITE LAYOUT
SCALE: 1/4"=1'-0"



2 ELEVATION (SOUTH)
SCALE: 3/16"=1'-0"



Damiano & Long
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PHOENIX, AZ. 85040
TEL (602) 604-9338 FAX (602) 604-9301
SCHOOR DEPALMA
A division of Engineers and Design Professionals

NV-LSV182D
NEXTEL CO-LO
9920 ISAAC NEWTON WAY
LAS VEGAS, NV 89129

clearw're
wireless broadband
4400 Carillon Point
Kirkland, WA 98033

NO.	DATE	REVISIONS	BY	CHK	APP'D
2	04-03-07	100% ZD WITH CHANGES	BG	KM	JC
1	04-03-07	90% ZD WITH CHANGES	GG	KM	JC
0	02-27-07	ISSUED FOR REVIEW	KR	KM	JC
SCALE: AS SHOWN DESIGNED: D&L DRAWN: KR					

ZONING ONLY
NOT FOR
CONSTRUCTION

SITE LAYOUT, ELEVATION (SOUTH), ANTENNA LAYOUT	
DRAWING NUMBER	REV
A-2	2

Plans (PMT)



PLANS - PMT

Separator Sheet

Photosimulation of view looking north from the back parking lot.



Action Letter



ACTION LETTER

Separator Sheet



May 18, 2007

Mr. Shane Hennessy-York
Wireless Facilities, Inc.
1701 W. Charleston Blvd., Suite 600
Las Vegas, NV 89102

RE: Cell Facility at APN: 138-07-301-014 for Clearwire Wireless located at
9920 Isaac Newton Way.

LAS VEGAS CITY COUNCIL

OSCAR B. GOODMAN
MAYOR

GARY REESE
MAYOR PRO TEM

LARRY BROWN
STEVE WOLFSON
LOIS TARKANIAN

STEVEN D. ROSS
BRENDA J. WILLIAMS
INTERIM

DOUGLAS A. SELBY
CITY MANAGER

Dear Mr. Hennessy-York:

It has been determined that the proposed co-location of 3 small antennas and 3 microwave dishes to an existing 60-foot tall wireless communication facility, stealth meets the standard for approval as defined in Title 19.04.040 and 19.20.020 of the Zoning Code of the City of Las Vegas, subject to the following.

1. Conformance to the submitted site plan and elevations.
2. All landscaping associated with the Wireless Communications Facility that is dead shall be removed and replaced. All landscaping shall be in conformance to Title 19.12 requirements prior to the issuance of a building permit.
3. The wireless communications facility and its associated equipment and screening shall be properly maintained and kept free of graffiti at all times by the monopole owner. Failure to perform the required maintenance may result in fines and/or removal of the facility and its associated equipment. If abandoned, the property owner must obtain a demolition permit to remove the equipment within 30 days of abandonment. All equipment must then be removed within six months after operations at the site cease.

A Special Use Permit application will not be required prior to submittal of building permits. It should be noted that within ten (10) days after this notice is mailed, the applicant may proceed to apply for building permits, unless a member of the City Council files with the Director a written request for the Council to review the approval. A copy of this letter must be included in the permit package.

If you have any questions, please feel free to contact me at (702) 229-5447.

Sincerely,

Nathan Goldberg, Planner II
Current Planning Division
Planning and Development Department

NG:nl

CITY OF LAS VEGAS
400 STEWART AVENUE
LAS VEGAS, NEVADA 89101

VOICE 702.229.6011
TDD 702.386.9108
www.lasvegasnevada.gov

Hansen Sheet



Separator Sheet

City of Las Vegas

400 Stewart Ave
Las Vegas, NV 89101-2927

SDR Application

Report Date 04/27/2007 05:19 PM

Submitted By

Page 1

A/P # 21636 SITE DEVELOPMENT PLAN REVIEW

Application Information

Stages

	Date / Time	By		Date / Time	By
Processed	04/27/2007 17:18	983953	Temp COO		
Approved	04/27/2007 17:19	983953	COO Issued		
Final			Expires		

Associated Information

Type of Work	Z-CELL CELL TOWER	# Plans	0	Declared Valuation	0.00
Dept of Commerce		# Plans	0	Calculated Valuation	0.00
Priority	☐ Auto Reviews	Bill Group		Actual Valuation	0.00

Description of Work

SDR-21636 - CELL TOWER - APPLICANT: WIRELESS FACILITIES, INC. - Request for Administrative Approval TO ALLOW A PROPOSED CO-LOCATION OF ANTENNAS ON AN EXISTING 60-FOOT WIRELESS COMMUNICATION FACILITY, STEALTH at 9920 Issac Newton Way (APN 138-07-301-014), PD (Planned Development) Zone, Ward 5 (Brown).

Parent A/P

Project #	21636	Project/Phase Name	CELL TOWER CO-LOCATION 9920 IS	Phase #	
Size/Area	0.00	Size Description		Subdivision Code	
Proposed Start		Proposed Stop		% Completed	0.00
% Complete Formula					

Property/Site Information

Parcel 13807301014

Location

Owner/Tenant

Contact ID AC558204	Name	BABB INVESTMENT CO	Organization	
Mailing Address 9735 S 500 W			State/Province UT	
City SANDY			Country	☐ Foreign
ZIP/PC 84070-2500			Evening Phone	
Day Phone			Mobile #	
Fax				

Linked Addresses

No Addresses are linked to this Application

A/P Linked Addresses

9900 ISAAC NEWTON WY
LAS VEGAS, 89129-9920 ISAAC NEWTON WY
LAS VEGAS, 89129-9930 ISAAC NEWTON WY
LAS VEGAS, 89129-

Linked Parcels

No Parcels are linked to this Application

A/P Linked Parcels

Report Date 04/27/2007 05:19 PM

Submitted By

Page 2

A/P Linked Parcels

13807301014

Check Conditions Condition Supervisor/Required	Approval Approved By Comments	Approved Date	Applied By	Applied Date	Assigned
--	-------------------------------------	---------------	------------	--------------	----------

No Conditions

Planning Condition	Description	Effective	Expire	Comments
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There is no planning condition for this project.

SITE PLAN REVIEW

N DINA Required? N Project of Regional Significance? Final City Council letter received
N Parent Project link required? Annotated minutes recieved
N Will this go to the City Council? Is there a condition of approval for a Required Review?
Hearing Type If yes, when does it need to be reviewed?
Public, Non-Public, Admin ADMIN

Meeting Information

Meeting Info Meeting Date Comments Added By	Meeting Type Add Date	Meeting Status Modified By Modified Date	YES Votes	NO Votes	ABSTENTIONS
06/14/2007	ADMIN	SCHEDULED	0	0	0
NGOLDBERG	04/27/2007				

Template Type/AP #	A/P Type	Status	Stage
--------------------	----------	--------	-------

No children exist for this project

Employee Employee ID	Last	First	MI	Comments
983953	GOLDBERG	NATHAN	B	

Log Action Comments	Description	Entered By	Start	Stop	Hours
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No Log Entries

Justification Letter



Separator Sheet



April 27, 2007

Mr. Nathan Goldberg
City of Las Vegas
Planning & Development Department
731 South Fourth Street
Las Vegas, NV 89101

Re: Wireless Communication Facility Administrative Review Land Use Application
9920 Isaac Newton Way – APN 138-07-301-014 – near Cheyenne Ave. & Hualapai Way

Dear Mr. Goldberg:

On behalf of Clearwire Wireless Broadband, I respectfully request your consideration and acceptance of the attached application. This project is located on APN 138-07-301-014 on the north side of Cheyenne Avenue, east of Hualapai way and is designed as a “bolt-on collar” collocation of 3 small antennas and 3 microwave dishes to the existing 60-foot stealth wireless communication tower located on the PD, Planned Development District parcel.

Clearwire Corporation (www.clearwire.com) – a provider of next-generation wireless Internet services enabling fast, simple, portable, reliable and affordable communications anytime and anywhere within Clearwire’s coverage area – is now in the process of building a network in the greater Las Vegas valley. Clearwire provides an easy, off-the-shelf wireless high-speed Internet solution where customers typically have the service operating within minutes of receiving the modem without any need for a technician to visit. There is no software to load and generally no configuring or changes to the customer’s computer. The fast and simple service can be accessed by simply taking the modem out of the box, plugging it in and connecting the Ethernet cord to the customer’s computer.

Clearwire currently provides a next-generation, non-line-of-site WiMAX-class solution. The portable Clearwire service can be moved from place-to-place inside Clearwire’s coverage area, which upon network launch, will allow customers to use the service throughout their home, office or favorite coffee house. Customers will use Clearwire to connect to the Internet using licensed spectrum, thus eliminating the confines of traditional cable or phone wiring. For the consumer, the wireless communication facility tower equipment will transmit radio signals from a base site to a small, wireless modem, which easily connects a user’s computer to the Internet.

Headquartered in Kirkland, Washington, Clearwire has launched wireless high-speed Internet service in 33 metro markets, covering more than 370 cities and towns in Alaska, California, Florida, Hawaii, Idaho, Minnesota, Nevada, North Carolina, Oregon, Texas, Washington and Wisconsin in the United States, as well as Ireland, Belgium, Denmark (under the Clearwire name with Danske Telecom) and Mexico (via its partner MVSNet). Clearwire is here to provide Internet service as astounding as the Internet itself.

Wireless Facilities, Inc.
representing Clearwire Wireless Broadband in Las Vegas
1701 W. Charleston Blvd., Suite 600
Las Vegas, NV 89102

SDR-21636

ADMIN 06/14/07

This application located on APN 138-07-301-014 is for the 3 antennas and 3 microwave dishes with a centerline of 50-feet to simply be bolted onto the existing 60-foot stealth communication facility. The small antennas will measure 42-inches in length and the microwave dishes will have a diameter of 24-inches. All associated radio equipment will be housed within the existing compound on a 3-foot by 3-foot pad with plenty of ground space available for additional collocations by others. If you have any concerns regarding this application, please do not hesitate to contact me at (702) 501-0992.

Sincerely,

A handwritten signature in black ink, appearing to read 'SHANE HENNESSY-YORK', with a stylized flourish at the end.

Shane Hennessy-York
Land Use Zoning Specialist
WFI, representing Clearwire Wireless Broadband
Shane.HennessyYork@wfinet.com