



LATITUDE: 38° 50' 11.60" N
 LONGITUDE: 106° 07' 38.00" W
 GROUND ELEV: 7942'

SITE NAME: BUENA VISTA HIGH SCHOOL



PLANS PREPARED BY:



mobile: 303.870.2276
 office: 303.363.8574
AARON ZIMMER
 architect
 aZ@ZYmR.co

LIMITATION OF WARRANTY AND ARCHITECT'S WORK PRODUCT:
 The architect and his consultants do not warrant or guarantee the accuracy and completeness of the work product herein beyond a reasonable diligence. If any mistakes, omissions, and/or discrepancies are found to exist within the work product, the Architect shall be notified immediately. Failure to promptly notify the Architect of such conditions shall absolve the Architect from any responsibility for the consequences of such failure. Modifications or contradictions to the plans taken without the knowledge, consent, or recommendation of the Architect shall transfer all responsibility to the parties taking said actions.

COPYRIGHT © 2013 Studio-Z Architecture, LLC
 The use of all information be it drawn or written appearing herein shall be restricted to the original project site for which said information was prepared and publication thereof is expressly limited to such use.

SITE INFORMATION

SITE ADDRESS:
 South Railroad St., Buena Vista, CO 81211

PROPERTY OWNER:
 BUENA VISTA SCHOOL DISTRICT

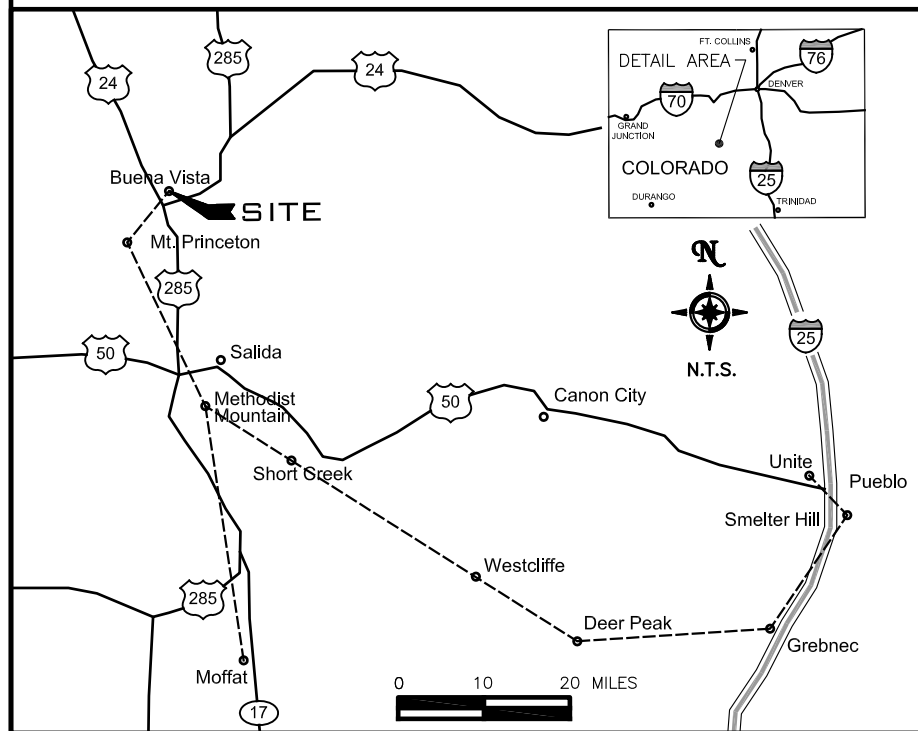
LATITUDE AND LONGITUDE: 38° 50' 11.60" N 106° 07' 38.00" W
ELEVATION: 7942' ASL

JURISDICTION: STATE OF COLORADO
 ZONING DESIGNATION: N/A
 OCCUPANCY: 2/UNMANNED
 CONSTRUCTION TYPE: TYPE V-B
 FULLY SPRINKLED: NOT REQUIRED

2009 INTERNATIONAL BUILDING CODE
 2009 INTERNATIONAL MECHANICAL CODE
 2009 INTERNATIONAL ENERGY CONSERV. CODE
 2008 NATIONAL ELECTRIC CODE
 TIA-222-G (OR LATEST EDITION)

A.D.A. COMPLIANCE: THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A TECH. WILL VISIT THE SITE AS REQ'D. FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE ON DRAINAGE; NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQ'D.

VICINITY MAP



APPROVALS

LAND OWNER:

CONSTRUCTION MANAGER:

DRAWING INDEX

SHEET NO.	SHEET TITLE
T-1	TITLE SHEET
A-1	LEASE AREA SITE PLAN
A-2	EQUIPMENT AREA LAYOUT
A-3	ELEVATION, DETAILS AND NOTES

REV: DATE: DESCRIPTION: BY:

REV	DATE	DESCRIPTION	BY
A	10/03/13	PRELIM ZD REVIEW	a.z.

ISSUE DATE:
OCT.03.2013

LICENSURE NO:

PROJECT INFORMATION:

SITE NAME
BUENA VISTA HIGH SCHOOL
 SOUTH RAILROAD ST.
 BUENA VISTA, CO 81211
 CHAFFEE COUNTY
 30'H BUILDING

SHEET TITLE:

TITLESHEET

SHEET NUMBER:

T-1

CONTACT INFORMATION

CONSTRUCTION MANAGER:

G4S TECHNOLOGY
 12742 EAST CALEY AVENUE, STE 2B
 CONTACT: RON CHRISTENSEN
 PHONE: 303-981-4411

ARCHITECT:

STUDIO-Z ARCHITECTURE, LLC
 CONTACT: AARON ZIMMER
 PHONE: 303-870-2276

DRIVING DIRECTIONS

FROM DENVER, CO:

1. TAKE BROADWAY HEADING SOUTH 0.6MI
2. TURN RIGHT ONTO W ALAMEDA AVE 0.6MI
3. TURN LEFT ONTO S KALAMATH ST 0.7MI
4. CONTINUE ONTO S PLATTE RIVER DR 0.7MI
5. CONTINUE STRAIGHT ONTO S SANTA FE DR 2.8MI
6. MERGE ONTO US-285 S VIA THE RAMP TO HAMPDEN AVENUE 111MI
7. TURN RIGHT ONTO US-24 W 1.8MI
8. TURN RIGHT ONTO BAYLOR DR 184FT
9. TAKE THE 1ST LEFT ONTO S RAILROAD ST 0.3MI

DESTINATION WILL BE ON THE RIGHT

DO NOT SCALE DRAWINGS

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



UTILITY NOTIFICATION CENTER,

TOLL FREE 1-800-227-2600

THREE WORKING DAYS BEFORE YOU DIG



PLANS PREPARED BY:

mobile: 303.870.2276
office: 303.363.8974
aZ@ZYmR.co

AARON ZIMMER
architect

LIMITATION OF WARRANTY AND ARCHITECT'S WORK PRODUCT:
The architect and his consultants do not warrant or guarantee the accuracy and completeness of the work product herein beyond a reasonable diligence. If any mistakes, omissions, and/or discrepancies are found to exist within the work product, the Architect shall be notified immediately. Failure to promptly notify the Architect of such conditions shall absolve the Architect from any responsibility for the consequences of such failure. Modifications or contradictions to the plans taken without the knowledge, consent, or recommendation of the Architect shall transfer all responsibility to the parties taking said actions.

COPYRIGHT © 2013 Studio-Z Architecture, LLC
The use of all information be it drawn or written appearing herein shall be restricted to the original project site for which said information was prepared and publication thereof is expressly limited to such use.

REV.	DATE:	DESCRIPTION:	BY:
A	10/03/13	PRELIM ZD REVIEW	a.z.

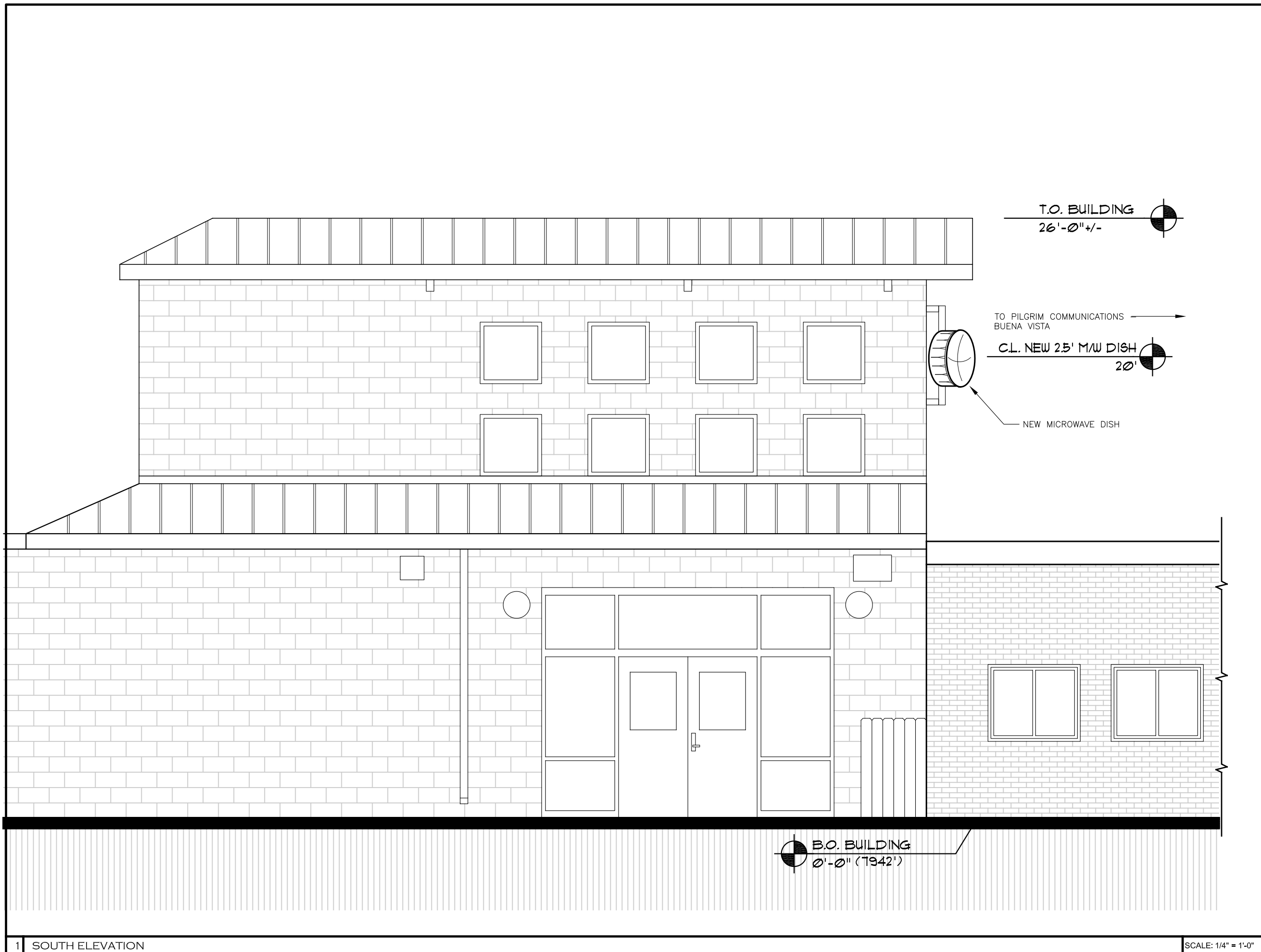
ISSUE DATE:
OCT.03.2013

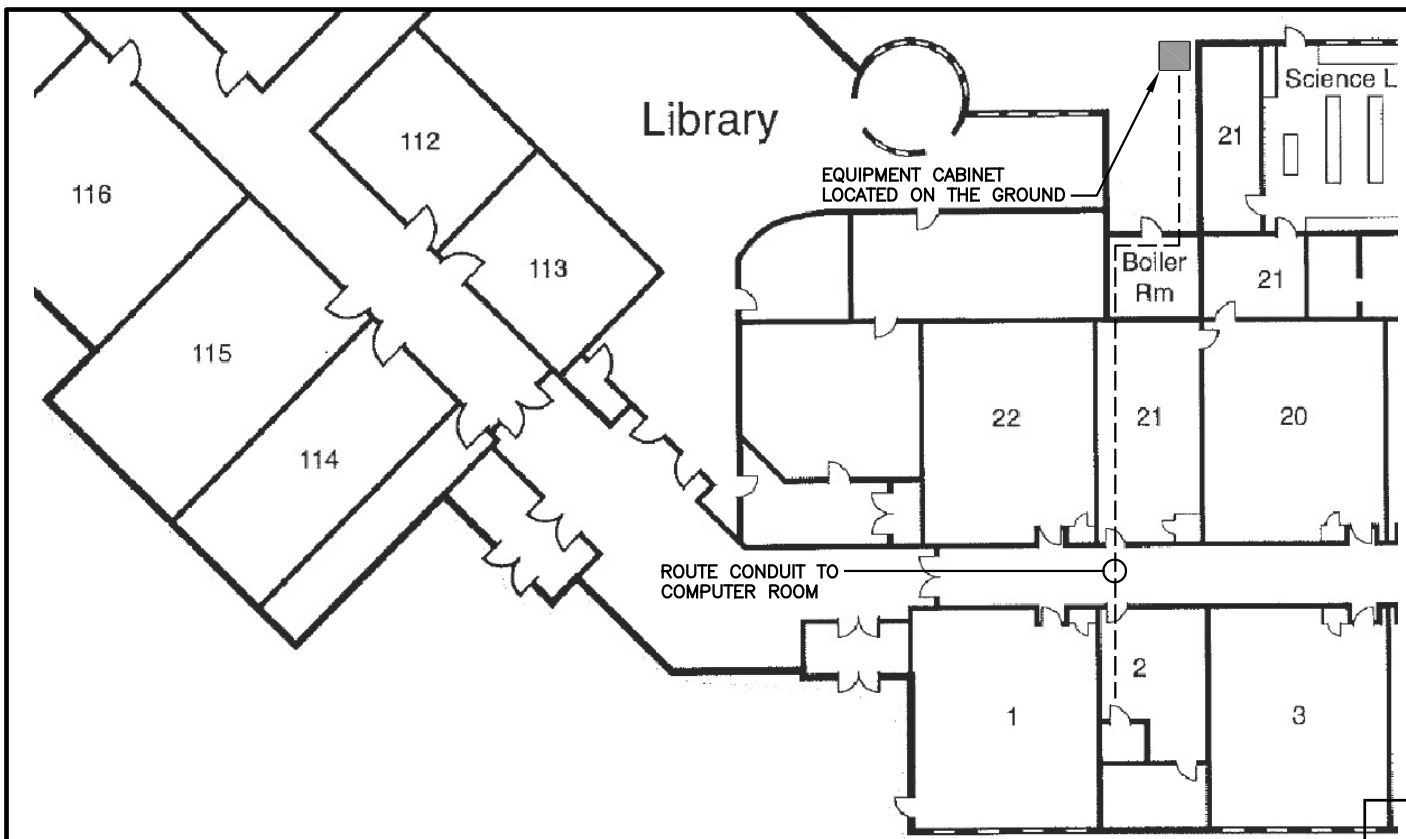
LICENSURE No:

PROJECT INFORMATION:
SITE NAME
BUENA VISTA HIGH SCHOOL
SOUTH RAILROAD ST.
BUENA VISTA, CO 81211
CHAFFEE COUNTY
30'H BUILDING

SHEET TITLE:
SITE PLAN

SHEET NUMBER:
A-1





ANTENNA MOUNTING NOTES:

1. DESIGN AND CONSTRUCTION OF DISH SUPPORTS SHALL CONFORM TO CURRENT ANSI/TIA-222.
2. ALL STEEL MATERIALS SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 "ZINC (HOT-DIP GALVANIZED) COATINGS ON IRON AND STEEL PRODUCTS", UNLESS NOTED OTHERWISE.
3. ALL BOLTS, ANCHORS AND MISCELLANEOUS HARDWARE SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153 "ZINC-COATING (HOT-DIP) ON IRON AND STEEL HARDWARE", UNLESS NOTED OTHERWISE.
4. DAMAGED GALVANIZED SURFACES SHALL BE REPAIRED BY COLD GALVANIZING PER ASTM A780.
5. ALL DISH MOUNTS SHALL BE INSTALLED WITH LOCK NUTS, DOUBLE NUTS AND SHALL BE TORQUED TO MANUFACTURER'S RECOMMENDATIONS.
6. CONTRACTOR SHALL INSTALL DISH AND GROUNDING PER MANUFACTURER'S RECOMMENDATION.

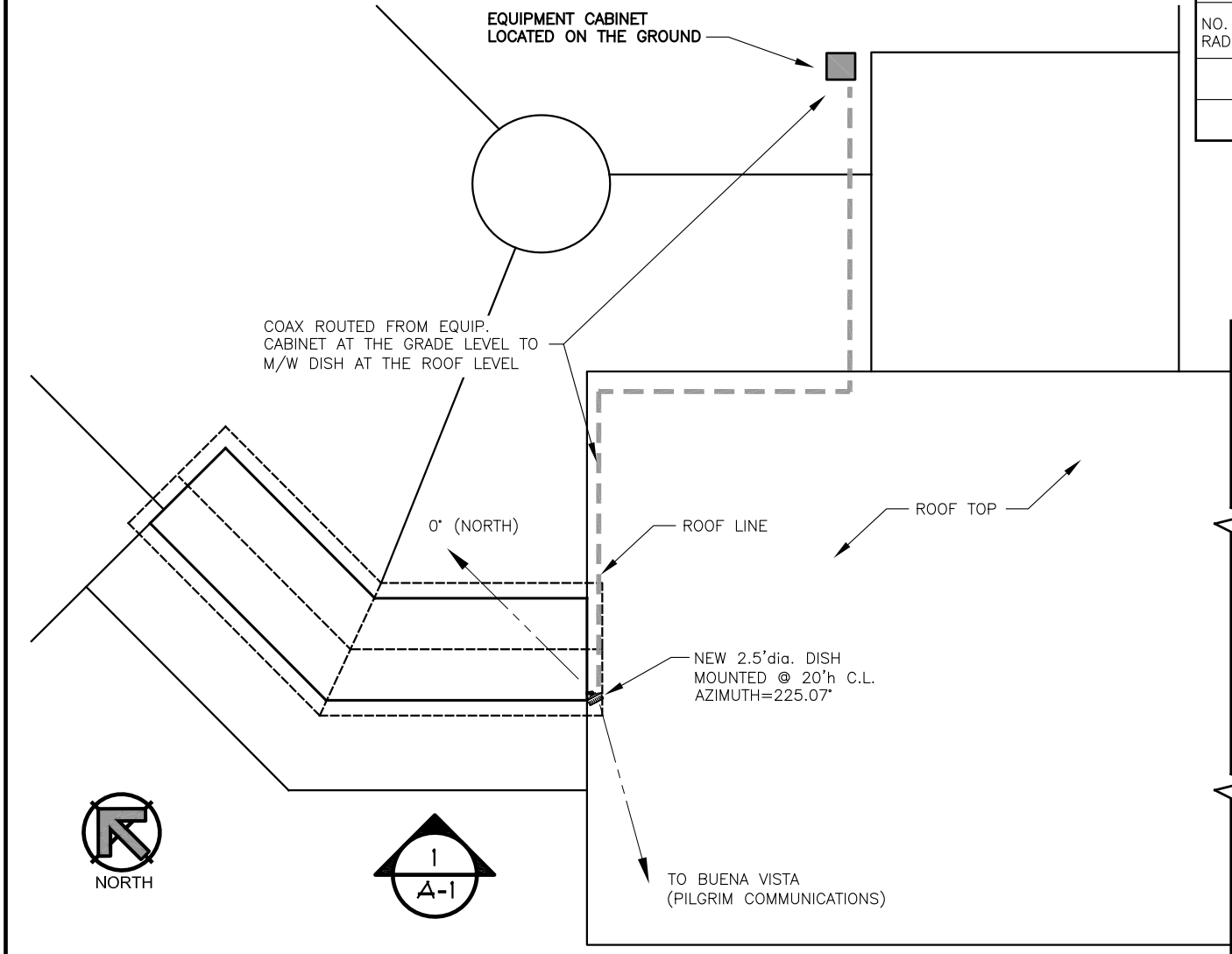
TORQUE REQUIREMENTS:

1. ALL RF CONNECTIONS SHALL BE TIGHTENED BY A TORQUE WRENCH, AND SHALL HAVE A TORQUE MARK INSTALLED IN A CONTINUOUS STRAIGHT LINE FROM BOTH SIDES OF THE CONNECTION.
 - a.) RF CONNECTION BOTH SIDES OF THE CONNECTOR.
 - b.) GROUNDING AND ANTENNA HARDWARE ON THE NUT SIDE STARTING FROM THE THREADS TO THE SOLID SURFACE.

EXAMPLE OF SOLID SURFACE: GROUND BAR, ANTENNA BRACKET METAL.
2. ALL 8M ANTENNA HARDWARE SHALL BE TIGHTENED TO 9 LB-FT (12 NM).
3. ALL 12M ANTENNA HARDWARE SHALL BE TIGHTENED TO 43 LB-FT (58 NM).
4. ALL GROUND GROUNDING HARDWARE SHALL BE TIGHTENED UNTIL THE LOCK WASHER COLLAPSES AND THE GROUNDING HARDWARE IS NO LONGER LOOSE.
5. ALL DIN TYPE CONNECTIONS SHALL BE TIGHTENED TO 18-22 LB-FT (24.4 - 29.8 NM).
6. ALL N TYPE CONNECTIONS SHALL BE TIGHTENED TO 15-20 LB-IN (1.7 - 2.3 NM).

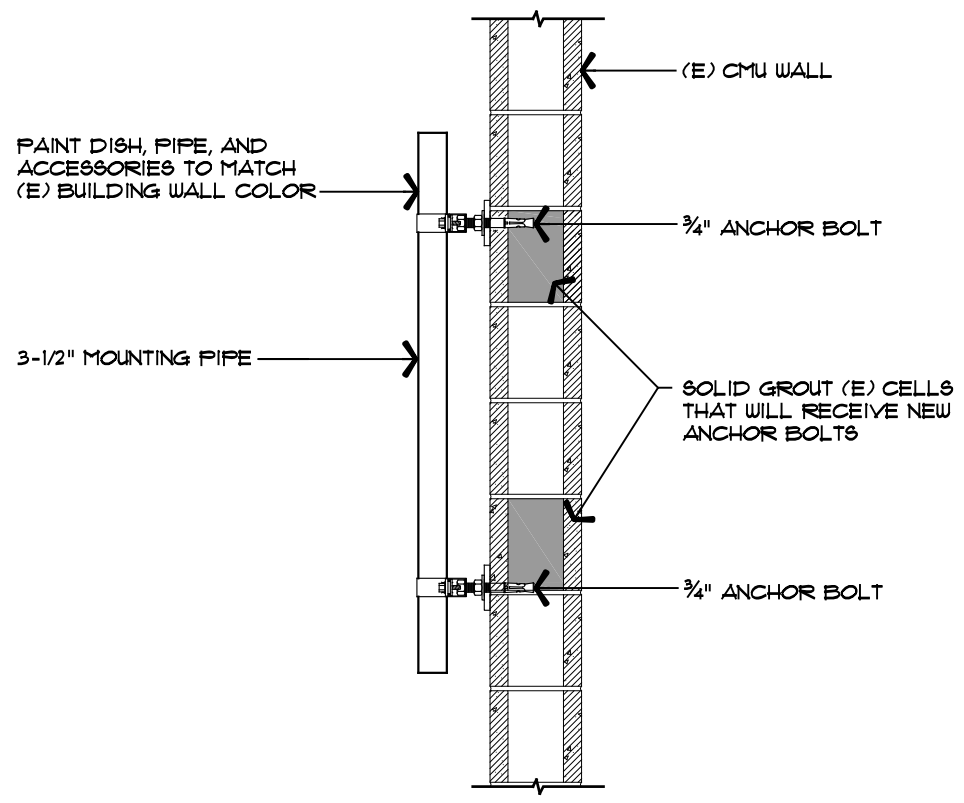
GENERAL NOTES:

1. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY DISH CONFIGURATION, MAKE AND MODELS PRIOR TO INSTALLATION.
2. ALL CONNECTIONS FOR HANGERS, SUPPORTS, BRACING, ETC. SHALL BE INSTALLED PER TOWER OWNER OR TOWER ANALYSIS RECOMMENDATIONS.
3. CONTRACTOR SHALL REFERENCE THE TOWER STRUCTURAL ANALYSIS/DESIGN DRAWINGS FOR DIRECTIONS ON CABLE DISTRIBUTION/ROUTING.
4. ALL OUTDOOR RF CONNECTORS/CONNECTIONS SHALL BE WEATHERPROOFED USING BUTYL TAPE AFTER INSTALLATION AND FINAL CONNECTIONS MADE. BUTYL TAPE SHALL HAVE A MINIMUM OF ONE-HALF TAPE WIDTH OVERLAP ON EACH TURN AND EACH LAYER SHALL BE WRAPPED THREE TIMES. WEATHERPROOFING SHALL BE SMOOTH WITHOUT BUCKLING. BUTYL BLEEDING IS NOT ALLOWED.
5. IF REQUIRED TO PAINT DISH AND/OR COAX:
 - a.) TEMPERATURE SHALL BE ABOVE 50°
 - b.) PAINT COLOR MUST BE APPROVED BY BUILDING OWNER/LANDLORD.
 - c.) FOR REGULATED TOWERS, FAA/FCC APPROVED PAINT IS REQUIRED.
 - d.) DO NOT PAINT OVER COLOR CODING OR ON EQUIPMENT MODEL NUMBERS.
6. NEW/UPGRADED MICROWAVE DISHES ARE SHOWN FOR DESIGN AND PLACEMENT ONLY. CARRIER SHALL CONSULT A TOWER STRUCTURAL ANALYSIS TO CONFIRM IF EXISTING TOWER HAS ADEQUATE CAPACITY FOR THE DESIRED MICROWAVE INSTALLATION/CONFIGURATION.



PROPOSED ANTENNA AND TRANSMISSION CABLE REQUIREMENT

NO. OF RADIOS	RADIO	COUPLER	DISH MANUF.	M/W DISH MODEL		AZIMUTH	RAD C.L.	TRANSMISSION CABLE		
								QTY.	LENGTH	TYPE
			DRAGONWAVE	NEW	A-ANT-23G-24-C-A	225.07°	20'	1		



PLANS PREPARED BY:



mobile: 303.870.2276
office: 303.363.8974
aZ@ZYmR.co
AARON ZIMMER
architect

LIMITATION OF WARRANTY AND ARCHITECT'S WORK PRODUCT:
The architect and his consultants do not warrant or guarantee the accuracy and completeness of the work product herein beyond a reasonable diligence. If any mistakes, omissions, and/or discrepancies are found to exist within the work product, the Architect shall be notified immediately. Failure to promptly notify the Architect of such conditions shall absolve the Architect from any responsibility for the consequences of such failure. Modifications or contradictions to the plans taken without the knowledge, consent, or recommendation of the Architect shall transfer all responsibility to the parties taking said actions.

COPYRIGHT © 2013 Studio-Z Architecture, LLC
The use of all information be it drawn or written appearing herein shall be restricted to the original project site for which said information was prepared and publication thereof is expressly limited to such use.

REV.	DATE:	DESCRIPTION:	BY:
A	10/03/13	PRELIM ZD REVIEW	a.z.

ISSUE DATE:
OCT.03.2013

LICENSURE NO:

PROJECT INFORMATION:
SITE NAME
BUENA VISTA HIGH SCHOOL
SOUTH RAILROAD ST.
BUENA VISTA, CO 81211
CHAFFEE COUNTY
30'H BUILDING

SHEET TITLE:
ELEVATION, DETAILS AND NOTES

SHEET NUMBER:
A-2