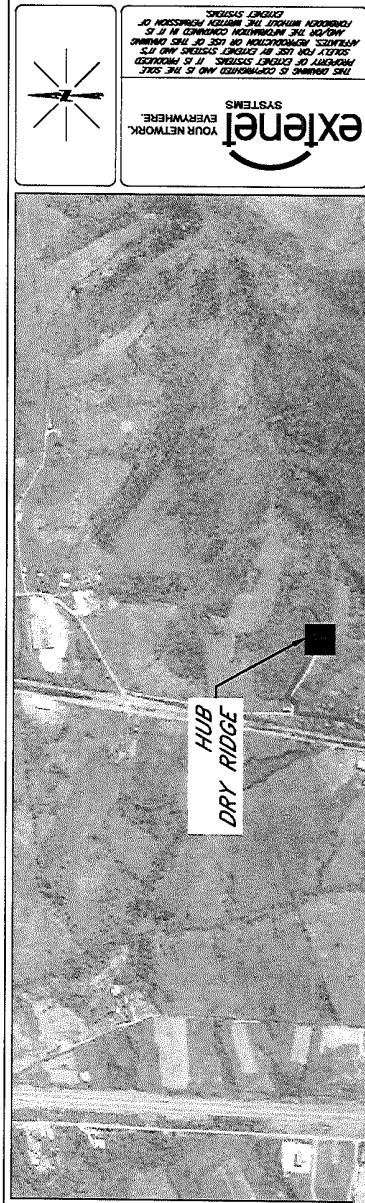
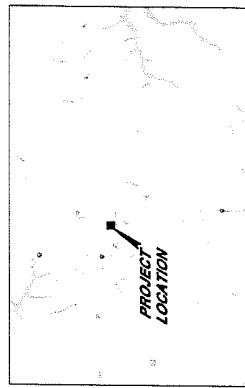


<u>DRY RIDGE, KY - NC-KY-DRYRIDGE1-VZW-S. MAIN-& SCHOOL ST.</u>	
NODE SITE DATA N. MAIN ST. & SCHOOL ST.	
305 ASSEMBLY CHURCH RD, KY 41025	
Latitude:	38.681429
Longitude:	-84.592511
Jurisdiction:	CITY OF DRY RIDGE
HUB AREA:	305 ASSEMBLY CHURCH RD.
Zoning:	PUBLIC RIGHT OF WAY
OCCUPANCY:	U UNMANNED
PERMIT NUMBER:	N/A
POLE OWNER:	EXTENET
HANDICAP REQUIREMENTS:	FACILITY IS UNMANNED AND NOT HANICAPPED ACCESS NOT REQUIRED
TITLE 24 REQUIREMENTS:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION, THIS PROJECT IS EXEMPT.



REVISIONS	
REV DATE	DESCRIPTION
S02	DRY RIDGE
S03	S. MAIN ST & SCHOOL ST
S04	NC-KY-DRYRIDGE1-VZW
S05	SITE NAME: NC-KY-DRYRIDGE1-VZW
S06	SITE ADDRESS: S. MAIN & SCHOOL ST
S07	GRANT COUNTY
S08	DRY RIDGE SYSTEMS
S09	EXTENET YOUR INTERNETWORK
S10	DISCLAIMER: THIS DRAWING IS FOR INFORMATIONAL PURPOSES ONLY. IT IS THE PROPERTY OF THE OWNER AND IS NOT TO BE COPIED OR REPRODUCED WITHOUT THE OWNERS WRITTEN CONSENT. ANY USE OF THIS DRAWING WITHOUT THE OWNERS WRITTEN CONSENT IS A VIOLATION OF FEDERAL LAW.

PROJECT DESCRIPTION	
CONTACT	CONTACTS
CONTACT	DEPT.
SCOTT CROWN - GIS ENGINEERING	PHONE
ED HICKMAN - GIS CONSTRUCTION & PM	EMAIL
TM TAYLOR - EXTENET PROJECT MANAGER	SCRMHANTS-KY.COM
MARY ANDERSON-OWNER - EXTENET CONSTRUCTION	TRUCKMAN-2025-0000
	WWW.CLOUDCLIENTSSTEAM.COM
	WANZEL-CHARTEREDCLOUDCLIENTSSTEAM.COM
	970-423-0080
	770-164-1620
	513-205-5800
	630-917-1530



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 CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

- 1. KENTUCKY MECHANICAL CODE MC-2009
- 2. KENTUCKY PLUMBING CODE UPC-2006
- 3. LOCAL BUILDING CODE CS
- 4. LOCAL ZONING CODE
- 5. LOCAL ADVERTISING CODE
- 6. LOCAL AIRPORT, COUNTY DOMINANCES
- 7. KENTUCKY ELECTRICAL CODE NEC-2011
- 8. KENTUCKY FIRE CODE (AND LATEST MUNICIPAL FIRE CODE)

GT5	
ADDED BY	GT5
REMOVED BY	K.S.
DATE DRAWN	10/15/14
TE. NAME	
PROJECT NUMBER	
SHEET NUMBER	1
COMPT'D	
GRAPHIC REV'D	
NOTE	
REV. BY	
PRINT BY	006
PRINT DATE	001

GENERAL NOTES:

- THE COMPETED GROUNDING SYSTEM SHALL CONFORM TO TA-802-8, AND SHALL BE TESTED IN AN APPROVED GROUND RESISTANCE TEST UNIT (IE, CLAWSON GROUND RESISTANCE METER, OR TWO-POINT THREE-POINT FALL OF POTENTIAL TESTER IN ACCORDANCE WITH THE MANUFACTURER'S TEST PROCEDURES) TO A MAXIMUM TERRAIN RESISTANCE OF 5 OHMS OR LOWER. 2 CONDUCTORS, 1/2" DIAMETER, 1/2" THICK, 100% COPPER, AND 1/2" DIAMETER, 1/2" THICK, 100% COPPER, AS MAY BE REQUIRED TO ACHIEVE GROUND RESISTANCE 5 OHMS OR LOWER.
- A 5'-8" X 8' FEET LONG, 1/2"-1" TO FEET LONG, GROUND ROD TO BE LOCATED NO NEARER THAN 16' FROM EXISTING POLE GROUND, BE INSTALLED TO A MAXIMUM OF 6 INCHES BELOW GROUND, AND THE GROUND CONDUCTOR SHALL BE ELECTROSTATICALLY WELDED TO THE GROUND BAR.
- GROUND CONDUCTOR BETWEEN GROUND ROD AND LOAD CENTER / MAIN GROUNDING BUSBAR SHALL BE #6 AWG STRANDED COPPER, INSTALLED 6" BELOW GRADE UNTIL TURNING VERTICAL, FOR MOUNTING TO THE INDOOR UTILITY POLE, THEN 5' THE COPPER GROUND CONDUCTOR SHALL BE COVERED FROM SLIGHTLY BELOW GRADE TO THE LOAD CENTER WITH 1" PLASTIC U-GUARD VERTICAL RACEWAY.
- STANDARD CONDUIT NOTES:**
 - ALL UNDERGROUND FIBER OPTIC CABLES SHALL BE INSTALLED IN CONDUITS, EITHER PVC SCHEDULE 40, OR STAINLESS STEEL, 1/2" ID, APPROXIMATELY 10' HIGH, OR HOOT BELLWIRE PROTECTOR, CABINET MOUNT, AND TRANSITION TO 1" NON-METALLIC ADVENTURE FLEXIBLE CONDUIT FOR PENETRATION INTO THE CABINET.
- STANDARD TRENCHING NOTES:**
 - MINIMUM CONDUIT DEPTH FOR FIBER OPTIC / ELECTRICAL CONDUITS IS 48" BELOW GRADE EXCLUDING THE SHALLOWEST PRACTICAL RADIOS WHERE THE CONDUIT TRANSITIONS TO A HORIZONTAL PIPE, HOSE, OR TUBE.
 - WHERE CABLES ARE PLACED IN OPEN TRENCH, THERE SHALL BE A WARNING TAPE LAYER 24" ABOVE THE FIBER OPTIC CABLE (IE, CAUTION: BURIED FIBER OPTIC CABLE).
 - IN CASES OF OPEN TRENCH CONSTRUCTION, CONTRACTOR SHALL INSTALL 6" SAND BED BELOW CONDUITS AND 4" SAND BACKFILL ABOVE CONDUITS, PRIOR TO USING Native BACKFILL, MAXIMUM 6' LIFTS WITH SELF COMPACTOR WHERE Native BACKFILL IS USED TO RESTORE EXCAVATED TRENCH AREAS.

POLY/GENERAL CONSTRUCTION NOTES:

- CONTRACTOR SHALL REMOVE / CLEAN ALL DEBRIS, NAILS, STAPLES, OR NON-USUALLY HELD MATERIALS FROM THE CONDUIT, TRENCH, AND SURFACE AREAS.
- REINFORCERS OF THE CONDUIT SHALL BE IN ACCORDANCE WITH ALL APPLICABLE STANDARDS AND REGULATIONS INCLUDING THE POLICE OWNER / UTILITY, MONROE COUNTY, STATE, AND FEDERAL REGULATIONS.
- NOT LESS THAN 16 HOURS PRIOR TO EXCAVATION, CONTRACTOR SHALL CALL JUICE INDUSTRY ONE-CALL SYSTEM AT (800) 882-0123.
- ALL LANDSCAPE / SITE CONDITIONS SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER.

CONSTRUCTION NOTES:

- LASTING UNDERGROUND UNITS HAVE BEEN PLOTTED FROM AVAILABLE RECORDS WITH FIELD OBSERVATIONS, BUT ARE NOT NECESSARY EXACT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE DUE CARE IN DETERMINING THE EXACT LOCATION OF EXISTING BURIED CABLES, MARKER, AND INSTALLATION OF A 2' HOLE 20'-11' CONVENTION OFF, OR OTHER, EXCAVATION. CONTRACTOR SHALL NOT DAMAGE EXISTING BURIED CABLES, MARKER, AND OTHER BURIED CONSTRUCTIONS. OTHER BURIED CONSTRUCTIONS ARE OWNED BY THE CONTRACTOR, OWNERSHIP, AND ALL LOCATE, PROJECT, AND REPAIR IF DAMAGED.
- THE CONTRACTOR SHALL CONTRACT THE LOCAL ONE CALL AGENCY NOT LATER THAN 48 HOURS PRIOR TO CONSTRUCTION BY CONTACTING THE BURIED LINE OWNER.
- LOCATING EXACT UTILITY LOCATIONS AT "JULIE CALL" NOT BEFORE 10 AM - (800) 882-0123.
- MOVING EXISTING UTILITY LINES, INCLUDING, BUT NOT LIMITED TO, BURIED UTILITIES, AIRVENTS, COUPLES, GUTTERS, HULLS, DRAINAGE DRAINS, EXHAUSTS, SHEDS, TREES, GRAVES, SOIL, ETC., SHALL BE RESTORED BY THE CONTRACTOR TO ORIGINAL OR BETTER CONDITION.
- THE CONTRACTOR SHALL ADHERE TO THE AVERAGE VERSION OF THE NATIONAL ELECTRIC SAFETY CODE, LOCAL MONROE UTILITY, COUNTY, STATE, OR FEDERAL RULES, WHICH MAY ALTER LOCAL SPECIFICATIONS. THE CONTRACTOR SHALL NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS / RECOMMENDATIONS.
- INSTALLED CABLE SPANS SHALL BE PROPERTY, SECURED, AND MAINTAIN NOT LESS THAN THE MINIMUM ALLOWED SPAN LENGTHS FOR ALL LINES AND CABLES, LESS THAN 12" SPACING FROM ALL PUBLIC PROPERTY LINES, UNLESS SPECIFICALLY STATED OTHERWISE, OR THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE AND RESTORATION OF ANY WATER, WASTE, WATER, STORM WATER, ELECTRICAL, NATURAL GAS, OR TRAFFIC CANAL FACILITIES, MONROE COUNTY, MONROE COUNTY, STATE, FEDERAL, AND UTILITY SPECIFICATIONS.
- CONTRACTOR SHALL FULLY CONFORM TO THE APPROPRIATE CITY, MONROE COUNTY, STATE, CONDITIONS DURING CONSTRUCTION, AND COMPLIANCE WITH THE CONTRACTOR'S OWN DRAWINGS. CONTRACTOR SHALL BE SUBMITTED TO THE DESIGN CONSULTANT SO THAT FINAL RECORD DRAWINGS CAN BE PREFERRED AND SUBMITTED TO THE OWNER AND OTHER PERMITTING AGENCIES AS MAY BE REQUIRED.

REVISIONS			
REV DATE	DESCRIPTION	BY	REVISION

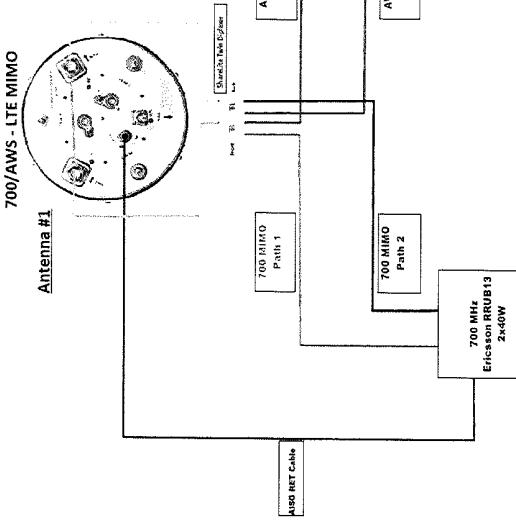
GRANT COUNTY			
DRY RIDGE			
SCHOOL SITE			
NC-KY-DRYRIDGM1-VZW			



SEARCHED	INDEXED
SERIALIZED	FILED
DATE SEARCHED	10/17/18
DATE INDEXED	
DATE SERIALIZED	
DATE FILED	

002 006

NC-KY-DRYRIDGM1-VZW -- Wiring Diagram for One Cylinder Configuration (v01)

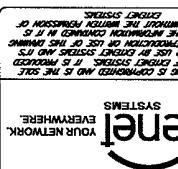


NOTE: ACTUAL RF CONNECTIONS TO BE FIELD DETERMINED BY SCTOR/BOARD

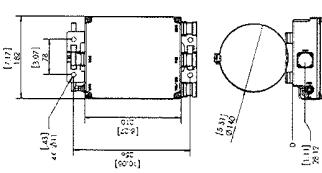
ANTENNA & CABLE SCHEDULE					
ANTENNA SECTOR	AZIMUTH	ANTENNA MAKE/MODEL	CABLE LENGTH	CABLE PER SITE	CABLE SIZE
SECTOR ALPHA	N/A	OmniSite 800 MHz NATCOM 800 MHz	40'	7	.402"
SECTOR BETA					
SECTOR GAMMA					

NOTE: CONTRACTOR TO FIELD VERIFY CABLE LENGTHS PRIOR TO ORDERING. CONFIRMATION OF INSTALLATION OF CABLES.

LOADING AND ANTENNA CABLE SCHEDULES



OUR NETWORK
EVERWHERE
SYSTEMS



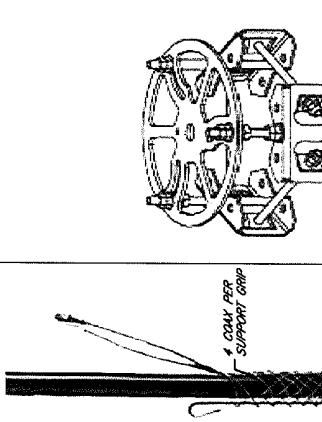
COMMSCOPE CBC71921-DG TRIPLEXER

REVISIONS	
REV. DATE	DESIGN REV. NUMBER
6/8	6/8

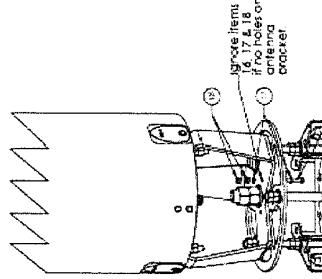
GIRANT COLNTRY
DRY RIDGE
5 MAIN ST & SCHOOL ST
SITE ADDRESS:
NC-KY-DRYRIDGE-11W
SITE NAME:



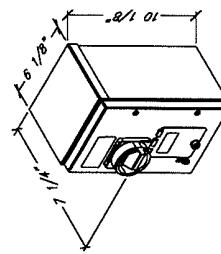
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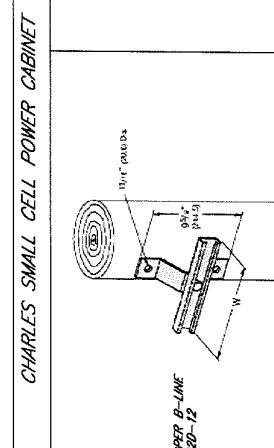
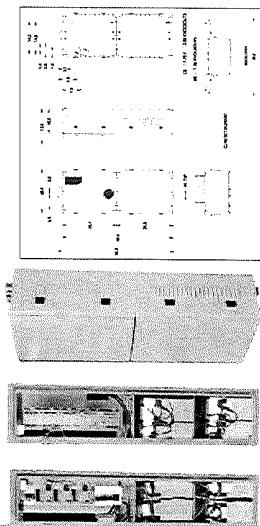
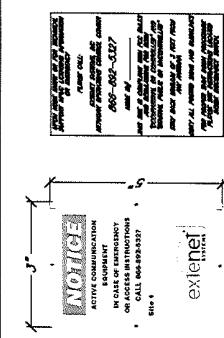
COMMSCOPE MC-MNT-TS1
TOP OF POLE MOUNTING
OPTION



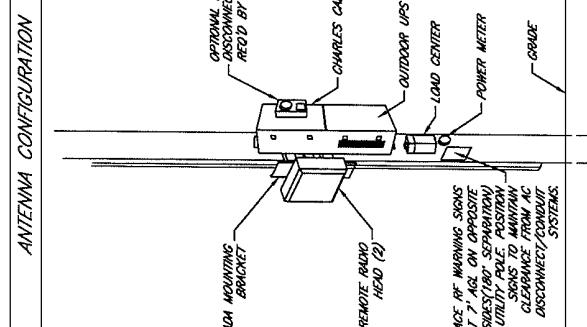
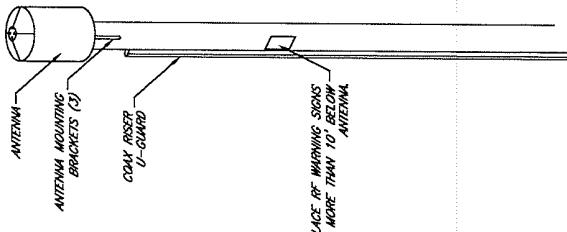
POLE TOP ANTENNA ASSEMBLY
CABLE SUPPORT
GRIP



SQUARE D QOB-16L100RB LOAD CENTER

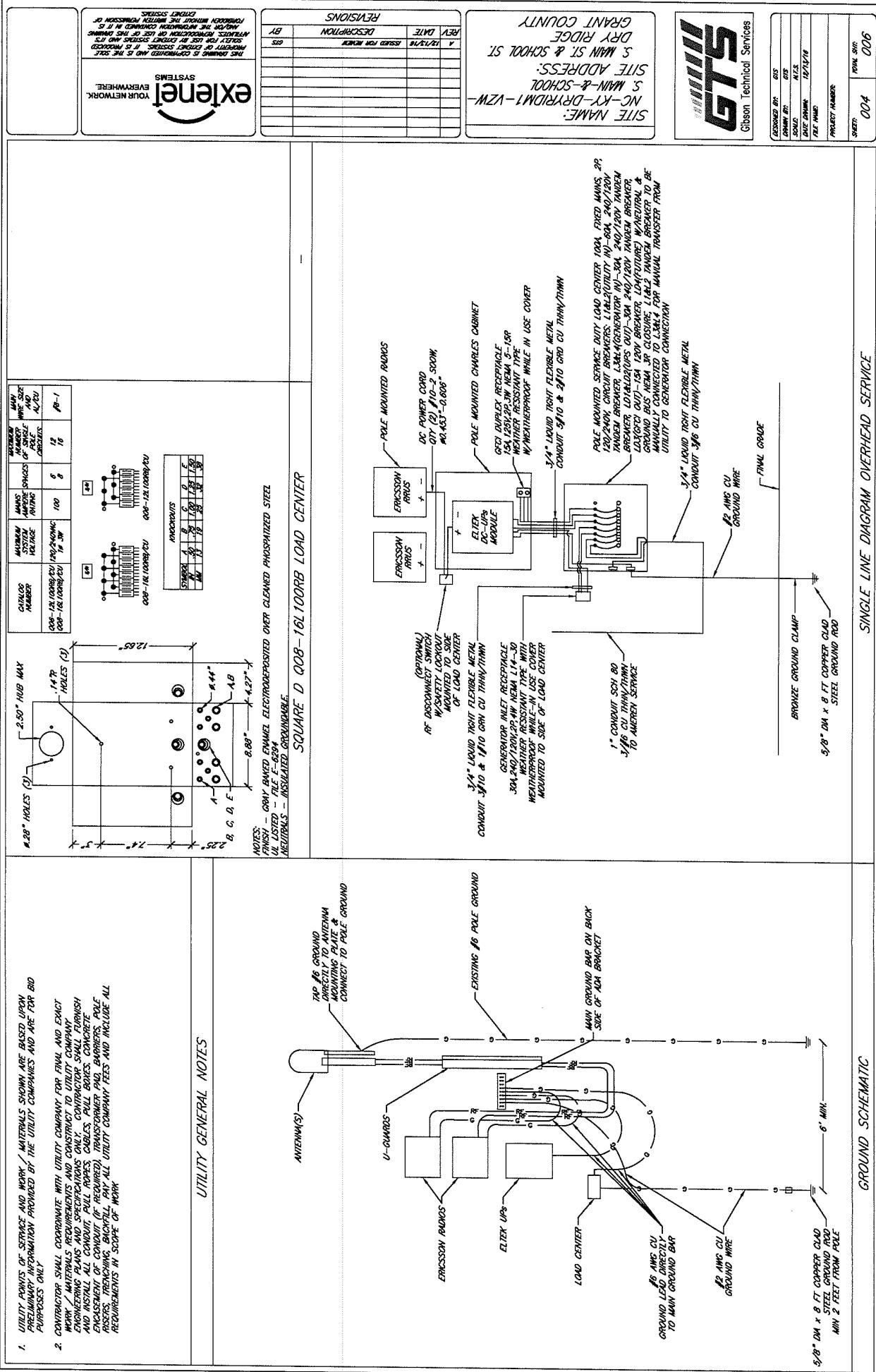


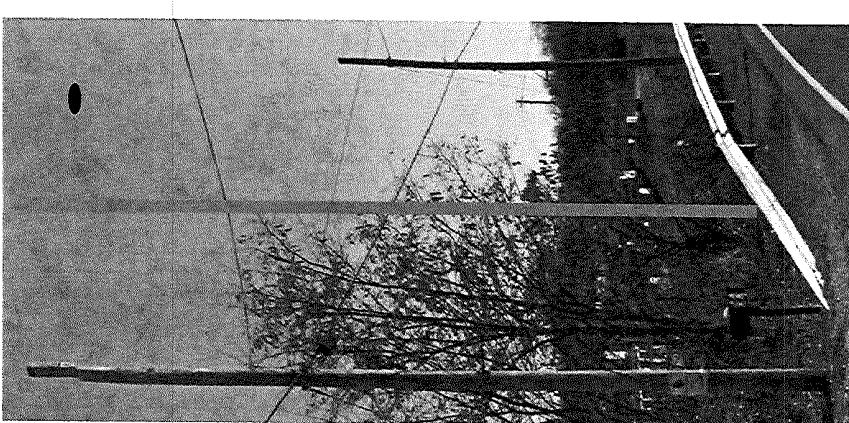
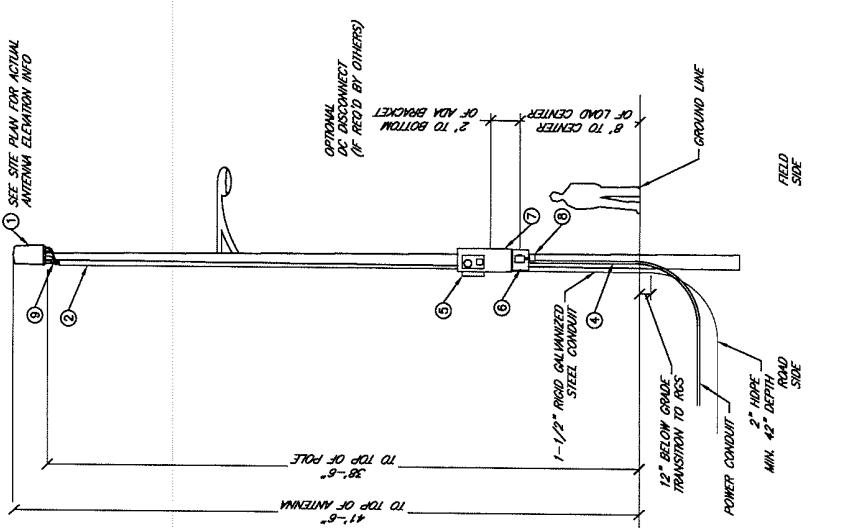
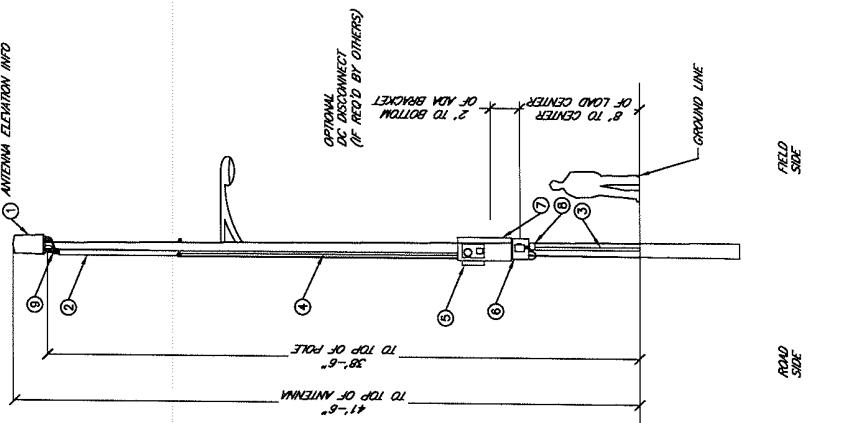
CHARLES SMALL CELL POWER CABINET



EQUIPMENT CONFIGURATION

RF WARNING SIGNAGE

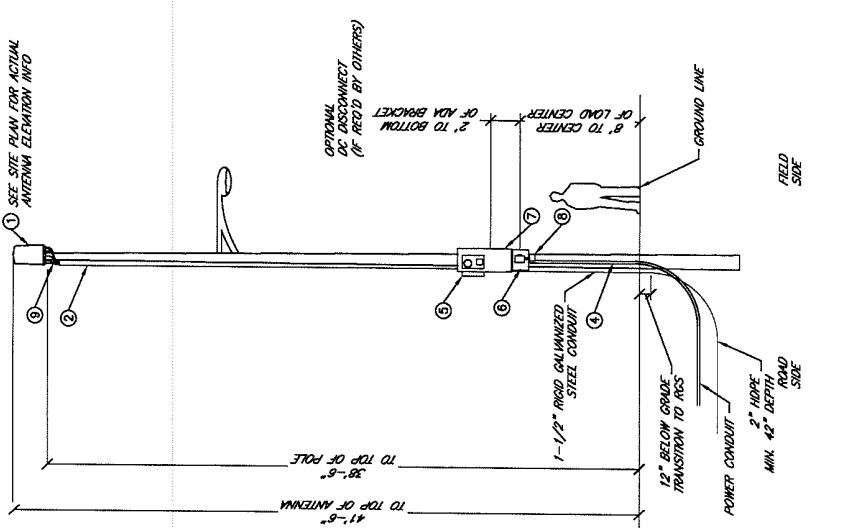


 <p>extenel SYSTEMS YOUR NETWORK EVERWHERE</p> <p>ANTENNA POLE ANTENNA CABLE COAX RISER FIBER RISER POWER RISER REMOTE RADIO HEAD - REEDO OWN REMOTE RADIO HEAD 12/13 MOUNTED ON AIA BRACKET GROUNDING BUSBAR LOAD CENTER GENERAL ACCESS PLUG HANGING GRIP (INCLUDES REPOZADO OR EQUIVALENT)</p>	<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>REV. DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> <tr> <td>A/12/13</td> <td>SITE PLAN</td> <td>GTS</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>	REV. DATE	DESCRIPTION	BY	A/12/13	SITE PLAN	GTS										<p>GRANT COUNTY</p> <p>DRY RIDGE</p> <p>S. MAIN ST & SCHOOL ST</p> <p>SITE ADDRESS:</p> <p>NC-KY-DRRILMT-VZW</p>	 <p>Gibson Technical Services</p> <p>DESIGNED BY: GTS DRAWN BY: GTS SOLIC: A.I.S. OUT DRAWN: T.G.S.A. FILE NAME: GTS</p>	<p>PROJECT NUMBER:</p> <p>Sheet: 005 Rev: 006</p>
REV. DATE	DESCRIPTION	BY																	
A/12/13	SITE PLAN	GTS																	
																			
																			
																			
<p>PROPOSED LOCATION LOOKING SOUTH</p>																			

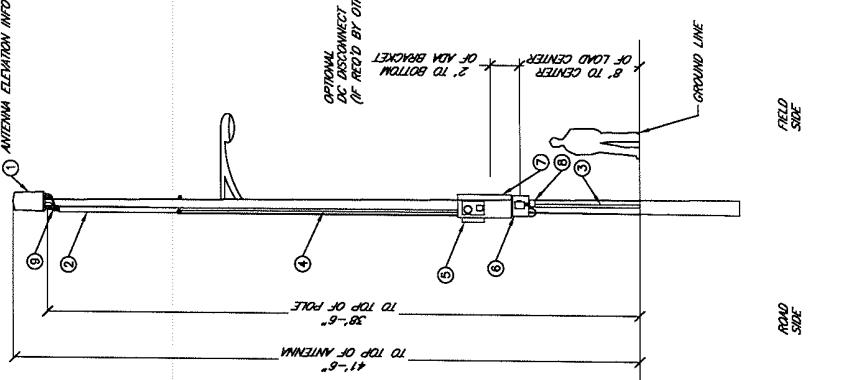
SYSTEM NOTE:
POLE ELEVATION DEPICTED IS TYPICAL - THE
DRAWINGS ELEMENTS WILL BE ADJUSTED AS
REQUIRED POWER PROVIDED BY
OTHERS

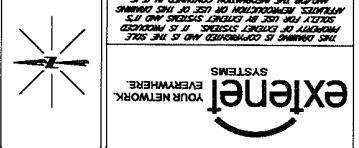
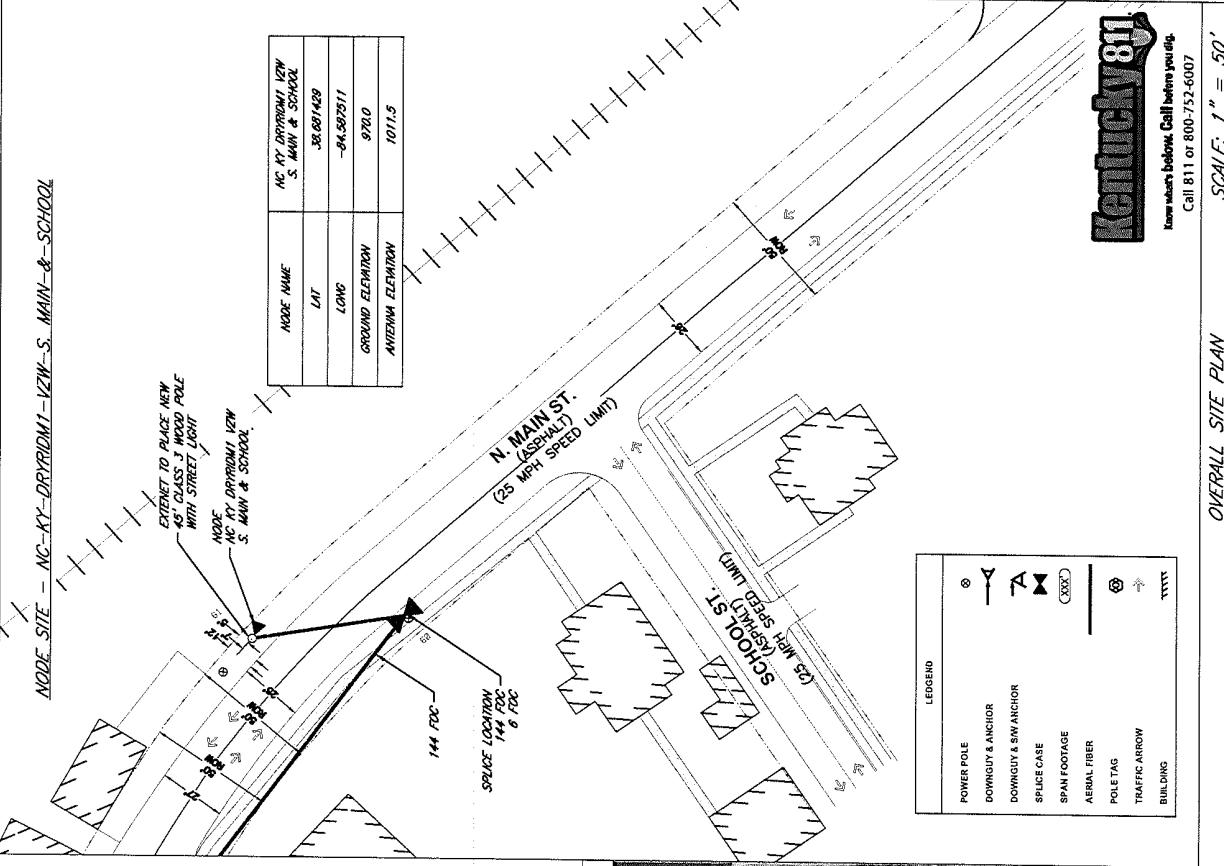
POLE NOTE:
EXTEND SPOUTS TO PLACE A CLASS J-45
PIPE AS REQUIRED POWER PROVIDED BY
OTHERS

SEE SITE PLAN FOR ACTUAL
ANTENNA ELEVATION INFO



OPTIONAL
DC DISCONNECT
(IF REQ'D BY OTHERS)



 <p>extenel VOIP NETWORK SYSTEMS</p>	<p>PROJECT NUMBER: 613 NODE NUMBER: NC-KY-DRYRDM1-VZW-S NODE ADDRESS: NC-KY-DRYRDM1-VZW-S NODE LOCATION: S MAIN & SCHOOL ST. NODE TO PLACE NEW AS GLASS J WOOD POLE WITH STREET LIGHT</p>	<p>REVISIONS REV DATE DESCRIPTION REV BY ISSUED REV NUMBER A. 10/10/04 SCHOOL SITE S. MAIN ST & SCHOOL ST. DRY RIDGE GRANT COUNTY SITE NAME: NC-KY-DRYRDM1-VZW</p>	 <p>GTS Gibson Technical Services</p>	<p>EXCERPT FROM THE KY. STATE PLANNING COMMISSION'S REGULATIONS WHICH REQUIRE THE MAINTENANCE OF WATER AND SEWER SERVICES IN ALL THE STATE WATER AND SEWER SERVICES ARE PROVIDED BY THE STATE OR LOCAL GOVERNMENT OR BY A PRIVATE COMPANY WHICH IS AUTHORIZED BY THE STATE TO PROVIDE WATER AND SEWER SERVICES. IT IS THE DUTY OF THE STATE TO ENSURE THAT THESE SERVICES ARE PROVIDED IN A MANNER WHICH IS FAIR AND EQUITABLE.</p>
 <p>Overall Site Plan</p> <p>Scale: 1" = 50'</p> <p>Kentucky 811 Know where before you dig. Call 811 or 800-752-0007</p>				
 <p>Aerial Photo</p> <p>S. Main St.</p> <p>Node Location</p>				
<p>SITE LOCATION MAP</p> <p>Site Location Map showing the location of the node relative to S. Main Street and the school building.</p>				