

Town of Lawrence
Proceedings of Planning and Zoning Committee Meeting
Wednesday, February 21, 2001
Meeting Time 7:00PM – Town Hall 2595 French Road

Call to Order

The meeting was called to order by Randy Vandenack at 7:10PM

Roll Call

Present: Randy Vandenack
 John Klasen
 John Krawczyk
 Mary Jo Kussow
Absent: Pieter Cabout
 Jim VanGheem

Approval of Minutes

A motion was made by John Klasen to approve the minutes from the meeting held on January 17, 2001. Seconded by John Krawczyk. Motion carried.

1. Jim Kassner, CSM for John VerBoort on Lost Dauphin Lots

A request was made to combine two parcels (L-173-4 and L-173-5) located on Lost Dauphin Road to one parcel owned by John VerBoort. A motion to approve was made by John Krawczyk and seconded by Mary Jo Kussow. Motion carried.

2. Preliminary Plat for Rolling Hills Estate First Addition

A motion was made by John Klasen to approve the preliminary plat for Rolling Hills Estate First Addition. Seconded by John Krawczyk. Motion carried.

3. Final Plat for Shadow Ridge Sub-Division

A motion was made by Randy Vandenack to approve the final plat for Shadow Ridge Sub-Division. Seconded by John Klasen. Discussion included a recommendation to exclude asphalt as a driveway option in the restrictive covenants. Motion carried.

4. Rezoning Request/Denise Gildernick

A request was made by Mike and Denise Gildernick to combine parcel L-42-5 currently zoned estate residential to L-42 currently zoned Exclusive Agricultural. The request includes approval to rezone L-42 from Exclusive Agricultural to Agricultural (less than 35 acres) and Parcel L-42-5 from estate residential to agricultural. A motion was made by John Klasen to approve the rezoning request. Motion seconded by Randy Vandenack. Motion carried.

5. Telecommunication Tower on Scott Turriff Property/Patrick Harrington (Parcel L-480-2)

Patrick Harrington proposed a telecommunication tower (Telecorp PCS) on Scott Turriff property. The Tower is 160' in height and located approximately 600'-700' from Lawrence Drive. The property borders the future City of De Pere Industrial District and is currently zoned agricultural. A motion was made by John Krawczyk to approve the proposed tower with a recommendation of 4 carriers on the tower. Motion seconded by John Klasen. Motion carried.

6. CSM for Mike Mueller

Mike Mueller proposed to split Lot 2 of CSM #1465597. The Committee recommends approval, however, directed the issue to the Board of Appeals.

7. CSM for Ray VandenHeuvel on Crimson Ct.

Luther Hoffman was present to propose a CSM for Ray VandenHeuvel to create 2 lots from 3 lots on Crimson Ct. A motion was made to approve by John Krawczyk and seconded by Randy Vandenack. Motion carried.

8. Any Other Issues Authorized by Law

With no further issues, a motion was made by John Krawczyk to adjourn the meeting. Seconded by Mary Jo Kussow. Motion carried. The meeting adjourned at 8:46PM.

Respectfully Submitted;

Mary Jo Kussow, Secretary
Planning and Zoning Board

MJK/jb

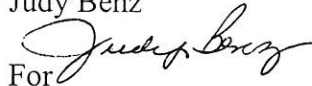
Town of Lawrence
Planning and Zoning Committee Meeting
Wednesday, February 21, 2001
Meeting Time 7:00PM – Town Hall 2595 French Road

Call to Order
Roll Call
Approval of Minutes

New Business

1. Jim Kassner, CSM for John VerBoort on Lost Dauphin Lots
2. Preliminary Plat for Rolling Hills Estate First Addition
3. Final Plat for Shadow Ridge Sub-Division
4. Rezoning Request/Denise Gildernick
5. Telecommunication Tower on Scott Turriff Property/Patrick Harrington (Parcel L-480-2)
6. CSM for Mike Mueller
7. CSM for Ray VandenHeuvel on Crimson Ct.
8. Any Other Issues Authorized by Law

Judy Benz



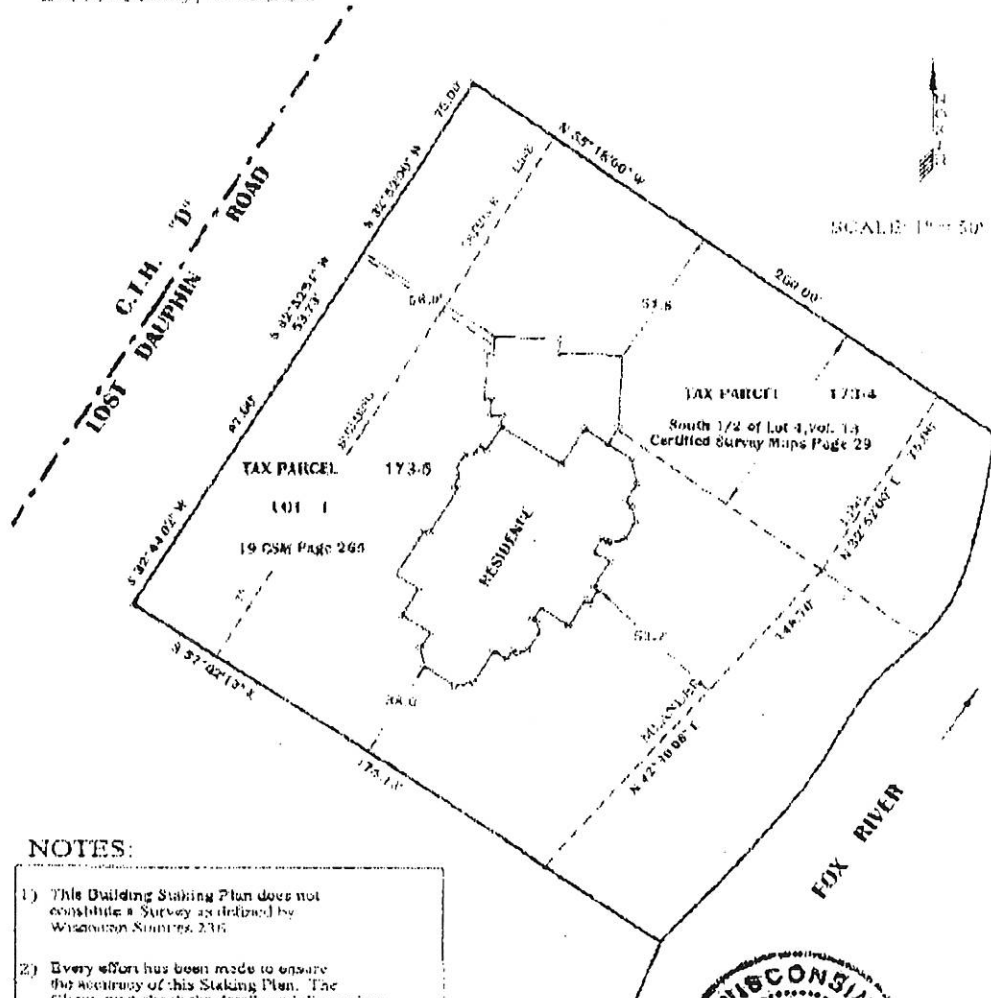
For

Randy Vandenack
Planning/Zoning Board President

JOB #: HS 201132K

BUILDING STAKING PLAN**DESCRIPTION:**

All of Lot 1 of Vol. 19 CSM Page 265 and the South 1/2 of Lot 4 Vol. 13 CSM Page 29 located in part of Govt Lot 2 Section 5, T 22 N, R 20 E, Town of Lawrence, Brown County, Wisconsin

**NOTES:**

- 1) This Building Staking Plan does not constitute a Survey as defined by Wisconsin Statutes 235.
- 2) Every effort has been made to ensure the accuracy of this Staking Plan. The Client must check the details and dimensions for their correctness and be responsible for same.

PREPARED BY:**BENCHMARK SURVEYING**

163 Custer Court
Green Bay, WI. 54301
Tele. (920) 336-8833

John M. Montgomery
JOHN M. MONTGOMERY S-2213

Date: February 20, 2001



THIS BUILDING STAKING
PLAN HAS BEEN SUBMITTED
TO AND APPROVED BY:

Jin Kassner Construction

*Info on
J. the Boat
CSM on
Lost Dauphin*

FEB-21-2001 00:01 FROM

BROWN COUNTY

TO

7621 7621

SURVEY

Brown County

305 EAST WALNUT STREET
P.O. BOX 23600
GREEN BAY, WISCONSIN 54305-3600

Post-it Fax Note	7621	Date	
To	JACK MONTGOMERY	From	JIM WALLEN
Co. Insp.		Co.	
Phone #		Phone #	
Fax #	336-8833	Fax #	

COUNTY SURVEYOR

Surveyor (920) 440-6222
Property Listing (920) 448-4496
Microfilm (920) 448-4494
Fax (920) 448-4487

MEMO

2/21/2001

TO: JACK MONTGOMERY
FROM: JIM WALLEN
BROWN COUNTY PROPERTY LISTER
RE: COMBINATION OF L-173-4 & L-173-5

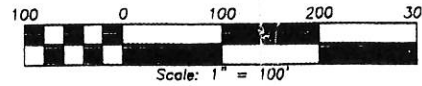
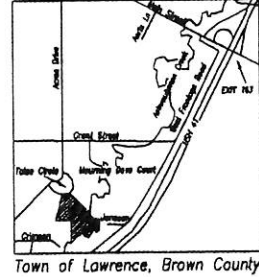
Per your request, this memo confirms that Brown County will be combining parcels L-173-4 and L-173-5 for the 2002 assessment roll. L-173-5 will be the parent parcel with L-173-4 being removed from our rolls. By law, when several parcels are so improved or built upon which renders the parcels incapable of separate assessment, our office must combine them. According to the builder (James Kassner) this is will be the case for the proposed house on these parcels. As I mentioned, this condition meets the requirements for Brown County to combine. The town of Lawrence may have other more restrictive requirements that need to be met? Additionally I have informed the local assessor of this action and that it will occur for 2002. I hope this helps clear up any confusion.

TOTAL P.01

- A PRELIMINARY PLAT OF - ROLLING HILLS ESTATES, FIRST ADDITION

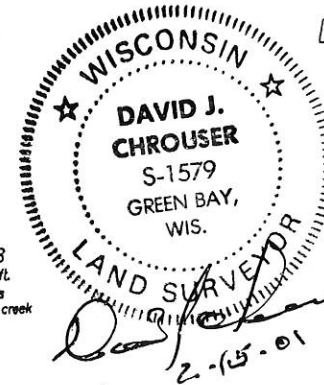
Part of the Northwest $\frac{1}{4}$ of the Southwest $\frac{1}{4}$ of Section 29, T23N-R20E, and all of Lots 10, 11 & 12 of the recorded plat of "Rolling Hills Estates" (Volume 16, Plats, page 151, Brown County Records), said plat being located in parts of the Northwest $\frac{1}{4}$ of the Northwest $\frac{1}{4}$, the Northwest $\frac{1}{4}$ of the Southwest $\frac{1}{4}$, and all of the Southwest $\frac{1}{4}$ of the Northwest $\frac{1}{4}$ of Section 29, T23N-R20E, and part of the Northeast $\frac{1}{4}$ of the Northeast $\frac{1}{4}$ and the Southeast $\frac{1}{4}$ of the Northeast $\frac{1}{4}$ of Section 30, T23N-R20E, all being in the Town of Lawrence, Brown County, Wisconsin

Location Sketch



APPROVING / OBJECTING AGENCIES:

Brown County Planning Commission
City of DePere
Town of Lawrence
Department of Commerce



OWNER / DEVELOPER:

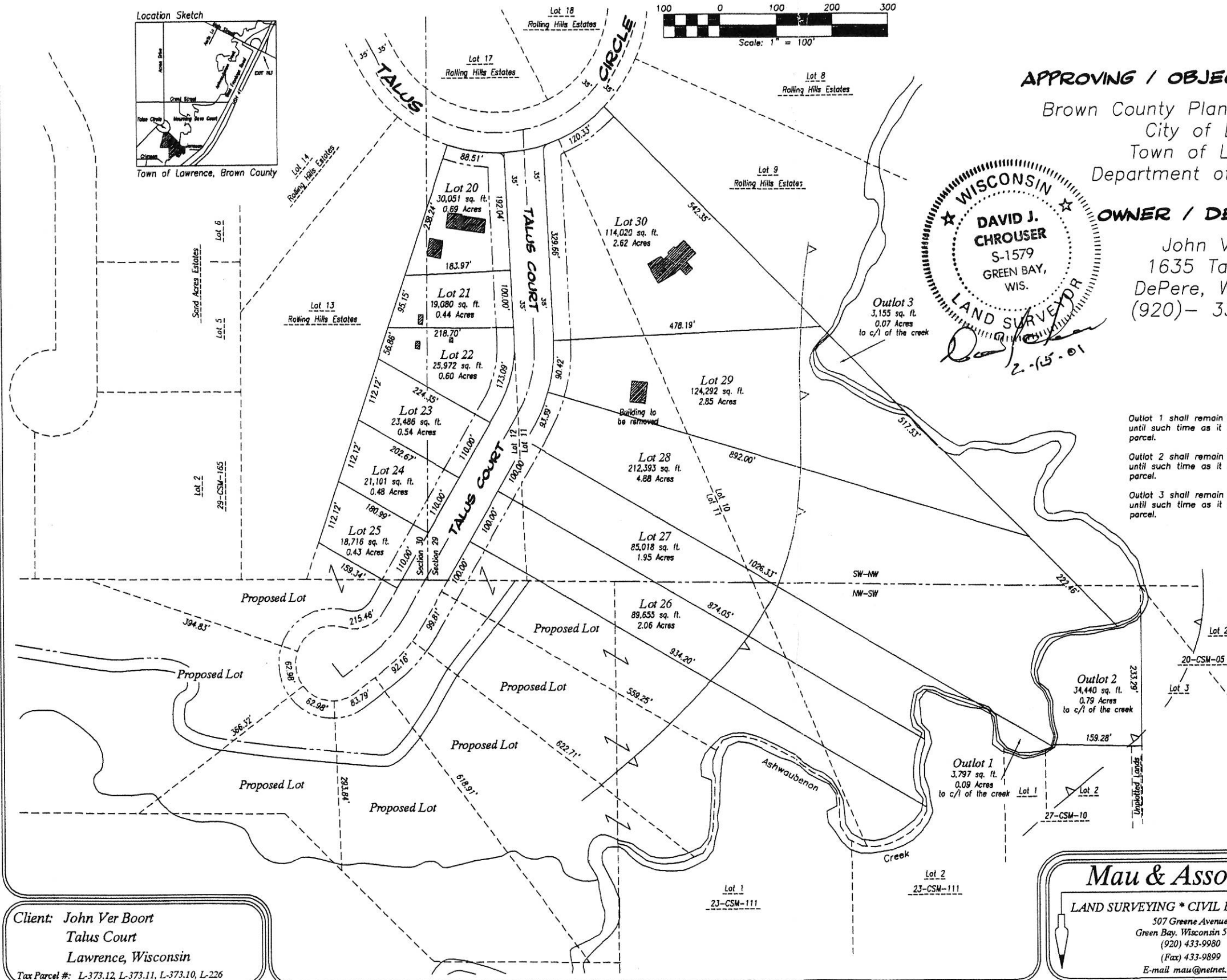
John VerBoort
1635 Talus Circle
DePere, WI 54115
(920)- 336- 8732

Outlot 1 shall remain in perptuity with Lot 27 until such time as it is attached to an adjoining parcel.
Outlot 2 shall remain in perptuity with Lot 28 until such time as it is attached to an adjoining parcel.
Outlot 3 shall remain in perptuity with Lot 29 until such time as it is attached to an adjoining parcel.



Bearings referenced to the West line of the Northwest $\frac{1}{4}$ of Section 29, T23N-R20E, assumed to be N00°17'33"E.

SCALE: 1" = 100'



Client: John Ver Boort
Talus Court
Lawrence, Wisconsin

Tax Parcel #: L-373.12, L-373.11, L-373.10, L-226

Mau & Associates

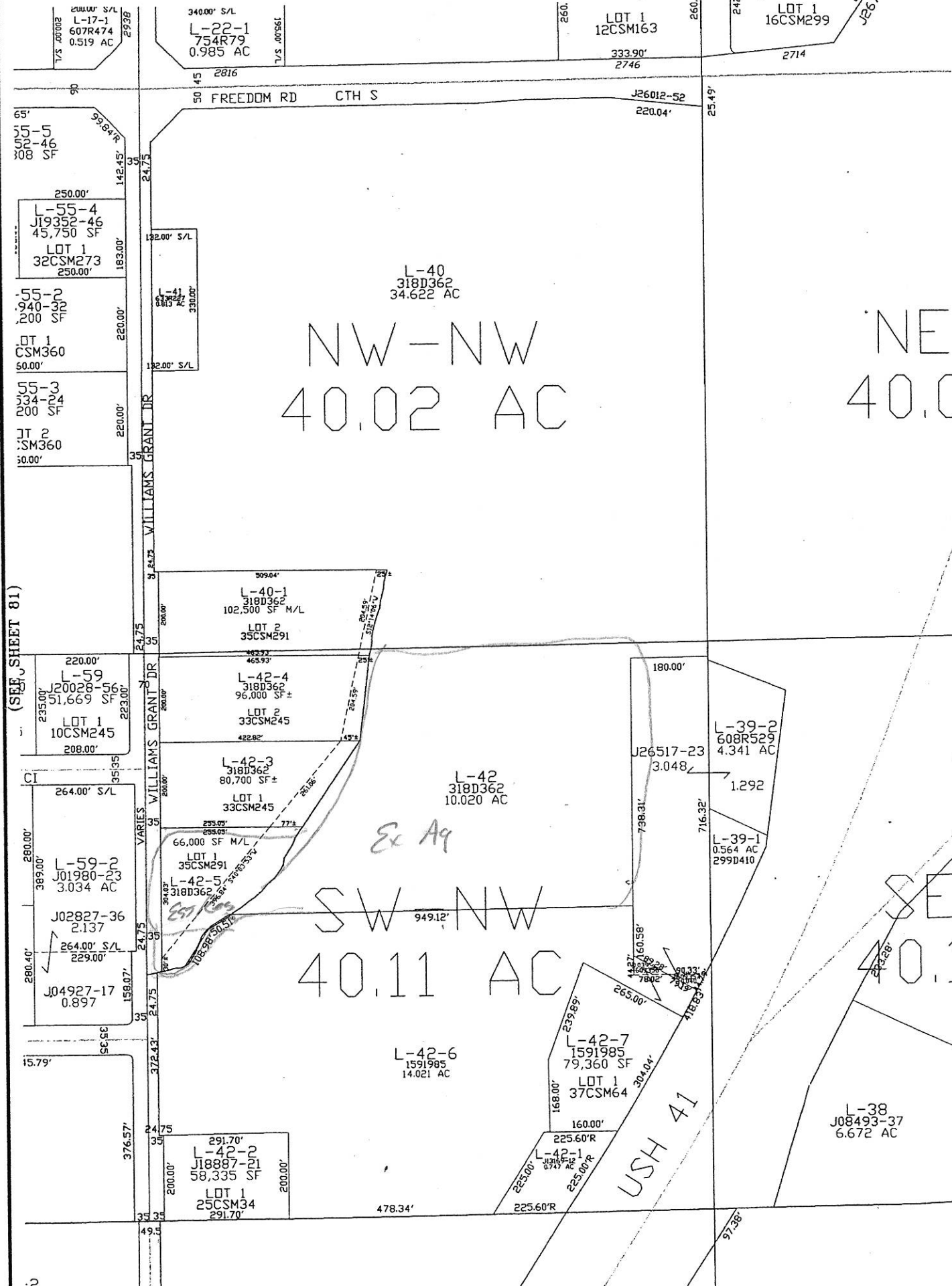
LAND SURVEYING * CIVIL ENGINEERING

507 Greene Avenue
Green Bay, Wisconsin 54301
(920) 433-9980
(Fax) 433-9899
E-mail mau@netnet.net

DATE DRAFTED: December 13, 2000
PROJECT NO. V-2201
AUTOCAD DRAWING NO. V-2201
DRAFTED BY: BAR

SHEET NO. 1 OF 1
DRAWING NO. P-1566

(SEE SHEET 72)



(SEE SHEET 81)

(SEE SHEET 79)

TELECORP

SITE MIL-107C VERIZON-TURRIFF RAW LAND (9) NEW ANTENNAS @ 160'-0" CO-LOCATED ON NEW 180'-0" MONOPOLE TOWER AND BTS EQUIPMENT ON EQUIPMENT SUPPORT

SHEET INDEX

SHT. NO.	DESCRIPTION
T-1	TITLE SHEET
LS-1	SITE SURVEY
A-1	SITE PLAN
A-2	ENLARGED SITE PLAN
A-3	ELEVATION & ANTENNA DETAILS
A-4	ANTENNA CABLE DETAILS
A-5	SITE DETAILS
A-6	ASP PLATFORM & DETAILS
E-1	ELECTRICAL/TELCO SITE PLAN & SINGLE LINE
EG-1	ANTENNA GROUNDING DETAILS
EG-2	GROUNDING DETAILS

PROJECT SUMMARY

SITE NUMBER: MIL-107C
SITE NAME: VERIZON-TURRIFF RAW LAND
SITE ADDRESS: 2609 LAWRENCE DRIVE
DE PERE, WI. 54115
PROPERTY OWNER & CONTACT: SCOTT TURRIFF
2609 LAWRENCE DRIVE
DE PERE, WI. 54115
PHONE: (920)-337-9968
APPLICANT: TELECORP REALTY LLC.
922 N. TOWER DRIVE
SUITE #100
CAP, WI. 54942
OFFICE: (920) 757-1495
FAX: (920) 757-1613
ZONING TYPE: M-1
ZONING JURISDICTION: LAWRENCE
APPLICABLE BUILDING CODES: DEPARTMENT OF COMMERCE
CODE SECTIONS 50-64
PARCEL NUMBER: L-480-2

PROJECT DESCRIPTION

- (6) NEW & (3) FUTURE TELECORP ANTENNAS TO BE CO-LOCATED AT ELEV. 160'-0" ON NEW 180'-0" MONOPOLE
- NEW BTS EQUIPMENT MOUNTED ON NEW ASP PLATFORM WITHIN LEASE AREA AT GROUND LEVEL
- COAXIAL CABLE FROM ANTENNAS TO EQUIPMENT ON TOWER SUPPORTED BY ICEBRIDGE WITH SUPPORT POSTS
- 120/240V, 200A, 1Ø, 3W ELECTRICAL SERVICE WITH NEW METER & DISCONNECT IN NEMA 3R ENCLOSURE

TELECORP REALTY LLC



WHALEN & COMPANY, INC.
922 N. TOWER DR. Suite# 100
GREENVILLE, WI. 54942
Tel. (920) 757-1495
Fax (920) 757-1613



Fullerton Eng. Consultants, Inc.
1456 West Fullerton Avenue
Chicago, Illinois 60614
Tel. 773-525-3003
Fax 773-665-1582

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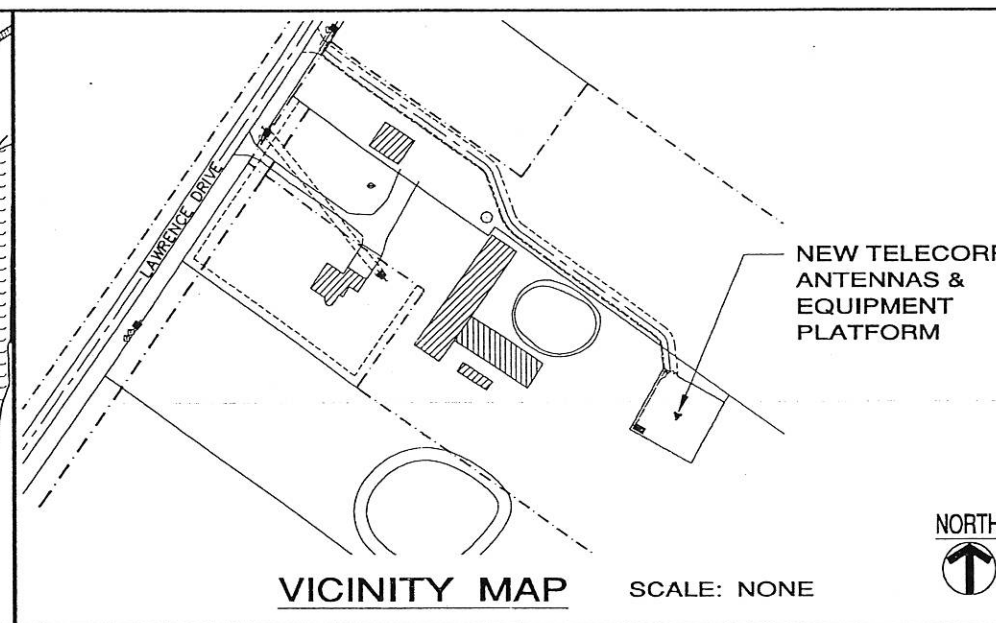
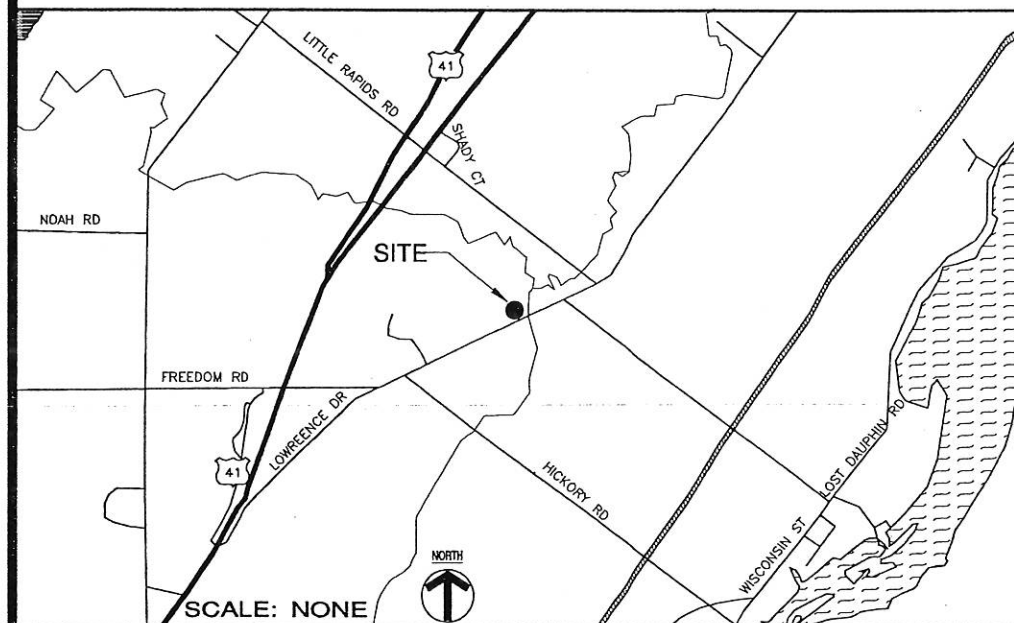
TELECORP/WHALEN & CO. APPROVALS:	
LEASING	DATE
ZONING	DATE
WHALEN CONST.	DATE
RF TELECORP	DATE
TELECORP CONST.	DATE
LUCENT TECHNOLOGY	DATE
OWNER'S APPROVAL	DATE

PROJECT NO: MIL-107C

DESIGNED BY: Reginald D. Johnson

DRAWN BY: Djenita Imamovic

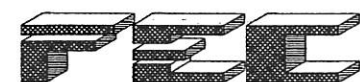
CHECKED BY: Matt Bellagamba



DRIVING DIRECTIONS:

FROM TELECORP OFFICE: TAKE HWY 41 TOWARDS GREEN BAY. EXIT157 HEADING EAST TURN ON LAWRENCE DRIVE HEAD NORTH.
SITE IS APPROX. 2 MILES NORTH.

PROJECT TEAM



Fullerton Engineering Consultants, Inc.
1456 West Fullerton Avenue
Chicago, Illinois 60614
Tel. 773-525-3003
Fax 773-665-1582

ARCHITECT/ENGINEER



LINCOLN OFFICE

1232 High Street, Suite 3
Lincoln, NE 68502
Phone: 1(402)441-5790
Fax: 1(402)441-5791

SURVEYOR

ARCHITECT'S LICENSE

I CERTIFY THAT THESE DRAWINGS WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND CONTROL AND TO THE BEST OF MY KNOWLEDGE AND BELIEF COMPLY WITH THE REQUIREMENTS OF THE LOCAL BUILDING CODE.

LICENSED ARCHITECT - STATE OF WISCONSIN

EXPIRES: _____ SIGNED: _____

MIL-107C
VERIZON-TURRIFF RAW LAND
MONOPOLE
2609 LAWRENCE DRIVE
DE PERE, WI. 54115
CO-LOCATION

SHEET TITLE
TITLE
SHEET

SHEET NUMBER
T-1

LEGEND

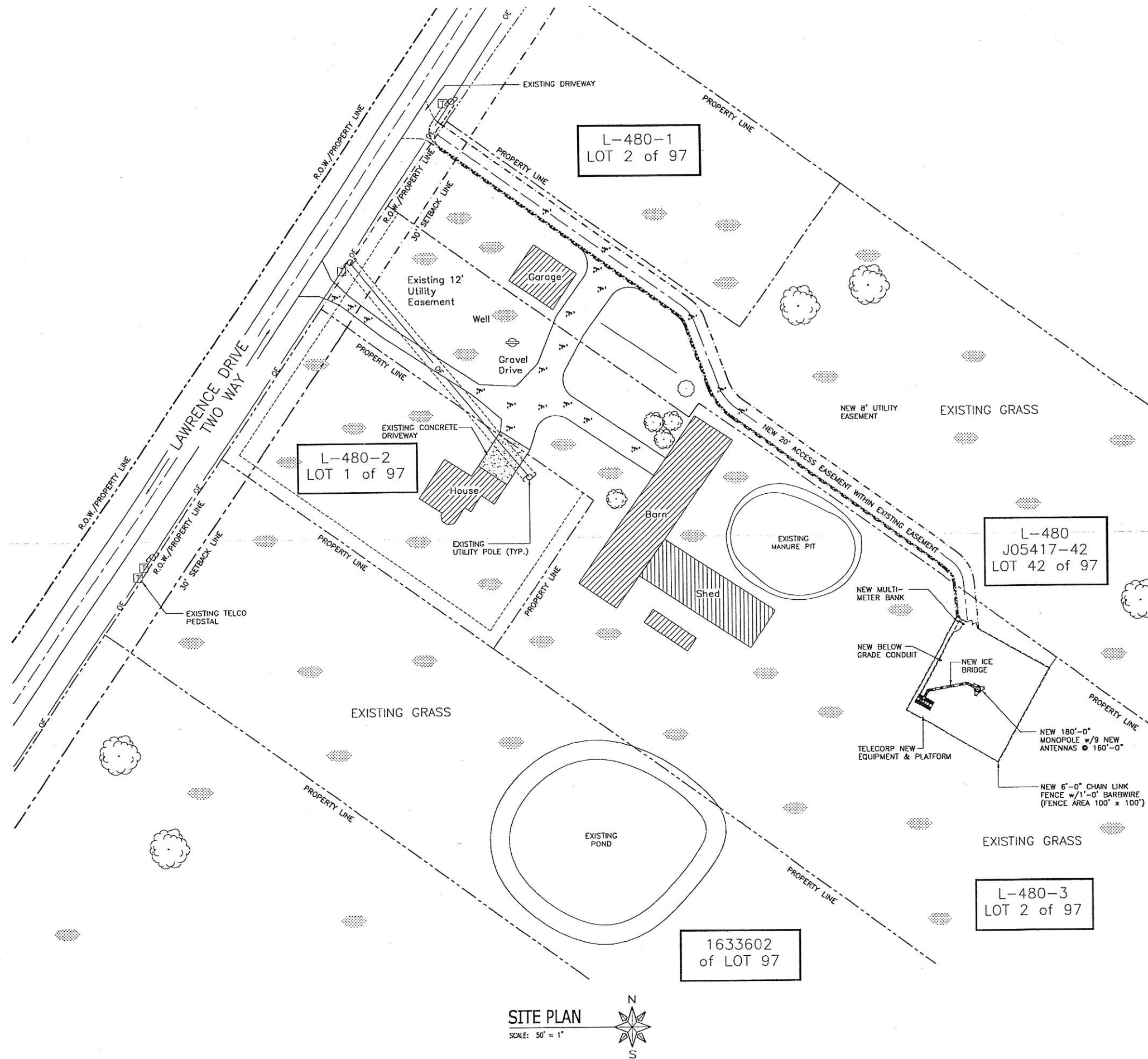
	SPOT ELEVATION
	REVISION
	SECTIONS & DETAILS
	BRICK
	MASONRY
	CONCRETE
	EARTH
	GRAVEL
	SAND
	GRASS
	STEEL
(E)=EXISTING	(N)=NEW
	PROPERTY LINE & RIGHT-OF-WAY
	LEASE AREA LINE
	EASEMENT LINE
	STOCKADE FENCE
	CHAIN-LINK FENCE
	SPOT ELEVATION
	CONTOUR
	TREE
	UTILITY POLE
	BURIED UTILITIES
	OVERHEAD UTILITIES
	BUILDING LINE

ABBREVIATIONS

ADJ. ADJUSTABLE	NIC. NOT IN CONTRACT
A.M.S.L. ABOVE MEAN SEA LEVEL	NTS. NOT TO SCALE
APPROX. APPROXIMATE	OC. ON CENTER
AZ. AZIMUTH	OE. OVERHEAD ELECTRIC
CAB. CABINET	OT. OVERHEAD TELCO
CLG. CEILING	OPP. OPPOSITE
CONC. CONCRETE	RGS. RIGID GALVANIZED STEEL
CONT. CONTINUOUS	SF. SQUARE FOOT
CJ. CONSTRUCTION JOINT	SH. SHEET
DIA. DIAMETER	SS. STAINLESS STEEL
DWG. DRAWING	STL. STEEL
EGB. EQUIPMENT GROUND BAR	TOC. TOP OF CONCRETE
EA. EACH	TOM. TOP OF MASONRY
ELEC. ELECTRICAL	TYP. TYPICAL
ELEV. ELEVATION	UE. UNDERGROUND ELECTRIC
EMT. ELECTRIC METALLIC TUBING	UT. UNDERGROUND TELCO
EQ. EQUAL	UON. UNLESS OTHERWISE NOTED
EQUIP. EQUIPMENT	W.P. WORK POINT
EXT. EXTERIOR	W/F. WELDED WIRE FABRIC
FF. FINISHED FLOOR	W/ TRANSFORMER
FND. FOUNDATION	W/ BASE TRANSMISSION
GA. GAUGE	PCS. PERSONAL COMMUNICATIONS SERVICES
GALV. GALVANIZED	PPC. POWER PROTECTION
GC. GENERAL CONTRACTOR	MINI. CABINET
GND. GROUND	A-1. DWG. NUMBER
LG. LONG	EL. CENTERLINE
MAX. MAXIMUM	EL. PLATE
MECH. MECHANICAL	(N). NEW
MFC. MANUFACTURER	NAD 83. NORTH AMERICAN DATUM OF 1983
MGB. MASTER GROUND BAR	NGVD 29. NATIONAL GEODETIC VERTICAL DATUM OF 1929
MIN. MINIMUM	
MTL. METAL	
(N). NEW	
NAD 83. NORTH AMERICAN DATUM OF 1983	
NGVD 29. NATIONAL GEODETIC VERTICAL DATUM OF 1929	

PROJECT INFORMATION

- 1.) PROJECT BENCHMARK: SEE SURVEY DRAWING PS-1.
- 2.) EXISTING TOWER LOCATION: LATITUDE NORTH: 42°-39'-51.03" (NAD 83) LONGITUDE WEST: 88° 32' 05.44" (NAD 83)
- 3.) ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES, LATEST CODE EDITIONS AND REGULATIONS.
- 4.) THE CONTRACTOR IS COMPLETELY RESPONSIBLE FOR CONTAINMENT OF SEDIMENT AND CONTROL OF EROSION ON SITE. ANY DAMAGE TO ADJACENT OR DOWNSTREAM PROPERTIES WILL BE CORRECTED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.
- 5.) THE CONTRACTOR IS TO MAINTAIN ADEQUATE DRAINAGE AT ALL TIMES. DO NOT ALLOW WATER TO STAND OR POND. ANY DAMAGE TO STRUCTURES OR WORK ON THE SITE CAUSED BY INADEQUATE MAINTENANCE OF DRAINAGE PROVISIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND ANY COST ASSOCIATED WITH REPAIRS FOR SUCH DAMAGE WILL BE AT THE CONTRACTOR'S EXPENSE.
- 6.) ALL WASTE MATERIAL SHALL BE PROPERLY DISPOSED OF OFF-SITE OR AS DIRECTED BY THE CONSTRUCTION MANAGER AND IN ACCORDANCE WITH LOCAL JURISDICTIONAL RULES.
- 7.) SEED AND MULCH ALL DISTURBED AREAS NOT COVERED BY OTHER MATERIALS IN ACCORDANCE WITH THE SPECIFICATIONS.
- 8.) THE CONTRACTOR IS TO VERIFY THAT ALL EXISTING TOPOGRAPHY AND HORIZONTAL GEOMETRY IS AS INDICATED ON THESE DRAWINGS. THE CONTRACTOR IS TO ESTABLISH THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES AND SERVICES. IMMEDIATELY NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES OR INTERFERENCES WHICH AFFECT THE WORK OF THIS CONTRACT.
- 9.) THE CONTRACTOR SHALL BE RESPONSIBLE TO CORRECT ALL DAMAGE TO THE HOST PROPERTY SUBSEQUENT TO THE INSTALLATION OF THE ABOVE/BELOW GRADE POWER AND TELCO LINES.



TELECOP REALTY LLC



WHALEN & COMPANY, INC.
922 N. TOWER DR. Suite# 100
GREENVILLE, WI. 54942
Tel. (920) 757-1495
Fax (920) 757-1613



Fullerton Eng. Consultants, Inc.
1456 West Fullerton Avenue
Chicago, Illinois 60614
Tel. 773-525-3003
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TELECOP/WHALEN & CO. APPROVALS:

LEASING	DATE
ZONING	DATE
WHALEN CONST.	DATE
RF TELECORP	DATE
TELECOP CONST.	DATE
LUCENT TECHNOLOGY	DATE
OWNER'S APPROVAL	DATE

PROJECT NO: MIL-107C

DESIGNED BY: Reginald D. Johnson

CHECKED BY: Matt Bellagamba

No.	Revision/Issue	Date
A	ISSUED FOR 90% REVIEW	02/01/01

MIL-107C
VERIZON-TURRIFF RAW LAND
MONOPOLE
2609 LAWRENCE DRIVE
DE PERE, WI. 54115
CO-LOCATION

SHEET TITLE
SITE
PLAN

SHEET NUMBER
A-1

EXISTING GRASS

EXISTING GRASS

EXISTING GRASS

NEW 20' ACCESS
& UTILITY EASEMENT

NEW DOUBLE SWING
GATE 12'-0" WIDE

NEW ELECTRICAL
MULTI-METER BANK
SEE DWG. E-1

NEW BELOW GRADE UTILITY
CONDUIT APPROX. RUN = 94'-0"

NEW ICE BRIDGE
FURNISHED BY OTHERS
INSTALLED BY CONTRACTOR
APPROX. LENGTH = 60'-0"

NEW TELECORP H-FRAME
FURNISHED & INSTALLED
BY CONTRACTOR

9 NEW TELECORP
ANTENNAS & PLATFORM
FURNISHED BY OTHERS
INSTALLED BY CONTRACTOR

NEW ASP PLATFORM
FURNISHED BY OTHERS
INSTALLED BY CONTRACTOR

NEW TELECORP EQUIPMENT
FURNISHED & INSTALLED
BY LUCENT

NEW GRAVEL
AREA

NEW 6'-0" CHAIN LINK
FENCE w/1'-0" BARB WIRE

ENLARGED SITE PLAN

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



L-480
J05417-42
LOT 42 of 97

L-480-3
LOT 2 of 97

TELECORP
REALTY
LLC



WHALEN & COMPANY, INC.
922 N. TOWER DR. Suite# 100
GREENVILLE, WI. 54942
Tel. (920) 757-1495
Fax (920) 757-1613



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1456 West Fullerton Avenue
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(DRAWINGS) WITHOUT THE EXPRESSED
WRITTEN CONSENT OF FULLERTON ENG.
CONSULTANTS, INC. IS PROHIBITED.

TELECORP/WHALEN & CO. APPROVALS:

LEASING	DATE
ZONING	DATE
WHALEN CONST.	DATE
RF TELECORP	DATE
TELECORP CONST.	DATE
LUCENT TECHNOLOGY	DATE
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PROJECT NO: MIL-107C

DESIGNED BY: Reginald D. Johnson

DRAWN BY: Djenita Imamovic

CHECKED BY: Matt Bellagamba

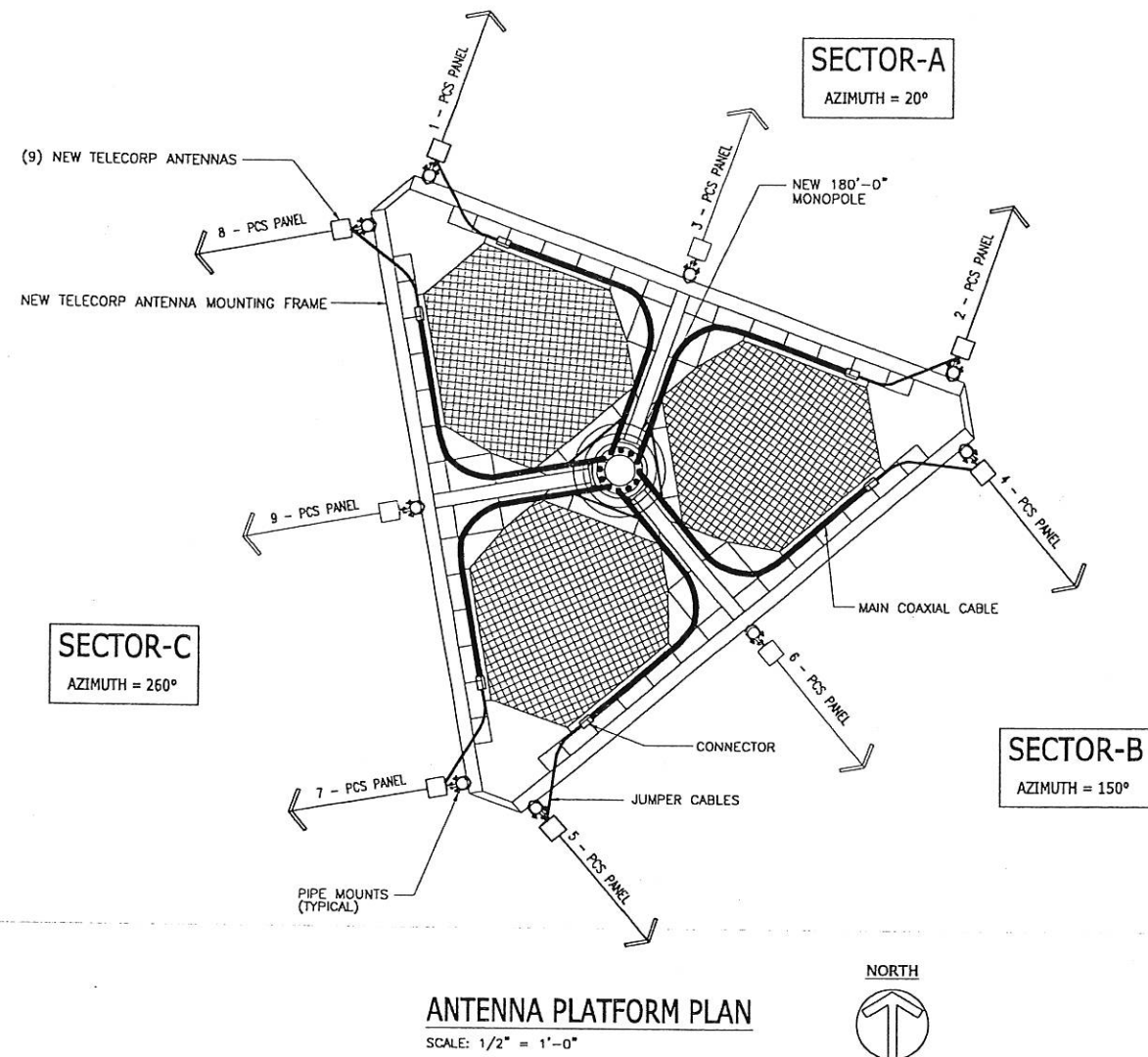
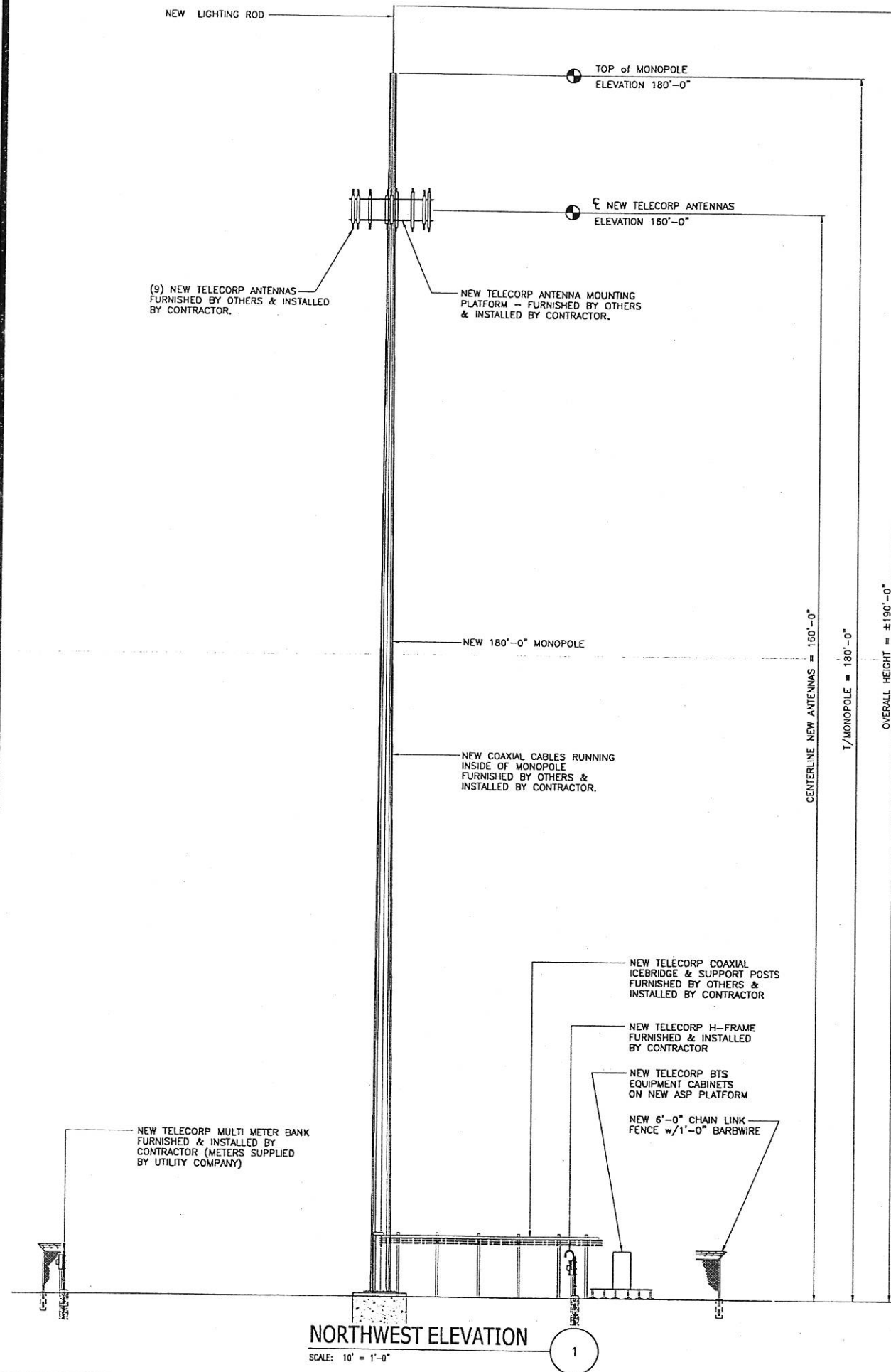
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MIL-107C
VERIZON-TURRIF RAW LAND
MONOPOLE
2609 LAWRENCE DRIVE
DE PERE, WI. 54115
CO-LOCATION

SHEET TITLE
ENLARGED
SITE PLAN

SHEET NUMBER

A-2



	ANTENNA TYPE	SECTOR "A" (ALPHA)				SECTOR "B" (BETA)				SECTOR "C" (GAMMA)					
		APL199016-42T2				APL196516-42T2				APL199014-42T2					
		FROM/TO	AZIMUTH 30°	DOWNTILT = 0°		AZIMUTH 150°	DOWNTILT = 0°		AZIMUTH 270°	DOWNTILT = 0°					
			COAXIAL CABLE TYPE/SIZE	LENGTH (FT) *		COAXIAL CABLE TYPE/SIZE	LENGTH (FT) *		COAXIAL CABLE TYPE/SIZE	LENGTH (FT) *					
			Tx0/Rx0		Rx1		Tx0/Rx0		Rx1		Tx0/Rx0		Tx2		Rx1
CABLE SIZE AND LENGTH	ANTENNA TO MAU BOX (UPPER JUMPER)	1/2"	3		3	1/2"	3		3	1/2"	3				3
	(AMPLIFIER) MAU BOX TO MAIN COAXIAL CABLE	1/2"	6		6	1/2"	6		6	1/2"	6				6
	MAIN COAXIAL CABLE	1 5/8"	220		220	1 5/8"	220		220	1 5/8"	220				220
	MAIN COAXIAL CABLE TO EQUIPMENT (LOWER JUMPER)	1/2"	6		6	1/2"	6		6	1/2"	6				6
ANTENNA CENTER LINE HEIGHT			160'-0"				160'-0"				160'-0"				

NOTES:

- * ESTIMATED LENGTHS FROM AVAILABLE INFORMATION.
- 1. TYPES AND SIZES OF THE ANTENNA CABLES ARE BASED ON THE ESTIMATED LENGTH OF THE CABLES. CONTRACTOR TO VERIFY THE ACTUAL LENGTHS IN THE FIELD BEFORE INSTALLATION AND NOTIFY THE FIELD ENGINEER FOR VERIFICATION OF SIZES OF THE CABLES.
- 2. FIELD ENGINEER TO UPDATE THE LENGTH OF CABLES ON AS-BUILT DRAWINGS.
- 3. THE DOWNTILT BRACKETS SHOULD BE INSTALLED WITH 0° MECHANICAL DOWNTILT AS THE INITIAL SETTING.
- 4. EACH COAXIAL CABLE SHALL BE SUPPORTED WITH KELLEM GRIP HUNG FROM A J-HOOK AT ANTENNA LOCATIONS.
- 5. JUMPERS SHALL BE SUPPORTED EVERY 18" WITH SS HANGERS AND STANDS-OFFS AS REQUIRED.

TYPICAL ANTENNA CABLE CONFIGURATION

**TELECORP
REALTY
LLC**



WHALEN & COMPANY, INC.
922 N. TOWER DR. Suite# 100
GREENVILLE, WI. 54942
Tel. (920) 757-1495
Fax (920) 757-1613



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1456 West Fullerton Avenue
Chicago, Illinois 60614
Tel. 773-525-3003
Fax 773-665-1582

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ZONING	DATE
WHALEN CONST.	DATE
RF TELECORP	DATE
TELECORP CONST.	DATE
LUCEMT TECHNOLOGY	DATE
OWNER'S APPROVAL	DATE

PROJECT NO: MIL-107C

DESIGNED BY: Reginald D. Johnson

DRAWN BY: Mario G. Lopez

CHECKED BY: Matt Bellagamba

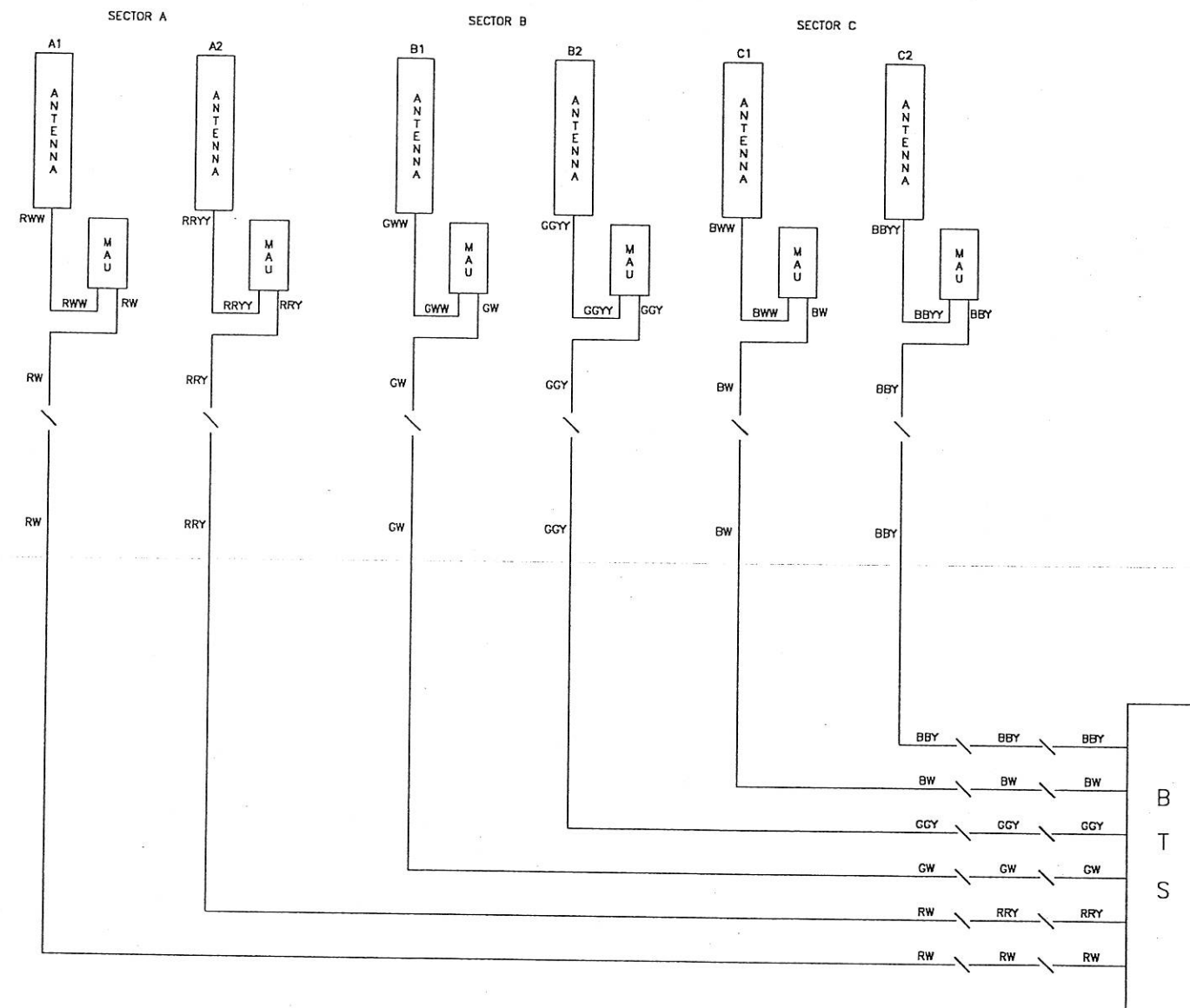
A	ISSUED FOR 90% REVIEW	02/01/01
No.	Revision/Issue	Date

MIL-107C
VERIZON-TURRIFF RAW LAND
MONOPOLE
2609 LAWRENCE DRIVE
DE PERE, WI. 54115
CO-LOCATION

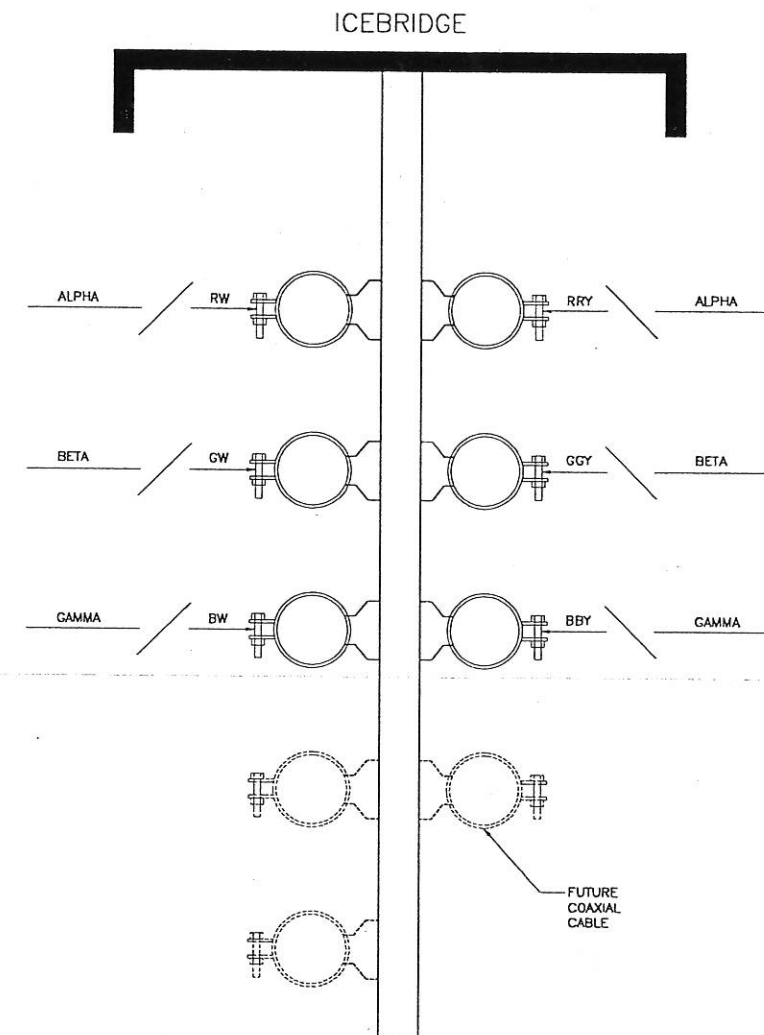
SHEET TITLE
**ELEVATION &
ANTENNA DETAILS**

SHEET NUMBER

A-3



TYPICAL ANTENNA INSTALLATION
SCALE: NONE



NOTES:

1. KEY:
R - RED
G - GREEN
B - BLUE
W - WHITE
Y - YELLOW
2. COLOR BANDS:
a. 1" BETWEEN COLORS.
b. 1" WIDE WITH 1" SPACING.
c. 2" BEYOND WEATHERPROOFING.
d. 2" WIDE ON MAINLINE.
3. START SECTOR COLOR NEXT TO END CONNECTOR.
4. TAG ALL MAIN CABLES AT TWO (2) LOCATIONS:
a. AT ANTENNAS
b. AT GROUND NEAR THE EQUIPMENT

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PROJECT NO: MIL-107C

DESIGNED BY: Reginald D. Johnson

DRAWN BY: Reginald D. Johnson

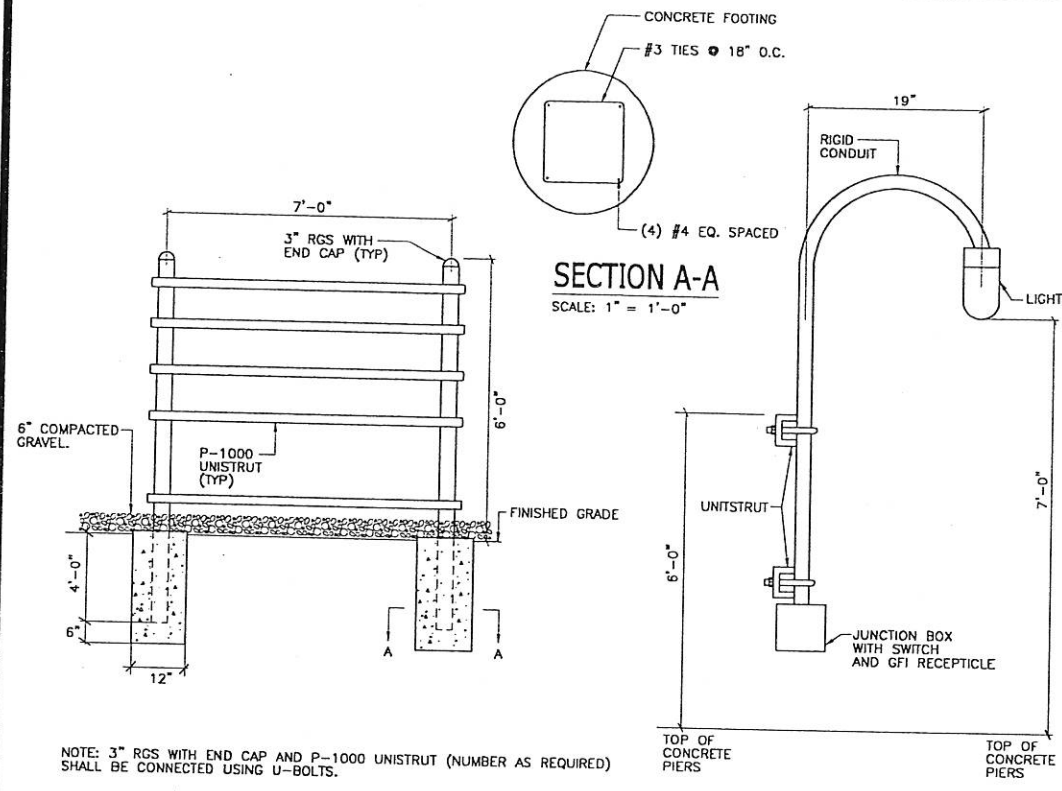
CHECKED BY: Malt Bellogamba

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No.	Revision/Issue	Date

MIL-107C
VERIZON-TURRIFF RAW LAND
MONOPOLE
2609 LAWRENCE DRIVE
DE PERE, WI. 54115
CO-LOCATION

SHEET TITLE
ANTENNA CABLE
DETAILS

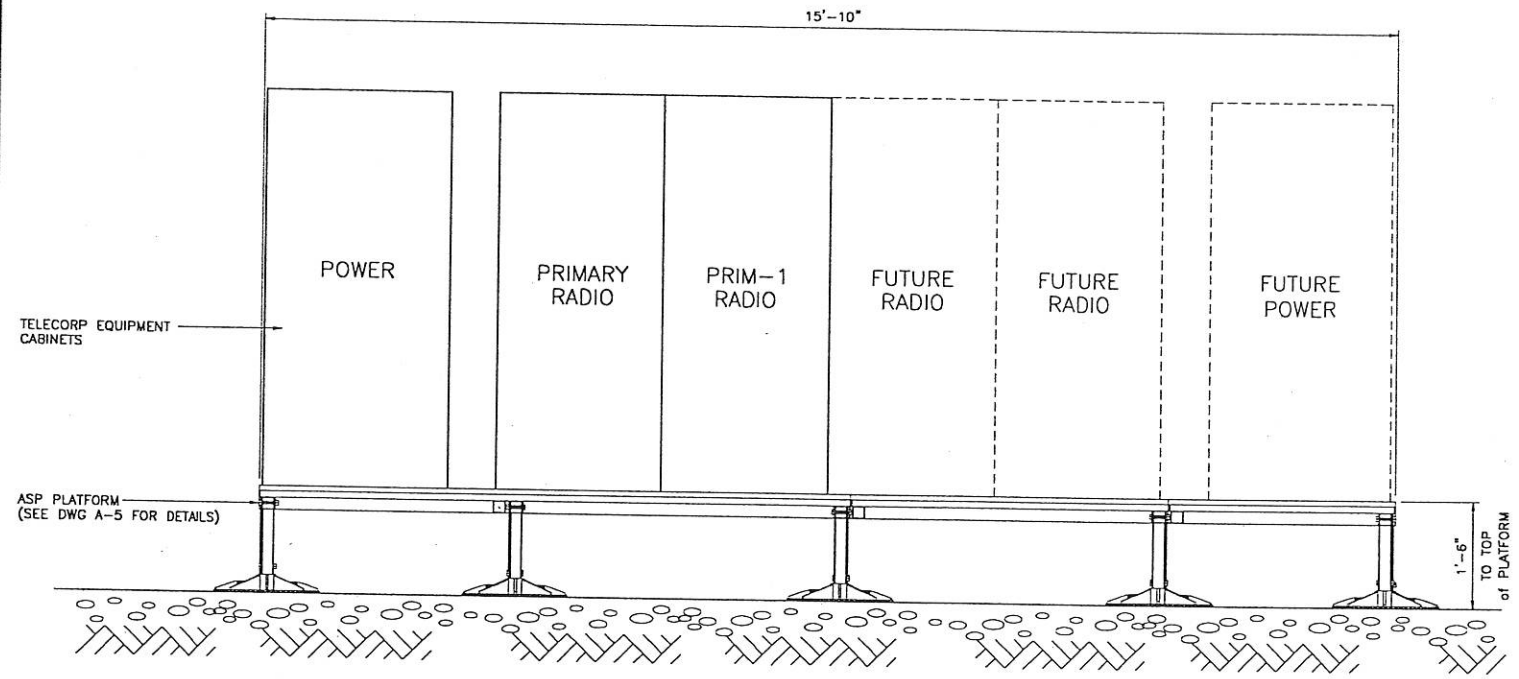
SHEET NUMBER
A-4



ELEVATION
SCALE: NONE

LIGHT DETAIL
SCALE: NONE

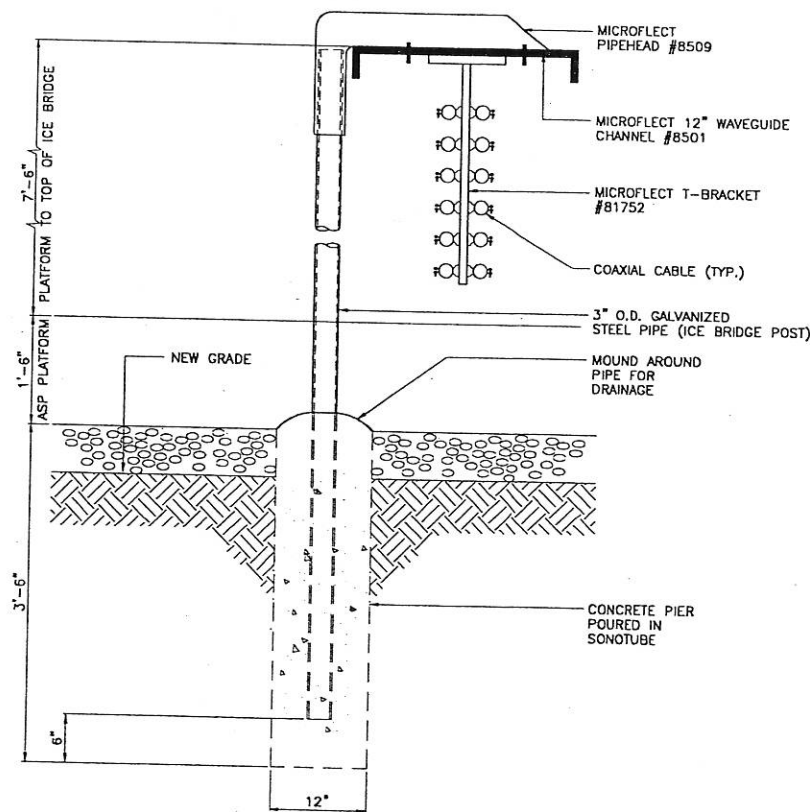
1 PPC AND TELCO RACK



ELEVATION OF PLATFORM

SCALE: NONE

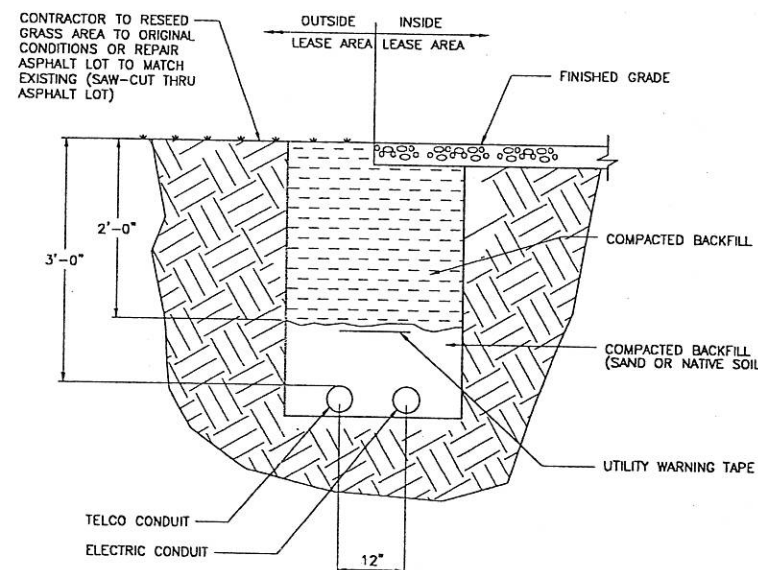
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ICEBRIDGE DETAIL

SCALE: NONE

3



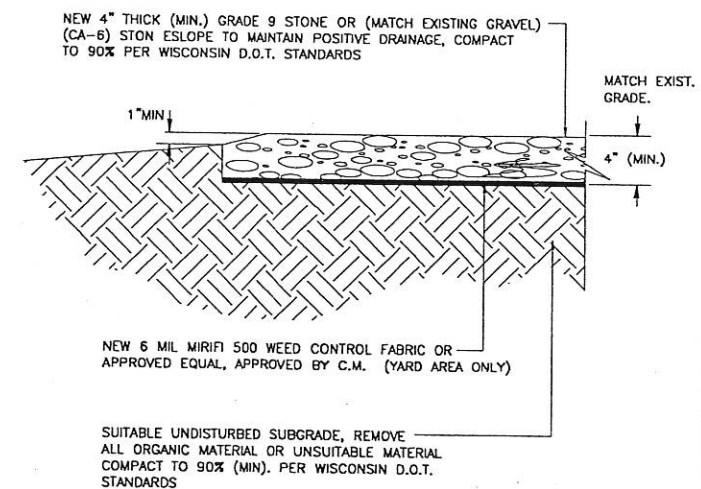
* CONTRACTOR TO CALL WISCONSIN ONE CALL HOTLINE (1-800-242-8511) 72 HRS PRIOR TO EXCAVATING FOR UNDERGROUND UTILITY LOCATIONS.

* CONTRACTOR TO VERIFY LOCAL UTILITY REQUIREMENTS FOR DEPTH, SIZE & SEPARATION OF CONDUITS PRIOR TO INSTALLATION. NOTIFY CONSTRUCTION MANAGER IMMEDIATELY OF ANY DISCREPANCIES.

UTILITY BELOW GRADE TRENCH DETAIL

SCALE: NONE

4



NOTE:
WEED CONTROL FABRIC SHALL BE USED UNDER ENTIRE LEASE AREA. CONTRACTOR SHALL INSTALL FABRIC PER MFG. RECOMMENDATIONS.

YARD DETAIL

SCALE: NONE

5

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PROJECT NO: MIL-107C

DESIGNED BY: Reginald D. Johnson

DRAWN BY: Reginald D. Johnson

CHECKED BY: Malt Bellagamba

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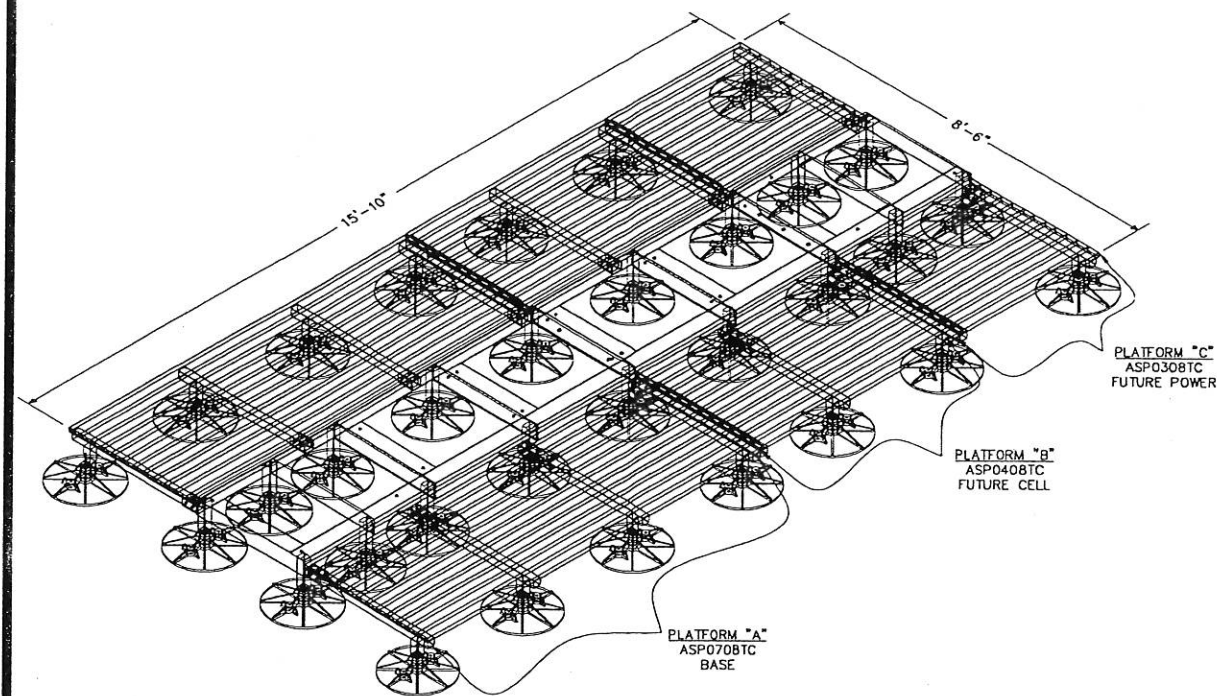
**MIL-107C
VERIZON-TURRIFF RAW LAND
MONOPOLE
2609 LAWRENCE DRIVE
DE PERE, WI. 54115
CO-LOCATION**

SHEET TITLE

**SITE
DETAILS**

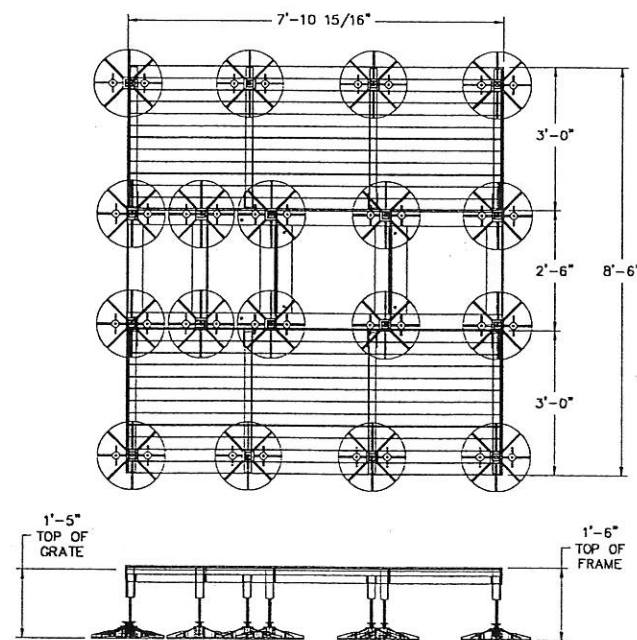
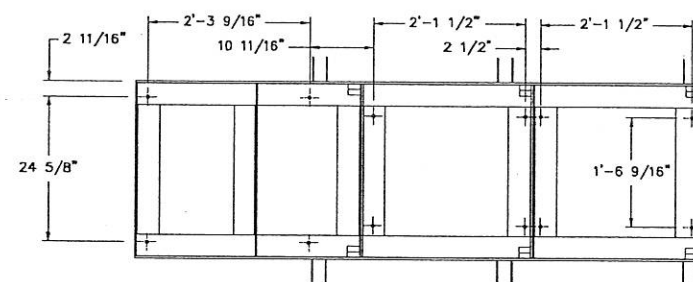
SHEET NUMBER

A-5



SUPPORT PLATFORM ASSEMBLY

SCALE: NONE

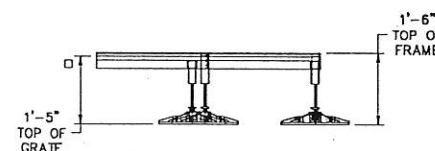
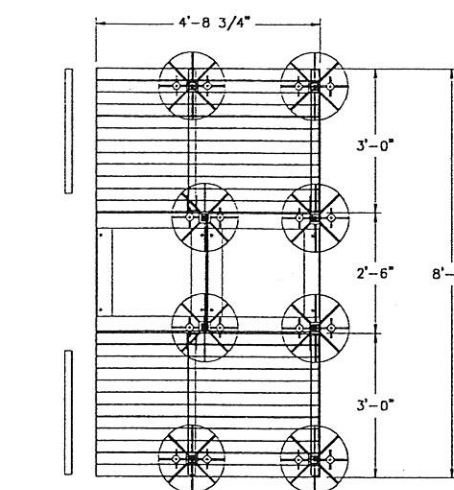


PLATFORM "A"

SCALE: NONE

NOTE:

BASIC PLATFORM SYSTEM CAN ONLY ACCOMMODATE 3 CABINETS. IT IS DESIGNED TO BE EXPANDED FROM ONE END BY USING THE FOLLOWING PLATFORM EXTENSIONS: PART #ASP-0408TC & #ASP-0308TC WHEN ADDITIONAL CABINETS ARE NEEDED.

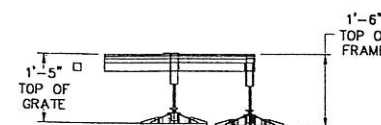
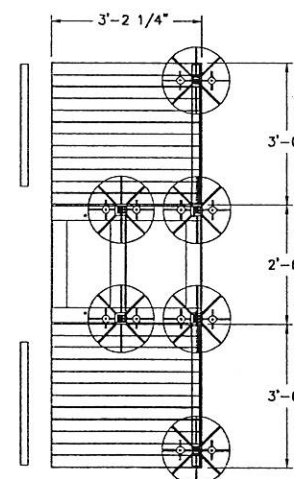


GENERAL NOTES:

1. ALL STEEL IS ASTM A36, UNLESS OTHERWISE NOTED.
2. ALL STEEL IS GALVANIZED AFTER FABRICATION.
3. PLATFORM WEIGHT: 420 LBS.

PLATFORM "B"

SCALE: NONE

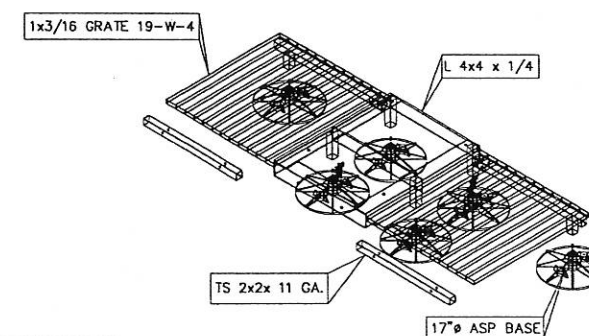
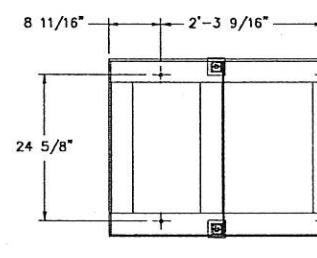
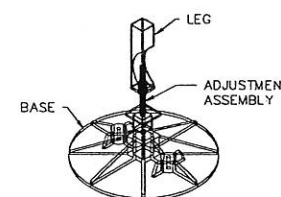
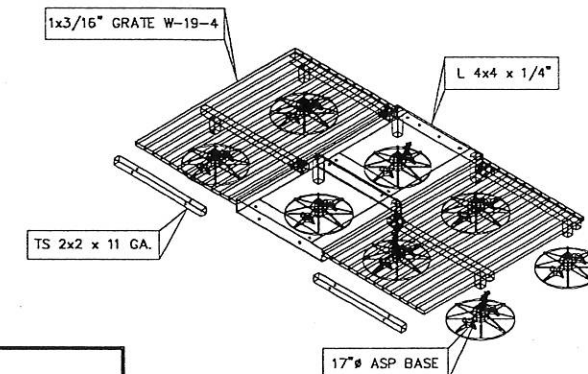
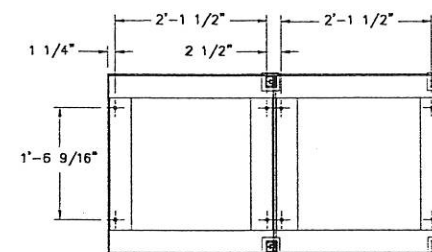
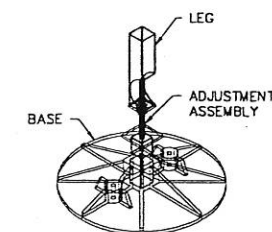


GENERAL NOTES:

1. ALL STEEL IS ASTM A36, UNLESS OTHERWISE NOTED.
2. ALL STEEL IS GALVANIZED AFTER FABRICATION.
3. PLATFORM WEIGHT: 420 LBS.

PLATFORM "C"

SCALE: NONE



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OWNER'S APPROVAL	DATE

PROJECT NO: MIL-107C

DESIGNED BY: Reginald D. Johnson

DRAWN BY: Djenita Imamovic

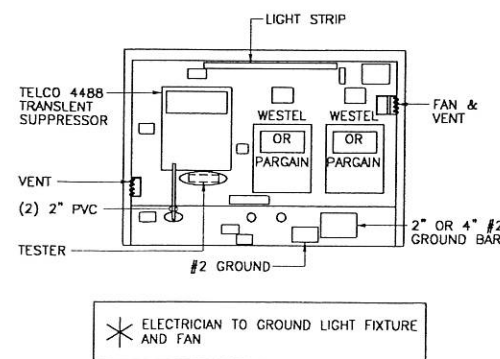
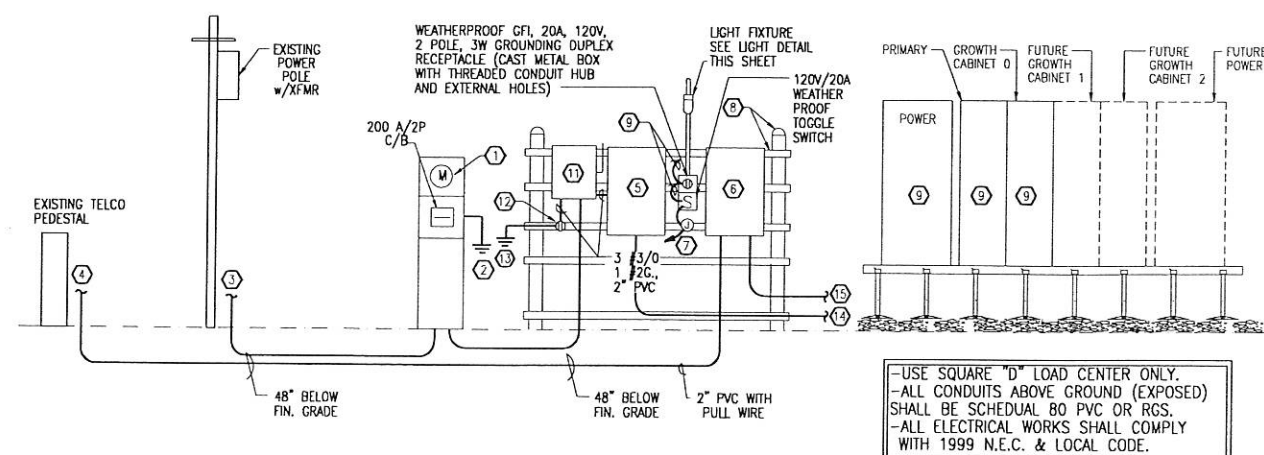
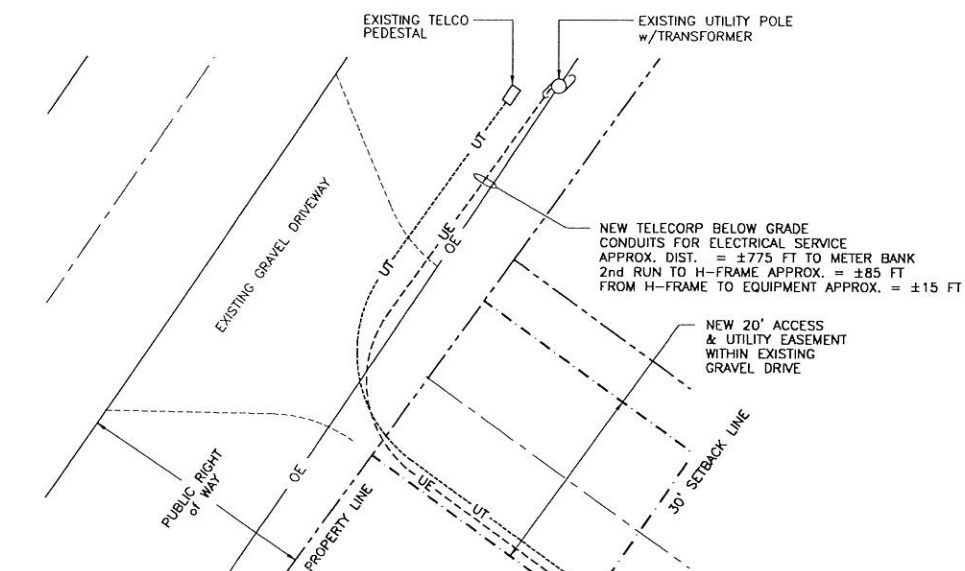
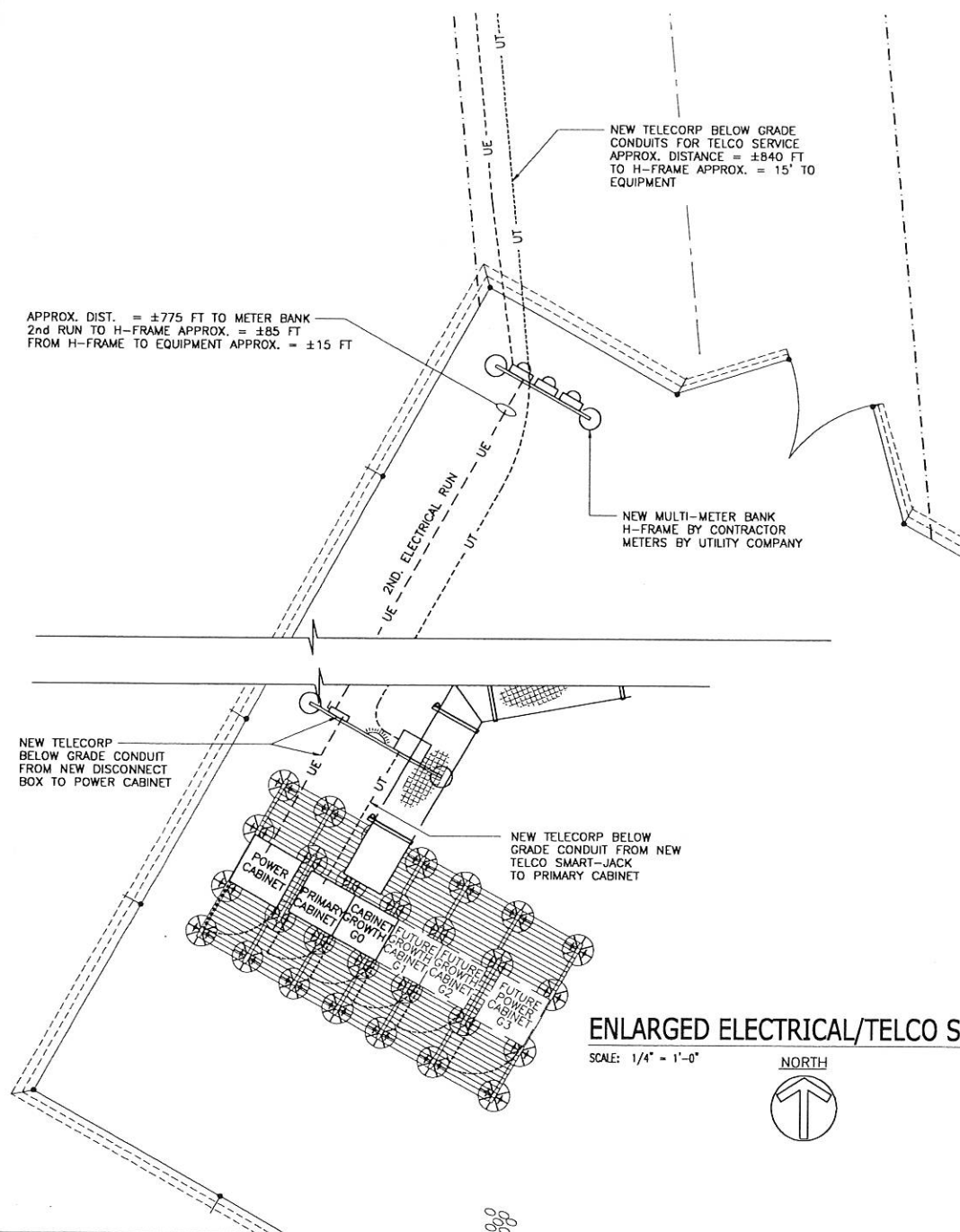
CHECKED BY: Malt Bellagamba

No.	Revision/Issue	Date
A	ISSUED FOR 90% REVIEW	02/01/01

MIL-107C
VERIZON-TURRIFF RAW LAND
MONOPOLE
2609 LAWRENCE DRIVE
DE PERE, WI. 54115
CO-LOCATION

SHEET TITLE
ASP SUPPORT
PLATFORM - 18"

SHEET NUMBER
A-6



- ① 200A, 120/240V., PHASE, 3W METER, WITH 200A/2P C/B SERVICE EXTRANRANCE RATED, COORDINATE WITH LOCAL POWER COMPANY BEFORE ANY WORK IS PERFORMED.
- ② GROUNDING PER NEC. MIN. #2 GROUND.
- ③ STUB UP 2" PVC WITH PULL WIRE TO EXISTING POWER POLE. COORDINATE WITH LOCAL POWER COMPANY BEFORE ANY WORK IS PERFORMED.
- ④ STUB UP 2" PVC WITH PULL WIRE TO EXISTING TELCO PEDESTAL, COORDINATE WITH LOCAL TELEPHONE CO. BEFORE ANY WORK IS DONE.
- ⑤ 200A MAIN C/B 120/240V, 1P, 3W PANEL WITH (3) 80A/2P C/B AND 20A/1P C/B. SQUARE "D" Q0130L200GRB
- ⑥ TELCO BOX, 24" x 20" x 12" NEMA 3R ENCLOSURE. HOFFMAN #CSD242012
- ⑦ FEED VIA 20A/1P C/B IN POWER PANEL.
- ⑧ 3" RGS WITH END CAP WITH P-1000 UNISTRUT (NUMBER AS REQUIRED) CONNECT BY U-BOLTS.
- ⑨ FINAL CONNECTION VIA WEATHERPROOF RIGID METAL CONDUIT.
- ⑩ 2-#12, 1-#2G, IN 3/4" PVC.
- ⑪ 200A, 120/240V., 1P 3W MANUAL TRANSFER SWITCH IN NEMA 3R. SQUARE "D" DTU224NRB
- ⑫ 200A, 120/240V., 1P 3W WEATHERPROOF RECEPTACLE. CROUSE-HINDS #AR2042S22
- ⑬ #2G, TO GROUND GRID FROM RECEPTACLE.
- ⑭ 9 #3, 1 #6G, 2" PVC STUB UP UNDER POWER CABINET, MAKE CONNECTION VIA CONDULET - FIELD COORDINATE.
- ⑮ 1" PVC WITH 2 SETS OF 6 PAIR TWISTED SHIELDED CABLES, LUCENT PRODUCT #6056C6/22RVRAR WITH 5'-0" OF SLACK AT EACH END, STUB UP TO TELECORP CABINETS COORDINATE WITH FIELD ENGINEER FOR EXACT LOCATION.
- ⑯ ALL ITEMS ABOVE ARE TO BE SUPPLIED BY THE CONTRACTOR.

GENERAL ELECTRICAL NOTES

- 1.) ALL ELECTRICAL WORK SHALL CONFORM TO THE 1996 EDITION OF THE NATIONAL ELECTRIC CODE.
- 2.) ALL ELECTRICAL MATERIALS, EQUIPMENT AND INSTALLATION PROCEDURES TO CONFORM WITH SPECIFICATIONS.
- 3.) CONTRACTOR SHALL PERFORM ALL VERIFICATION TESTS AND EXAMINATION WORK PRIOR TO THE ORDERING OF THE ELECTRICAL EQUIPMENT AND THE ACTUAL CONSTRUCTION. CONTRACTOR SHALL ISSUE A WRITTEN NOTICE OF ALL FINDINGS TO THE ENGINEER LISTING ALL MALFUNCTIONS, FAULTY EQUIPMENT & DISCREPANCIES.
- 4.) ELECTRICAL PLANS, DETAILS, AND DIAGRAMS ARE DIAGRAMMATIC ONLY. FIELD CONDITIONS DICTATE THE AMOUNT AND LOCATION OF EQUIPMENT.
- 5.) ALL MATERIALS SHALL BE MANUFACTURED IN ACCORDANCE WITH APPLICABLE STANDARDS ESTABLISHED BY ANSI, NEMA, NFPA, AND "UL" LISTED.
- 6.) THE ENTIRE ELECTRICAL INSTALLATION SHALL BE GROUNDED AS REQUIRED BY THE NATIONAL ELECTRIC CODE, AND ALL APPLICABLE LOCAL CODES.
- 7.) ALL CIRCUIT BREAKERS, FUSES AND ELECTRICAL EQUIPMENT SHALL HAVE A MINIMUM INTERRUPTING RATING OF 65,000 AIC.
- 8.) FOR COMPLETE INTERNAL WIRING AND ARRANGEMENT REFER TO VENDOR PRINTS PROVIDED BY TELECORP FOR POWER CABINET & BTS CABINETS.
- 9.) PATCH, REPAIR AND PAINT ANY AREA THAT HAS BEEN DAMAGED IN THE COURSE OF THE ELECTRICAL WORK.
- 10.) CONTRACTOR TO PROVIDE ONE SET OF COMPLETE ELECTRICAL "AS-BUILT" DRAWINGS AT THE COMPLETION OF THE JOB SHOWING ACTUAL ROUTINGS AND WIRING CONNECTIONS.
- 11.) LABEL ALL ELECTRICAL EQUIPMENT PER SPECIFICATIONS.
- 12.) ALL SINGLE-PHASE SELF-CONTAINED METER CONNECTION DEVICES MUST INCLUDE HORN TYPE BY-PASS PROVISION SO THAT SERVICE WILL NOT BE INTERRUPTED WHEN A METER IS REMOVED FROM THE SOCKET.
- 13.) ONLY METER CONNECTION DEVICES LABELED BY THE MANUF. WITH THE LETTERS "CECHA" ARE APPROVED FOR USE IN THE COMPANY SERVICE AREA.
- 14.) ALL INTERIOR CONDUITS AND BUSHINGS SHALL BE EMT. ALL EXTERIOR SHALL BE PVC OR LOCAL CODE REQUIREMENT.






CODES AND STANDARDS

ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
BOCA	DEPARTMENT OF COMMERCE ELECTRIC CODE
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
UL	UNDERWRITERS LABORATORIES, INC.

ABBREVIATIONS

AIC	AMPS INTERRUPTING CAPACITY
AWG	AMERICAN WIRE GAUGE
BCW	BARE COPPER WIRE
BTS	BASE TRANSMISSION SYSTEM
C	CONDUIT
CAB	CABINET
DISC	DISCONNECT SWITCH
DWG	DRAWING
ELEC	ELECTRICAL
EMT	ELECTRICAL METALLIC TUBING
GEN	GENERATOR
GND	GROUND
GPS	GLOBAL POSITIONING SYSTEM
O/H	OVERHEAD
PCS	PERSONAL COMMUNICATION SYSTEM
RGS	RIGID GALVANIZED STEEL
TYP	TYPICAL

SYMBOLS

- | | |
|---|--|
|  | METER BASE |
|  | FUSED DISCONNECT SWITCH |
|  | NEW UTILITY POLE |
|  | EXISTING UTILITY POLE |
|  | ELECTRIC METER/DISCONNECT/TELCO PEDESTAL |

NOTE:

- 1.) IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE PROPERTY OWNER & NECESSARY UTILITY COMPANIES FOR THE LOCATION OF ALL EXISTING BELOW GRADE UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE COSTS ASSOCIATED WITH EXISTING BELOW GRADE UTILITIES.

* CONTRACTOR TO CALL WISCONSIN
HOT LINE (1-800-242-8511) 72 HRS PRIOR TO
EXCAVATING FOR UNDERGROUND UTILITY LOCATIONS.

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PROJECT NO: MIL-107C

DESIGNED BY: Reginald D. Johnson

DRAWN BY: Djenito Imomovic

CHECKED BY: Matt Bellogomba

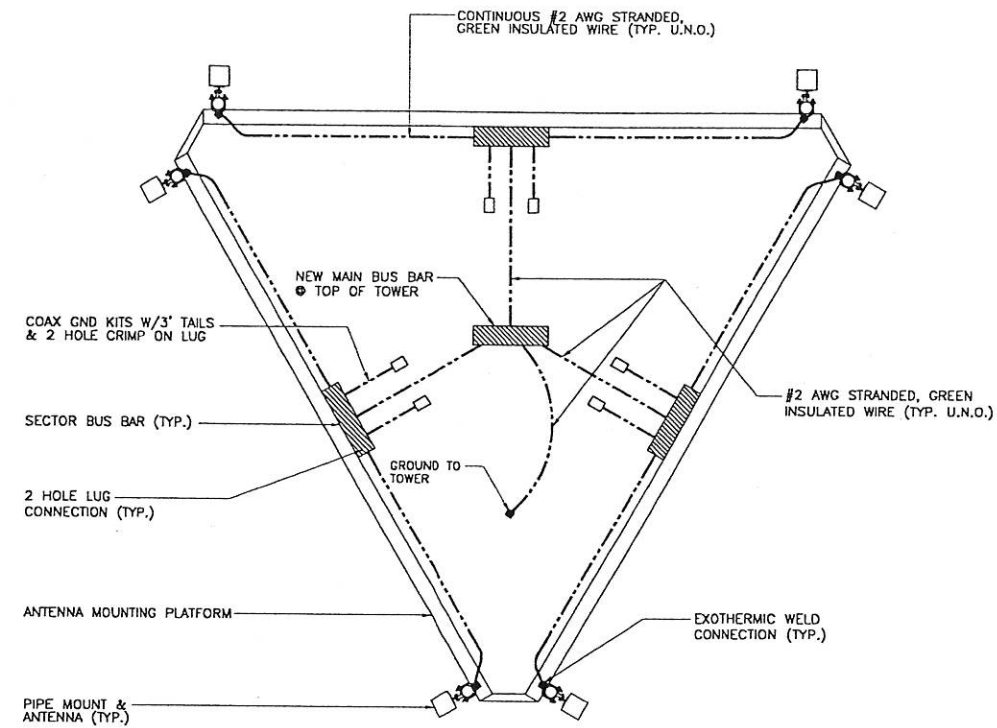
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MIL-107C
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MONOPOLE
2609 LAWRENCE DRIVE
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CO-LOCATION

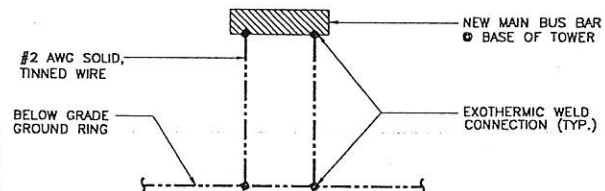
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ELECTRICAL/TELCO
TE PLAN & SINGLE LINE

SHEET NUMBER

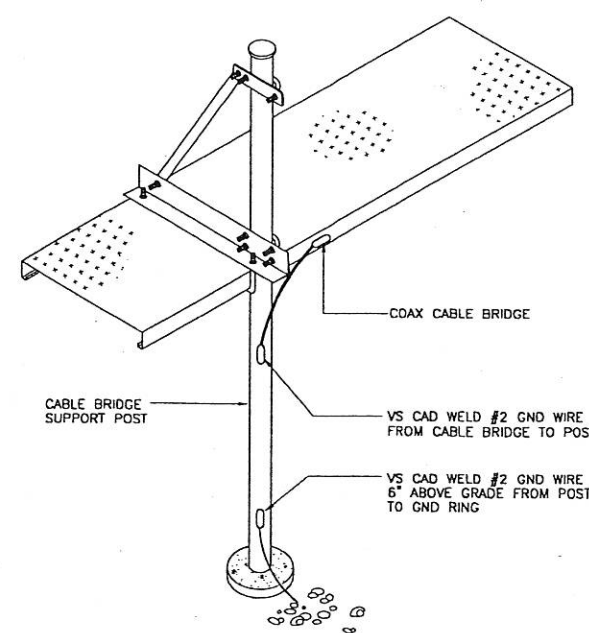
E-1



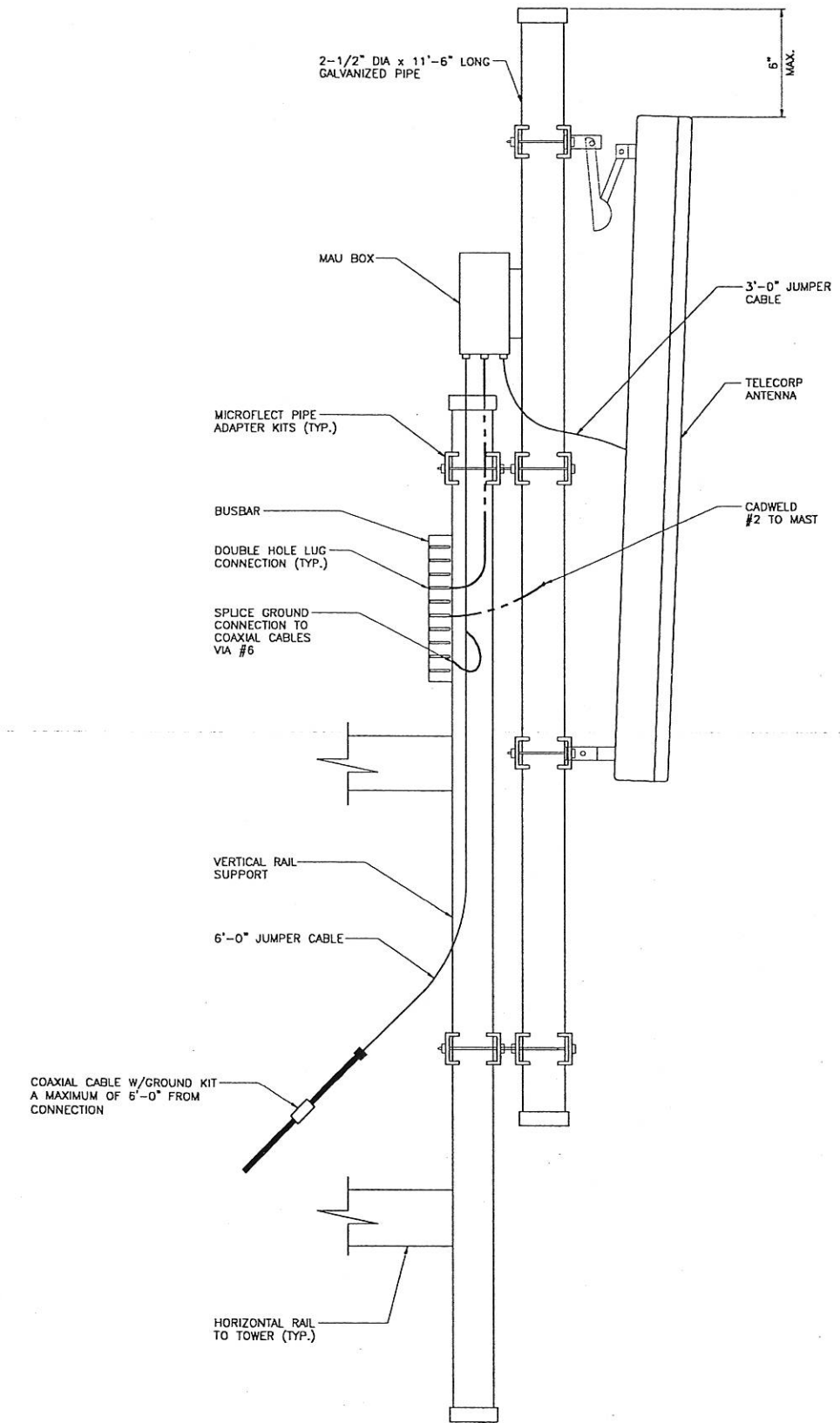
NOTE:
THIS DETAIL IS A REPRESENTATION -
ACTUAL GROUNDING IS DEPENDENT
ON TYPE OF ANTENNA SUPPORT



GROUNDING DETAIL
SCALE: NONE



ICE BRIDGE GROUNDING DETAIL
SCALE: N.T.S.



ANTENNA GROUNDING DETAIL
SCALE: NONE

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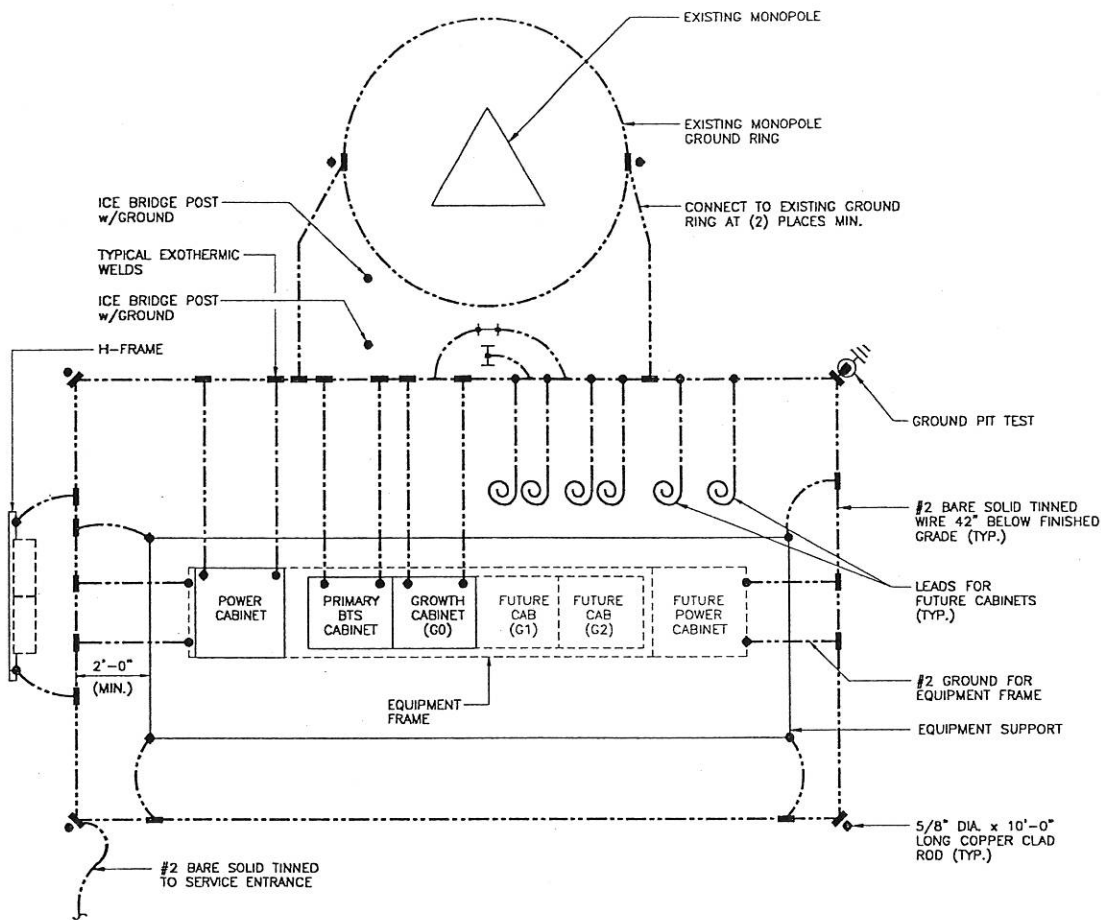
PROJECT NO:	MIL-107C
DESIGNED BY:	Reginald D. Johnson
DRAWN BY:	Reginald D. Johnson
CHECKED BY:	Matt Bellogamba

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A	ISSUED FOR 90% REVIEW	02/01/01

MIL-107C
VERIZON-TURRIFF RAW LAND
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2609 LAWRENCE DRIVE
DE PERE, WI. 54115
CO-LOCATION

SHEET TITLE
**ANTENNA
GROUNDING DETAILS**

SHEET NUMBER
EG-1



CABINET, SERVICE & TOWER GROUND GRID

SCALE: NONE

GENERAL GROUNDING NOTES

1. MAIN GROUND BUSBAR (MGB): 1/4"x4"x14" COPPER. 27 PRE-DRILLED 7/16" HOLES ON INSULATORS AND USE HARGER OR EQUAL.
2. SECTOR BUSBAR: 1/4"x2"x14" COPPER. 24 PRE-DRILLED 7/16" HOLES ON INSULATORS USE HARGER OR EQUAL.
3. ALL GROUND WIRE WILL BE #2 SOLID BARE TINNED COPPER. ALL OTHERS WILL BE #2 STRANDED AND INSULATED GREEN.
4. ALL GROUNDING LUGS SHALL BE DOUBLE CRIMPED COMPRESSION LUGS WITH 3/8" HOLES.
5. ALL GROUND KITS SHALL BE CABLE WAVE WITH TWO-HOLE CRIMP-ON LUG AND 3 FOOT TAILS.
6. GROUND ROD SHALL BE 5/8" ROUND X10' LONG COPPER-CLAD STEEL BY HAGER OR EQUAL.
7. WELDS SHALL RECEIVE AN APPROVED ZINC COLD GALVANIZING APPLICATION.
8. CONTRACTOR TO ACHIEVE A MAXIMUM OF 5 OHMS.
9. GROUND COAXIAL SIGNAL CABLES AT BOTH ENDS PER MANUFACTURER'S RECOMMENDATION.
10. EACH INTERCONNECTING SECTION OF CABLE TRAY SHALL BE GROUNDED BY #6.
11. SHARP BENDS IN GROUNDING WIRE MUST BE AVOIDED (12" MINIMUM RADIUS).
12. GROUND CONNECTION FOR EXTERIOR SHALL BE EXOTHERMIC WELDS (MAST AND UNDERGROUND) AND CRIMP-TYPE FOR INTERIOR.
13. BOND CONNECTION SHALL BE FREE OF DIRT, GREASE AND PAINT. ALUMINUM WIRE MAY NOT BE USED FOR GROUNDING AND SOLDER BONDS ARE PROHIBITED FOR ALL GROUND CONNECTIONS.
14. NO-OX (OR APPROVED EQUAL) NEEDED ON ALL MECHANICAL CONNECTIONS.
15. GROUND WIRES MUST NEVER BE ROUTED THROUGH METAL CONDUIT OR THROUGH METAL FASTENERS THAT FORM A RING AROUND WIRES, SUCH AS U-BOLTS. CONDUITS FOR GROUND WIRES SHOULD BE MADE OF NON-METALLIC MATERIAL SUCH AS PVC PLASTICS.
16. UPWARD SLOPES SHOULD BE AVOIDED IN ALL GROUND WIRES TO MINIMIZE FLASHOVERS. IDEALLY, ALL GROUND WIRES SHOULD EXTEND FROM GROUNDED FIXTURES VERTICALLY TOWARD EARTH IN THE DIRECTION OF LIGHTNING CURRENTS, BUT MAY EXTEND HORIZONTALLY WHERE NECESSARY.

SYMBOLS LEGEND:

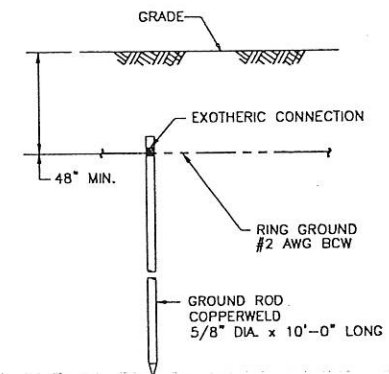
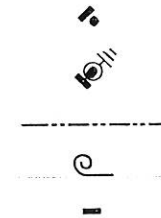
GROUND ROD

GROUND ROD WITH ACCESS

GROUND WIRE (BELOW GRADE)

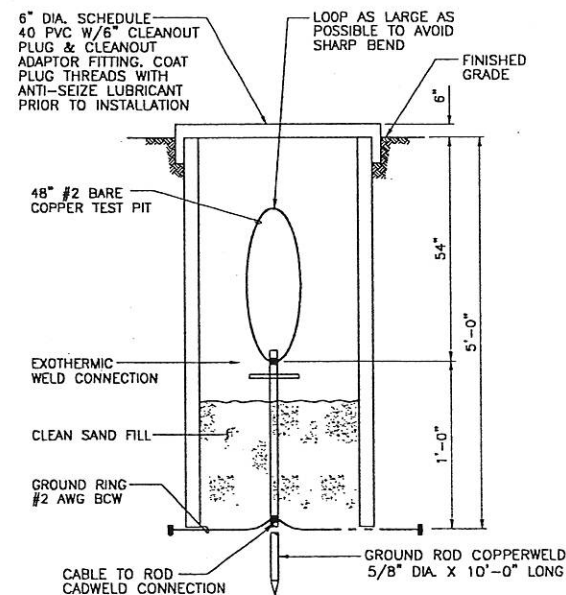
SPARE GROUND WIRE

EXOTHERMIC CONNECTION



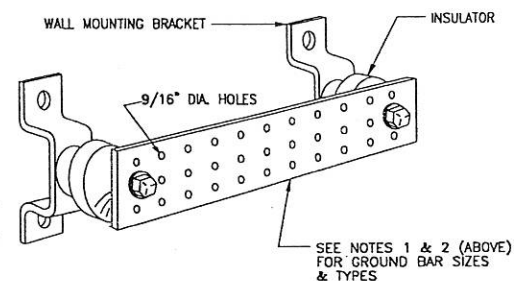
GROUND ROD

SCALE: NONE



GROUND ROD TEST WELL

SCALE: NONE

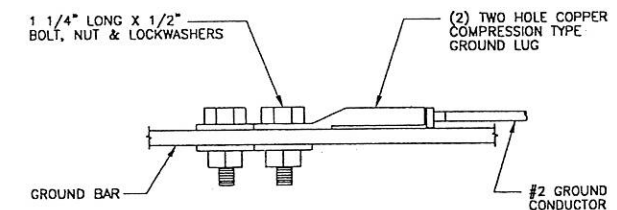


- 1 VERTICAL (ON ICE BRIDGE POST)
- 1 HORIZONTAL (ON TOWER BOTTOM)

GROUND BAR ON TOWER BOTTOM & ICE BRIDGE POSTS SHOULD BE 14"x14"

GROUNDING BAR

SCALE: NONE



GROUND LUG

SCALE: NONE

**TELECOP
REALTY
LLC**



WHALEN & COMPANY, INC.
922 N. TOWER DR. Suite# 100
GREENVILLE, WI. 54942
Tel. (920) 757-1495
Fax (920) 757-1613



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TELECOP/WHALEN & CO. APPROVALS:

LEASING	DATE
ZONING	DATE
WHALEN CONST.	DATE
RF TELECORP	DATE
TELECOP CONST.	DATE
LUCENT TECHNOLOGY	DATE
OWNER'S APPROVAL	DATE

PROJECT NO: MIL-107C

DESIGNED BY: Reginald D. Johnson

DRAWN BY: Djenita Imamovic

CHECKED BY: Matt Bellagamba

No.	Revision/Issue	Date
A	ISSUED FOR 90% REVIEW	02/01/01

MIL-107C
VERIZON-TURRIF RAW LAND
MONOPOLE
2609 LAWRENCE DRIVE
DE PERE, WI. 54115
CO-LOCATION

SHEET TITLE
**GROUNDING
DETAILS**

SHEET NUMBER
EG-2

ACRE = 43,560 SQ FT (1.5 ACRE = 65,340)

$\frac{1}{2} = 5.4'$

LOT 2 CURRENTLY

134,808

$$\frac{43,560}{(\text{ACRE})} = \underline{\underline{3.095 \text{ ACRES}}}$$

LOT 2 PROPOSED

54,250 (217 x 250)

9,815 (65 x 150 BY MOUND)

64,065

$$\frac{43,560}{(\text{ACRE})} = \underline{\underline{1.47 \text{ ACRES}}}$$

LOT 3 PROPOSED

70,743

$$\frac{43,560}{(\text{ACRE})} = \underline{\underline{1.62 \text{ ACRES}}}$$

APPROX 150' FRONTAGE
ON CITY S

Mike Mueller

Certified Survey Map

Sheet 1 of 3

SURVEYOR'S CERTIFICATE
State of Wisconsin
County of Brown

I hereby certify that I have surveyed and mapped the lands described hereon, and that this map is a true representation thereof, to the best of my knowledge.

Dated this 18th day of January, 2001.

Lot 32, Rosewood Estates First Addition,
Lot 47 and 48, Rosewood Estates Second Addition,
part of the NE-SE, Sec. 30, T23N, R20E,
Town of Lawrence, Brown County, Wisc.

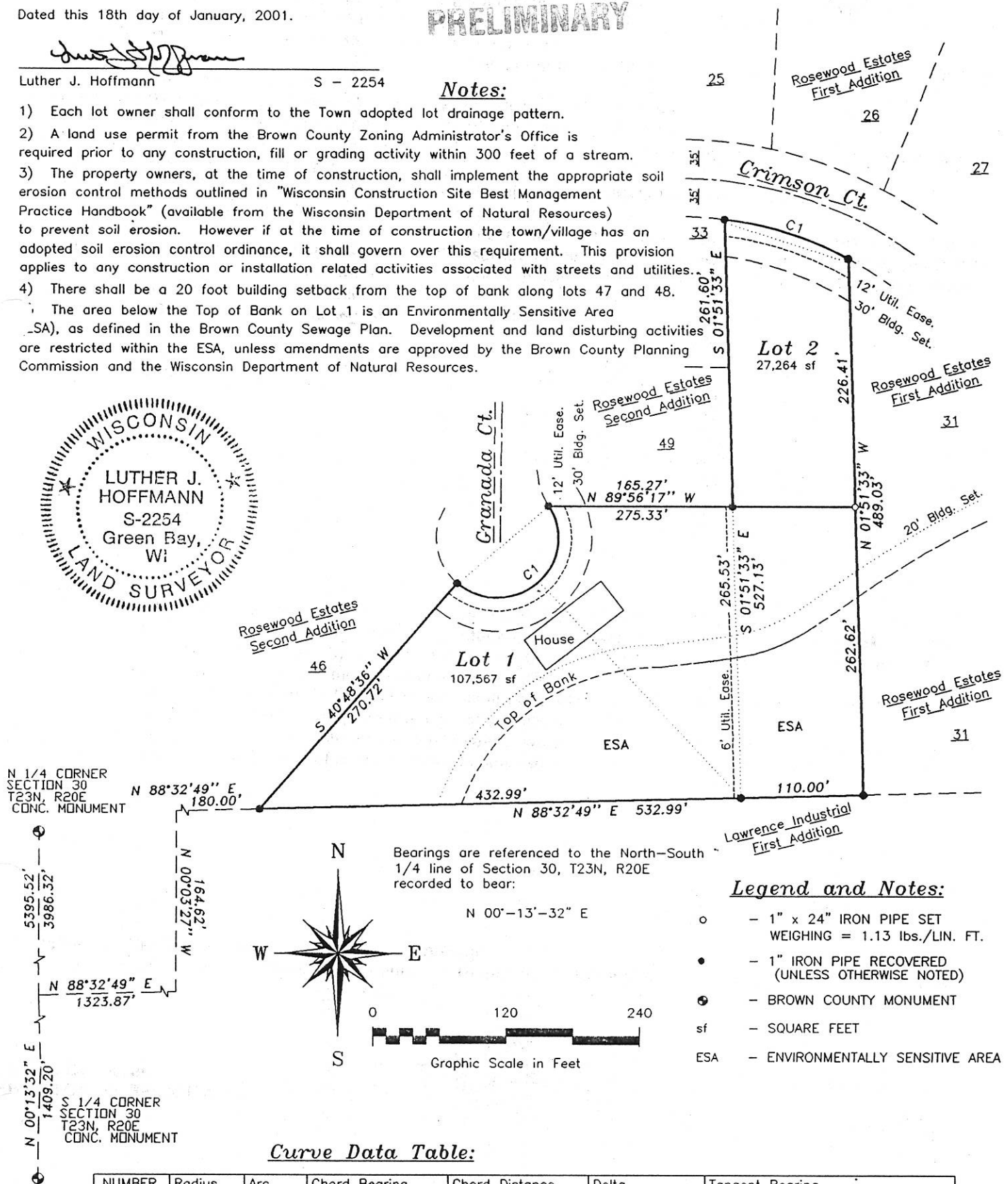
PRELIMINARY

Luther J. Hoffmann
Luther J. Hoffmann

S - 2254

Notes:

- Each lot owner shall conform to the Town adopted lot drainage pattern.
 - A land use permit from the Brown County Zoning Administrator's Office is required prior to any construction, fill or grading activity within 300 feet of a stream.
 - The property owners, at the time of construction, shall implement the appropriate soil erosion control methods outlined in "Wisconsin Construction Site Best Management Practice Handbook" (available from the Wisconsin Department of Natural Resources) to prevent soil erosion. However if at the time of construction the town/village has an adopted soil erosion control ordinance, it shall govern over this requirement. This provision applies to any construction or installation related activities associated with streets and utilities.
 - There shall be a 20 foot building setback from the top of bank along lots 47 and 48.
- The area below the Top of Bank on Lot 1 is an Environmentally Sensitive Area (ESA), as defined in the Brown County Sewage Plan. Development and land disturbing activities are restricted within the ESA, unless amendments are approved by the Brown County Planning Commission and the Wisconsin Department of Natural Resources.



Legend and Notes:

- o - 1" x 24" IRON PIPE SET WEIGHING = 1.13 lbs./LIN. FT.
- - 1" IRON PIPE RECOVERED (UNLESS OTHERWISE NOTED)
- ⊙ - BROWN COUNTY MONUMENT
- sf - SQUARE FEET
- ESA - ENVIRONMENTALLY SENSITIVE AREA

Curve Data Table:

NUMBER	Radius	Arc	Chord Bearing	Chord Distance	Delta	Tangent Bearing
C1	315.00	117.35	S 72°23'27" E	116.67	21°20'38"	N 83°03'46" W N 61°43'08" W
C2	55.00	157.31	S 48°52'08" W	108.91	163°52'58"	N 49°11'22" W N 33°04'21" W

WATERMOLEN - HOFFMANN & ASSOCIATES

300 SOUTH BROADWAY
GREEN BAY, WISCONSIN 54303
PHONE (920) 432-9020
FAX (920) 432-4771

Survey #01.0110.1
Dir. M1.plat.rosewood
Auto cad Drawing # cvd4748.dwg

