

EXHIBIT A

LOCATIONS OF RIGHTS-OF-WAY FOR LICENSEE'S SYSTEM

SITE ID-CANDIDATE LETTER/CASCADE ID-CANDIDATE LETTER:

9ILB004268B/CH90XSZX2B

LATITUDE/LONGITUDE:

41.879740/-87.788277

CROSS STREET:

MADISON ST & S SCOVILLE AVE

CITY, STATE, ZIP:

OAK PARK, IL 60302



IF YOU DID IN ANY STATE
CALL 911 FOR THE LOCAL
"THE CALL CENTER"
IT'S THE LAW

THE CALLER'S NAME, ADDRESS AND PHONE NUMBER
SHOULD BE PROVIDED TO THE CALL CENTER. THE
CALLER SHOULD BE ADVISED THAT THE CALL CENTER
IS NOT A LAW ENFORCEMENT AGENCY AND CANNOT
PROVIDE LEGAL ADVICE. THE CALLER SHOULD
BE ADVISED THAT THE CALL CENTER IS NOT A
LAW ENFORCEMENT AGENCY AND CANNOT
PROVIDE LEGAL ADVICE.

GENERAL NOTES

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A
TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE
MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT
DISTURBANCE OF EXISTING OR DRAINAGE. NO SANITARY SEWER
SERVICE, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED AND
NO COMMERCIAL BODWAGE IS PROPOSED.

SITE INFORMATION

SITE ID:	9ILB004268B
CASCADE ID:	CH90XSZX2B
LATITUDE:	41.879740
LONGITUDE:	-87.788277
CROSS STREET:	MADISON ST & S SCOVILLE AVE
CITY, STATE, ZIP:	OAK PARK, IL 60302
COUNTY:	COOK COUNTY
JURISDICTION:	VILLAGE OF OAK PARK
PROPERTY OWNER:	PUBLIC RIGHT-OF-WAY
APPLICANT:	MOBILITE, LLC 120 S RIVERIDE PLAZA SUITE 1000 CHICAGO, IL 60606 PHONE: (312) 638-9400

ENGINEER

JACOBS ENGINEERING GROUP, INC. 5448 BELLS FORT ROAD ACWORTH, GA 30102	CONTACT: KARL KRATINA PROJECT MANAGER TEL: (878) 460-1416 PROJECT: D9600201
---	--

DO NOT SCALE DRAWINGS

CONTRACTORS SHALL VERIFY ALL PLANS, (E) DIMENSIONS & FIELD
CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE
ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE
PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

LOCATION MAPS

VICINITY MAP



REGIONAL MAP



PROJECT DESCRIPTION

END USER PROPOSES TO INSTALL EQUIPMENT ON AN
EXISTING STEEL POLE WITHIN AN EXISTING RIGHT-OF-WAY.
THE SCOPE WILL CONSIST OF THE FOLLOWING:
- INSTALL PROPOSED BROADWAY TRANSPORT EQUIPMENT ON
AN EXISTING STEEL LIGHT POLE

CODES

INTERNATIONAL BUILDING CODE
NATIONAL ELECTRICAL SAFETY CODE
N/A/CA-222-G-2 OR LATEST EDITION
LOCAL BUILDING/PLANNING CODE

DRAWING INDEX

SHEET NO.	SHEET TITLE
E-1	TITLE SHEET
SP-1	EXISTING PHOTO & SITE PLAN
CP-1	POLE ELEVATIONS
CP-2	POLE ELEVATIONS
PL-1	PLUMBING & ROOF DIAGRAM
EQ-1	EQUIPMENT DETAILS
EQ-2	EQUIPMENT DETAILS
EX-1	EXCAVATION DETAILS
E-1	ELECTRICAL DETAILS
G-1	GROUNDING DETAILS
TC-1	VEHICULAR TRAFFIC CONTROL PLAN
TC-2	PEDESTRIAN SAFETY PLAN
GN-1	GENERAL NOTES
GN-2	GENERAL NOTES
GN-3	GENERAL NOTES

mobilitie

120 S RIVERIDE PLAZA
SUITE 1000
CHICAGO, IL 60606
PHONE: (312) 638-9400

PROJECT NO: D9600201
DRAWN BY: JC ARNDSON
CHECKED BY: S. WALLACE

PRELIM - NOT FOR CONSTRUCTION

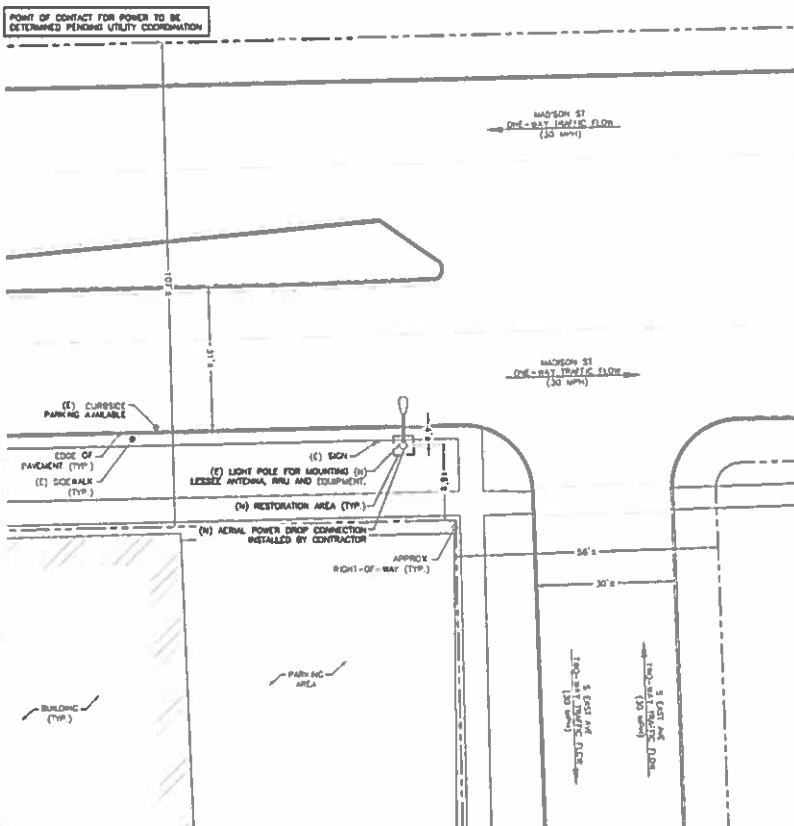
1	SUBMIT	FIELD	NO NO CONSTRUCTION
---	--------	-------	--------------------

IF AS A RESULT OF THE USE OF ANY
PRODUCT, SERVICE OR MATERIAL, WHICH RESULTS IN
PROPERTY DAMAGE OR PERSONAL INJURY, THE
USER SHALL BE RESPONSIBLE FOR THE DAMAGE.

CH90XSZX2B
MADISON ST &
S SCOVILLE AVE
OAK PARK, IL 60302
LIGHT POLE

SHEET TITLE
TITLE SHEET

SHEET NUMBER
T-1



mobilitie

PROJECT NO.	STATION
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PHASE - NOT FOR CONSTRUCTION

It is a violation of the law for any person, including the FBI, to copy or disclose the contents of a person's telephone records, as the law requires.

C-80082X29
91E0042085
MADISON ST &
S BOOYILLE AVE
OAK PARK, IL 60307
LIGHT POLE

BUDGET TYPE

EXHIBIT PHOTO & SITE PLAN

00-000000

SP-1

mobilitie
BY THE PEOPLE FOR THE PEOPLE

130 S RIVERSIDE PLAZA,
SUITE 1800
CHICAGO, IL 60606
PHONE: (312) 638-5400

PROJECT NO: 030001
DRAWN BY: JC ARNOLD
CHECKED BY: S. BULLARD

PRELIM - NOT FOR CONSTRUCTION

2. SUBMITTAL: NOT FOR CONSTRUCTION

IT IS A VIOLATION OF THE LAW FOR ANY
PERSON, OTHER THAN THE DESIGNER, TO
REPRODUCE OR TO REPRODUCE THE
DESIGN, IN WHOLE OR IN PART.

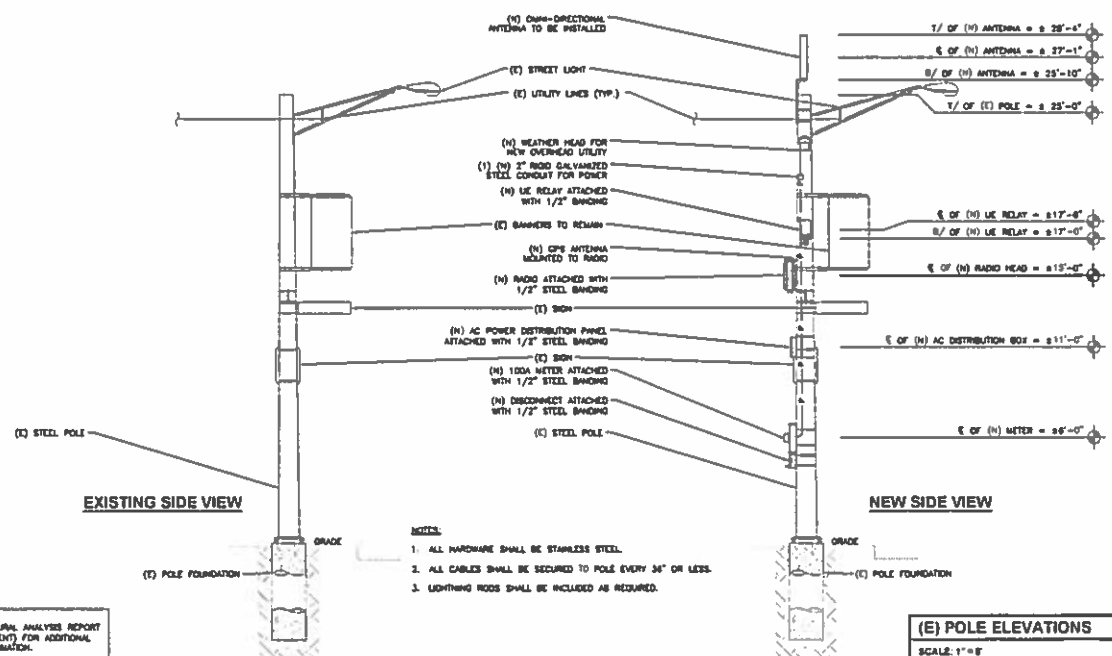
CHUCKLEZ
BLEDZINSKI
MADISON ST &
S. COVILLY AVE
OAK PARK, IL 60452
LIGHT POLE

SHEET TITLE

POLE ELEVATIONS

SHEET NUMBER

EV-1



NOTE:
REFER TO STRUCTURAL ANALYSIS REPORT
(SEPARATE DOCUMENT) FOR ADDITIONAL
STRUCTURAL INFORMATION.

- NOTES:
1. ALL HARDWARE SHALL BE STAINLESS STEEL.
 2. ALL CABLES SHALL BE SECURED TO POLE EVERY 36" OR LESS.
 3. LIGHTNING RODS SHALL BE INCLUDED AS REQUIRED.

mobilitie

120 S WENDELL PLAZA
SUITE 1800
CHICAGO, IL 60608
PHONE: (312) 638-5400

PROJECT NO: 090000
DRAWN BY: JC. JABARON
CHECKED BY: B. BLAIR

PRELIM - NOT FOR CONSTRUCTION

ALL DIMENSIONS ARE IN FEET AND INCHES

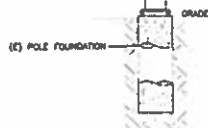
IF A DIMENSION OF THE LIGHT POLE IS
NOT SHOWN, THE LIGHT POLE SHALL BE
CONSIDERED AS A STANDARD LIGHT POLE
UNLESS NOTED OTHERWISE

CHICAGO
61600-12000
MADISON ST. &
S. BOYD AVE.
DAN PARR, IL 60002
LIGHT POLE

SHEET TITLE
POLE ELEVATIONS

SHEET NUMBER
EV-2

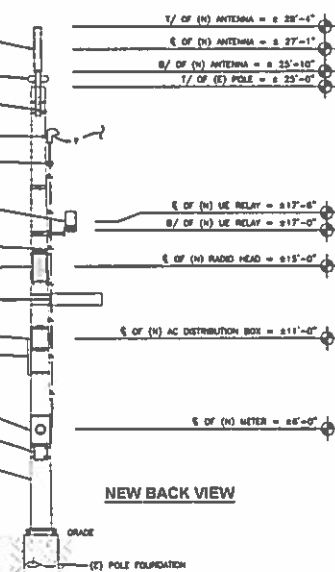
EXISTING BACK VIEW



NOTES:

1. ALL HARDWARE SHALL BE STAINLESS STEEL.
2. ALL CABLES SHALL BE SECURED TO POLE EVERY 36" OR LESS.
3. LIGHTNING RODS SHALL BE INCLUDED AS REQUIRED.

NEW BACK VIEW



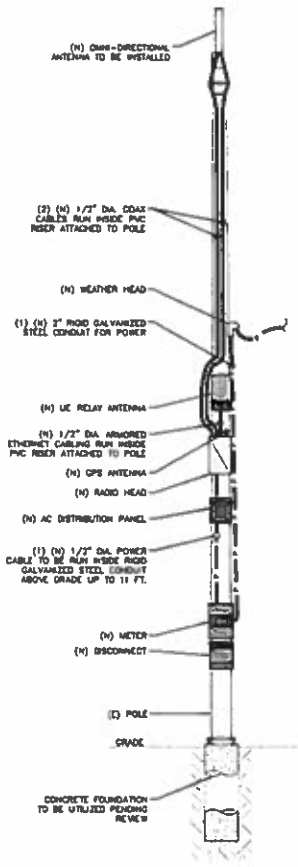
(E) POLE ELEVATIONS

SCALE: 1" = 8'

1

NOTE:
REFER TO STRUCTURAL ANALYSIS REPORT
(SEPARATE DOCUMENT) FOR ADDITIONAL
STRUCTURAL INFORMATION.

NOTE:
(1) POLE MOUNTED EQUIPMENT
NOT SHOWN FOR CLARITY.



CABLES NOTES:

- WOOD, CONCRETE AND EXISTING METALLIC POLES
- FROM GRADE LINE TO 11'-0" ABOVE GRADE, ALL CABLES/CONDUCTORS EXCEPT GROUNDING CONDUCTOR MUST RUN IN RIGID GALVANIZED STEEL CONDUIT (RGS)
- GROUNDING CONDUCTORS IN EXPOSED LOCATIONS MUST BE INSTALLED IN PVC
- IN EARTH INSTALL PVC CONDUIT FOR BACKHAUL AND ELECTRICAL SERVICE TRANSITION TO RGS AT GRADE LINE
- ABOVE 11'-0" ALL CABLES (POWER, ETHERNET, COAXIAL) MUST RUN IN PVC UTILITY POLE RISER
- AT MAJOR EQUIPMENT, EXTEND UTILITY DUCT IMMEDIATELY ADJACENT TO THE EQUIPMENT. INSTALL CABLES IN THE UTILITY POLE RISER CREATING CABLE DROP LOOPS NOT LESS THAN THE CABLE BENDING RADIUS
- INSIDE THE UTILITY POLE RISER, UTILIZE 1/2" COAX BLOCKS WITH LAG SCREWS TO SUPPORT COAX, RADIO AND HW POWER, RF COAX, AND ETHERNET CABLES TO WITHIN 12" OF THE EQUIPMENT BEING SERVED AND ON INTERVALS NOT TO EXCEED 4'
- FOR UNDERGROUND HFC/PUBLIC BACKHAUL, ROUTE ETHERNET CABLE IN CONDUIT UP THE POLE AND ENTER THE UTILITY POLE RISER, SEAL EXPOSED END OF CONDUIT WITH A CABLE TERMINATION FITTING
- BY APPROVAL IN SELECT CABLES LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LYMC) MAY BE USED IN LENGTHS NOT TO EXCEED 30" TO EXTEND THE ELECTRICAL SERVICE CONDUIT TO THE AC DISTRIBUTION BOX. EXAMPLE: UTILITY-REQUIRED DISCONNECT ON POLE BY AC DISTRIBUTION BOX ON OPPOSITE SIDE OF POLE. NOT REQUIRED FOR COAX
- NEW METALLIC POLES
- PRODUCE NEW POLES WITH SUITABLE HAND HOLES SUCH THAT HAND HOLES EXIST AT ALL EQUIPMENT LOCATIONS
- WHERE REQUIRED, INSTALL POLE BASE SUCH THAT THE ELECTRICAL FEED AND BACKHAUL (IF UNDERGROUND) CIRCUIT ENTER THE POLE THROUGH THE POLE BASE

PLUMBING DIAGRAM

SCALE: NOT TO SCALE

1

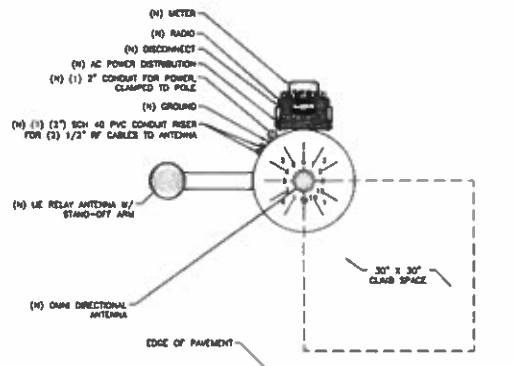
EQUIPMENT CHART

QTY.	DESCRIPTION	MANUFACTURER	MODEL NUMBER	AZIMUTH	CABLE	DIMENSIONS (HxWxD)	WEIGHT
1	ANTENNA	ALPHA WIRELESS	AW3477-S	TRD	1/2"	39.2" x 4.7" DIAMETER	7 LBS
1	LE RELAY	ARISPAH	WR400-SPB-ST-1-P-0	TRD	3/2"	12" x 7" DIAMETER	8.8 LBS
1	OPS	TALLYSPAN	TW3012	---	---	9.8" x 9.8" DIAMETER	0.5 LBS
1	RADIO	ARISPAH	WR4000	---	3/2"	30.3" x 10.3" x 8.3"	42 LBS
1	AC DISTRIBUTION PANEL	TRANSILCTOR	118T-1207-1072	---	1/2"	17" x 13" x 4"	17 LBS
1	METER SOCKET	MELBANK	U4801-SL-S79	---	TRD	18" x 12" x 4.84"	31 LBS
1	MEWA TYPE 30 DISCONNECT	SQUARE D	D231H08	---	1/2"	6.63" x 7.33" x 3.75"	4.93 LBS

BILL OF MATERIALS

SCALE: NOT TO SCALE

2



RISER ORIENTATION DIAGRAM

SCALE: NOT TO SCALE

3

mobilitie

130 S RIVERSIDE PLAZA,
SUITE 1800
CHICAGO, IL 60608
PHONE: (312) 636-5400

PROJECT NO: 080809

DRAWN BY: JC ARMBRIST

CHECKED BY: S. HALL

PRELIM - NOT FOR CONSTRUCTION

IT IS A REPRESENTATION OF THE LATEST AND MOST ACCURATE INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THIS DOCUMENT. IT IS NOT TO BE USED FOR CONSTRUCTION.

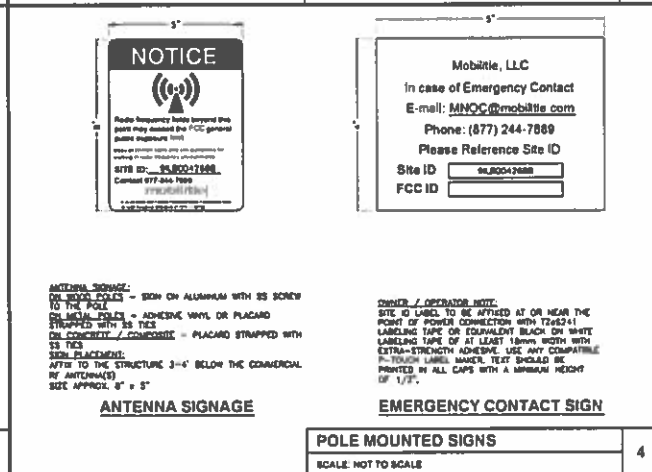
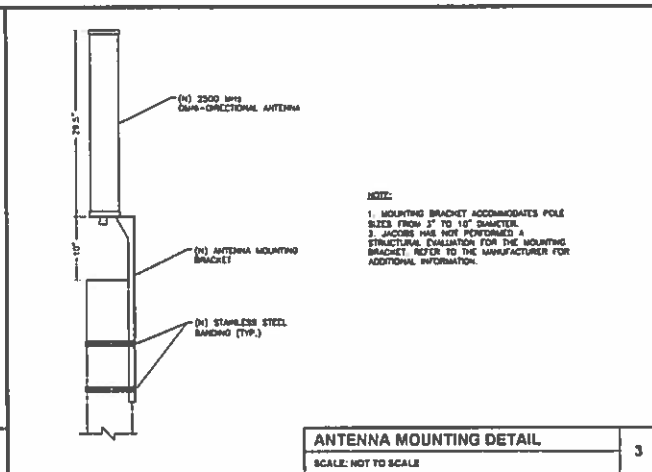
CHRONOBLACK
BULKHEADS
MADISON ST &
S BOONVILLE AVE
CHICAGO, IL 60602
LIGHT POLE

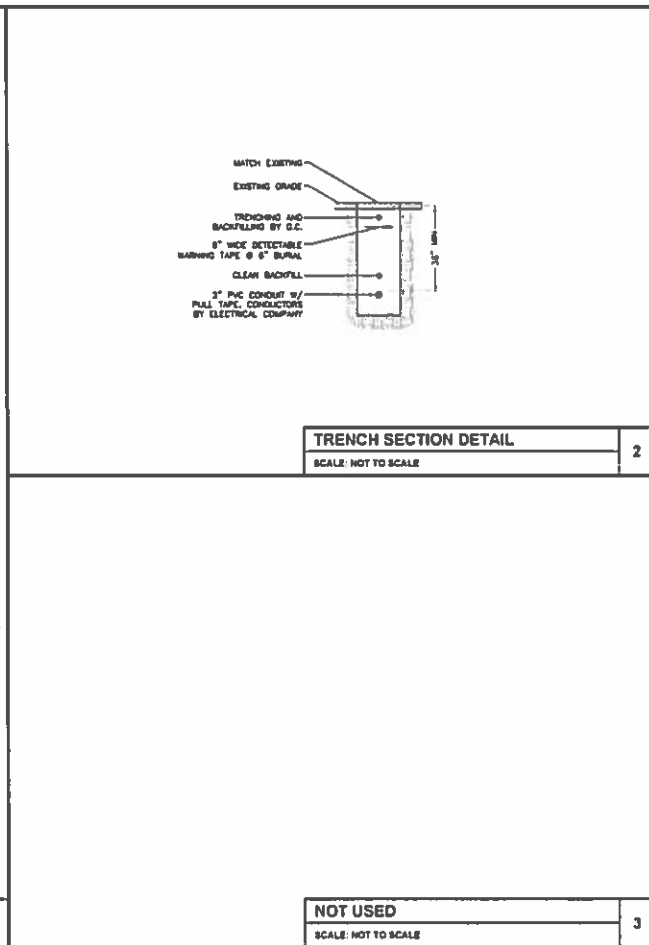
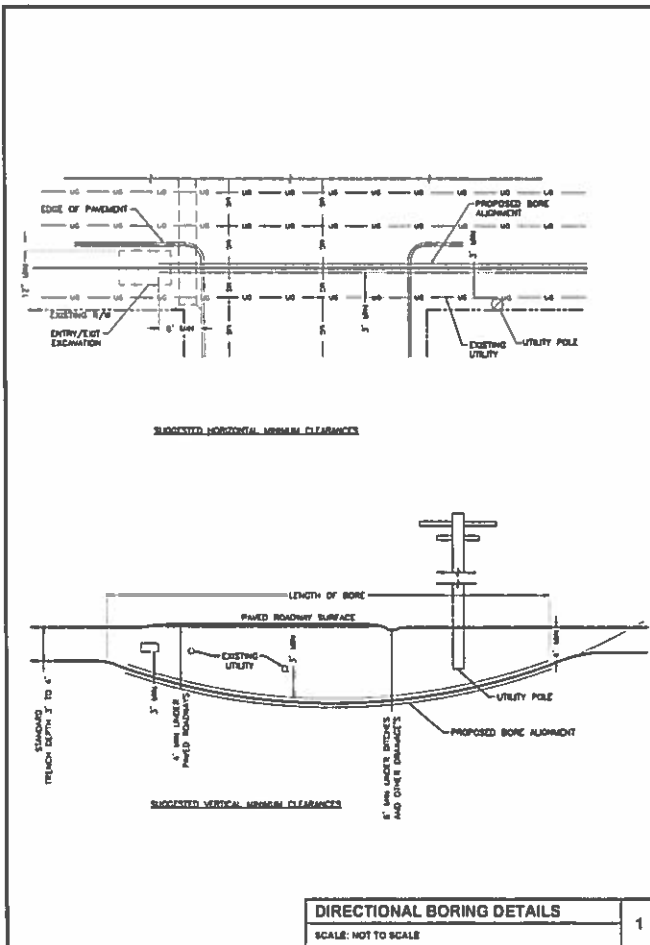
SHEET 5/11

PLUMBING & RISER DIAGRAM

SHEET NUMBER

PL-1

[illegible]



mobilitie
120 S RIVERDE PLAZA
SUITE 1800
CHICAGO, IL 60606
PHONE: (312) 638-5400

PROJECT NO: 0400000
DRAWN BY: JC ALVARADO
CHECKED BY: S. SHULINE

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IT IS A VIOLATION OF THE LAW FOR ANY PERSON TO REPRODUCE OR TRANSMIT THE CONTENTS OF THIS DOCUMENT WITHOUT THE WRITTEN PERMISSION OF MOBILITE.

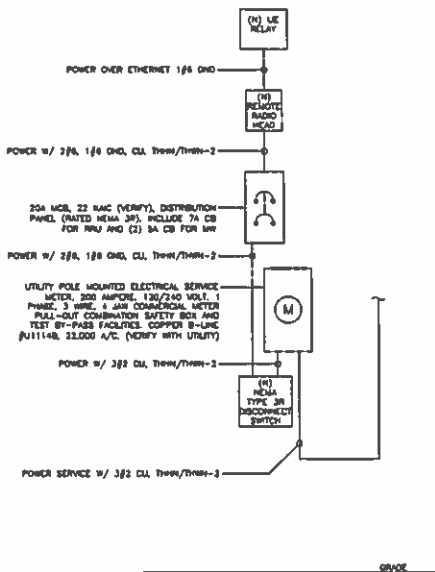
CH00082328
94.00042688
MADISON ST &
S BOONVILLE AVE
OAK PARK, IL 60302
LIGHT POLE

SHEET TITLE
EXCAVATION DETAILS

SHEET NUMBER
EX-1

NOT USED
SCALE: NOT TO SCALE

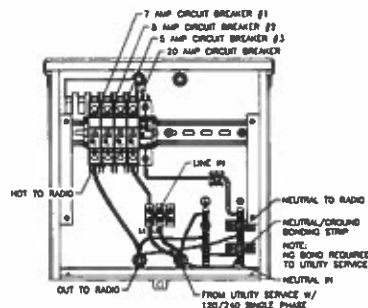
3



ONE-LINE DIAGRAM

SCALE: NOT TO SCALE

1



TRANSECTOR EXPORT
AC DISTRIBUTION BOX

BREAKER SCHEDULE

SCALE: NOT TO SCALE

2

NOTES:

1. NOMINAL POWER IS CALCULATED AS BASE OF OEM DOCUMENTED MAXIMUM POWER.
2. CALCULATIONS FOR UE W/ NEMA DO NOT NEED TO INCLUDE THE POWER FOR THE UE ANTENNA AS IT IS INCLUDED IN THE MAX POWER FIGURE. CALCULATIONS FOR UE W/ AIRSPAN MUST INCLUDE UE AS IT IS NOT INCLUDED.
3. KVA IS CALCULATED FROM THE CONSUMPTION VALUE ASSUMING A PF=1. MAXIMUM POWER WAS USED FOR KVA. WHERE MAXIMUM WAS NOTED BY THE OEM THE ELCTED FIGURE WAS USED. WHERE AVERAGE/NOMINAL POWER WAS NOTED BY THE OEM MAXIMUM POWER WAS CALCULATED BY INCREASING AVERAGE/NOMINAL POWER BY A FACTOR OF 50%.

Airspan Scenario 2 Air4000 High Power Radio and UE Backhaul

Unit	Sub Description	Max Power (W)	Max Current (A)	kVA	kWh/yr
Air4000 4000	1 TE Base Station	840	4.50	0.54	4730.4
Airspan R460	UE Relay	N/A	N/A	N/A	N/A
Total		840	4.50	0.54	4730.4

LOAD CALCULATIONS

SCALE: NOT TO SCALE

3

mobilitie

120 S RIVERSIDE PLAZA,
SUITE 1500
CHICAGO, IL 60608
PHONE: (312) 638-5400

PROJECT NO. 000001
DRAWN BY: J.C. MAURICIO
CHECKED BY: B. MILLER

PRELIM - NOT FOR CONSTRUCTION

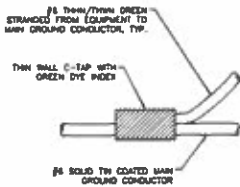
IF A MODIFICATION OF THE LINE FOR ANY
REASON, THE LINE SHALL BE MODIFIED TO
MATCH THE LINE AND THE LINE SHALL BE
MODIFIED TO MATCH THE LINE.

CHICAGO
120 S RIVERSIDE PLAZA
SUITE 1500
CHICAGO, IL 60608
PHONE: (312) 638-5400

SHEET 5/15
ELECTRICAL DETAILS

SHEET NUMBER
E-1

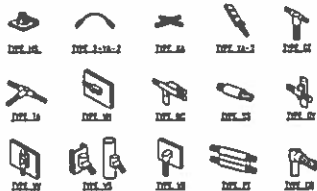
NOTE:
CONTRACTOR TO SURROUND COMPLETED
CONNECTION WITH HEAT SHRINK TUBING TO
ENSURE WEATHER PROOF CONNECTION



C-TAP DETAIL

SCALE: NOT TO SCALE

1



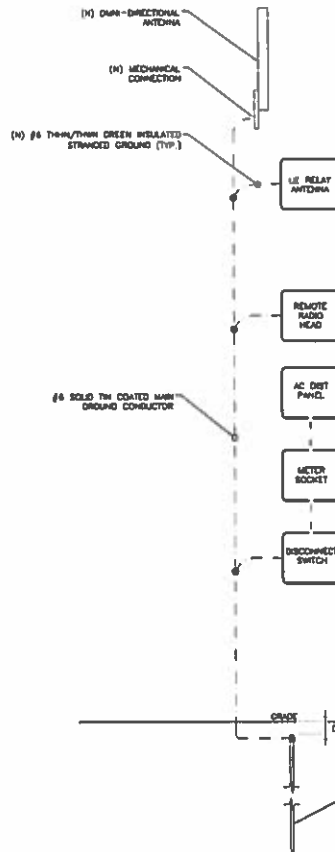
NOTE:

FREEZE (CRYOTERMIC "HOLD TYPES" SHOWN HERE ARE EXAMPLES.
CONSULT WITH PROJECT MANAGER FOR SPECIFIC MOLDS TO BE
USED FOR THIS PROJECT

WELD CONNECTION DETAILS

SCALE: NOT TO SCALE

2



LEGEND
 (N) OMNI-DIRECTIONAL ANTENNA
 (N) MECHANICAL CONNECTION
 (N) COMPRESSION CONNECTION

NOTE:
GROUNDING RISER FOR DIAGNOSTIC
PURPOSES ONLY. SEE ELEVATION DRAWING
FOR EQUIPMENT AND ANTENNA LOCATIONS.

NOTES:

1. ALL RODS TO BE GROUNDING AT BOTH
ENDS USING GROUNDING BUS-BAR
2. GROUNDING WIRE TO BE RUN IN 1/2\"/>

GROUNDING RISER DIAGRAM

SCALE: NOT TO SCALE

3

mobilitie
 120 S RIVERSIDE PLAZA
 SUITE 1800
 CHICAGO, IL 60608
 PHONE: (312) 638-3400

PROJECT NO. 180000

DRAWN BY: J.C. ALABRADO

CHECKED BY: S. HALL

PRELIM: NOT FOR CONSTRUCTION

1. 6/1/11 FIELD - SEE FOR CONSTRUCTION

IF A VARIATION OF THE LISTED INFO
IS REQUIRED, CONTACT THE PROJECT MANAGER
FOR A VARIATION OF THE LISTED INFO
OR A VARIATION OF THE LISTED INFO

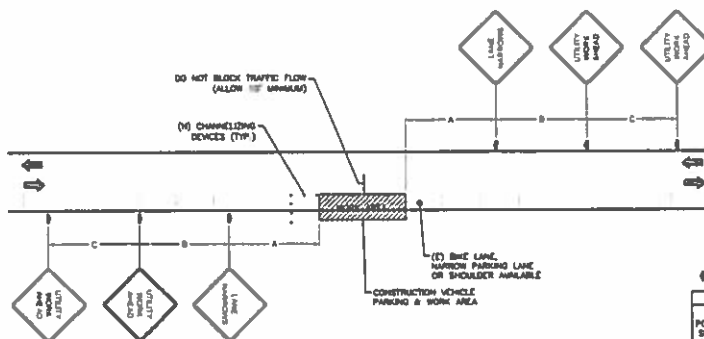
CHICKELA
 141 BROADWAY
 MADISON ST &
 S BOYVILLE AVE
 CHICAGO, IL 60607
 LIGHT POLE

SHEET TITLE
 GROUNDING DETAILS

SHEET NUMBER
 G-1

PLAN NOTES:

1. PLANS DEPICTED ARE GENERAL GUIDELINES FOR TEMPORARY VEHICULAR TRAFFIC CONTROL PLANS (TCP) TO INCLUDE PEDESTRIAN AND WORKER SAFETY. CONTRACTOR IS REQUIRED TO HAVE PREPARED A SITE-SPECIFIC TCP FOR REVIEW AND APPROVAL BY THE HIGHWAY AUTHORITY HAVING JURISDICTION. IF REQUIRED, THE FIRM PREPARING THE TCP SHALL BE AUTHORIZED OR CERTIFIED BY THE AUTHORITY HAVING JURISDICTION.
2. EXTEND CHANNELIZATION DEVICES INTO SHOULDER WHERE APPLICABLE.
3. DISTANCES AS INDICATED IN TABLE 1 SHOULD BE INCREASED FOR CONDITIONS THAT WOULD AFFECT STOPPING DISTANCE SUCH AS DOWNHILLS OR LIMITED SIGHT DISTANCES. DISTANCES CAN BE DECREASED FOR LOW-SPEED (RESIDENTIAL) AREAS WITH APPROVAL BY THE AUTHORITY HAVING JURISDICTION. NIGHT-TIME WORK IS PROHIBITED UNLESS IT IS REQUIRED AS A CONDITION OF APPROVAL BY THE HIGHWAY AND LOCAL AUTHORITY HAVING JURISDICTION.
4. SHOULDER TAPERS SHOULD BE 1/3 OF THE ON-STREET TAPER LENGTH.
5. MAINTAIN A MINIMUM LAKE WIDTH OF 10'.



§ - SIGN

POSTED SPEED (MPH)	DISTANCE BETWEEN SIGNS			TAPER	BUFFER
	A	B	C		
15	100	100	100	45	100
20	100	100	100	60	115
25	100	100	100	75	130
30	100	100	100	90	145
35	100	100	100	105	160
40	100	100	100	120	175
45	100	100	100	135	190
50	100	100	100	150	205
55	100	100	100	165	220
60	100	100	100	180	235
65	100	100	100	195	250
70	100	100	100	210	265
75	100	100	100	225	280
80	100	100	100	240	295
85	100	100	100	255	310
90	100	100	100	270	325
95	100	100	100	285	340
100	100	100	100	300	355

NOTES:

- A) DISTANCES IN FEET UNLESS OTHERWISE NOTED.
- B) CONSTRUCTION TO VERIFY (D) SPEED LIMIT.
- C) DISTANCES SHOWN ARE NOT VALID FOR LIMITED ACCESS HIGHWAYS. CONSULT STATE DOT MANUAL FOR DISTANCES.
- D) ADJUST DISTANCES TO COMPLY WITH REQUIREMENT OF THE STATE OR LOCAL HIGHWAY AUTHORITY HAVING JURISDICTION. SEE NOTE 1, SHEET TC-1.
- E) TAPER LENGTHS SHOWN BASED ON 12' LAKE WIDTH. SEE NOTE 1B, SHEET TC-2.

VEHICULAR TRAFFIC CONTROL PLAN - CURBSIDE PARKING

SCALE: NOT TO SCALE

mobilitie

120 S RIVERVIEW PLAZA,
SUITE 1800
CHICAGO, IL 60608
PHONE: (312) 638-5400

PROJECT NO. 18000001
DRAWN BY: J. ADAMSON
CHECKED BY: S. MILLER

PRELIM - NOT FOR CONSTRUCTION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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IF A 1/2" SCALE OF THE PLAN SET IS USED, THE USER MUST BE AWARE THAT THE DISTANCES SHOWN ARE BASED ON A 12' LAKE WIDTH. IF A 1/4" SCALE IS USED, THE DISTANCES SHOWN ARE BASED ON A 6' LAKE WIDTH.

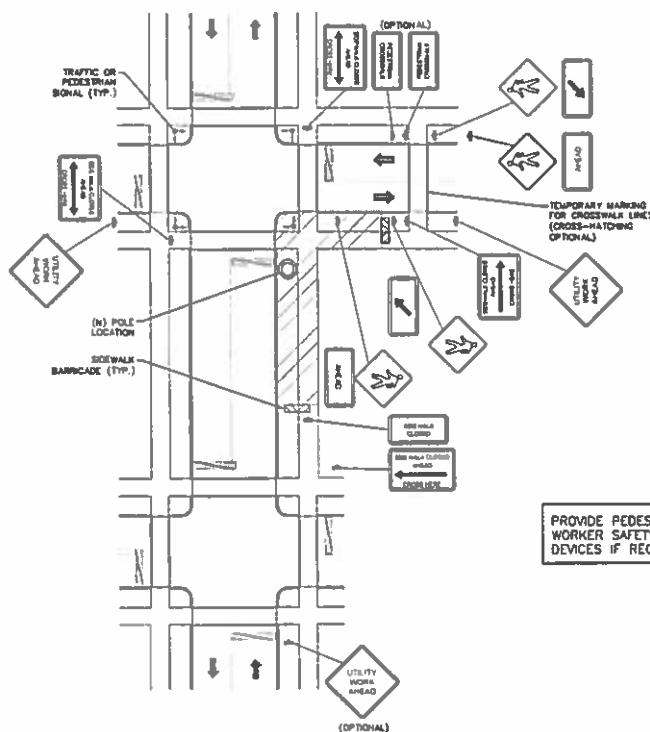
CHRONOS2X2B
MADISON ST &
S BOONVILLE AVE
CRAVENS PARK, IL 60007
LIGHT POLE

SHEET TITLE
VEHICULAR TRAFFIC
CONTROL PLAN

SHEET NUMBER

TC-1

- ALL TEMPORARY TRAFFIC CONTROL SIGNALS, LAYOUTS AND PROCEDURES SHALL COMPLY WITH LOCAL JURISDICTION, REGULATIONS AND MANUALS OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). LATEST EDITION, WHEREVER MORE STRINGENT.
- PRIOR TO ANY ROAD CONSTRUCTION, TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE IN PLACE.
- TRAFFIC CONTROL DEVICES FOR PLANE CLOSURES INCLUDING SIGNS, CONES, BARRICADES ETC SHALL BE PLACED AS SHOWN ON PLANS. SIGNS SHALL NOT BE PLACED WITHOUT ACTUAL LANE CLOSURES AND SHALL BE IMMEDIATELY REMOVED UPON REMOVAL OF THE CLOSURE.
- SELECTION, PLACEMENT, MAINTENANCE, AND PROTECTION OF TRAFFIC PEDESTRIANS, AND TRUCKS SHALL BE BASED ON THE FOLLOWING MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) - PART II. REQUIREMENTS UNLESS OTHERWISE NOTED IN THE PLANS AND SPECIFICATIONS, AND SHALL BE APPROVED BY THE APPROPRIATE HOVMA AUTHORITY HAVING JURISDICTION.
- ADVANCE WARNING SIGNS, DISTANCES, AND TAPER LENGTHS MAY BE EXTENDED TO ADJUST FOR REDUCED VISIBILITY DUE TO NONHORIZONTAL VERTICAL CURVATURE OF ROADWAY AND FOR ACTUAL TRAFFIC SPEEDS IF IN EXCESS OF POSTED SPEED LIMITS.
- TAPERS SHALL BE LOCATED TO MAXIMIZE THE VISIBILITY OF THEIR TOTAL LENGTH.
- CONFLICTING OR NON-OPERATING SIGNAL INDICATIONS ON THE (S) TRAFFIC SIGNAL SYSTEMS SHALL BE BLINKED OR COVERED.
- ALL (D) ROAD SIGNS, PAVEMENT MARKINGS AND/OR PLOWABLE PAVEMENT REFLECTORS WHICH CONFLICT WITH THE (H) TRAFFIC CONTROL PLAN SHALL BE COVERED, REMOVED, OR RELOCATED. ALL TRAFFIC CONTROL DEVICES OF ROADWAYS AND FOR ALL OTHER PRE-CONSTRUCTION CONDITION AFTER COMPLETION OF WORK.
- CONTRACTOR SHALL REQUEST LOCAL AUTHORITY HAVING HOVMA AND PRESCRIPTION AND PROVISIONS FOR ADDITIONAL TAPERS OR POLICE SUPERVISION, IF REQUIRED.
- ALL EXCAVATED AREAS WITHIN OR ADJACENT TO THE ROADWAY SHALL BE BACKFILLED AND PLACED ON A MINIMUM SIX (6) SLOPE PRIOR TO END OF EACH DAY. OTHER THAN BACKFILLING, TAPERS WITHIN THE CLEAR ZONE ARE TO BE EITHER BACKFILLED OR PRECAST CONCRETE TAPERS. TAPERS SHALL BE LOCATED AT AN ANGLE TEMPORARILY IN PLACE TO SHIELD VEHICULAR AND PEDESTRIAN TRAFFIC.
- WHERE OBTAINED BY LOCAL CONDITIONS, THE CONTRACTOR SHALL HAVE PROVISIONS FOR MAINTAINING PEDESTRIAN AND WORKER CROSSING LOCATIONS IN ACCORDANCE WITH ALL APPLICABLE CODES AND CITY ORDINANCES.
- CONSTRUCTION ZONE SPEED LIMIT IF REDUCED FROM POSTED LIMITS SHALL BE IN ACCORDANCE WITH MUTCD AND WILL BE DETERMINED BY THE AUTHORITY HAVING JURISDICTION.
- THERE SHALL BE NO WORKERS, EQUIPMENT, OR OTHER VEHICLES IN THE BUFFER SPACE OF THE ROAD.
- BIWAYS AND/OR SIDE STREETS ENTERING THE ROADWAY AFTER THE FIRST ADVANCE WARNING SIGN SHALL BE PROVIDED WITH AT LEAST ONE W20-1 SIGN (ROAD WORK AHEAD) AS A MINIMUM.
- CONES MAY BE SUBSTITUTED FOR DRUMS AND INSTALLED UPON THE APPROVAL OF THE AUTHORITY HAVING JURISDICTION PROVIDED THEY COMPLY WITH MUTCD.
- THE SPACING BETWEEN CONES, TUBULAR MARKERS, PATTERNED FIELDS, DRUMS, AND BARRICADES SHOULD NOT EXCEED A DISTANCE IN FEET EQUAL TO 1.4 TIMES THE SQUARE ROOT OF THE WIDTH OF THE TAPER CHANNELLIZATION, AND A DISTANCE IN FEET EQUAL TO 2.0 TIMES THE SPEED LIMIT IN MPH WHEN USED FOR TAPER CHANNELLIZATION.
- WHEN CHANNELLIZATION DEVICES HAVE THE POTENTIAL OF LEADING VEHICULAR TRAFFIC OUT OF THE INTENDED VEHICULAR TRAFFIC SPACE, THE CHANNELLIZATION DEVICES SHALL BE LOCATED AT A DISTANCE OF 2.0 TIMES THE SPEED LIMIT IN MPH BEYOND THE DOWNSTREAM END OF THE TRANSITION AREA.
- TAPER LENGTHS ARE CALCULATED AS FOLLOWS:
L= W²/40 (40 MPH AND HIGHER) OR L= W²/60 (60 AND 40 MPH),
WHERE L= STREET WIDTH IN FEET (W) AND
L= TAPER LENGTH IN FEET



PROVIDE PEDESTRIAN/
WORKER SAFETY CONTROL
DEVICES IF REQUIRED

1GA1R: NOT TO SCALE

120 S RIVERSIDE PLAZA,
SUITE 1800
CHICAGO, IL 60608
PHONE: (312) 638-5400

CONTROL BY	E. M. J. J. J.
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PRELIM - NOT FOR CONSTRUCTION

[illegible]

CH00182X29
94.80042948
MADISON ST &
B BOVILLE AVE
OAK PARK, IL 60307
LIGHT POLE

30-228 1 10/10

PEDESTRIAN SAFETY PLAN

6-4 自 1990 年起

TC-2

GENERAL CONSTRUCTION NOTES:

1. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE LOCAL BUILDING CODE, THE LATEST ADOPTED EDITION AND ALL OTHER APPLICABLE CODES AND ORDINANCES.
2. CONTRACTOR SHALL CONSTRUCT SITE IN ACCORDANCE WITH THESE DRAWINGS AND LATEST MOBILITE CONSTRUCTION STANDARDS. THE SPECIFICATION IS THE BASIS OF ALL WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING THEMSELVES WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER OR MOBILITE CM PRIOR TO THE COMMENCEMENT OF WORK. NO COMPENSATION WILL BE AWARDED BASED ON CLAIM OF LACK OF KNOWLEDGE OF FIELD CONDITIONS.
3. CONTRACTOR SHALL VISIT THE JOB SITE AND SHALL FAMILIARIZE THEMSELVES WITH ALL CONDITIONS AFFECTING THE (1) WORK AND SHALL MAKE PROVISIONS AS TO THE COST THEREOF. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER OR MOBILITE CM PRIOR TO THE COMMENCEMENT OF WORK. NO COMPENSATION WILL BE AWARDED BASED ON CLAIM OF LACK OF KNOWLEDGE OF FIELD CONDITIONS.
4. IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION. CONTRACTOR IS REQUIRED TO FURNISH AND INSTALL ANY/ALL ITEMS FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM SUBJECT ONLY TO OWNER-SUPPLIED ITEMS. CONTRACTOR SHALL PROVIDE ANY/ALL REQUIREMENTS FOR THE EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER.
5. PLANS ARE NOT TO BE SCALED. THESE PLANS ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE ONLY UNLESS OTHERWISE NOTED. THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT AND APPURTENANCES, AND LABOR NECESSARY TO EFFECT ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS. OWNER PROVIDED AND CONTRACTOR INSTALLED MATERIALS WILL INCLUDE THE FOLLOWING, UNLESS NOTED OTHERWISE:
 - A) TRANSMITTER
 - B) UHF ANTENNA AND MOUNTING BRACKET, GPS ANTENNAS AND RJ45 ANTENNAS
 - C) UHF COAX AND HANGERS
 - D) INTEGRATED LOAD CENTER
6. DIMENSIONS SHOWN ARE TO FINISH SURFACES UNLESS OTHERWISE NOTED. SPACING BETWEEN EQUIPMENT IS REQUIRED CLEARANCE. THEREFORE, IT IS CRITICAL TO FIELD VERIFY DIMENSIONS. SHOULD THERE BE ANY QUESTIONS REGARDING THE CONTRACT DOCUMENTS, (C) CONDITIONS AND/OR DESIGN INTENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING ANY DISCREPANCIES TO THE ATTENTION OF THE MOBILITE CM, IN WRITING, PRIOR TO THE COMMENCEMENT OF WORK.
7. DETAILS PROVIDED ARE FOR THE PURPOSE OF SHOWING DESIGN INTENT. MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR SITE CONDITIONS, AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK.
8. CONTRACTOR SHALL PAY FOR APPLICABLE PERMITS, FEES, INSPECTIONS AND TESTING. CONTRACTOR IS TO OBTAIN PERMITS AND APPROVED SUBMITTALS PRIOR TO ORDERING MATERIALS AND THE COMMENCEMENT OF WORK.
9. THE TOWN PROVIDED USED IN CONSTRUCTION DOCUMENTS AND SPECIFICATIONS, INDICATES THAT THE CONTRACTOR SHALL FURNISH AND INSTALL.
10. CONTRACTOR SHALL RECEIVE CLARIFICATION IN WRITING, AND SHALL RECEIVE IN WRITING AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEMS NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS.
11. CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING ACCEPTED INDUSTRY-STANDARD SKILLS AND ATTENTION. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER CONTRACT, UNLESS OTHERWISE NOTED.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF THE WORK AREA, ADJACENT AREAS AND BUILDING OCCUPANTS THAT ARE UNLIKELY TO BE AFFECTED BY THE WORK UNDER THIS CONTRACT. WORK SHALL CONFORM TO ALL OSHA REQUIREMENTS.
13. CONTRACTOR SHALL COORDINATE THEIR WORK WITH THE MOBILITE CM AND SCHEDULE THEIR ACTIVITIES AND WORKING HOURS IN ACCORDANCE WITH THE REQUIREMENTS.

14. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THEIR WORK WITH THE WORK OF OTHERS AS IT MAY RELATE TO RADIO EQUIPMENT, ANTENNAS AND ANY OTHER PORTIONS OF THE WORK.
15. CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS UNLESS SPECIFICALLY OTHERWISE INDICATED OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
16. CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT (1) SURFACES, EQUIPMENT, APPURTENANCES, PIPING ETC. AND MAKE/REPAIR, TO NEW OR EXISTING, ANY DAMAGE THAT OCCURS DURING CONSTRUCTION AT THE SOLE COST OF THE CONTRACTOR.
17. IN DRILLING HOLES, OR CORING, INTO CONCRETE WHETHER FOR FASTENING OR ANCHORING PURPOSES, OR PENETRATIONS THROUGH THE FLOOR FOR CONDUIT RUNS, PIPE RUNS, ETC. MUST BE CLEARLY UNDERSTOOD THAT REINFORCING STEEL SHALL NOT BE DRILLED INTO, CUT OR DAMAGED UNDER ANY CIRCUMSTANCES (UNLESS NOTED OTHERWISE). LOCATIONS OF REINFORCING STEEL ARE NOT DEFINITELY KNOWN AND THEREFORE MUST BE LOCATED BY THE CONTRACTOR USING APPROPRIATE METHODS AND EQUIPMENT PRIOR TO ANY DRILLING OR CORING OPERATIONS IN (1) CONCRETE.
 - A) LA - UNDERWATERS LABORATORIES
 - B) NEC - NATIONAL ELECTRICAL CODE
 - C) NEMA - NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
 - D) OSHA - OCCUPATIONAL SAFETY AND HEALTH ACT
 - E) SBC - STANDARD BUILDING CODE
 - F) NFPA - NATIONAL FIRE PROTECTION AGENCY
 - G) ANSI - AMERICAN NATIONAL STANDARDS INSTITUTE
 - H) IEEE - INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
 - I) ASTM - AMERICAN SOCIETY FOR TESTING MATERIALS
18. CONTRACTOR SHALL REPAIR TO NEW CONDITION ALL (1) WALL SURFACES DAMAGED DURING CONSTRUCTION SUCH THAT THEY MATCH AND BLEND IN WITH ADJACENT SURFACES.
19. CONTRACTOR SHALL SEAL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES OR MATERIALS WITH ULL LISTED AND FIRE CODE APPROVED MATERIALS AND SYSTEM THAT MEET OR EXCEED THE RATING OF THE ASSEMBLY IN WHICH THE NEW PENETRATION IS PLACED.
20. CONTRACTOR SHALL KEEP CONTRACT AREA CLEAN, HAZARD FREE, AND DISPOSE OF ALL DIRT, DEBRIS, AND SUBURB. EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY OF THE OWNER SHALL BE REMOVED. LEAVE PREMISES IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SHADDES OF ANY NATURE. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL ITEMS UNTIL COMPLETION OF CONSTRUCTION.
21. MINIMUM BEND RADIUS OF ANTENNA CABLES SHALL BE IN ACCORDANCE WITH CABLE MANUFACTURERS RECOMMENDATIONS.
22. CONTRACTOR SHALL MINIMIZE DISTURBANCE TO (C) SITE DURING CONSTRUCTION. DROPPED CONTROL MEASURES IF REQUIRED DURING CONSTRUCTION SHALL BE IN CONFORMANCE WITH JURISDICTIONAL OR STATE AND LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL, AND COORDINATED WITH LOCAL REGULATORY AGENCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ANY DROPPED CONTROL MEASURES, RECORD-KEEPING, MONITORING, AND REPORTING TO THE OWNER AND REGULATORY AUTHORITIES.
23. ALL CONSTRUCTION WORK IS TO ADHERE TO APPLICANT'S INTEGRATED CONSTRUCTION STANDARDS UNLESS STATE OR LOCAL CODE IS MORE STRINGENT.
24. THE INTENT OF THE PLANS AND SPECIFICATIONS IS TO PERFORM THE CONSTRUCTION IN ACCORDANCE WITH STATE BUILDING STANDARDS CODE AND STATE CODE OF REGULATIONS. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE APPROVED PLANS AND SPECIFICATIONS UNDER THE FINISHED WORK WILL NOT COMPLY PER STATE CODE OF REGULATIONS, A SCOPE OF WORK DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE JURISDICTION BEFORE PROCEEDING WITH THE WORK. A CHANGE ORDER FOR THAT SCOPE SHALL BE SUBMITTED TO THE MOBILITE CM PRIOR TO PROCEEDING WITH THE WORK.
25. ADEQUATE AND REQUIRED LIABILITY INSURANCE SHALL BE PROVIDED BY THE CONTRACTOR FOR PROTECTION AGAINST PUBLIC LOSS AND ANY/ALL PROPERTY DAMAGE FOR THE DURATION OF WORK.
26. CONTRACTOR SHALL GUARANTEE ANY/ALL MATERIALS AND WORK FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE YEAR FROM DATE OF ACCEPTANCE. ANY CORRECTIVE WORK SHALL BE COMPLETED AT THE SOLE COST OF THE CONTRACTOR.

ELECTRICAL NOTES:

1. ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ANY/ALL ELECTRICAL WORK INDICATED, ANY/ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH DRAWINGS AND ANY/ALL APPLICABLE SPECIFICATIONS. IF ANY PROBLEMS ARE ENCOUNTERED BY CORRELATING WITH THESE REQUIREMENTS, CONTRACTOR SHALL NOTIFY MOBILITE CM AS SOON AS POSSIBLE. AFTER THE DISCOVERY OF THE PROBLEMS, AND SHALL NOT PROCEED WITH THAT PORTION OF WORK UNTIL THE MOBILITE CM HAS DIRECTED THE CORRECTIVE ACTIONS TO BE TAKEN.

2. ELECTRICAL CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH ANY/ALL CONDITIONS AFFECTING ELECTRICAL AND COMMUNICATION INSTALLATION AND MAKE PROVISIONS AS TO THE COST THEREOF. ALL (1) CONDITIONS OF ELECTRICAL EQUIP., ETC. THAT ARE PART OF THE FINAL SYSTEM, SHALL BE IDENTIFIED BY THE CONTRACTOR PRIOR TO THE SUBMITTING OF THEIR BID. FAILURE TO COMPLY WITH THIS PARAGRAPH WILL IN NO WAY RELIEVE CONTRACTOR OF PERFORMING ALL WORK NECESSARY FOR A COMPLETE AND WORKING SYSTEM.
3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE NEC, ALL CODES AND ORDINANCES OF THE LOCAL JURISDICTION, AND POWER & TELEPHONE COMPANIES HAVING JURISDICTION AND SHALL INCLUDE BUT ARE NOT BE LIMITED TO:
 - A) LA - UNDERWATERS LABORATORIES
 - B) NEC - NATIONAL ELECTRICAL CODE
 - C) NEMA - NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
 - D) OSHA - OCCUPATIONAL SAFETY AND HEALTH ACT
 - E) SBC - STANDARD BUILDING CODE
 - F) NFPA - NATIONAL FIRE PROTECTION AGENCY
 - G) ANSI - AMERICAN NATIONAL STANDARDS INSTITUTE
 - H) IEEE - INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
 - I) ASTM - AMERICAN SOCIETY FOR TESTING MATERIALS
4. REFER TO SITE PLANS AND ELEVATIONS FOR EXACT LOCATIONS OF ALL EQUIPMENT, AND CONFIRM WITH MOBILITE CM ANY SIZES AND LOCATIONS WHEN HEADED.
5. (C) SERVICES CONTRACTOR SHALL NOT INTERRUPT (C) SERVICES WITHOUT WRITTEN PERMISSION OF THE OWNER.
6. CONTRACTOR SHALL CONFIRM WITH LOCAL UTILITY COMPANY ANY/ALL REQUIREMENTS SUCH AS THE LOAD SIZE RESTRICTIONS, CONDUIT ENTRY, SIZE OF TRANSFORMERS, SCHEDULED DOWNTIME FOR THE OWNER'S CONSTRUCTION, ETC. ANY/ALL CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE MOBILITE CM, PRIOR TO BEGINNING ANY WORK.
7. MINIMUM WIRE SIZE SHALL BE #12 AWG, NOT INCLUDING CONTROL WIRING, UNLESS NOTED OTHERWISE. ALL CONDUCTORS SHALL BE COPPER WITH THIN INSULATION, UNLESS OTHERWISE NOTED.
8. OUTLET BOXES SHALL BE PRESTRESSED STEEL IN DRY LOCATIONS, CAST ALLOY WITH THREADED NUTS IN WET/DAMP LOCATIONS AND SPECIAL ENCLOSURES FOR OTHER CLASSIFIED AREAS.
9. IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF THE CONSTRUCTION. CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS FOR A COMPLETE ELECTRICAL SYSTEM AND PROVIDE ALL REQUIREMENTS FOR THE EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER.
10. ELECTRICAL SYSTEM SHALL BE AS COMPLETELY AND EFFECTIVELY GROUNDED, AS REQUIRED BY SPECIFICATIONS, SET FORTH BY APPLICANT.
11. ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST CLASS, WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY FUNCTIONAL AND SHALL BE APPROVED BY THE MOBILITE CM AND LOCAL JURISDICTION. ANY DEFICIENCIES SHALL BE CORRECTED BY AN ELECTRICAL CONTRACTOR AT THE SOLE COST OF THE CONTRACTOR.
12. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION.

mobilitie
CONSTRUCTION

120 S RIVERSIDE PLAZA,
SUITE 1800
CHICAGO, IL 60606
PHONE: (312) 636-5400

PROJECT NO: 250000
DRAWN BY: JC ARSICION
CHECKED BY: S INGLIS

PRELIM - NOT FOR CONSTRUCTION

1. SUBMIT PRIOR TO ANY CONSTRUCTION

IF A PORTION OF THE JOB HAS BEEN COMPLETED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A LETTER FROM THE JURISDICTION, INDICATING THE COMPLETION OF THE WORK.

CHECKSHEET
BUDGET/ESTIMATE
MADISON ST &
8 BOONVILLE AVE
OAK PARK, IL 60302
LIGHT ROLL

SHEET TITLE
GENERAL NOTES

SHEET NUMBER
GN-1

- THE CORRECTION OF ANY DEFECTS SHALL BE COMPLETED BY THE CONTRACTOR WITHOUT ANY ADDITIONAL CHARGE AND SHALL INCLUDE THE REPLACEMENT OF THE DEFECTIVE PART AND/OR REPAIR OF THE INSTALLATION, WHICH MAY HAVE BEEN DAMAGED THEREBY.
14. CONTRACTOR SHALL PROVIDE AND INSTALL CONDUIT, CONDUCTORS, PULL WIRES, BOXES, COVER PLATES AND DEVICES FOR ALL OUTLETS AS INDICATED.
15. DITCHING AND BACK FILL: CONTRACTOR SHALL PROVIDE FOR ALL UNDERGROUND INSTALLED CONDUIT AND CABLES INCLUDING EXCAVATION AND BACKFILLING AND COMPACTION. REFER TO NOTES AND REQUIREMENTS "EXCAVATION, AND BACKFILLING."
16. MATERIALS, PRODUCTS AND EQUIPMENT, INCLUDING ALL COMPONENTS THEREOF SHALL BE NEW AND SHALL APPEAR ON THE LIST OF U.S. APPROVED ITEMS AND SHALL NOT EXCEED THE REQUIREMENTS OF THE NEC, NEMA AND IEC.
17. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OR MANUFACTURER'S CATALOG INFORMATION OF ANY/ALL EQUIPMENT AND ALL OTHER ELECTRICAL ITEMS FOR APPROVAL BY THE MOBILE CMO PRIOR TO INSTALLATION.
18. ANY CUTTING OR PATCHING DEEMED NECESSARY FOR ELECTRICAL WORK IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY AND SHALL BE INCLUDED IN THE PRICE FOR WORK AND IS PERFORMED TO THE SATISFACTION OF THE MOBILE CMO UPON FINAL ACCEPTANCE.
19. THE ELECTRICAL CONTRACTOR SHALL LABEL ALL PANELS WITH ONLY THE FOLLOING INFORMATION: ALL ELECTRICAL WORK SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
20. CIRCUIT-BREAKER SWITCHES SHALL BE UL-RATED, N.P., RATED HEAVY-DUTY, GROUND-FAULT AND GROUND-FAULT ENCLOSURES, AS REQUIRED BY EXPOSURE TYPE.
21. ALL CONNECTIONS SHALL BE MADE WITH A PROTECTIVE COATING OF AN ANTI-CORROSION COMPOUND KNOWN AS "ZINC-ORIE" BY LEADERSHORE CHEMICAL CO. OR ITS EQUIV. SURFACE SHALL BE PROTECTED BY AN ANTI-CORROSION SURFACE INCLUDING GROUND BARS, SHALL BE TREATED TO "NO SUBSTITUTIONS."
22. RACEWAYS: CONDUIT SHALL BE SCHEDULE 80 PVC WEATHING OR EXCEEDING NEMA 12C - 1890. CONTRACTOR SHALL PULL AND CAP EACH END OF SPARE LINES AND TIGHTLY COUPLERS AND PROVIDE TWO SEPARATE PULL STRINGS - 30 LBS. TEST POLYETHYLENE CORE. ALL CONDUIT BENDS SHALL BE A MINIMUM OF 4 FT. RADIUS. ALL FITTINGS SHALL BE SPECIFIED. SHALL MEET UL 6 FOR GALVANIZED STEEL. ALL FITTINGS SHALL BE SATISFACTORY FOR USE WITH THREADED RIGID CONDUIT. ALL THREADS WITH "WHITE ZINC" OR "COLD GALV."
23. SUPPORT OF ALL ELECTRICAL WORK SHALL BE AS REQUIRED BY NEC.
24. CONDUCTORS: CONTRACTOR SHALL USE 80% CONDUCTIVITY COPPER WITH TYPE THERM INSULATION, UNLESS OTHERWISE NOTED. 600 VOLT, COLOR CODED, USE SOLID CONDUCTORS FOR WIRE UP TO AND INCLUDING NO. 6 AWG. USE STRANDED CONDUCTORS FOR WIRE ABOVE NO. 6 AWG.
25. CONNECTORS FOR POWER CONDUCTORS: CONTRACTOR SHALL USE PRESSURE WELDED OR CRIMPED TYPES. ALL CONDUIT BENDS SHALL BE A MINIMUM OF 4 FT. WELDLESS MECHANICAL TERMINAL UNITS FOR NO. 8 AWG AND LARGER.
26. SERVICE: AS SPECIFIED ON THE DRAWINGS, OWNER OR OWNER'S AGENT WILL APPLY FOR POWER. ALL PROVISIONS FOR TEMPORARY POWER WILL BE OBTAINED BY THE CONTRACTOR.
27. TELEPHONE OR FIBER SERVICE: CONTRACTOR SHALL PROVIDE EMPTY CONDUITS WITH PULL STRINGS AS INDICATED ON DRAWINGS.
28. ELECTRICAL AND TELCO/FIBER RACEWAYS TO BE BURIED A MINIMUM DEPTH OF 30", UNLESS OTHERWISE NOTED.
29. CONTRACTOR SHALL PLACE 3" WIDE DETECTABLE WARNING TAPE AT A DEPTH OF 8" BELOW GROUND AND DIRECTLY ABOVE ELECTRICAL AND TELCO SERVICE CONDUITS. CAUTION TAPE TO READ "CAUTION BURIED ELECTRIC" OR "BURIED TELECOM".
30. ALL BOLTS SHALL BE 3-16 STAINLESS STEEL.

1. ALL HARDWARE SHALL BE 3-16 STAINLESS STEEL, INCLUDING LOCK WASHERS, COAT ALL SURFACES WITH AN ANTI-GRINDING COMPOUND, AS SPECIFIED, BEFORE WELDING. ALL HARDWARE SHALL BE STAINLESS STEEL 3/8" INCH DIAMETER OR SIZED TO MATCH COMPONENTS ON LOG SIZE.
2. FOR GROUND BOND TO STEEL COAT SURFACES WITH AN ANTI-GRINDING COMPOUND BETWEEN LOG AND STEEL COAT ALL SURFACES WITH AN ANTI-GRINDING COMPOUND BEFORE WELDING.
3. ALL STEEL CONDUIT SHALL BE BENDED AT BOTH ENDS WITH GROUNDSHAW BENDING.
4. ALL ELECTRICAL AND GROUNDING AT THE POLE SITE SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE (NEC), NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 720 (LATEST EDITION), AND MANUFACTURER.
5. ALL DETAILS ARE SHOWN IN OTHERS, TEXTS. ACTUAL GROUNDING INSTALLATION AND CONSTRUCTION MAY VARY DUE TO SITE SPECIFIC CONDITIONS.
6. GROUND ALL ANTIMAN BUSES, FRAMES, CABLE RAYS, AND OTHER METALLIC COMPONENTS USING AN GROUNDING WELD. FOLLOW ANTIMAN AND ITS MANUFACTURER'S PRACTICES FOR GROUNDING REQUIREMENTS.
7. ALL GROUND CONNECTIONS SHALL BE JG AND, UNLESS OTHERWISE NOTED, ALL WIRE SHALL BE COPPER WITH 30MM, UNLESS OTHERWISE NOTED. ALL GROUNDING WIRE SHALL BE SOLD IN COATED OR STRANDED GROUND INSULATED WIRE.
8. NOTIFY ARCHITECT/ENGINEER IF THERE ARE ANY DIFFICULTIES INSTALLING GROUNDING SYSTEM DUE TO SITE SOIL CONDITIONS.
9. ALL HORIZONTAL RAIL GROUNDING CONDUCTORS SHALL BE INSTALLED A MINIMUM OF 30" BELOW GROUND; 8" BELOW FRONT-LINE IN TRENCH, UNLESS OTHERWISE NOTED. SHALL BE COMPACTED AS REQUIRED BY ARCHITECT/ENGINEER.
10. ALL GROUND CONDUCTORS SHALL BE RAIL AS STRAIGHT AND SHORT AS POSSIBLE, WITH A MAXIMUM 1" BENDING RADIUS NOT LESS THAN 90 DEGREES.
11. ACCEPTABLE CONNECTIONS FOR GROUNDING SYSTEM SHALL BE:
 - A. BURNDY, HY-DRAD LULU APPLIED CONNECTIONS FOR OUTDOOR USE OR AS APPROVED BY LISTED PROJECT MANAGER.
 - B. CABLED, ECONOMIC WELDS (WELDED CONNECTIONS), NEW
 - C. ONE (1) OR TWO (2) HOLES THREADED COPPER COMPRESSION (LONG BARREL) FITTINGS.
12. ALL CRIMPED CONNECTIONS SHALL HAVE ENGRAVED MANUFACTURER'S DESIGNATION AND DATE AT THE CRIMP (DISTINGUISH FROM USE OF PROPER CRIMPING DEVICES) AND WELDED-PROOFED WITH HEAT SHIELD.
13. ALL CONNECTION HARDWARE SHALL BE TYPE 3-16 STAINLESS STEEL (NOT ATTRACTED TO MAGNETS).
14. ELECTRICAL SERVICE EQUIPMENT GROUNDINGS SHALL COMPLY WITH NEC, ARTICLE 250-42 AND SHALL BOND ALL (E) AND NEW GROUNDING ELECTRODES, NEW

1. BY CABLE, DATA CABLE, RADIO EQUIPMENT AND BACK HALL EQUIPMENT TESTING WILL COMPLY WITH CURRENT INDUSTRY STANDARDS AND OR THOSE STANDARDS OF THE EQUIPMENT MANUFACTURER OR PROVIDED TO THE CONTRACTOR PRIOR TO TESTING.
2. CONTRACTOR WILL USE THE APPROPRIATE CALIBRATED TESTING EQUIPMENT ON THE TESTING OF BY CABLE, DATA CABLE, RADIO EQUIPMENT AND BACK HALL EQUIPMENT THAT MEET INDUSTRY STANDARDS OF THE MANUFACTURER OR THOSE STANDARDS PROVIDED TO THE CONTRACTOR PRIOR TO TESTING.
3. CONTRACTOR TO VERIFY AND RECORD ALL TEST RESULTS AND PROVIDE THESE RESULTS WITHIN THE SUBMITTAL PACKAGE.

- ALL PERSONNEL INVOLVED IN THE TESTING OF W/ CABLE, DATA CABLE, RADIO EQUIPMENT AND BACK HALL EQUIPMENT WILL BE REQUIRED TO HAVE BEEN TRAINED AND OR CERTIFIED IN THE PROPER TESTING OF W/ CABLE, DATA CABLE, RADIO EQUIPMENT AND BACK HALL EQUIPMENT.
 5. ALL TEST RESULTS SHALL BE TIME STAMPED, RECORDED AND PRESENTED PRIOR TO EMERGENCY AND TURN UP OF ANY EQUIPMENT.
 6. OPS EQUIPMENT (WHEN REQUIRED) IS NOT TO BE TESTED OR ATTACHED TO ANY CABLE DURING TESTING, DOING SO WILL DAMAGE THE OPS UNIT.
 7. PRIOR TO TESTING IF THE CONTRACTOR HAS ANY QUESTIONS ABOUT THE TESTING PROCEDURES THEY ARE TO CALL AND OBTAIN ASSISTANCE FROM A QUALIFIED DESIGNATED TESTING REPRESENTATIVE.
 8. EQUIPMENT IS NOT TO BE EXERCISED UNTIL ALL TESTING HAS BEEN COMPLETED, APPROVED AND THE APPROPRIATE AUTHORITY HAS BEEN NOTIFIED AND GIVEN APPROVAL TO EXERCISE THE EQUIPMENT.
- SITE WORKING RULES:**
1. DO NOT EXCAVATE OR DISTURB BEYOND THE PROPERTY LINES OR LEASE LINES, UNLESS OTHERWISE NOTED.
 2. SIZE, LOCATION AND TYPE OF ANY UNDERGROUND UTILITIES OR IMPROVEMENTS SHALL BE ACCURATELY NOTED AND PLACED ON AS-BUILT DRAWINGS BY THE GENERAL CONTRACTOR AND TISSED TO ARCHITECT/ENGINEER AT COMPLETION OF PROJECT.
 3. ALL (C) UTILITIES, FACILITIES, CONDITIONS AND THEIR DIMENSIONS SHOWN ON PLANS HAVE BEEN PLOTTED FROM AVAILABLE RECORDS. THE ENGINEER AND OWNER ASSUME AND ACCEPT RESPONSIBILITY WHETHER AS TO THE SUFFICIENCY OF ACCURACY OF THE INFORMATION SHOWN ON THE PLANS OR THE NECESSITY OF THEIR REMOVAL OR ADJUSTMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXISTING FACILITIES AND UTILITIES PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR SHALL ALSO OBTAIN FROM EACH UTILITY COMPANY ANY DETAILED INFORMATION RELATIVE TO WORKING SCHEDULES AND METHODS OF REMOVING OR ADJUSTING (C) UTILITIES.
 4. CONTRACTOR SHALL VERIFY ALL (C) UTILITIES BOTH HORIZONTALLY AND VERTICALLY PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES OR DEFICIENCIES AS TO THE INFORMATION SHOWN ON THE PLANS WILL BE IMMEDIATELY REPORTED TO THE ARCHITECT/ENGINEER OR NONBITE CO. FOR REGULATION AND INSTRUCTION, AND NO PROJECT PROCEEDS UNTIL THE DEFICIENCIES ARE CORRECTED AND APPROVED AND CORRECTED BY THE ARCHITECT/ENGINEER. FAILURE TO SECURE SUCH INFORMATION MEANS CONTRACTOR WILL HAVE WORKED WITHOUT PROPER INFO AND EMPHATIC CONTRACTOR SHALL CALL LOCAL UTILITY LOCATE NOT WORK, SUCH AS 811, FOR UTILITY LOCATIONS A MINIMUM OF 48 HOURS PRIOR TO START OF CONSTRUCTION.
 5. ALL NEW AND (C) UTILITY STRUCTURES ON SITE AND IN AREAS TO BE DISTURBED BY CONSTRUCTION SHALL BE ADJUSTED TO FINISH ELEVATIONS PRIOR TO FINAL SPOILING OF WORK. ANY COST RELATED TO ADJUSTING (C) STRUCTURES SHALL BE BORNE SOLELY BY THE CONTRACTOR.
 6. GRADING OF THE SITE WORK AREA IS TO BE SMOOTH AND CONTIGUOUS IN SLOPE AND IS TO FEATHER INTO (C) GRADES AT THE DRAINING LINES.
 7. ALL TEMPORARY EXCAVATIONS FOR THE INSTALLATION OF FOUNDATIONS, UTILITIES, ETC. SHALL BE PROPERLY LAID BACK OR BRACED IN ACCORDANCE WITH CORRECT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REQUIREMENTS.

120 S RIVERSIDE PLAZA
SUITE 1800
CHICAGO, IL 60608
PHONE: (312) 838-5400

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[illegible]

It is a violation of the law for any person, company, or organization to use the name of a deceased person for the purpose of selling or promoting a product or service.

CH00R5ZX29
94J0042000
MADISON ST &
8 SCOVILLE AVE
OAK PARK, IL 60307

GENERAL NOTES

GN-2

SITE WORK NOTES (CONT'D)

8. STRUCTURAL FILL SUPPORTING PAVEMENTS SHALL BE COMPACTED TO 95% OF MAXIMUM STANDARD PROCTOR DRY DENSITY, UNLESS OTHERWISE NOTED.
 9. NEW GRADES NOT IN BUILDING AND DRIVEWAY IMPROVEMENT AREA TO BE ACHIEVED BY FILLING WITH APPROVED CLEAN FILL AND COMPACTED TO 95% OF STANDARD PROCTOR DENSITY.
 10. ALL FILL SHALL BE PLACED IN UNIFORM LIFTS. THE LIFT THICKNESS SHOULD NOT EXCEED THAT WHICH CAN BE PROPERLY COMPACTED THROUGHOUT ITS ENTIRE DEPTH WITH THE EQUIPMENT AVAILABLE.
 11. ANY FILL PLACED ON (E) SLOPES THAT ARE STEEPER THAN 10 HORIZONTAL TO 1 VERTICAL SHALL BE PROPERLY BENCHED INTO THE (E) SLOPE AS DIRECTED BY A GEOTECHNICAL ENGINEER.
 12. CONTRACTOR SHALL CLEAN ENTIRE SITE AFTER CONSTRUCTION SUCH THAT NO DEBRIS, PAPER, TRASH, NEEDS, BRUSH, EXCESS FILL, OR ANY OTHER DEPOSITS WILL REMAIN. ALL MATERIALS COLLECTED DURING CLEANING OPERATIONS SHALL BE DISPOSED OF OFF-SITE BY THE GENERAL CONTRACTOR.
 13. ALL TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH THE IMPROVEMENTS SHALL BE PROTECTED BY THE GENERAL CONTRACTOR.
 14. ALL SITE WORK SHALL BE CAREFULLY COORDINATED BY GENERAL CONTRACTOR WITH LOCAL UTILITY COMPANY, TELEPHONE COMPANY, AND ANY OTHER UTILITY COMPANIES HAVING JURISDICTION OVER THIS LOCATION.
- EROSION/SEDIMENTATION NOTES:**
1. ALL WORK PERFORMED SHALL BE DONE IN ACCORDANCE WITH ISSUED PERMITS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYMENT OF FEES AND PROPER CLEAN UP FOR AREAS IN VIOLATION.
 2. CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROLS DURING CONSTRUCTION FOR PROTECTION OF ADJACENT PROPERTIES, ROADSWAYS AND WATERWAYS. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE MAINTAINED IN PLACE THROUGH FINAL JURISDICTIONAL INSPECTION & RELEASE OF SITE.
 3. CONTRACTOR SHALL INSTALL/CONSTRUCT ALL NECESSARY SEDIMENT/BILT CONTROL, FENCING AND PROTECTIVE MEASURES AS REQUIRED BY THE LOCAL JURISDICTION WITHIN THE LIMITS OF SITE DISTURBANCE PRIOR TO CONSTRUCTION.
 4. NO SEDIMENT SHALL BE ALLOWED TO EXIT THE PROPERTY. THE CONTRACTOR IS RESPONSIBLE FOR TAKING ADEQUATE MEASURES FOR CONTROLLING EROSION. ADDITIONAL SEDIMENT CONTROL FENCING MAY BE REQUIRED IN ANY AREAS SUBJECT TO EROSION.
 5. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON THE SITE AT ALL TIMES WITH BILT AND EROSION CONTROL MEASURES MAINTAINED ON THE DOWNSTREAM SIDE OF SITE DRAINAGE. ANY DAMAGE TO ADJACENT PROPERTY AS A RESULT OF EROSION WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
 6. CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY INSPECTIONS AND ANY REPAIRS OF ALL SEDIMENT CONTROL MEASURES INCLUDING SEDIMENT REMOVAL AS NECESSARY.
 7. CLEARING OF VEGETATION AND TREE REMOVAL SHALL BE ONLY AS PERMITTED AND BE HELD TO A MINIMUM ONLY THOSE NECESSARY FOR CONSTRUCTION OF THE FACILITIES SHALL BE REMOVED.
 8. BIDDING AND MALCHING AND/OR SEEDING OF THE SITE WILL BE ACCOMPLISHED AS SOON AS POSSIBLE AFTER COMPLETION OF THE PROJECT FACILITIES AFFECTING LAND DISTURBANCE.
 9. CONTRACTOR SHALL PROVIDE ALL EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED BY LOCAL, COUNTY AND STATE CODES AND ORDINANCES TO PROTECT DRAINAGEWAYS FROM SOIL LOSS AND TO PREVENT ACCUMULATION OF SOIL AND SILT IN STREAMS AND DRAINAGE PANS LEAVING THE CONSTRUCTION AREA. THIS MAY INCLUDE, BUT IS NOT LIMITED TO SUCH MEASURES AS BILT FENCES, STRAW BALE SEDIMENT BARRIERS, AND CHECK DAMS.
 10. RIP RAP OF SIZES INDICATED SHALL CONSIST OF CLEAN, HARD, SOUND, DURABLE, UNIFORM IN QUALITY STONE FREE OF ANY DETRIMENTAL QUANTITY OF SOFT, FRAGILE, THIN, CLOVEATED OR LAMINATED PIECES, DISINTEGRATED MATERIAL, ORGANIC MATTER, OR, ALKALI OR OTHER DETRIMENTAL SUBSTANCES.

11. DO TO PLACE FILTER MATERIAL AT ALL CATCH BASINS ADJACENT TO CONSTRUCTION SITE TO PREVENT SOLID WASTE CONTAMINATION FROM EXTERNS BSEWER SYSTEM

FOUNDATION, EXCAVATION AND BACKFILL NOTES:

1. ALL FINAL GRADED SLOPES SHALL BE A MINIMUM OF 3 HORIZONTAL TO 1 VERTICAL, UNLESS OTHERWISE NOTED.
2. BACKFILL OF POLE SHALL BE PERFORMED IN ONE OF TWO OPTIONS:
A. PREPARED: RAINBOW INDUSTRIES POLE SETTING FOAM SHALL BE INSTALLED PER MANUFACTURER SPECS. FOAM SHALL ALWAYS BE USED FOR POOR SOILS.
B. SECONDARY: CONCRETE (REQUIRES MOBILITE ON WRITTEN APPROVAL).
NON-HAWE SOILS SHALL BE REMOVED FROM BORE AREA AND SHALL NOT BE REUSED FOR BACKFILL.
3. ALL EXCAVATIONS PREPARED FOR PLACEMENT OF CONCRETE SHALL BE OF UNDISTURBED SOILS, SUBSTANTIALLY HORIZONTAL, AND FREE FROM ANY LOOSE, UNSUITABLE MATERIAL OR FROZEN SOILS, AND WITHOUT THE PRESENCE OF POUNDING WATER. DRAINAGE FOR EXCESS GROUND WATER SHALL BE PROVIDED WHEN REQUIRED. COMPACTION OF SOILS UNDER CONCRETE PAD FOUNDATIONS SHALL NOT BE LESS THAN 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY FOR THE SOIL, IN ACCORDANCE WITH ASTM D1557.
4. CONCRETE FOUNDATIONS SHALL NOT BE PLACED ON ORGANIC OR UNSUITABLE MATERIAL IF ADEQUATE BEARING CAPACITY IS NOT ACHIEVED AT THE DESIGNED EXCAVATION DEPTH. THE UNSATISFACTORY SOIL SHALL BE EXCAVATED TO ITS FULL DEPTH AND EITHER BE REPLACED WITH MECHANICALLY COMPACTED GRANULAR MATERIAL OR THE EXCAVATION SHALL BE FILLED WITH CONCRETE OF THE SAME TYPE SPECIFIED FOR THE FOUNDATION. CRUSHED LIME STONE (C) MAY BE USED TO STABILIZE THE BOTTOM OF THE EXCAVATION. ANY STONE SUB BASE MATERIAL, IF USED, SHALL NOT SUBSTITUTE FOR REQUIRED THICKNESS OF CONCRETE.
5. ALL EXCAVATIONS SHALL BE CLEAN OF UNSUITABLE MATERIAL SUCH AS VEGETATION, TRASH, DEBRIS, AND SO FORTH PRIOR TO BACK FILLING. BACK FILL SHALL CONSIST OF APPROVED MATERIALS SUCH AS SAND, LOAM, SANDY CLAY, SAND AND GRAVEL, OR SOFT SHALE, FREE FROM CLUMPS OR LARGE STONES OVER 2 1/2" MAX DIMENSIONS. ALL BACK FILL SHALL BE PLACED IN COMPACTED LAYERS.
6. ALL FILL MATERIALS AND FOUNDATION BACK FILL SHALL BE PLACED IN MAXIMUM 6" THICK LIFTS BEFORE COMPACTION. EACH LIFT SHALL BE METTED IF REQUIRED AND COMPACTED TO NOT LESS THAN 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY FOR SOIL, IN ACCORDANCE WITH ASTM D1557.
7. NEWLY PLACED CONCRETE FOUNDATIONS SHALL CURE A MINIMUM OF 72 HRS PRIOR TO BACK FILLING.
8. FINISHED GRADING SHALL BE SLOPED TO PROVIDE POSITIVE DRAINAGE AND PREVENT STANDING WATER. THE FINAL (FINISH) ELEVATION OF SLAB FOUNDATIONS SHALL SLOPE AWAY IN ALL DIRECTIONS FROM THE CENTER. FINISH GRADE OF CONCRETE PADS SHALL BE A MINIMUM OF 4 INCHES ABOVE FINAL FINISH GRADE ELEVATIONS. PROVIDE SURFACE FILL DRAINS TO ESTABLISH SPECIFIED ELEVATIONS WHERE REQUIRED.
9. NEWLY GRADED GRAVEL SURFACE AREAS TO RECEIVE GRAVEL SHALL BE COVERED WITH GEOTEXTILE FABRIC TYPE: TYPAR-1401 AS MANUFACTURED BY TYPAR GEOTEXTILES OR AN APPROVED EQUIVALENT, SHOWN ON PLANS. THE GEOTEXTILE FABRIC SHALL BE BLACK IN COLOR TO CONTROL THE REOCCURRENCE OF VEGETATIVE GROWTH AND EXTEND TO WITHIN 1 FOOT OUTSIDE THE SITE FENCING OR ELECTRICAL GROUNDING SYSTEM PERIMETER WHEN EVER IS ORLATES. ALL FABRIC SHALL BE COVERED WITH A MINIMUM OF 4" DEEP COMPACTED STONE OR GRAVEL AS SPECIFIED, I.E. FOOT TYPE NO. 57 FOR FENCED COMPAUND, FOOT TYPE NO. 57 FOR ACCESS DRIVE AREA, UNLESS OTHERWISE NOTED.
10. IN ALL AREAS TO RECEIVE FILL, REMOVE ALL VEGETATION, TOPSOIL, DEBRIS, MET AND UNSATISFACTORY SOIL MATERIALS, OBSTRUCTIONS, AND DETRIMENTAL MATERIALS FROM GROUND SURFACE. PLOW STRIP OR BREAK UP SLOPED SURFACE STEEPER THAN 1 VERTICAL TO 4 HORIZONTAL SUCH THAT FILL MATERIAL WILL BOND WITH (E) PREPARED SOIL SURFACE.
11. WHEN SUB GRADE OR PREPARED GROUND SURFACE HAS A DENSITY LESS THAN THAT REQUIRED FOR THE FILL MATERIAL, SCARIFY THE GROUND SURFACE TO DEPTH REQUIRED, PLUVEZIE, MOISTURE-CONDITION AND/OR AERATE THE SOILS AND RECOMPACT TO THE REQUIRED DENSITY PRIOR TO PLACEMENT OF FILL.

12. IN AREAS WHICH (E) GRAVEL SURFACING IS REMOVED OR DISTURBED DURING CONSTRUCTION OPERATIONS, REPLACE GRAVEL SURFACING TO MATCH ADJACENT GRAVEL SURFACING AND RESTORED TO THE SAME THICKNESS AND COMPACTION AS SPECIFIED. ALL RESTORED GRAVEL SURFACING SHALL BE FREE FROM CORRUPTIONS AND WAVES.
13. (E) GRAVEL SURFACING MAY NOT BE REUSED.
14. GRAVEL SUB SURFACE SHALL BE PREPARED TO REQUIRED COMPACTION AND SUB GRADE ELEVATIONS BEFORE GRAVEL SURFACING IS PLACED AND/OR RESTORED. ANY LOOSE OR DISTURBED MATERIALS SHALL BE THOROUGHLY COMPACTED AND ANY DEPRESSIONS IN THE SUB GRADE SHALL BE FILLED AND COMPACTED WITH APPROVED SELECTED MATERIAL. GRAVEL SURFACING MATERIAL SHALL NOT BE USED FOR FILLING DEPRESSIONS IN THE SUB GRADE.
15. PROTECT (E) GRAVEL SURFACING AND SUB GRADE IN AREAS WHERE EQUIPMENT LOADS WILL OPERATE. USE PLANKING "WATTS" OR OTHER SUITABLE PROTECTION DESIGNED TO SPREAD EQUIPMENT LOADS AS MAY BE NECESSARY. REPAIR ANY DAMAGE TO (E) GRAVEL SURFACING OR SUB GRADE WHERE SUCH DAMAGE IS DUE TO THE CONTRACTORS OPERATIONS.
16. DAMAGE TO (E) STRUCTURES AND/OR UTILITIES RESULTING FROM CONTRACTORS NEGLIGENCE SHALL BE REPAIRED AND/OR REPLACED TO THE OWNERS SATISFACTION AT NO ADDITIONAL COST TO THE CONTRACT.
17. ALL SUITABLE BORROW MATERIAL FOR BACK FILL OF THE SITE SHALL BE INCLUDED IN THE BID. EXCESS TOPSOIL AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF SITE AT LOCATIONS APPROVED BY GOVERNING AGENCIES AT NO ADDITIONAL COST TO THE CONTRACT.

mobilitie

120 S RIVERSIDE PLAZA
SUITE 1000
CHICAGO, IL 60608
PHONE: (312) 636-3400

PROJECT NO. 000000
DESIGNED BY JC ABRAHAM
CHECKED BY S SHAPIRO

PRELIM - NOT FOR CONSTRUCTION

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IF IT IS A VIOLATION OF THE LAW FOR ANY PERSON, FIRM OR ENTITY TO REUSE OR REPRODUCE THIS PLAN OR ANY PART THEREOF, WITHOUT THE WRITTEN CONSENT OF THE ENGINEER, HE SHALL BE LIABLE THEREFOR.

CHECKED BY: S SHAPIRO
REVISIONS:
MADISON ST &
S BROWN ST
OWN PARK 1, 2000
LIGHT POLE

SHEET #15
GENERAL NOTES

SHEET NUMBER
GN-3

EXHIBIT B

SUMMARY OF FACILITIES

<u>Site ID</u>	<u>Site Latitude</u>	<u>Site Longitude</u>	<u>Permitted Date</u>	<u>Fees (Monthly)</u>
CH90XS850A	41.886684	-87.801975		\$300.00
CH90XS852B	41.888727	-87.801695		\$300.00
CH90XS854A	41.890493	-87.80442		\$300.00
CH90XSBT4A	41.87954	-87.802445		\$300.00
CH90XSCR5A	41.865544	-87.786497		\$300.00
CH90XSCR6B	41.86557	-87.783873		\$300.00
CH90XSHT7A	41.88818	-87.782911		\$300.00
CH90XSZX2B	41.87974	-87.788277		\$300.00

EXHIBIT C

(NOTE: This Affidavit must be completely filled out and signed by the Licensee or a determination that the contract is exempt from any section must be obtained.)

I. BUSINESS STATUS STATEMENT

I, the undersigned, being duly sworn, do state as follows:

A. Mobilitie, LLC (hereafter "Licensee") is a:

(Place mark in front of appropriate type of business)

_____ Corporation (if a C-Corporation, complete B)

_____ Partnership (if a Partnership, complete C)

_____ Individual Proprietorship (if an individual, complete D)

X Limited Liability Corporation (if an LLC, Complete C)

B. CORPORATION

The State of incorporation is:

The Corporate Officers are as follows:

President: _____

Vice President: _____

Secretary: _____

Treasurer: _____

C. PARTNERSHIP OR LLC

The partners or members are as follows:

Mobilitie Holdings, LLC

D. INDIVIDUAL PROPRIETORSHIP

The business address is:

Telephone: _____

My home address is:

Telephone: _____

E. Under penalty of perjury, Mobilitie, LLC certifies that 65-1212646 is its correct Federal Taxpayer Identification Number.

Mobilitie, LLC

By: _____

Its: _____

Subscribed and sworn to before me this _____ day of _____, 2017.

- NOTARY SEAL -

Notary Public