

THIS DRAWING IS
NOT A SITE SURVEY

THE PURPOSE OF THIS DRAWING IS
TO SHOW HOW THE DEVELOPED SITE
RELATES TO THE PARENT PARCEL AND
ADJACENT PROPERTIES. R.O.W.
MEASUREMENTS ARE APPROXIMATIONS.



AT&T MOBILITY
10550 W. CHARLESTON
SUITE B
LAS VEGAS, NV 89135



BLACK & VEATCH

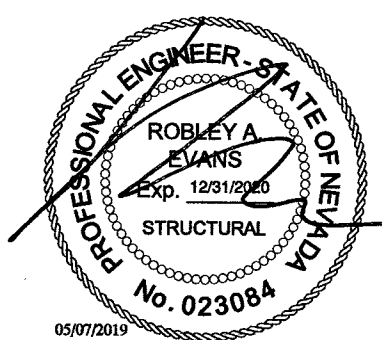
BLACK & VEATCH CORPORATION
8965 S EASTERN AVE
SUITE #325
LAS VEGAS, NV 89123

PROJECT NO: 129084.1512

DRAWN BY: SAL

CHECKED BY: GAC

0	05/06/19	ISSUED FOR REVIEW
REV	DATE	DESCRIPTION



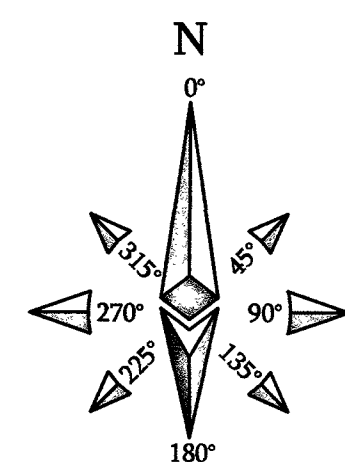
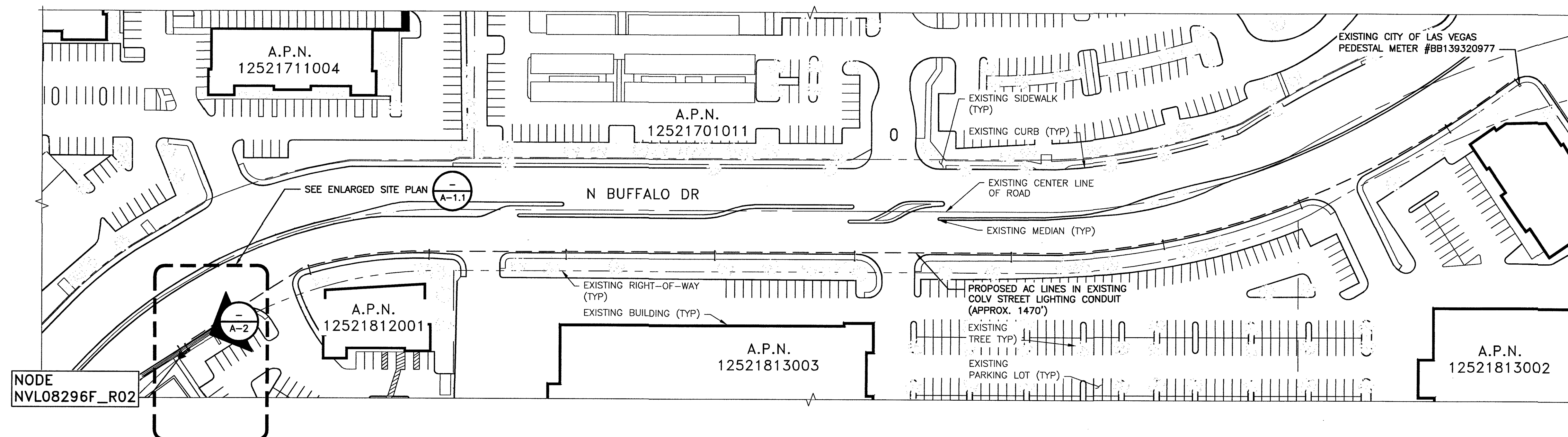
IT IS A VIOLATION OF LAW FOR ANY PERSON,
UNLESS THEY ARE ACTING UNDER THE DIRECTION
OF A LICENSED PROFESSIONAL ENGINEER,
TO ALTER THIS DOCUMENT.

NVL08296F_R02
ADJACENT TO
BUFFALO & SKYPOINT
LAS VEGAS, NV 89117
PICO SMALL CELL

SHEET TITLE
EXPANDED SITE PLAN
AND UTILITY ROUTE

SHEET NUMBER

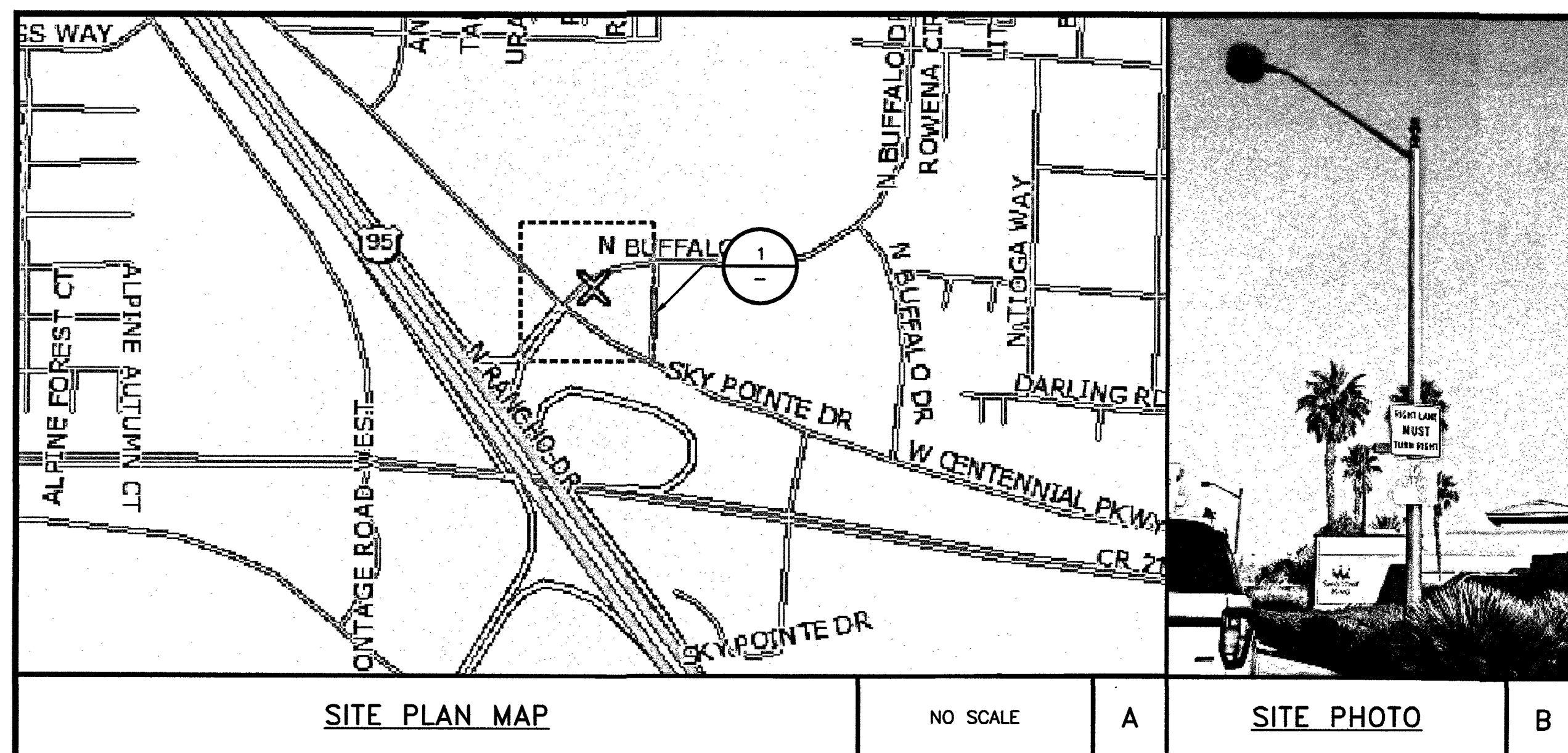
A-1



EXPANDED SITE PLAN AND UTILITY ROUTE

64' 32' 0 64' 128'
1/64"=1'-0"

A



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at&t

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BLACK & VEATCH

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PROFESSIONAL ENGINEER - STATE OF NEVADA

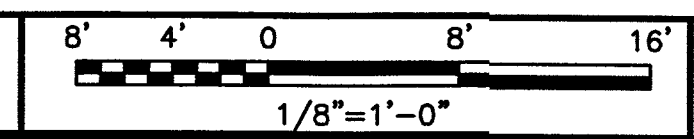
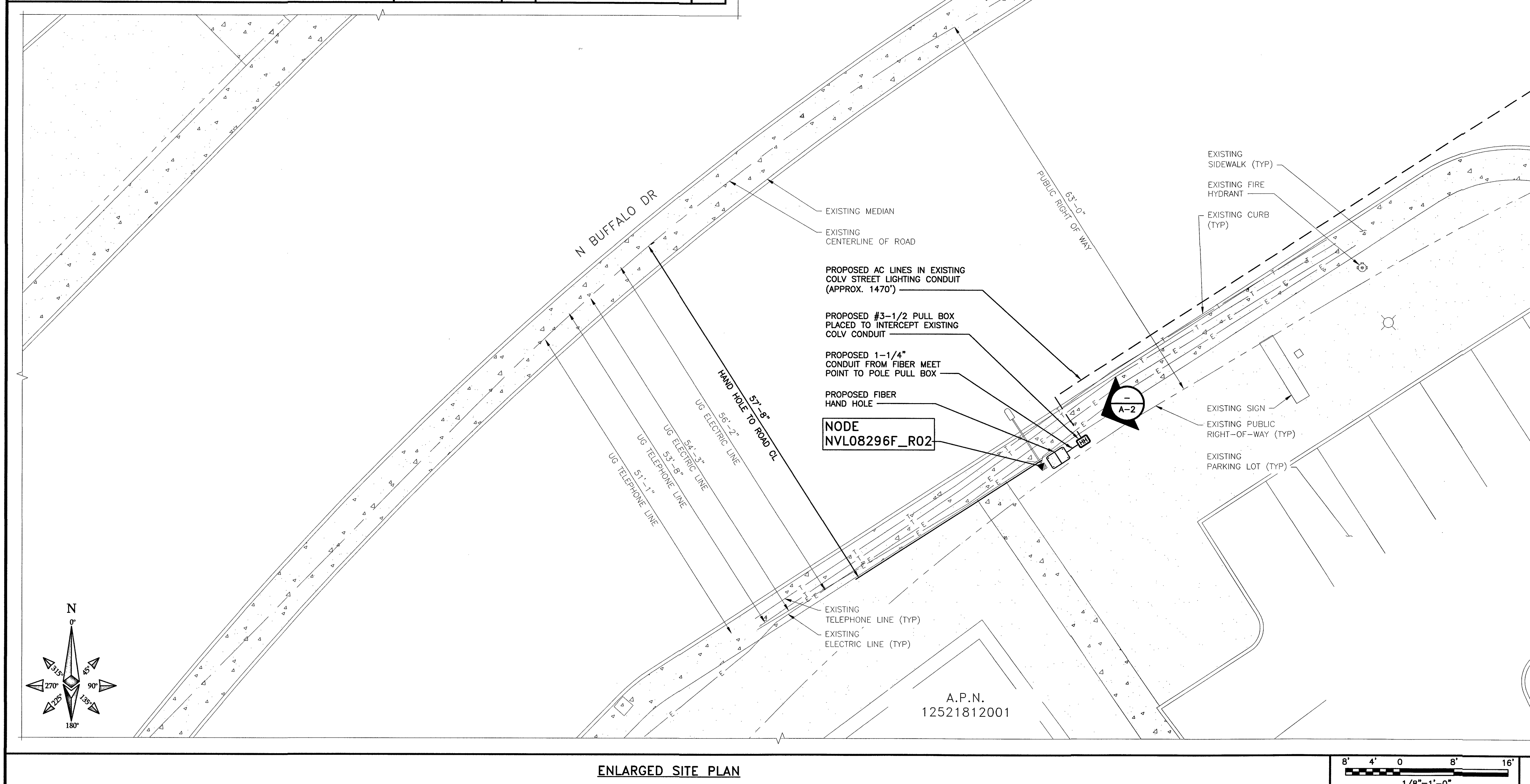
ROBBY A. EVANS
Exp. 12/2020
No. 023084

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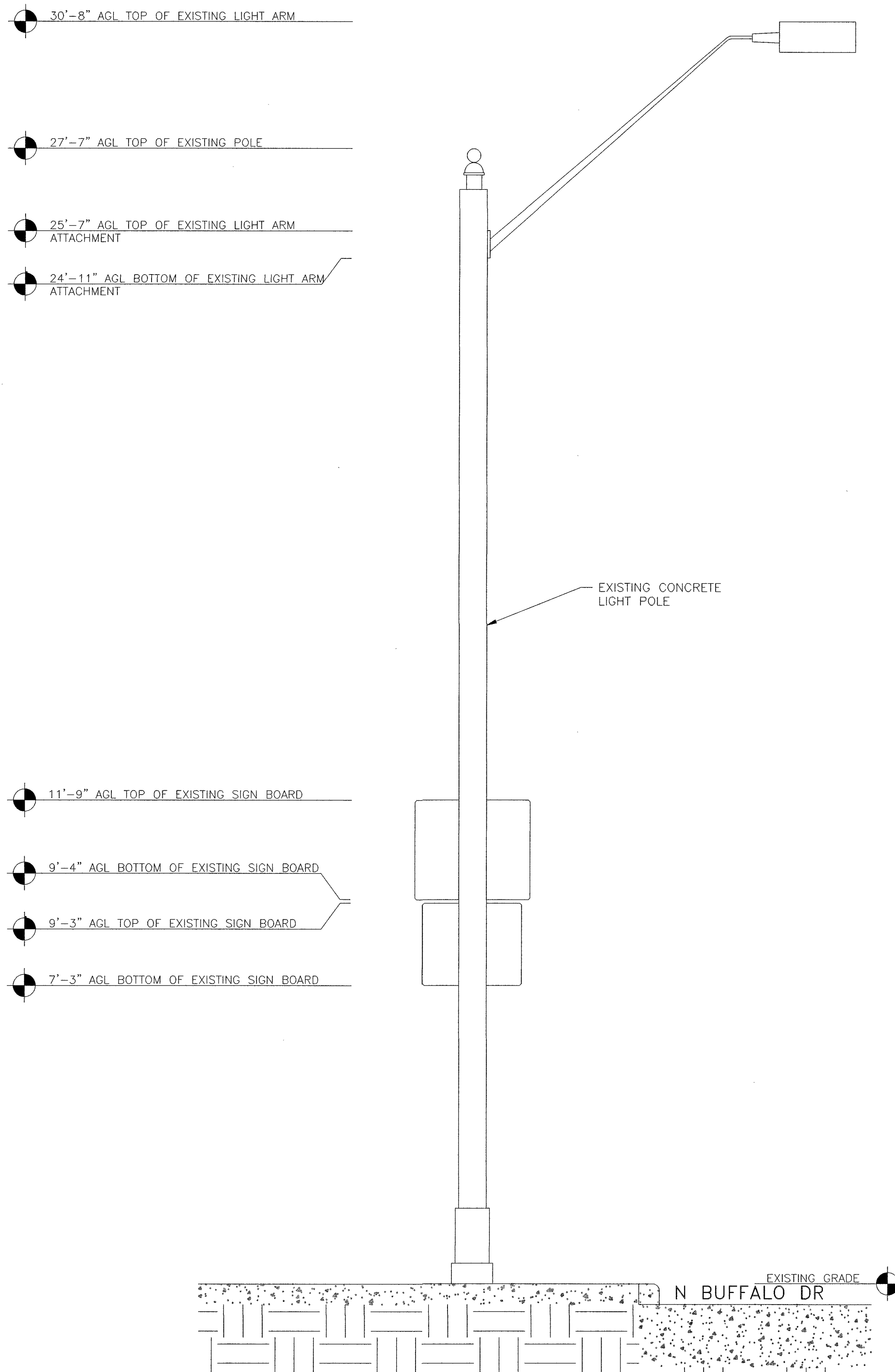
SHEET TITLE
ENLARGED SITE PLAN

SHEET NUMBER
A-1.1

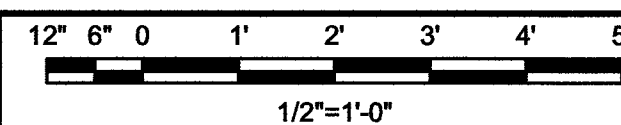


NOTE

THESE DRAWINGS HAVE BEEN CREATED BASED ON STRUCTURAL CALCULATIONS PERFORMED BY BLACK & VEATCH CONFIRMING THAT THE STRUCTURE HAS SUFFICIENT CAPACITY TO SUPPORT THE PROPOSED LOADING.



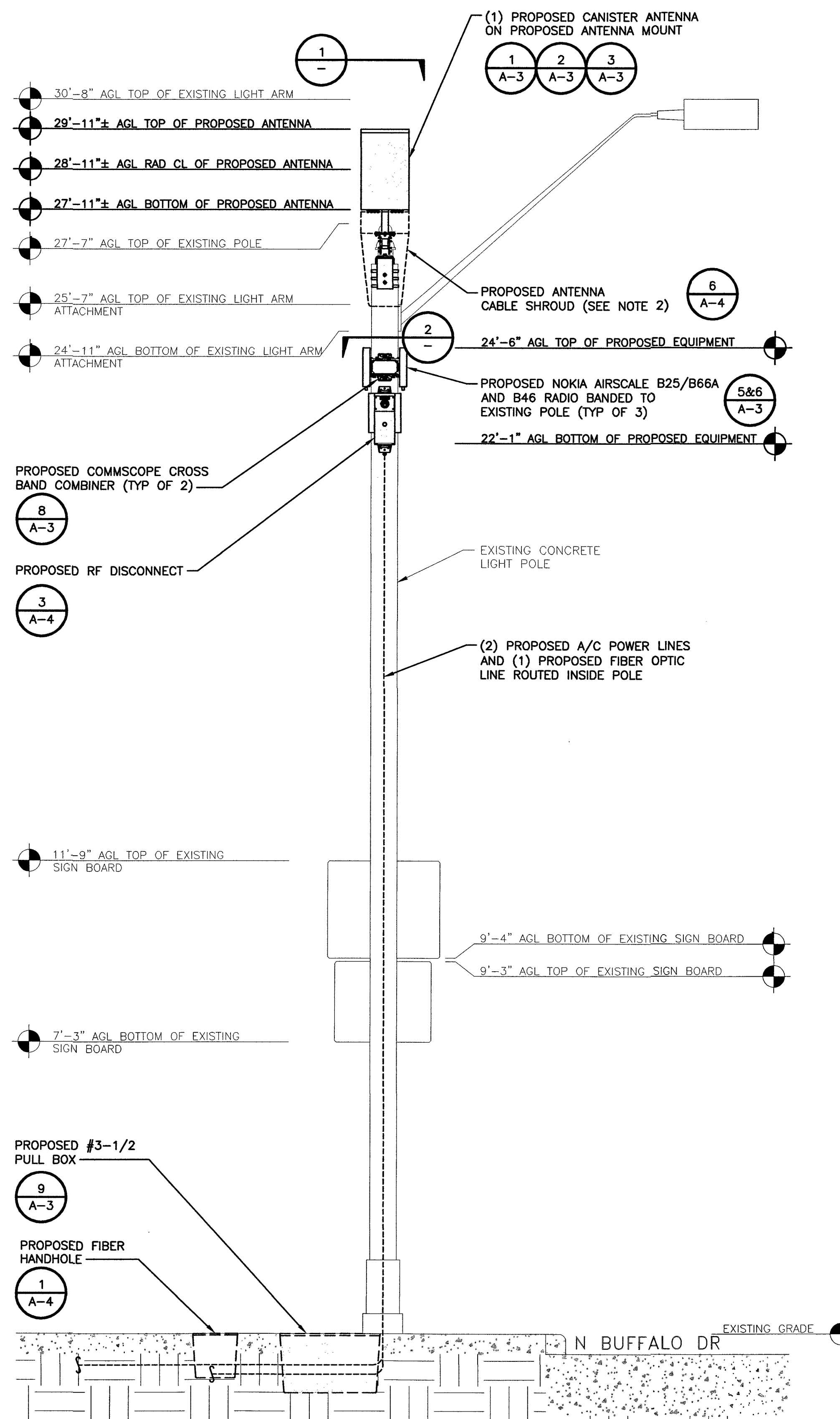
EXISTING NORTHEAST ELEVATION



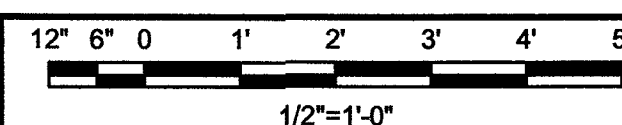
A

NOTE

1. REFER TO THE RFDS FOR THIS NODE FOR THE AZIMUTH INFORMATION.
2. CABLE SHROUD NOT ENTIRELY SHOWN FOR CLARITY.
3. ALL EQUIPMENT TO BE PAINTED TO MATCH EXISTING STRUCTURE.
4. ALL POLE PENETRATIONS TO BE SEALED AGAINST WATER AND INSECT INTRUSION



PROPOSED NORTHEAST ELEVATION

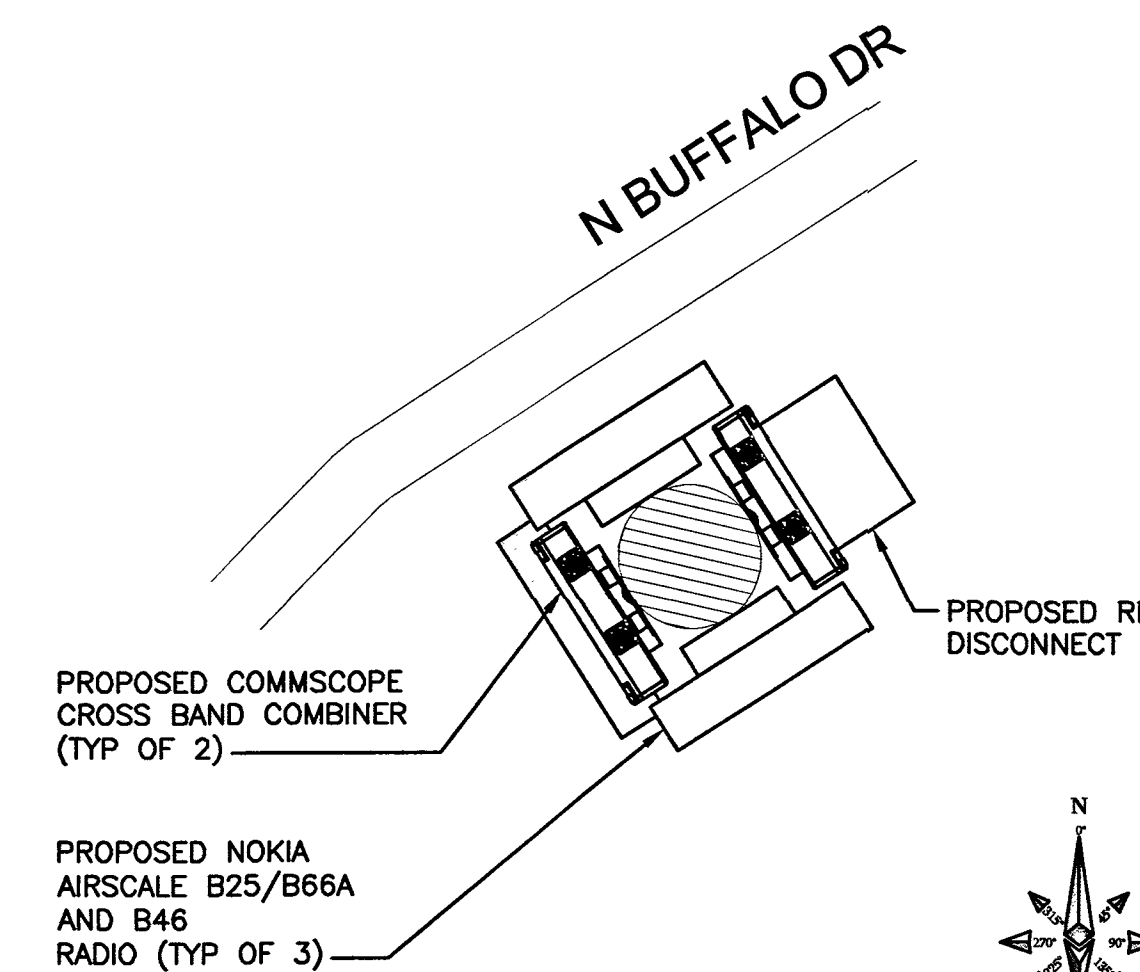


B

ANTENNA PLAN VIEW

NO SCALE

1



RADIO PLAN VIEW

NO SCALE

2

NOT USED

NO SCALE

3



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10550 W. CHARLESTON
SUITE B
LAS VEGAS, NV 89135



BLACK & VEATCH

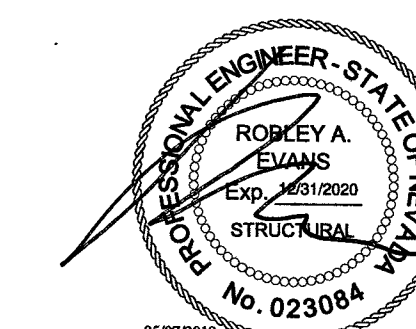
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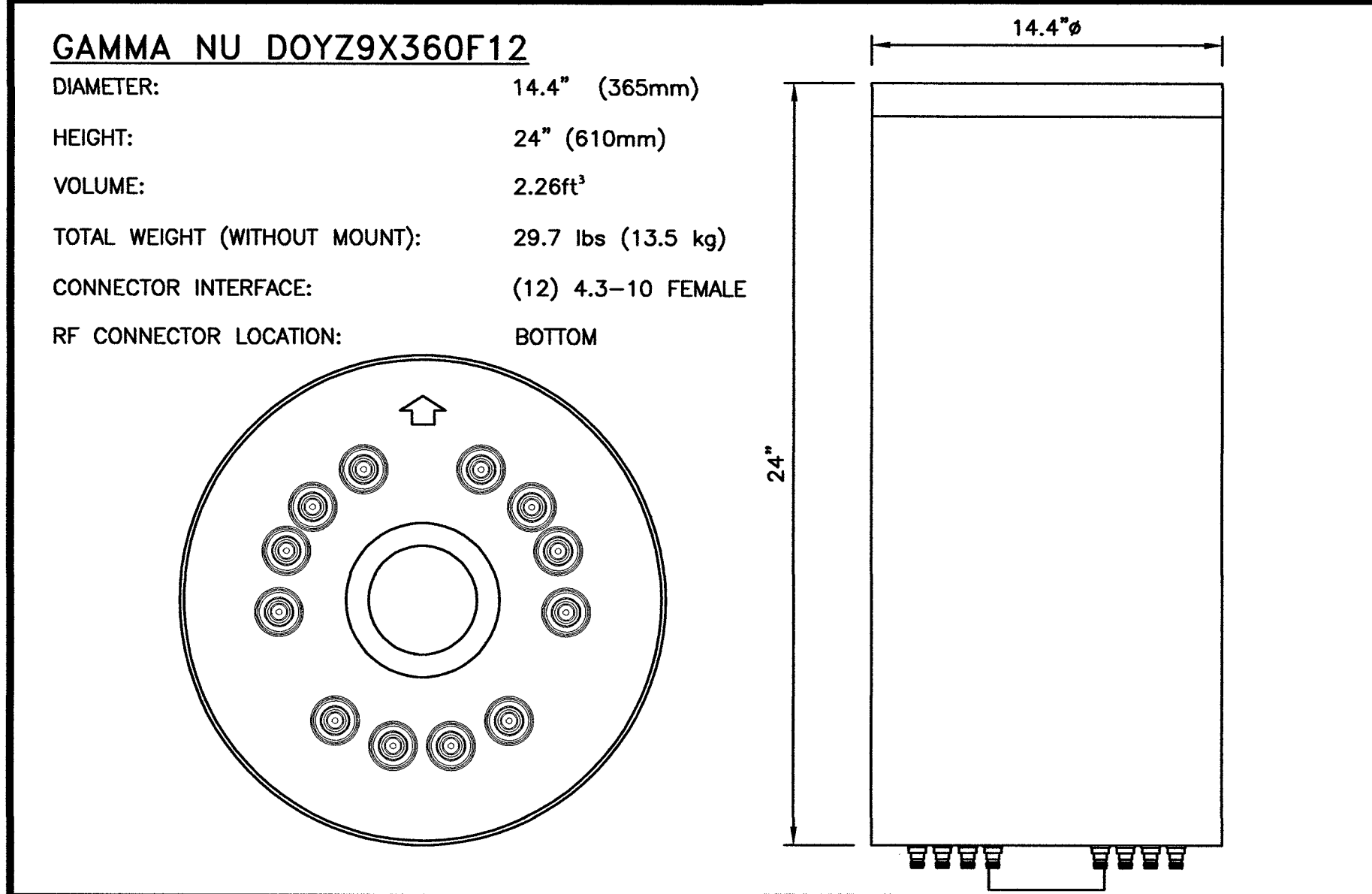
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LAS VEGAS, NV 89117
PICO SMALL CELL

SHEET TITLE
**POLE ELEVATIONS
AND RISER DETAILS**

SHEET NUMBER

A-2



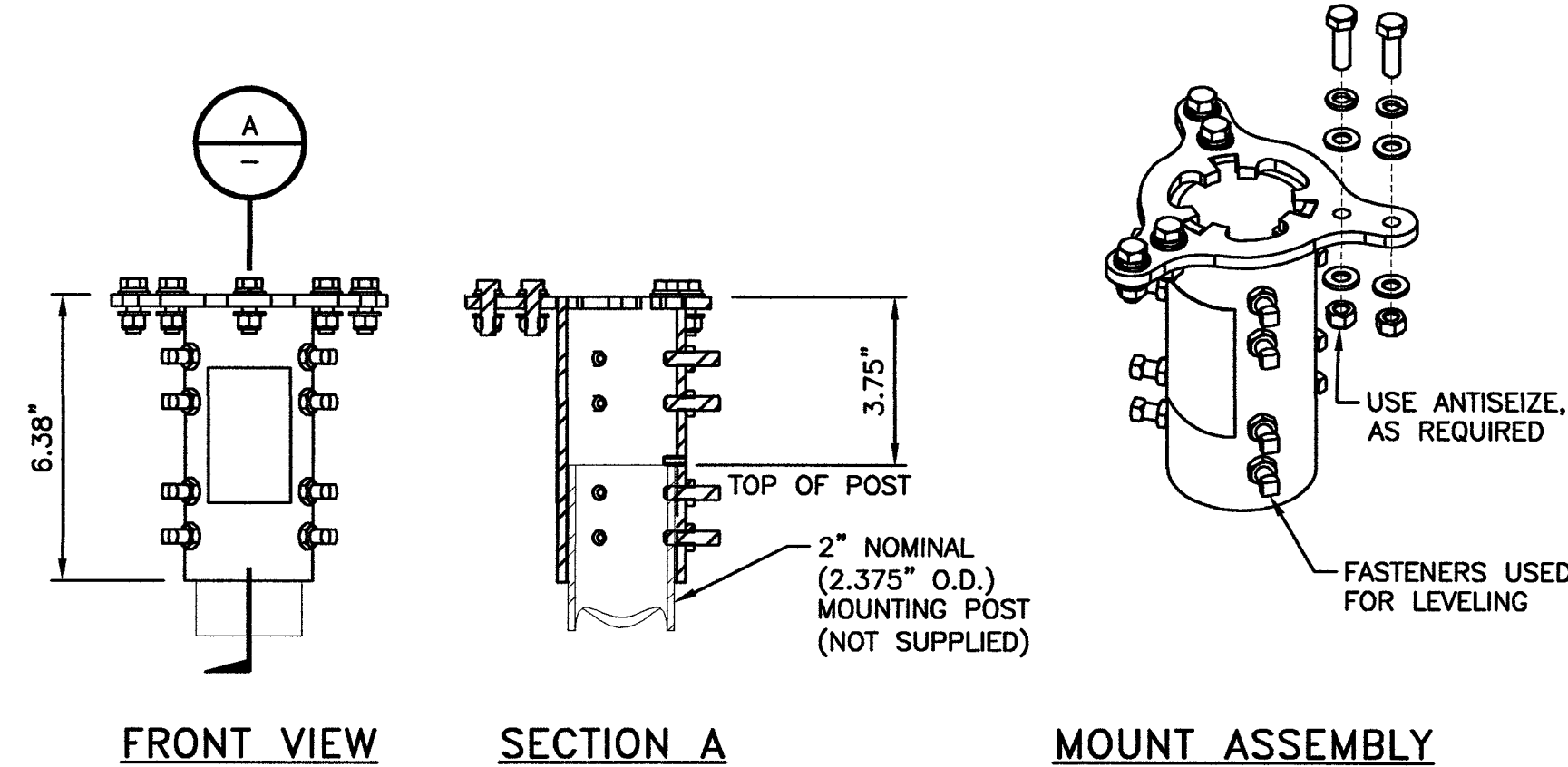
ANTENNA SPECIFICATIONS

NO SCALE

1

CONCEALFAB 900109

DIMENSIONS HxW: 6.38"x7.00" (162.05x178mm)
WEIGHT: 4.66 lbs (2.11 kg)
* DETAIL IS FOR GRAPHIC REPRESENTATION, CONTRACTOR MUST
REFERENCE MANUFACTURERS DRAWINGS PRIOR TO CONSTRUCTION.



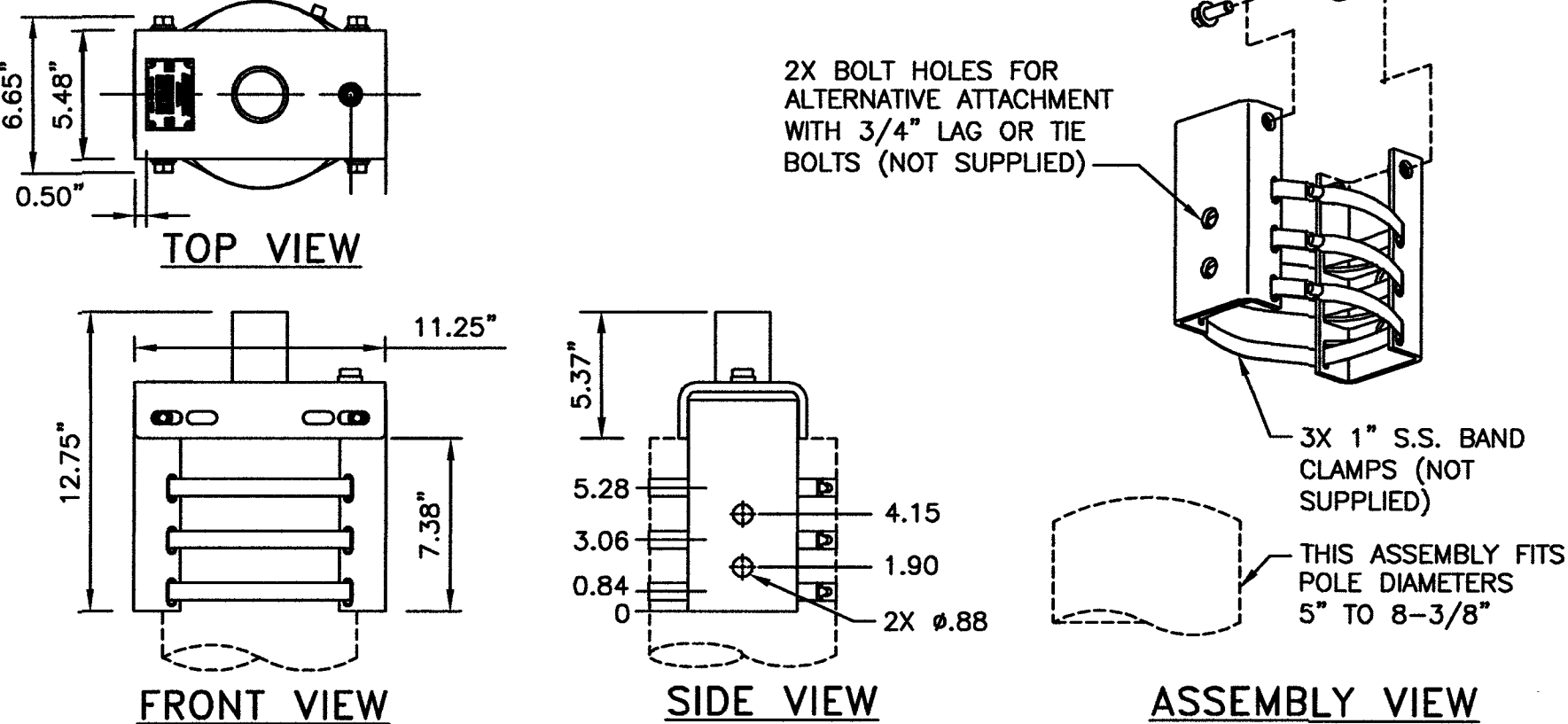
ANTENNA SLEEVE MOUNT

NO SCALE

2

CONCEALFAB 007948

DIMENSIONS HxWxL: 12.75"x6.65"x11.25" (324x169x285.75 mm)
WEIGHT: 22.74 lbs (10.31 kg)
* DETAIL IS FOR GRAPHIC REPRESENTATION, CONTRACTOR MUST
REFERENCE MANUFACTURERS DRAWINGS PRIOR TO CONSTRUCTION.



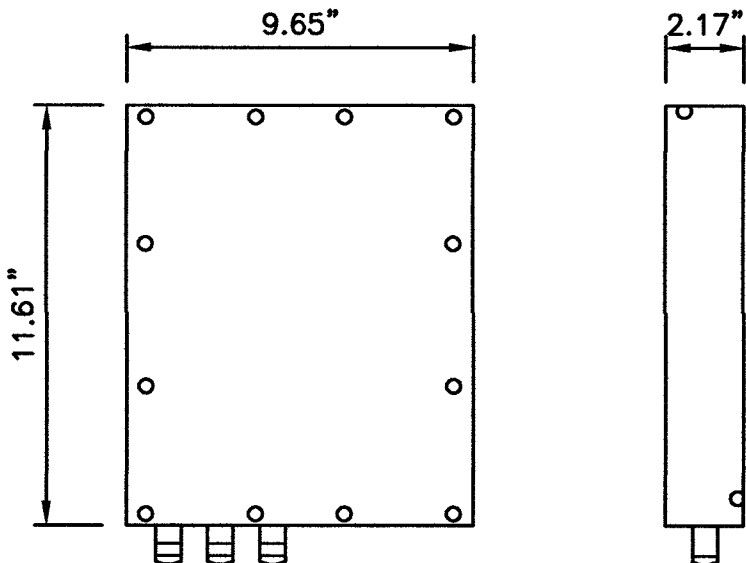
STANDARD POLE TOP MOUNT

NO SCALE

3

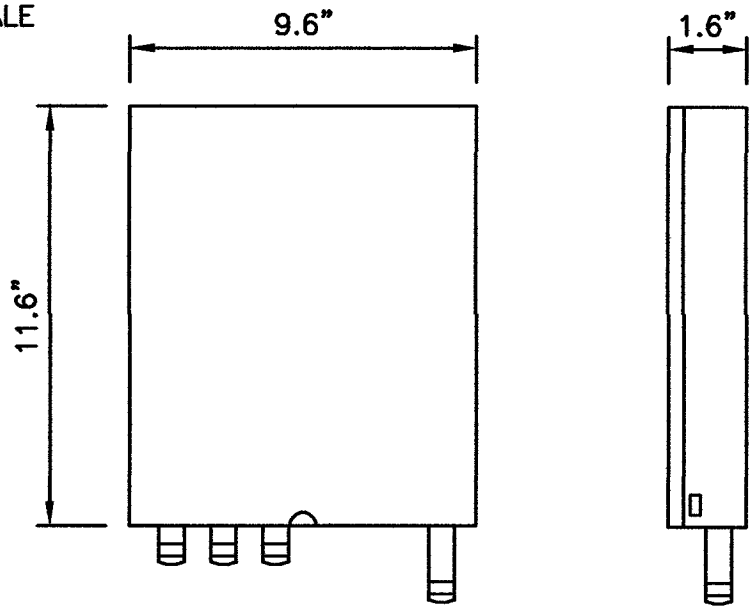
NOKIA AIRSCALE MICRO B25/B66A RRH

DIMENSIONS, HxWxD: 11.61"x9.65"x2.17" (295x245x55mm)
WEIGHT: 12.79 lbs (5.8 kg)
INTERFACES: (2) CPRI FRONTHAUL PORTS
(1) EXTERNAL ALARM PORT
POWER CONSUMPTION : TYP. 110W, MAX. 150W
TEMP. RANGE: -40°C TO +55°C



NOKIA AIRSCALE B46 (LAA) RRH

DIMENSIONS, HxWxD: 11.6"x9.6"x1.6" (294.64x243.84x40.64mm)
WEIGHT: 11.7 lbs (5.31 kg)
INTERFACES: (1) CPRI SFP INCLUDED
ANTENNA CONFIGURATION: 2T2R
RF: NEX10 PLUS FEMALE



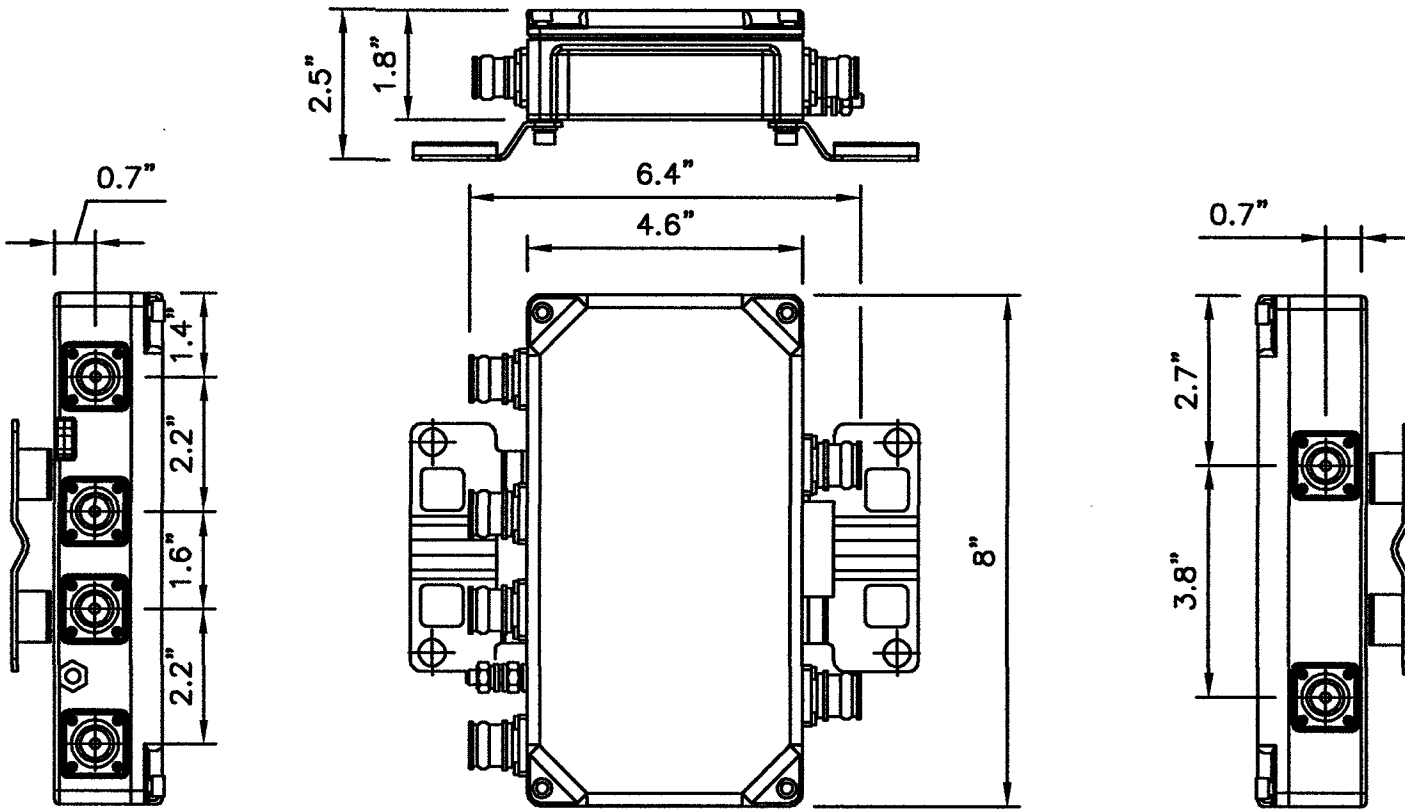
RADIO SPECIFICATIONS

NO SCALE

6

COMMSCOPE CBC1923T-4310 E11F13P06

DIMENSIONS, WxDxH: 4.6"x1.8"x8.3" (116x46x212mm)
CONNECTORS: MODULES: (4) 4.3-10 DIN FEMALE
ANT: (2) 4.3-10 DIN FEMALE
WEIGHT: 4.9 lbs (2.2 kg)



COMBINER SPECIFICATIONS

NO SCALE

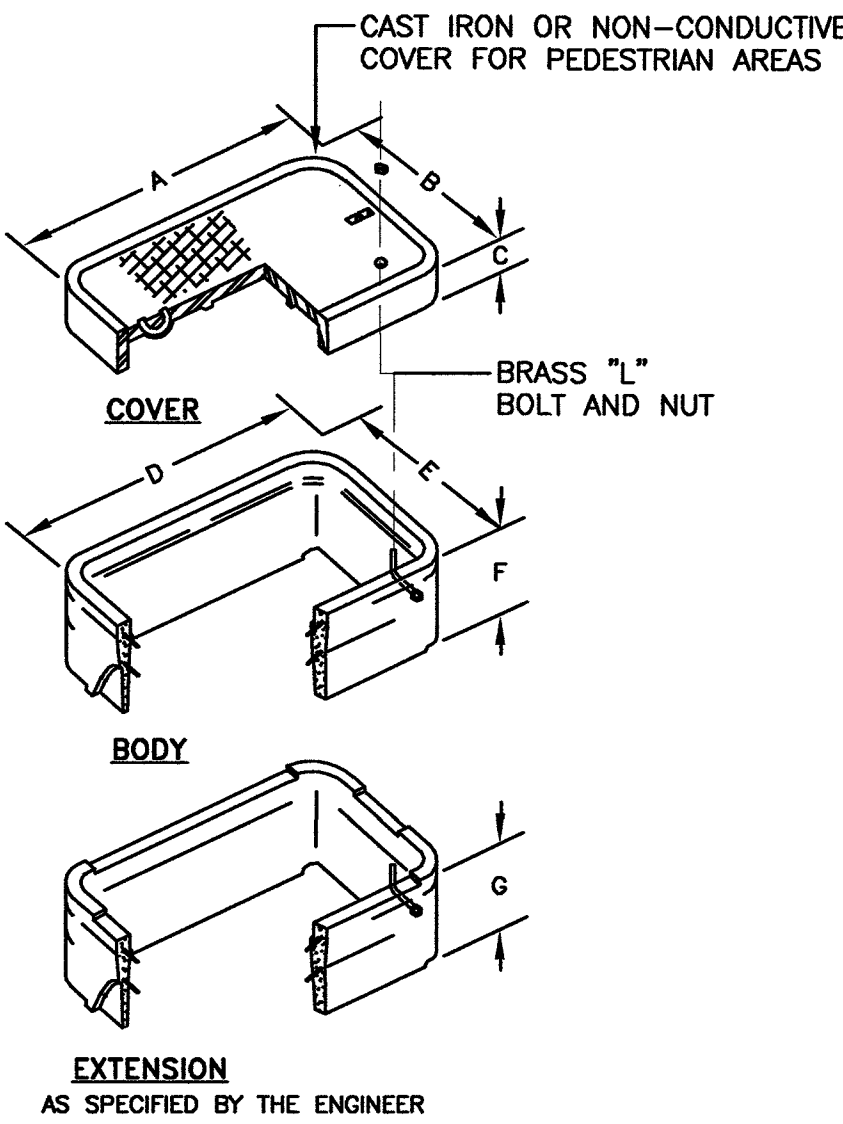
8

NOTES

- COVERS INSTALLED IN TRAFFIC AND OPEN AREAS ACCESSIBLE TO TRAFFIC SHALL BE PER STANDARD DRAWING NO. 327.
- SEE STANDARD DRAWING NO. 323 FOR COVER GROUNDING.
- REFER TO SHEET GN-1 FOR ADDITIONAL HANDHOLE NOTES.

PULL BOX SIZE (COMMERCIAL DESIGNATION)			
	3-1/2	5	7
A	15	21-3/4	30-5/8
B	10	11-3/4	17-5/8
C	3/4	2	2
D	19-3/8	25	34-3/4
E	14-3/8	15	21-3/4
F	12	12	12
G	N/A	10-1/4	11-1/2

NOMINAL DIMENSION IN INCHES



CONCRETE PULL BOX SPECIFICATIONS

NO SCALE

9



AT&T MOBILITY
10550 W. CHARLESTON
SUITE B
LAS VEGAS, NV 89135



BLACK & VEATCH

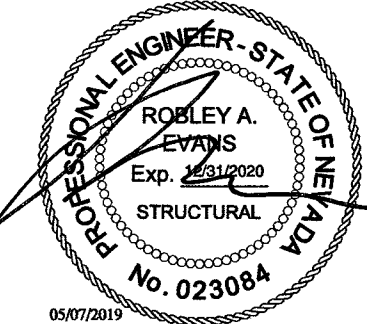
BLACK & VEATCH CORPORATION
8965 S EASTERN AVE
SUITE #325
LAS VEGAS, NV 89123

PROJECT NO: 129084.1512

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ADJACENT TO
BUFFALO & SKYPOINT
LAS VEGAS, NV 89117
PICO SMALL CELL

SHEET TITLE
EQUIPMENT DETAILS

SHEET NUMBER

A-3

FCA243624T-00006 FIBERGLASS/PCX POLYMER CONCRETE ASSEMBLY

DIMENSIONS (LxWxH): 36"x24"x24"

INTERIOR DIMENSIONS (LxWxH): 33"x21"x21"

- USDA/RUS APPROVED
- DROP-IN NAMEPLATE
- SHIPPED ASSEMBLED
- SKID RESISTANT COVER
- STAINLESS STEEL BOLTS
- CAST-IN FLOATING NUT BOX
- INTEGRAL DRAIN HOLES

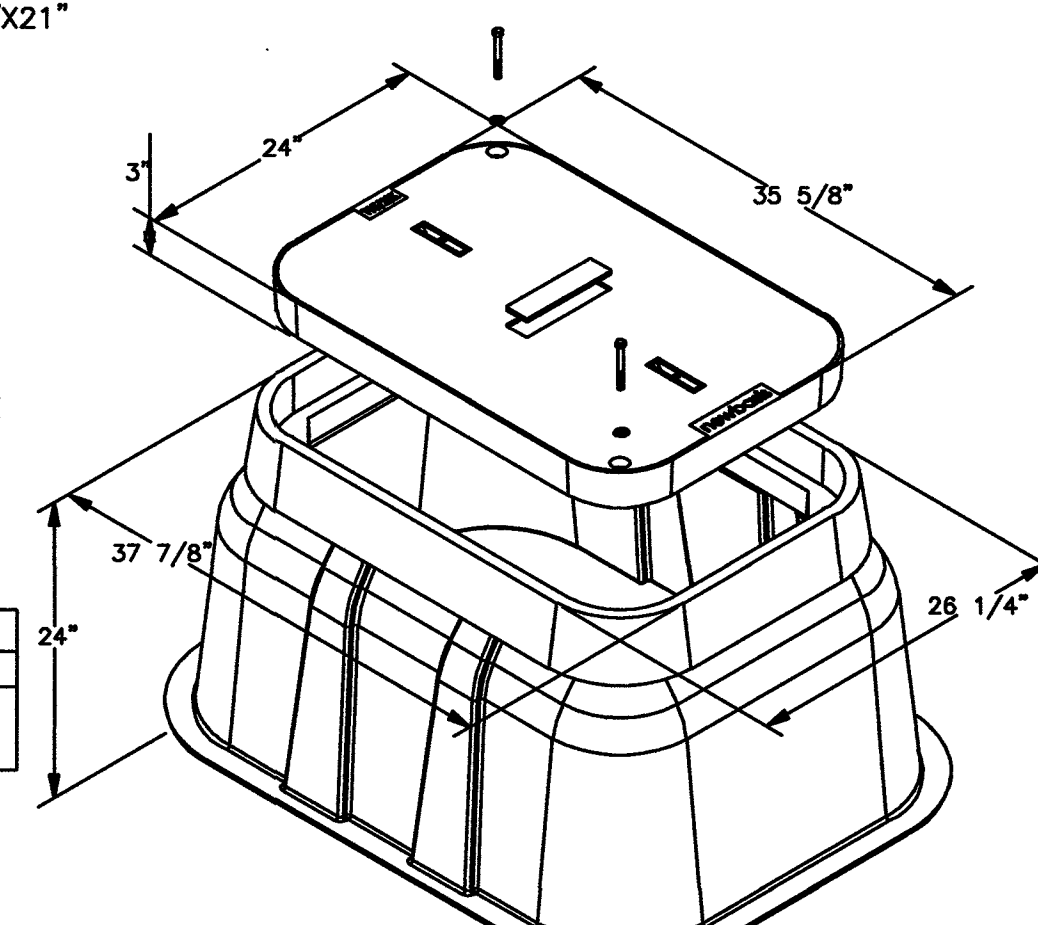
LOAD RATINGS:

INCIDENTAL TRAFFIC - PARKING LOT, SIDEWALK

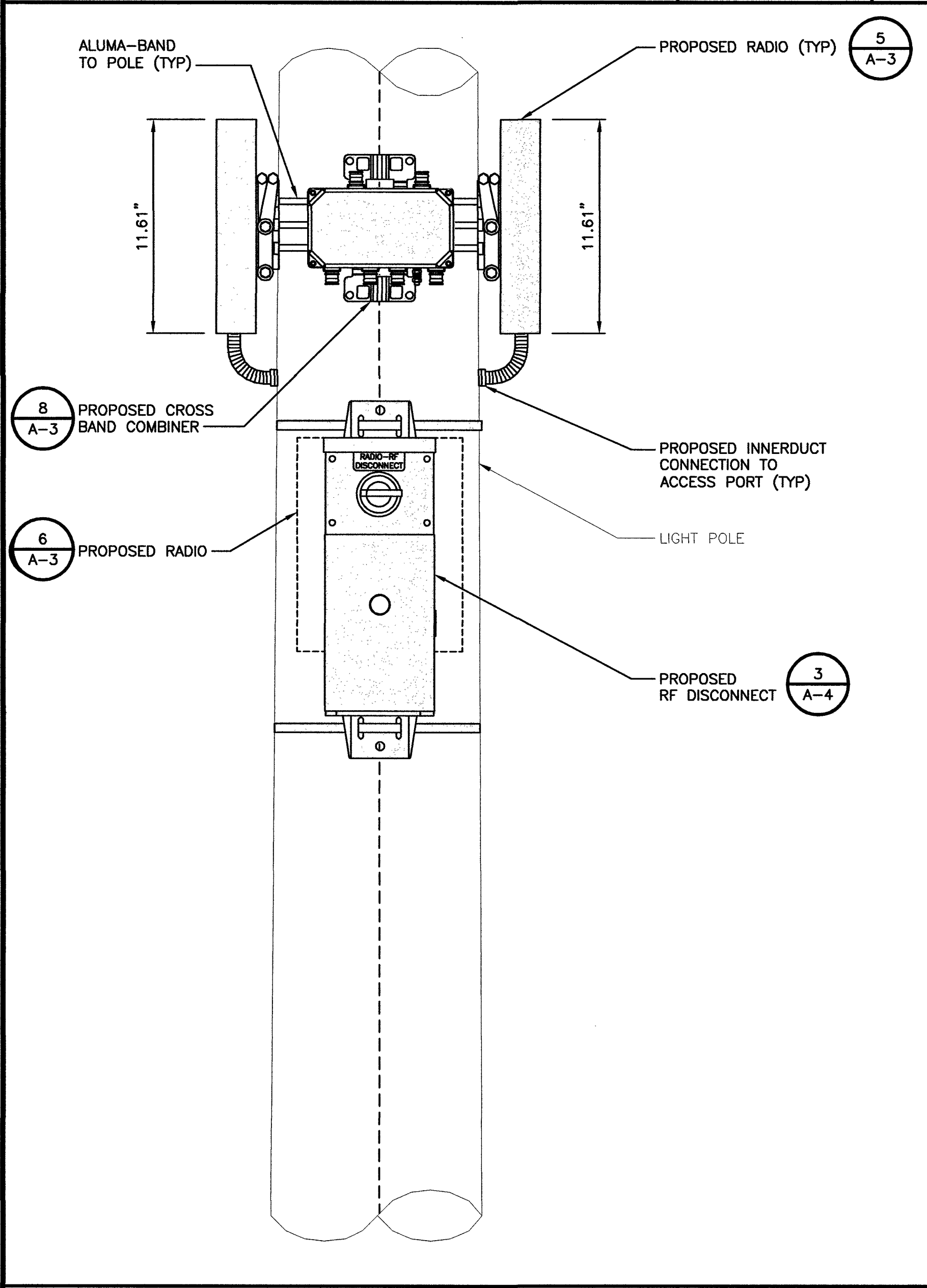
CONFORMS TO:

- WUC 3.6
- ASTM C 857
- ANSI/SCTE 77 -T15/20K"

INSIDE DIMENSIONS		
Length	Width	Depth
33 1/8"	21 1/2"	21"
43 7/8"	32 3/8"	21"



HAND HOLE SPECIFICATIONS	NO SCALE	1
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EQUIPMENT PLACEMENT DETAIL	NO SCALE	4
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PACTECHSOL PTS90123

DIMENSIONS, HxWxD (VOLUME): 16.15"x6.68"x6.285" (0.39ft³)

OPERATING VOLTAGE: 120 VAC

MAIN BREAKER: 60 amps

NUMBER OF BREAKERS (MAX): (5) UL-489 BREAKERS: 0-25 amp; DUAL SPD

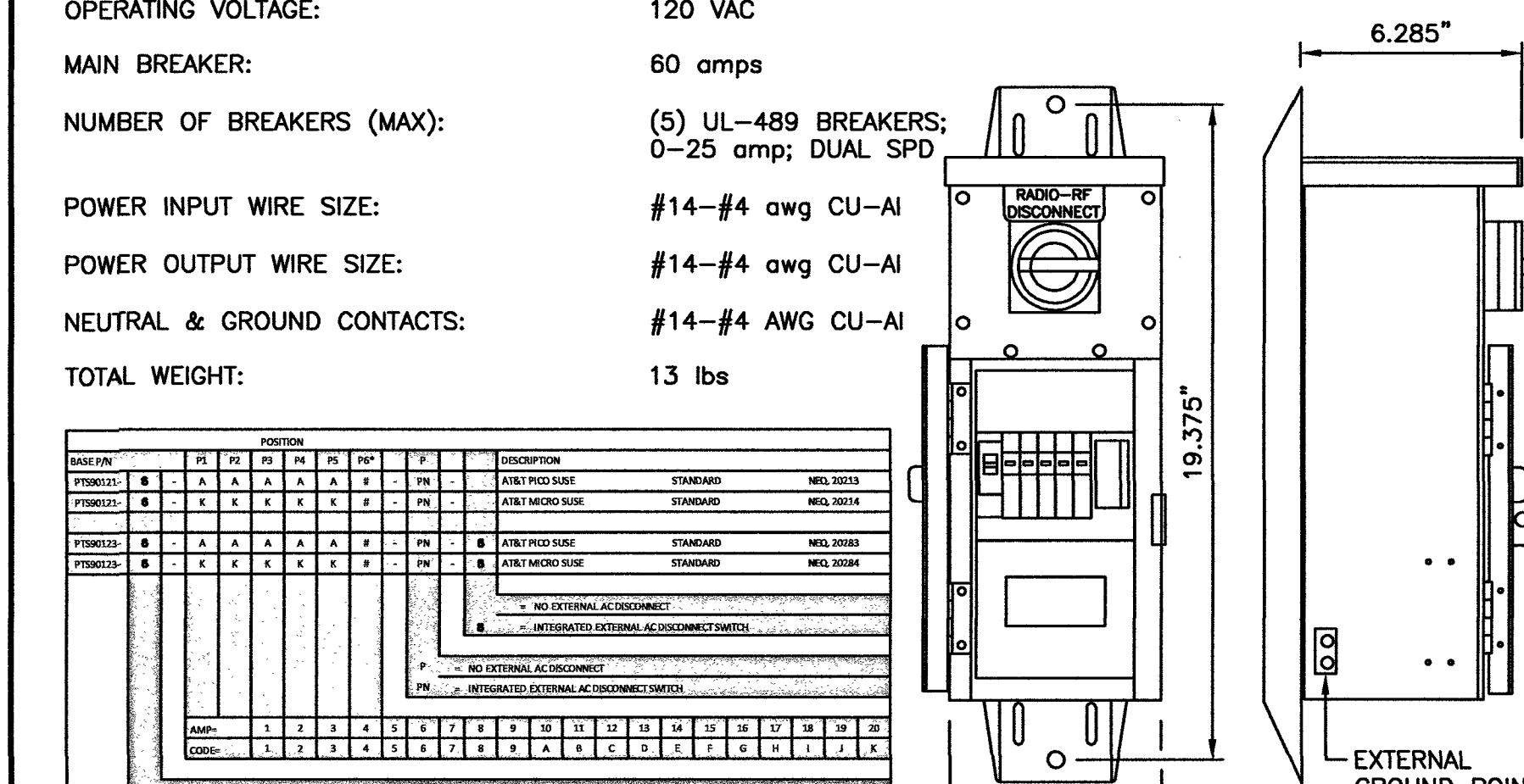
POWER INPUT WIRE SIZE: #14-#4 awg CU-AI

POWER OUTPUT WIRE SIZE: #14-#4 awg CU-AI

NEUTRAL & GROUND CONTACTS: #14-#4 AWG CU-AI

TOTAL WEIGHT: 13 lbs

DESCRIPTION	STANDARD	REQ. 3013
AT&T PDC SUB	STANDARD	REQ. 3013
AT&T MDO SUB	STANDARD	REQ. 3014
AT&T PDC SUB	STANDARD	REQ. 3013
AT&T MDO SUB	STANDARD	REQ. 3014



NOT USED	NO SCALE	2
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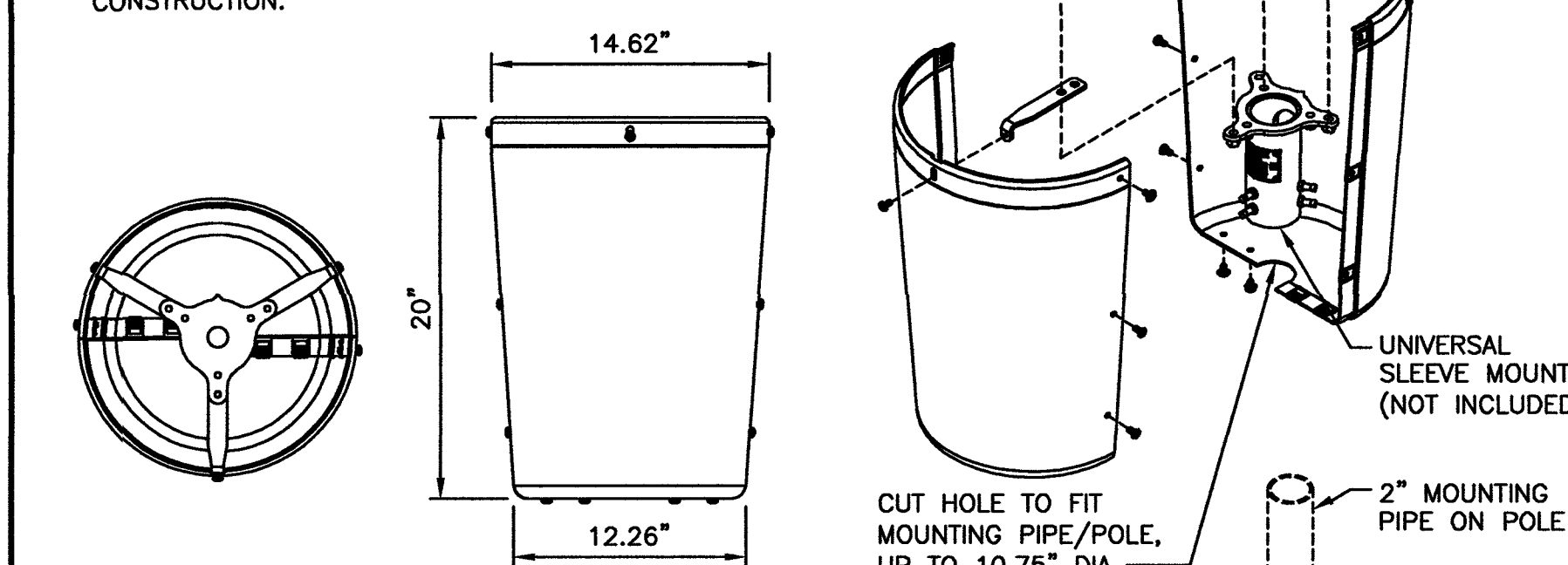
CONCEALFAB 007949

HEIGHT: 20" (508 mm)

DIAMETER: 14.62" (365 mm)

WEIGHT: 6 lbs (2.7 kg)

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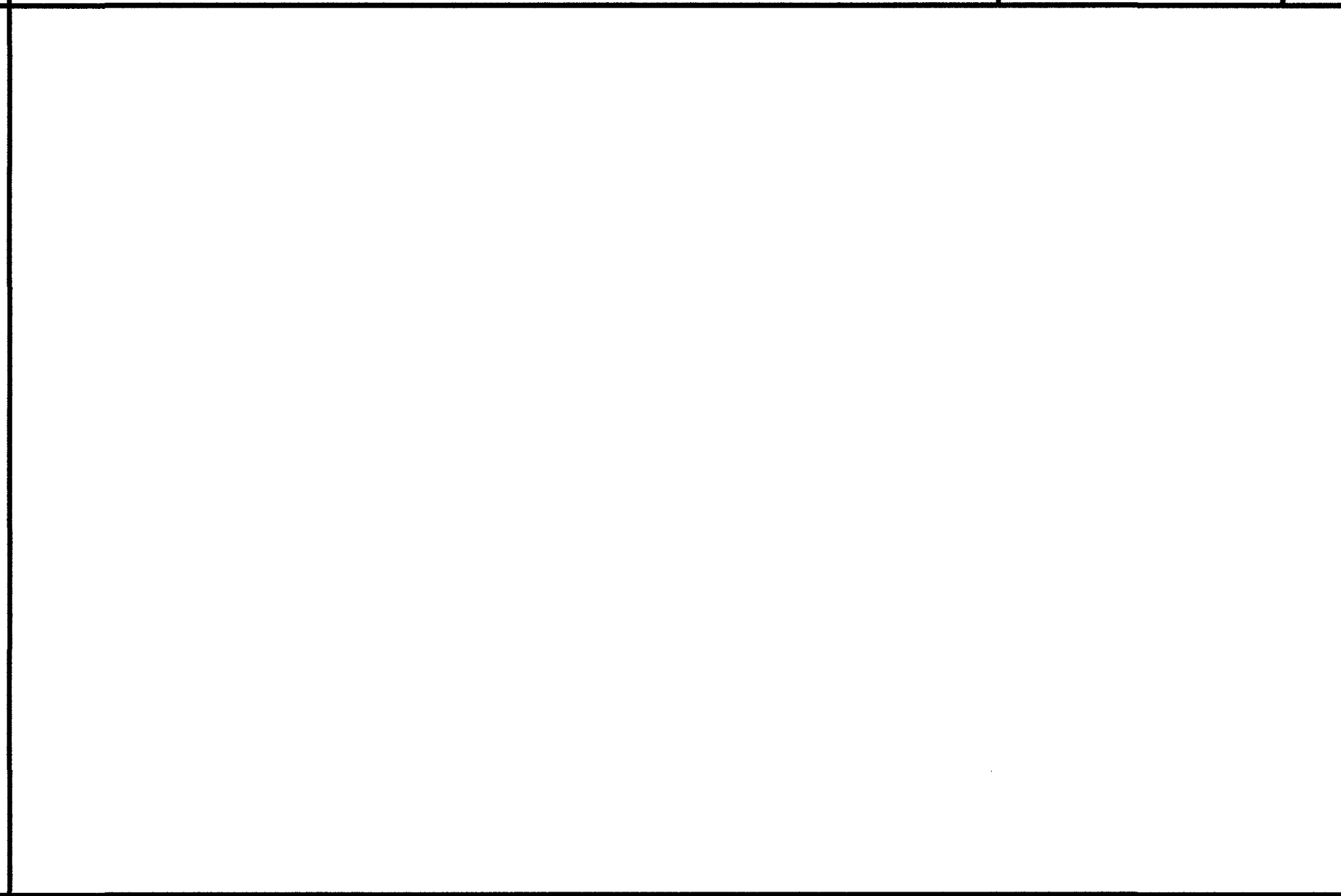
TOP VIEW

FRONT VIEW

ASSEMBLY VIEW

NOT USED	NO SCALE	5
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STANDARD POLE TOP MOUNT CABLE SHROUD



NOT USED	NO SCALE	7
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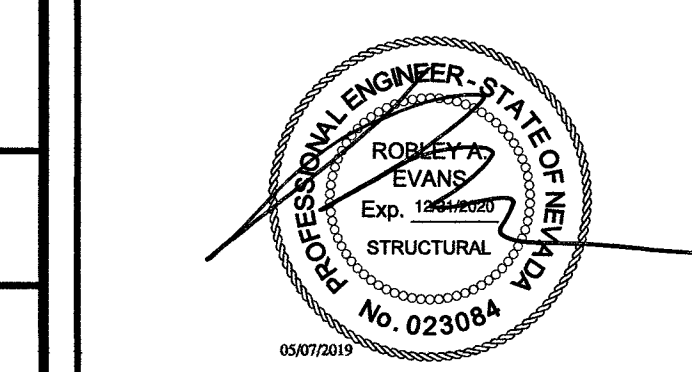
LOAD CENTER DETAIL	NO SCALE	3
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NVL08296F_R02
ADJACENT TO
BUFFALO & SKYPOINT
LAS VEGAS, NV 89117
PICO SMALL CELL

SHEET TITLE
EQUIPMENT DETAILS

SHEET NUMBER
A-4

NOT USED	NO SCALE	6
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NOT USED

NOT USED	NO SCALE	8
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AT&T MOBILITY
10550 W. CHARLESTON
SUITE B
LAS VEGAS, NV 89135



BLACK & VEATCH

BLACK & VEATCH CORPORATION
8965 S EASTERN AVE
SUITE #325
LAS VEGAS, NV 89123



NOTICE
RF energy emitted by this device may exceed the FCC's general public exposure limits. Stay at least 1 foot away from the device. Call 800-638-2822 for help if you need access within 1 foot.

RF NOTICE DECAL

NOTICE

AT&T operates antennas at this structure.
Above this point you are entering an area where radio frequency (RF) fields may exceed the FCC General Population Exposure limits.
Follow safety guidelines for working in an RF environment.
Keep 1 ft. away from the fronts of antennas.
Contact AT&T at 800-638-2822, opt. 9, 3 and follow their instructions prior to performing and maintenance or repairs above this point.
This is AT&T Site USID _____

CAUTION

AT&T operates antennas at this structure.
Above this point you are entering an area where radio frequency (RF) fields may exceed the FCC General Occupational Exposure limits.
Follow safety guidelines for working in an RF environment.
Keep 1 ft. away from the fronts of antennas.
Contact AT&T at 800-638-2822, opt. 9, 3 and follow their instructions prior to performing and maintenance or repairs above this point.
Cell Site USID _____

EME PLACARD/DECAL

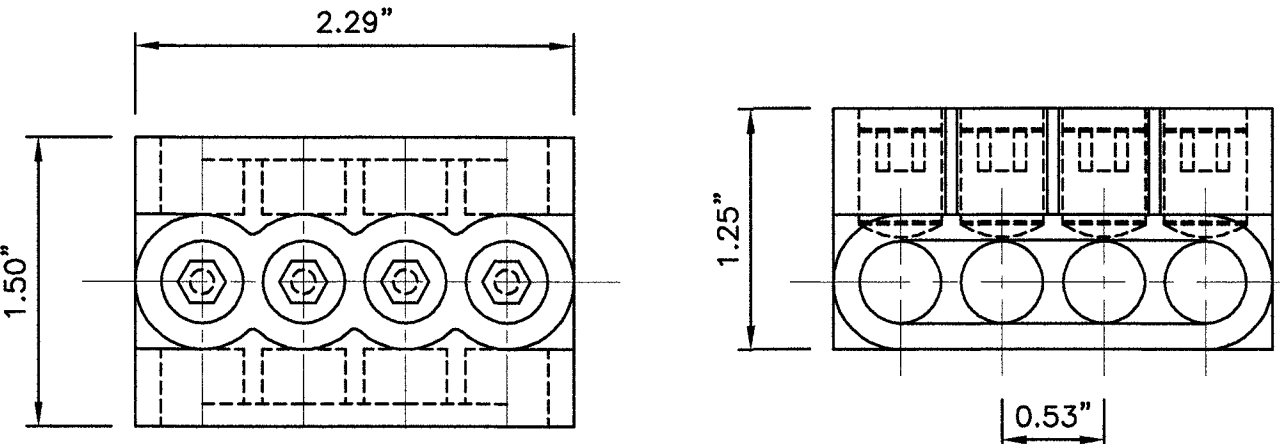
NOTE: SPECIFIC EME PLACARD WILL BE PLACED AFTER EME REPORT

RF SIGNAGE DETAIL

NO SCALE

1

MULTI-TAP CONNECTOR WITH CLEAR INSULATION, DOUBLE-SIDED (PCSB4-4-6Y)



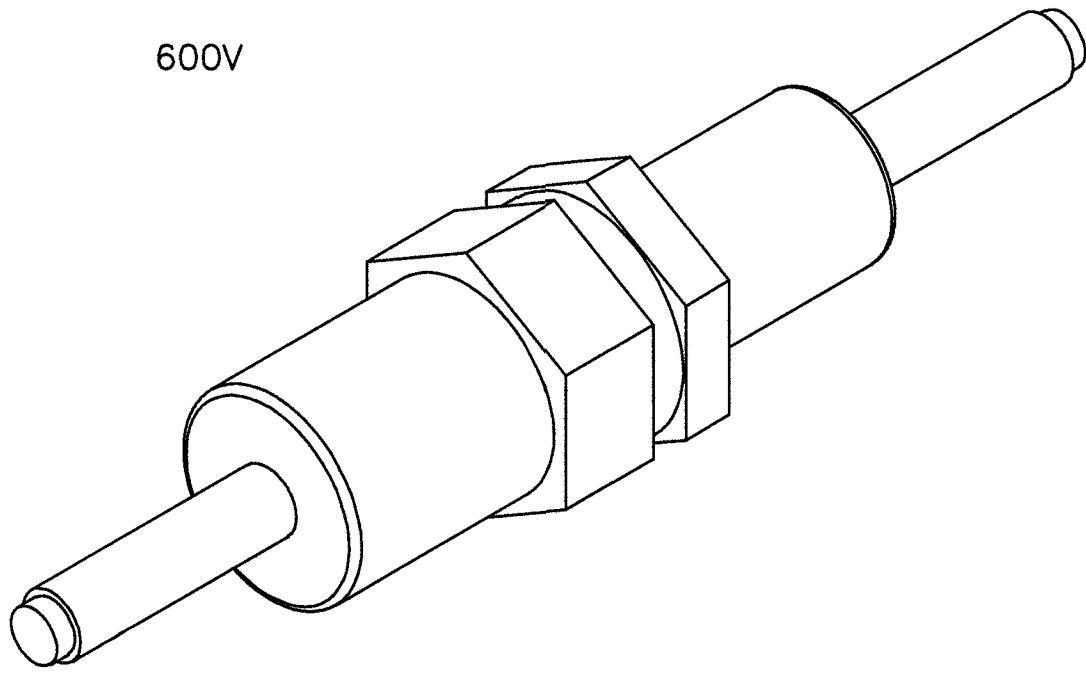
CONNECTOR DETAIL

NO SCALE

2

BUSSMANN – HEB SERIES

BREAKAWAY MODEL#: HEB-AW-RLC-A (5.8" LONG)
NON-BREAKAWAY MODEL#: HEB-AA (4.4" LONG)
WIRE RANGE: #8-16; (2) #12-16
RECOMMENDED FUSES: BAF, FNM, FNQ, KLM AND KTK
AMPS: UP TO 30A
VOLTS: 600V



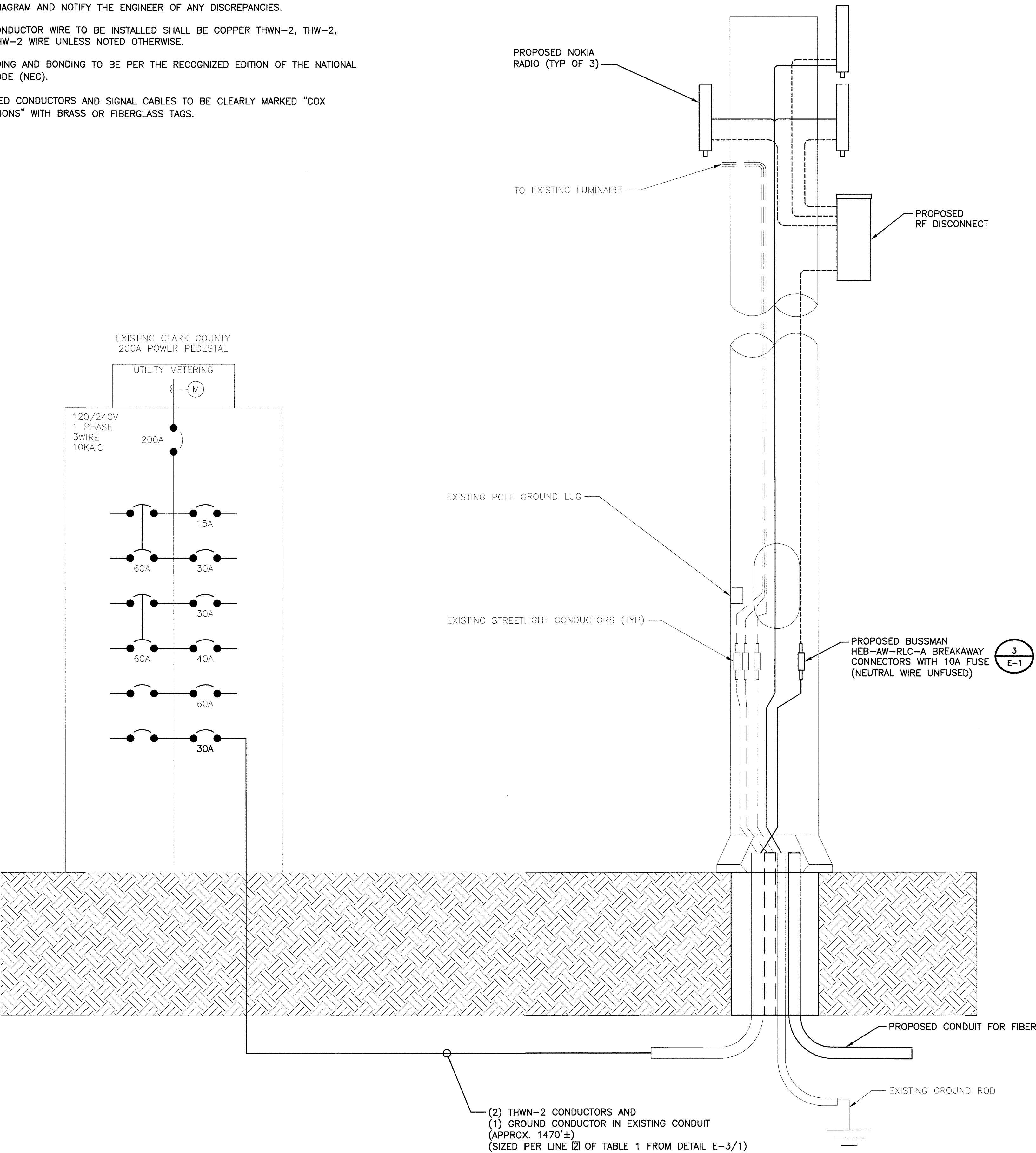
PROPOSED BREAKAWAY AND NON-BREAKAWAY IN-LINE FUSE HOLDER

NO SCALE

3

NOTES

1. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING ITEMS SHOWN ON THE ELECTRICAL ONE-LINE DIAGRAM AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
2. ALL NEW CONDUCTOR WIRE TO BE INSTALLED SHALL BE COPPER THWN-2, THW-2, RHW-2, XHHW-2 WIRE UNLESS NOTED OTHERWISE.
3. ALL GROUNDING AND BONDING TO BE PER THE RECOGNIZED EDITION OF THE NATIONAL ELECTRIC CODE (NEC).
4. ALL INSTALLED CONDUCTORS AND SIGNAL CABLES TO BE CLEARLY MARKED "COX COMMUNICATIONS" WITH BRASS OR FIBERGLASS TAGS.



TYPICAL POLE SITE TEMPLATE

NO SCALE

4



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BLACK & VEATCH

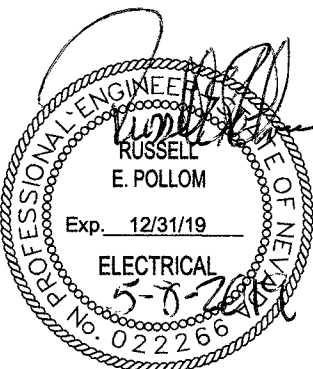
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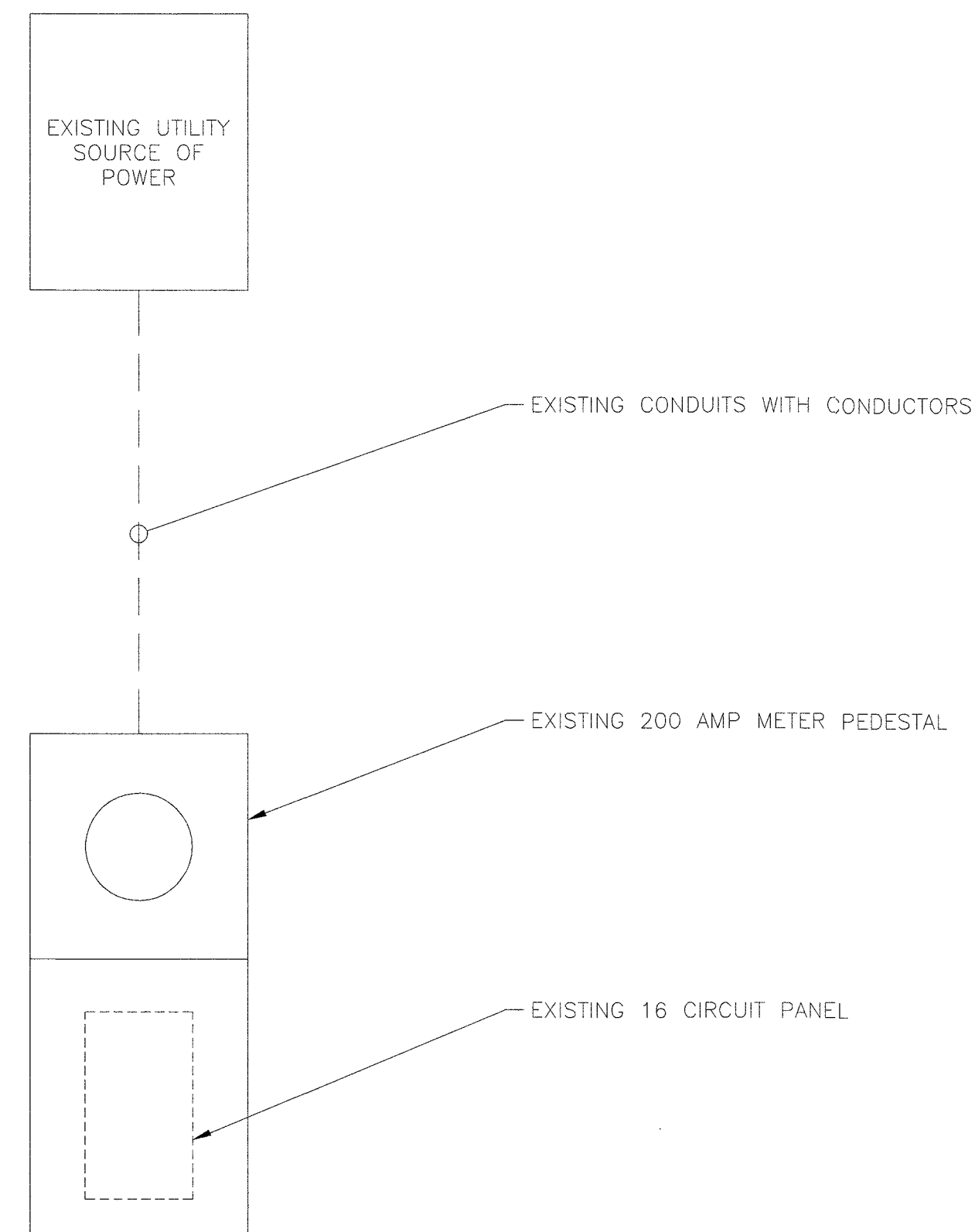
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PICO SMALL CELL

SHEET TITLE
ELECTRICAL DETAILS
AND DIAGRAMS

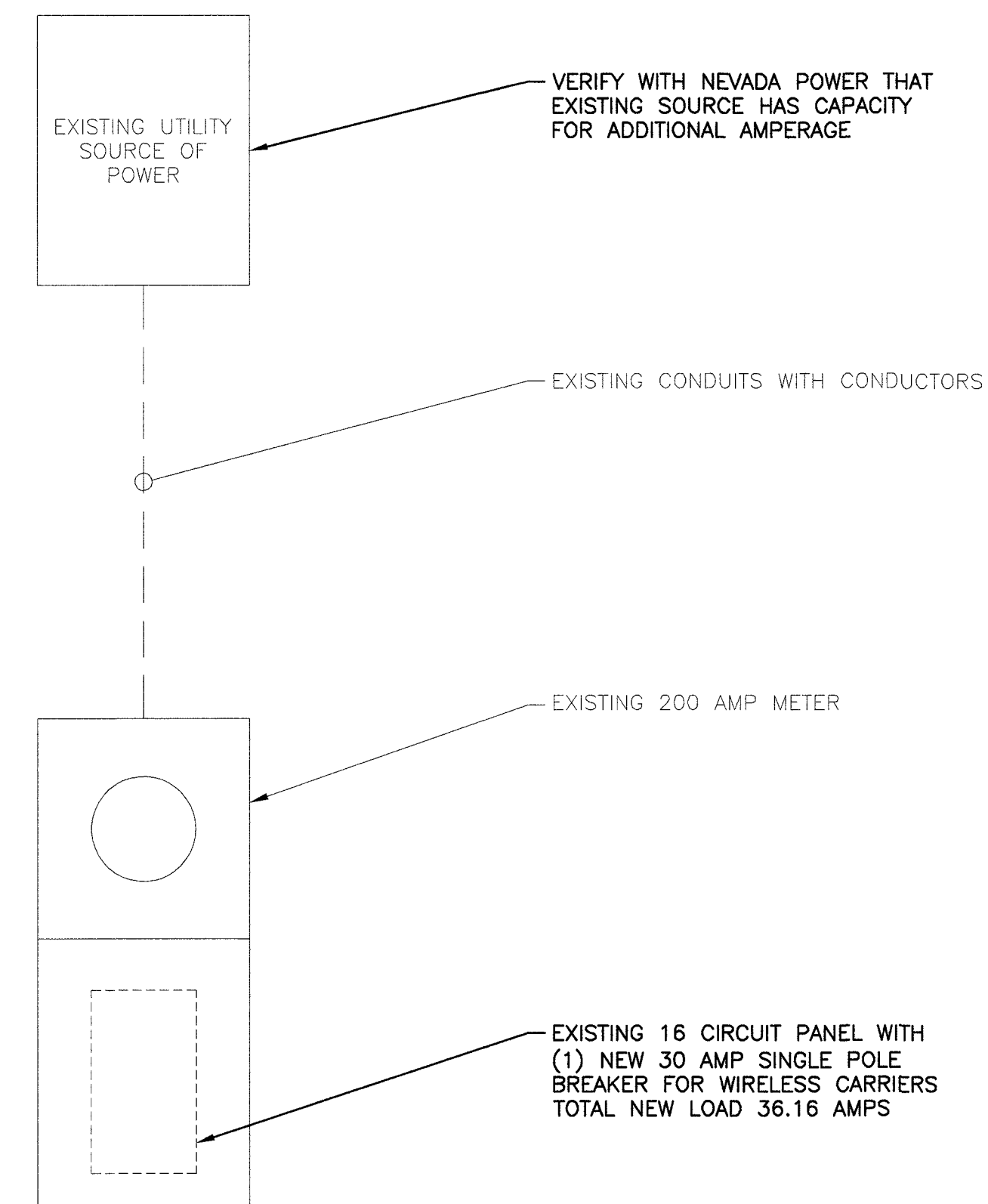
SHEET NUMBER

E-1

EXISTING LOAD.....	27.05 AMPS
ALLOWED LOAD 80%.....	160.00 AMPS



EXISTING LOAD.....	27.05 AMPS
SAFETY FACTOR 125%.....	33.82 AMPS
PROPOSED LOAD.....	2.34 AMPS
TOTAL LOAD.....	36.16 AMPS
ALLOWED LOAD 80% OF 200 AMPS.....	160.00 AMPS



NO SCALE

1

NO SCALE

2

Site Name:		BUFFALO & SKYPOINT						MODEL NUMBER:		EXISTING CLARK COUNTY METER AND LOAD CENTER PEDESTAL							
SITE NUMBER:		CRAN_NVL08296F_R02						PHASE:		1		WIRE:		3			
VOLTAGE:		240 /120		Volts AC		BUSS RATING:		200		AMPS							
MAIN BREAKER:		200		AMPS													
MOUNT:		SURFACE															
ENCLOSURE TYPE:		NEMA 3R															
PANEL STATUS:		EXISTING															

CKT	LOAD DESCRIPTION	BREAKER AMPS	BREAKER POLES	BREAKER STATUS	SERVICE LOAD VA	Demand Factor	USAGE FACTOR	PHASE A VA	PHASE B VA	USAGE FACTOR	Demand Factor	SERVICE LOAD VA	BREAKER STATUS	BREAKER POLES	BREAKER AMPS	LOAD DESCRIPTION	CKT
1	STREET LIGHTS	60	2	ON	972.00	1.00	1.25	1380		1.25	1.00	132	ON	1	15	PHOTO CELL	2
3					972.00	1.00	1.25		1965	1.25	1.00	600	ON	1	30	EXISTING LOAD	4
5	STREET LIGHTS	60	2	ON	1104	1.00	1.25	1380		1.00	1.00	0	OFF	1	30	SPARE	6
7					1104	1.00	1.25		2910	1.25	1.00	1224	ON	1	40	EXISTING LOAD	8
9								480		1.25	1.00	384	ON	1	60	EXISTING LOAD	10
11									0								12
13								0									14
15									563	1.25	1.00	450	NEW	1	30	PACTECHSOL PTS90122-3-AA777-PN-8	16
								PHASE A	PHASE B								
								3240	5438	VA							
								TOTAL	KVA	8.68							
									AMPS	36.16							

NO SCALE

3



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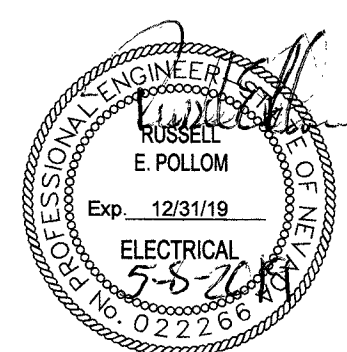
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REV	DATE	DESCRIPTION



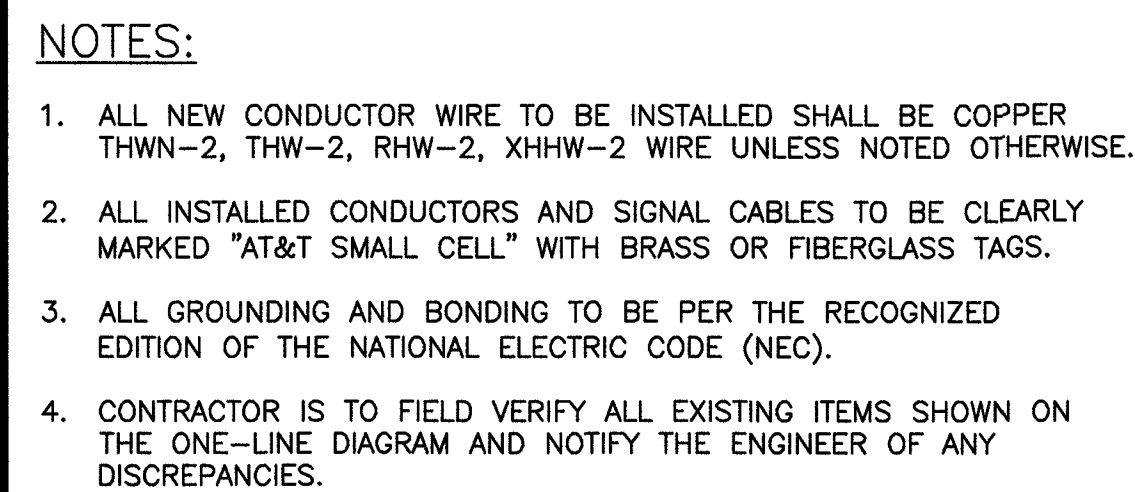
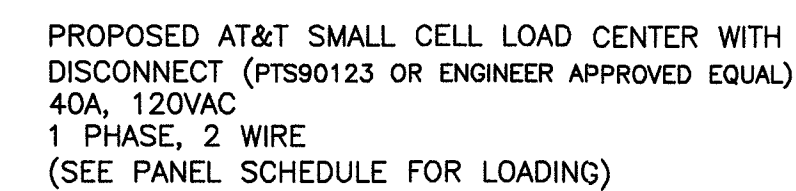
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NVL08296F_R02
ADJACENT TO
BUFFALO & SKYPOINT
LAS VEGAS, NV 89117
PICO SMALL CELL

SHEET TITLE
ELECTRICAL CALCULATIONS
AND SCHEDULES

SHEET NUMBER

E-2

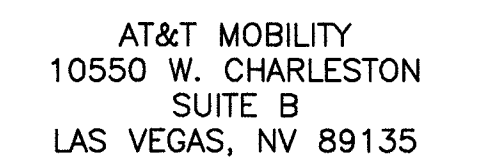
TABLE 1

120VAC FEEDER CONDUCTOR	MAXIMUM DISTANCE
#10 CU AWG	<400' - 0"
#8 CU AWG	400' - 615'
#6 CU AWG	615' - 980'
#4 CU AWG	980' - 1550'
#3 CU AWG	1550' - 1920'
#2 CU AWG	1920' - 2530'

Site Name:		BUFFALO & SKYPOINT						MODEL NUMBER:		FACTECHSOL.PTS90123									
SITE NUMBER: NYL08296F_R02								PHASE:		1				WIRE:		3			
VOLTAGE:		120		Volts AC				BUSS RATING:		40		AMPS							
MAIN BREAKER:		30		AMPS															
MOUNT:		SURFACE																	
ENCLOSURE TYPE:		NEMA 3R																	
PANEL STATUS:		PROPOSED																	
CKT	LOAD DESCRIPTION	BREAKER AMPS	BREAKER POLES	BREAKER STATUS	SERVICE LOAD VA	Demand Factor	USAGE FACTOR	PHASE A VA	PHASE B VA	USAGE FACTOR	Demand Factor	SERVICE LOAD VA	BREAKER STATUS	BREAKER POLES	BREAKER AMPS	LOAD DESCRIPTION	CKT		
1	NOKIA AIRSCALE MICRO B25/B66 RRH	5	1	NEW	150	1.00	1.00	150	0								2		
2									0								4		
3	NOKIA AIRSCALE MICRO B25/B66 RRH	5	1	NEW	150	1.00	1.00	150									6		
4									0								8		
5	NOKIA AIRSCALE MICRO B25/B66 RRH	5	1	NEW	150	1.00	1.00	150									10		
								PHASE A	PHASE B										
1. PANEL SCHEDULE LOADING AND CIRCUIT ARRANGEMENTS REFLECT POST-CONSTRUCTION EQUIPMENT.								450	0	VA	0.45								
								TOTAL		KVA	3.75	≤ 80% OF MAIN BREAKER							

•

1.



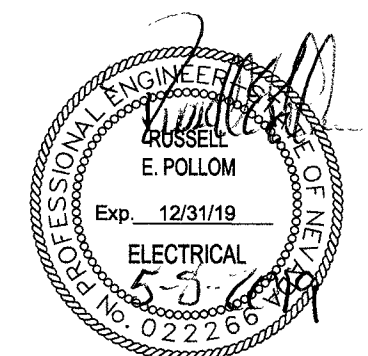
BLACK & VEATCH CORPORATION
8965 S EASTERN AVE
SUITE #325
LAS VEGAS, NV 89123

PROJECT NO: 129084.1512

DRAWN BY:	SAL
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CHECKED BY:	GAC
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0	05/06/19	ISSUED FOR REVIEW
REV	DATE	DESCRIPTION



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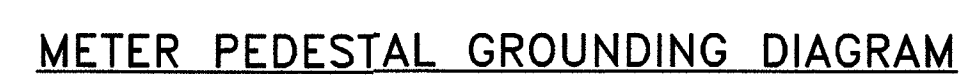
NVL08296F_R02
ADJACENT TO
BUFFALO & SKYPOINT
LAS VEGAS, NV 89117
PICO SMALL CELL

SHEET TITLE
ELECTRICAL ONE-LINE
DIAGRAM

SHEET NUMBER

E-3

1. FOR CONDUIT SIZE AND WIRING REQUIREMENTS FOR STREETLIGHT SERVICE, SEE STANDARD DRAWING NO. 332.S2 FOR LAS VEGAS AND CLARK COUNTY ONLY AND 332.S1 FOR ALL OTHER ENTITIES.
2. SEE STANDARD DRAWING NO. 321, 332.S1, OR 332.S2.



NO SCALE

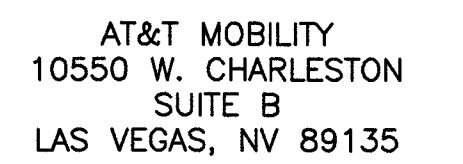
1

1. 125 AMP SERVICE: 1 #4 WHITE THW
200 AMP SERVICE: 1 #1/0 WHITE THW



NO SCALE

2



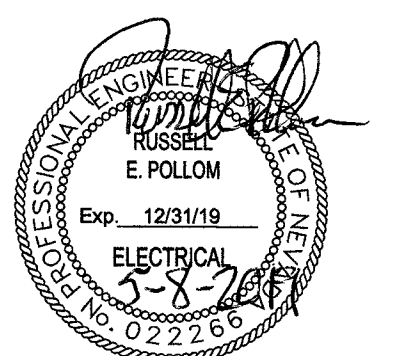
BLACK & VEATCH CORPORATION
8965 S EASTERN AVE
SUITE #325
LAS VEGAS, NV 89123

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NVL08296F_R02
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BUFFALO & SKYPOINT
LAS VEGAS, NV 89117
PICO SMALL CELL

SHEET TITLE

GROUNDING DIAGRAMS

SHEET NUMBER

G-1

STRUCTURAL STEEL NOTES

- DESIGN, FABRICATION, ERECTION, ALTERATION AND MAINTENANCE SHALL CONFORM TO THE FOLLOWING, UNLESS NOTED OTHERWISE (UNO).
 - TIA-222: STRUCTURAL STANDARD FOR ANTENNA SUPPORTING STRUCTURES AND ANTENNAS
 - TIA-1019-A: INSTALLATION, ALTERATION, AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS
 - AISC: MANUAL OF STEEL CONSTRUCTION
- ALL STRUCTURAL ELEMENTS SHALL CONFORM TO THE FOLLOWING REQUIREMENTS, UNO.
 - STRUCTURAL STEEL, ASTM A572 GRADE 65 (FY = 65 KSI).
 - ALL BOLTS, ASTM A325 TYPE 1 GALVANIZED HIGH STRENGTH BOLTS.
 - ALL NUTS, ASTM A563 CARBON AND ALLOY STEEL NUTS.
 - ALL WASHERS, ASTM F436 HARDENED STEEL WASHERS.
- ALL HOLES SHALL BE CUT WITH A GRINDER OR DRILLED. HOLES SHALL NOT BE FLAME CUT THRU STEEL UNLESS APPROVED BY THE ENGINEER OF RECORD.
- ALL FASTENERS SHALL NOT BE REUSED.
- A NUT LOCKING DEVICE SHALL BE INSTALLED ON ALL PROPOSED AND/OR REPLACED ASTM A325 BOLTS.
- ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE END OF THE BOLT BE AT LEAST FLUSH WITH THE FACE OF THE NUT. IT IS NOT PERMITTED FOR THE BOLT END TO BE BELOW THE FACE OF THE NUT AFTER TIGHTENING IS COMPLETED.
- HOT-DIP GALVANIZE ALL ITEMS, UNO.
GALVANIZE PER ASTM A123, ASTM A153/A153M OR ASTM A653 G90, AS APPLICABLE.
- AFTER FINAL INSPECTION, ALL EXPOSED STRUCTURAL STEEL AS THE RESULT OF THIS SCOPE OF WORK INCLUDING WELDS, FIELD DRILLED HOLES, AND SHAFT INTERIORS (WHERE ACCESSIBLE), SHALL BE CLEANED AND COLD GALVANIZING APPLIED BY BRUSH. PHOTO DOCUMENTATION IS REQUIRED TO BE SUBMITTED TO THE INSPECTOR.

WELDING NOTES

- ALL WELDING SHALL BE IN ACCORDANCE WITH THE AWS D1.1/D1.1M, "STRUCTURAL WELDING CODE-STEEL".
- ALL WELDING SHALL BE PERFORMED BY AWS CERTIFIED WELDERS.
- ALL ARC WELDING ON STRUCTURES SHALL BE DONE IN ACCORDANCE WITH AWS D1.1 (LATEST EDITION). THIS SHALL INCLUDE A CERTIFIED WELDING INSPECTOR (CWI) FOR ACCEPTANCE OR REJECTION OF ALL WELDING OPERATIONS, PRE-DURING-POST, USING THE ACCEPTANCE CRITERIA OF AWS D1.1. THE CWI SHALL WORK WITH THE GC ON THE LEVEL OF INTERACTION NEEDED TO CONDUCT THE WELDING INSPECTION. THE CERTIFIED WELDING INSPECTION IS THE RESPONSIBILITY OF THE GC.
- FOR ALL WELDING, USE E80XX ELECTRODES FOR SMAW PROCESS AND E8XT-XX ELECTRODES FOR FCAW PROCESS, UNO.
- SURFACES TO BE WELDED SHALL BE FREE FROM SCALE, SLAG, RUST, MOISTURE, GREASE OR ANY OTHER FOREIGN MATERIAL THAT WOULD PREVENT PROPER WELDING. GRIND THE SURFACE ADJACENT TO THE WELD FOR A DISTANCE OF 2" MINIMUM ALL AROUND. ENSURE BOTH AREAS ARE 100% FREE OF ALL GALVANIZING.
- REPAIR THE GALVANIZED COATING. ALL AREAS AFFECTED BY THE FIELD DRILLING, FIELD GRINDING AND FIELD WELDING, BOTH INSIDE AND OUTSIDE THE MONOPOLE, SHALL BE REPAIRED. PRODUCTS TO BE APPLIED IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. AREAS THAT HAVE BEEN TOUCHED UP SHOULD BE INSPECTED AS PART OF THE ROUTINE MAINTENANCE OF THE STRUCTURE. NO SPRAY PAINT IS ALLOWED. AFTER ZINC-RICH PAINT IS DRY, OVERCOAT WITH OWNER'S PAINT SPECIFICATIONS, APPLIED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- DO NOT WELD IF THE TEMPERATURE OF THE STEEL IN THE VICINITY OF THE WELD AREA IS BELOW 0° F. WHEN THE TEMPERATURE IS BETWEEN 0° F AND 32° F, PREHEAT AND MAINTAIN THE STEEL IN THE VICINITY OF THE WELD AREA AT 70° F DURING THE WELDING PROCESS.
- DO NOT WELD ON WET OR FROST-COVERED SURFACES & PROVIDE ADEQUATE PROTECTION FROM HIGH WINDS.
- MOVE ALL COAX AND OTHER FLAMMABLE MATERIALS FROM ANY AREA THAT MAY BE HEATED DURING CONSTRUCTION.
- CONTRACTOR SHALL MAKE PROPER PRECAUTIONS AND PROCEDURES TO PROTECT THE STRUCTURE FROM CATCHING FIRE DURING ALL WELDING OPERATIONS. THE FOLLOWING FIRE SAFETY PREVENTION PROTOCOL IS THE MINIMUM REQUIREMENTS DURING WELDING OPERATIONS.
 - 500 GALLON WATER TANK WITH PUMP TO BE ON SITE AT ALL TIMES.
 - 2 FIRE EXTINGUISHERS ON SITE AT ALL TIMES.
 - 2 MAN FIRE WATCH ON ANY ADJACENT STRUCTURES, FIELDS AND POLE.
 - INTERMITTENT COOLING OF WELDED SURFACE TO REDUCE HEAT IN STRUCTURE.

CLARK COUNTY NV STORMWATER BMP NOTES:

- THE OWNER, SITE DEVELOPER, CONTRACTOR, AND/OR THEIR AUTHORIZED AGENTS SHALL EACH DAY REMOVE ALL SEDIMENT, MUD, CONSTRUCTION DEBRIS, OR OTHER POTENTIAL POLLUTANTS THAT MAY HAVE BEEN DISCHARGED TO, OR ACCUMULATED IN, THE PUBLIC RIGHTS OF WAY OF CLARK COUNTY AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS SITE DEVELOPMENT OR CONSTRUCTION PROJECT. SUCH MATERIALS SHALL BE PREVENTED FROM ENTERING THE STORM SEWER SYSTEM.
- ADDITIONAL CONSTRUCTION SITE DISCHARGE BEST MANAGEMENT PRACTICES MAY BE REQUIRED OF THE OWNER AND HIS OR HER AGENTS DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE SUBMITTED PLAN DOES NOT MEET THE PERFORMANCE STANDARDS SPECIFIED IN THE LAS VEGAS VALLEY CONSTRUCTION SITE BMP GUIDANCE MANUAL.
- AT A MINIMUM, THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL DISTURBED AREAS, AREAS USED FOR STORAGE OF MATERIALS AND EQUIPMENT THAT ARE EXPOSED TO PRECIPITATION, VEHICLE ENTRANCE AND EXIT LOCATIONS, AND ALL BMPS WEEKLY, AND WITHIN 24 HOURS AFTER ANY RAIN EVENT OF 0.5 INCHES OR MORE. THE CONTRACTOR OR HIS AGENT SHALL UPDATE OR MODIFY THE STORMWATER POLLUTION PREVENTION PLAN AS NECESSARY. SOME EXCEPTIONS TO WEEKLY INSPECTIONS MAY APPLY, SUCH AS SUSPENSION OF LAND DISTURBANCE ACTIVITIES, REFER TO THE NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVR100000, SECTION III.A.12.
- ACCUMULATED SEDIMENT IN BMPS SHALL BE REMOVED WITHIN SEVEN DAYS AFTER A STORMWATER RUNOFF EVENT OR PRIOR TO THE NEXT ANTICIPATED STORM EVENT, WHICHEVER IS EARLIER. SEDIMENT MUST BE REMOVED WHEN BMP DESIGN CAPACITY HAS BEEN REDUCED BY 50 PERCENT OR MORE.
- BMPS TO BE IMPLEMENTED INCLUDE BUT ARE NOT LIMITED TO:
 - MINIMIZE DISTURBED AREA AND PROTECT NATURAL FEATURES AND SOIL
 - CONTROLLING STORMWATER FLOWING ONTO AND THROUGH THE PROJECT VIA THE USE OF SEDIMENT BERMS AND STRAW WADDLES AS APPROPRIATE
 - STABILIZING SOILS THROUGH SITE RESTORATION AT COMPLETION OF PROJECT
 - PROTECTING STORM DRAIN INLETS VIA THE USE OF SAND BAGS, STRAW WADDLES AND FILTER FABRIC AS APPROPRIATE
- BMPS MUST BE IN PLACE WHEN SOILS ARE EXPOSED (NO WAITING PERIODS)

CLARK COUNTY NV PUBLIC WORKS DEVELOPMENT NOTES

- STRUCTURAL DESIGN ACCEPTANCE IS VALID ONLY FOR POLE FOUNDATIONS INSTALLED ON LEVELED SURFACES. ANY FOUNDATION INSTALLED WITHIN (5FT) FROM A SLOPE WILL REQUIRE SLOPE STABILITY ANALYSIS AND CALCULATIONS WITH A SEPARATE STRUCTURAL REVIEW AND FEE. GEOTECHNICAL WILL BE NEEDED FOR THE REVIEW.
- SIDEWALKS MUST BE UNOBSTRUCTED AND HAVE AN ACCESS OF AT LEAST 3.0-FT FROM BACK OF CURB.

SPECIAL INSPECTIONS REQUIRED

PERFORM THIRD PARTY SPECIAL INSPECTION FOR (STREET LIGHT FOUNDATION...).SPECIAL INSPECTION IS REQUIRED.

- INSPECTIONS SHALL BE PERFORMED BY AN ICC CERTIFIED INSPECTOR APPROVED BY CLARK COUNTY; EMPLOYED BY THE OWNER/DEVELOPER.
 - MASONRY-- PERIODIC
 - REINFORCING STEEL PLACEMENT-- PERIODIC
 - GROUT--CONTINUOUS
 - CONCRETE PLACEMENT--CONTINUOUS
 - CONCRETE STRENGTH-- CONTINUOUS
 - EPOXY FASTENED DOWELS AND ANCHORS--PERIODIC
 -
- THE INSPECTOR SHALL SUBMIT A STATEMENT TO THE OWNER/DEVELOPER, AND STRUCTURAL ENGINEER INDICATING COMPLIANCE WITH THE PLANS AND SPECIFICATIONS.
- SPECIAL INSPECTION OF THE FILL AROUND THE ((STREET LIGHT FOUNDATION...)) SHALL BE PROVIDED AT A FREQUENCY AS NECESSARY TO ENSURE THAT PROPER FILL AND COMPACTION IS ACHIEVED. COMPACTION TEST FOR EACH LIFT SHALL BE TAKEN PER CCAUSD 203.05.02. THE SPECIAL INSPECTOR SHALL SUBMIT A COMPLIANCE REPORT TO THE OWNER/DEVELOPER



AT&T MOBILITY
10550 W. CHARLESTON
SUITE B
LAS VEGAS, NV 89135



BLACK & VEATCH

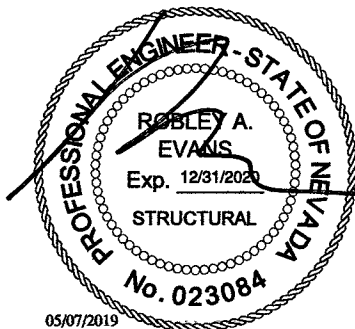
BLACK & VEATCH CORPORATION
8965 S EASTERN AVE
SUITE #325
LAS VEGAS, NV 89123

PROJECT NO: 129084.1512

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CHECKED BY: GAC

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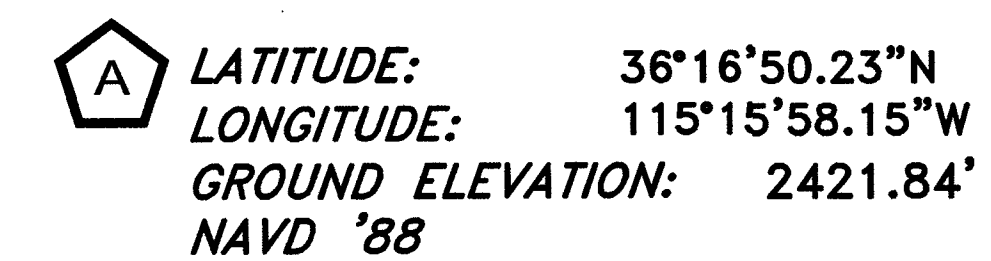
SHEET TITLE

GENERAL NOTES

SHEET NUMBER

GN-3

SITE #/PACE_NAME:	CRAN_NVL08296F_R02_LTE_1C_1900
FA LOCATION CODE:	14856588
USID:	231644



ENGINEERS:



6 SUNSET WAY
SUITE B108
HENDERSON, NV 89014

SITE NO: CRAN_NVL08296F_R02

DRAWN BY:	KJC
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CHECKED BY:	CIS
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[illegible]

SURVEYOR:

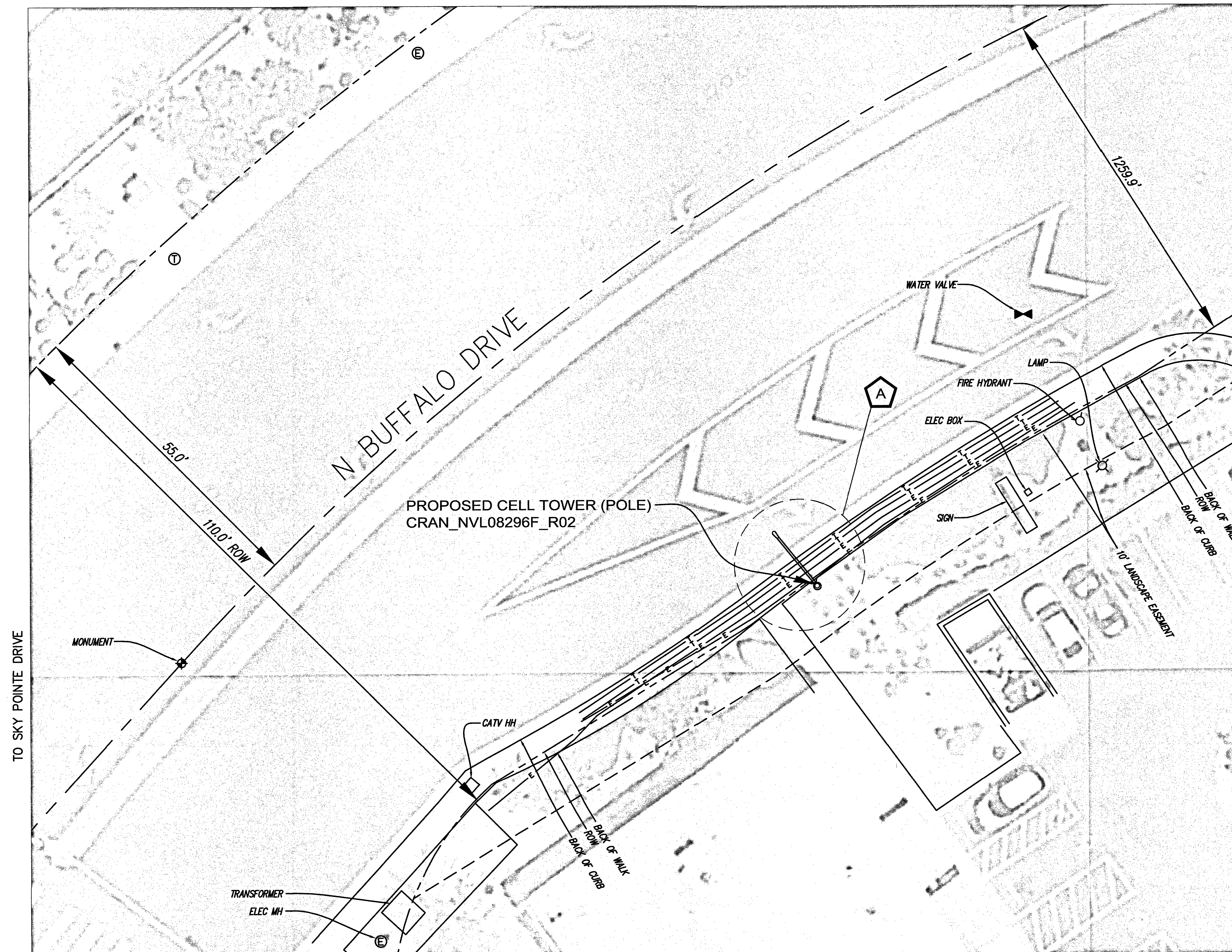


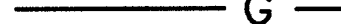
CIS JOB NO:
CIS 315-1-31-114

SHEET TITLE
SMALL CELL
SITE SURVEY

SHEET NUMBER

1 OF 1



- | Legend | |
|---|---|
|  | MONUMENT |
|  | POLE |
|  | DOWN GUY |
|  | GAS VALVE |
|  | PEDASTAL |
|  | LAMP POST |
|  | WATER VALVE |
|  | FIRE HYDRANT |
|  | WATER MANHOLE |
|  | WATER METER |
|  | SEWER MANHOLE |
|  | UNKNOWN OR LABELED MANHOLE |
|  | SANITARY SEWER MANHOLE |
|  | STORM WATER MANHOLE |
|  | ELECTRIC MANHOLE |
|  | TELECOM MANHOLE |
|  | TREE |
| FENCELINE |  |
| ROW LINE |  |
| CENTER LINE |  |
| SEWER |  |
| TELEPHONE |  |
| WATER |  |
| ELECTRIC |  |
| GAS LINE |  |
| OVERHEAD ELEC |  |
| FENCE BARB |  |
| PROPERTY LINE |  |