

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

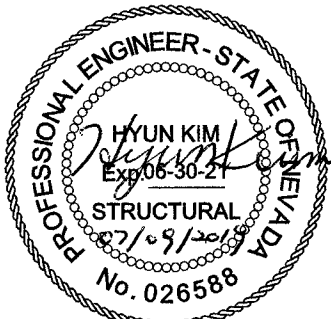
BLACK & VEATCH CORPORATION
8965 S EASTERN AVE
SUITE #325
LAS VEGAS, NV 89123

PROJECT NO: 129084.1512

DRAWN BY: MAK

CHECKED BY: GAC

REV	DATE	DESCRIPTION
1	07/09/2019	ISSUED FOR CONSTRUCTION
0	04/15/2019	ISSUED FOR REVIEW



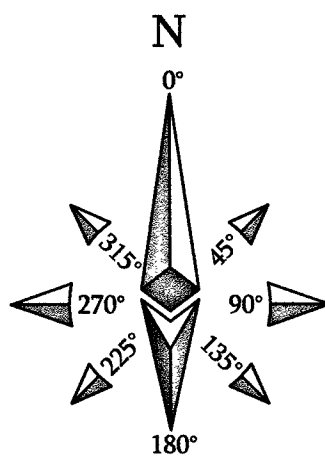
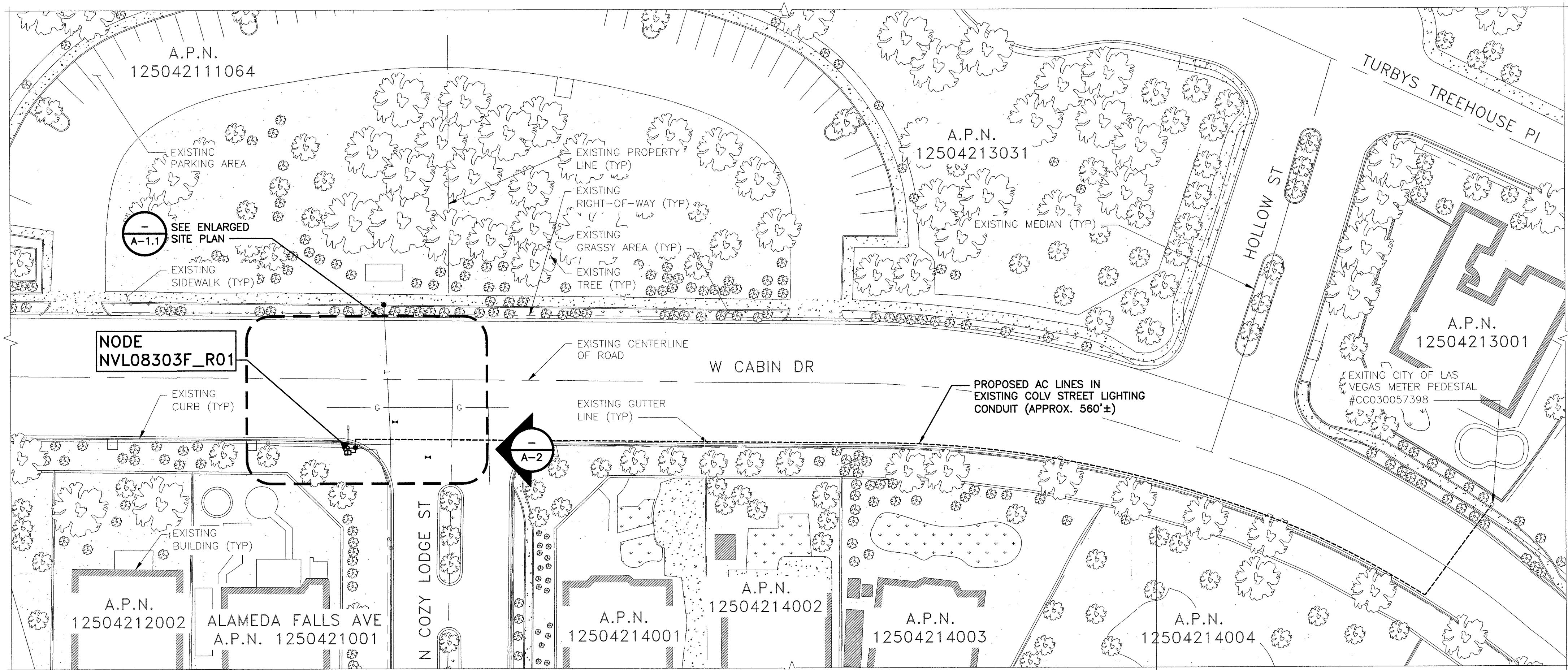
IT IS A VIOLATION OF LAW FOR ANY PERSON,
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TO ALTER THIS DOCUMENT.

NVL08303F_R01
INTERSECTION OF
W CABIN DR & N COZY LODGE ST
LAS VEGAS, NV 89131
PICO SMALL CELL

SHEET TITLE
EXPANDED SITE PLAN
AND UTILITY ROUTE

SHEET NUMBER

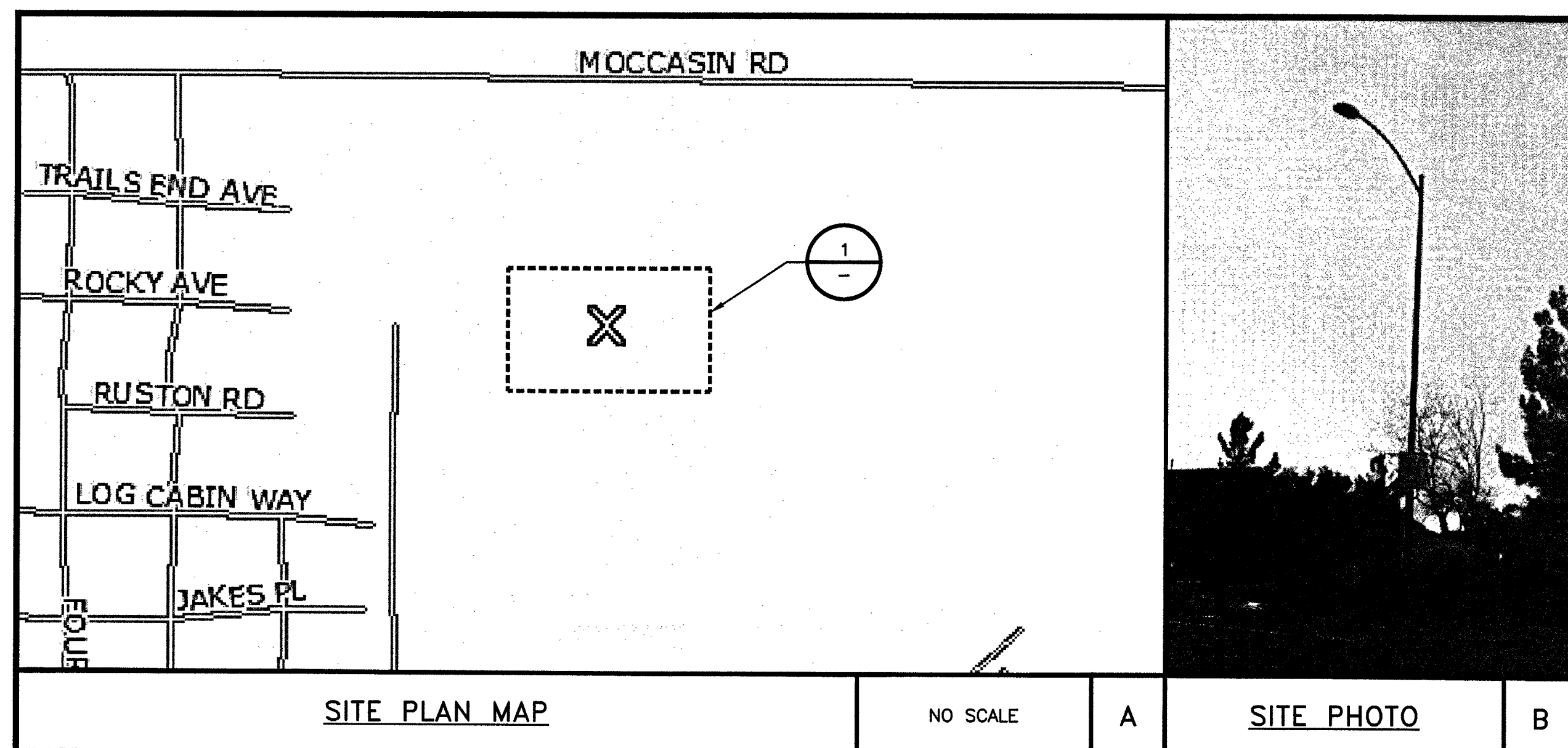
A-1



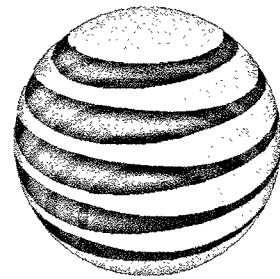
EXPANDED SITE PLAN AND UTILITY ROUTE

32' 24'16" 8' 0" 32' 64'
1/32"=1'-0"

A



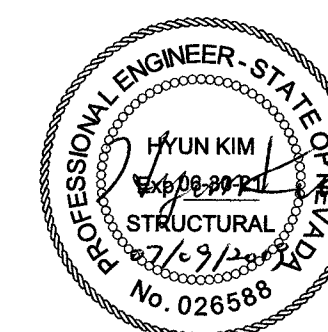
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 **at&t**
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 **BLACK & VEATCH**
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8965 S EASTERN AVE
SUITE #325
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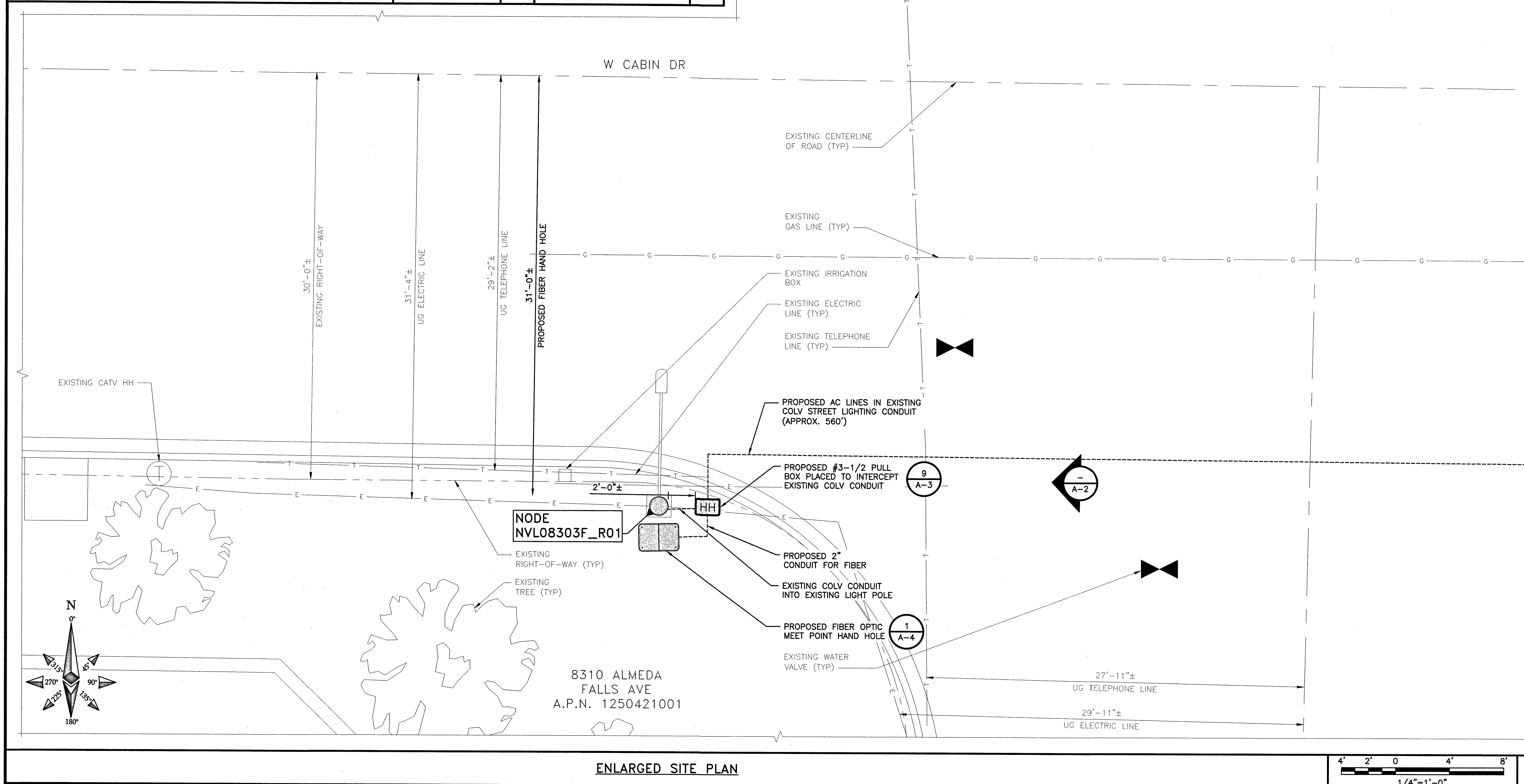


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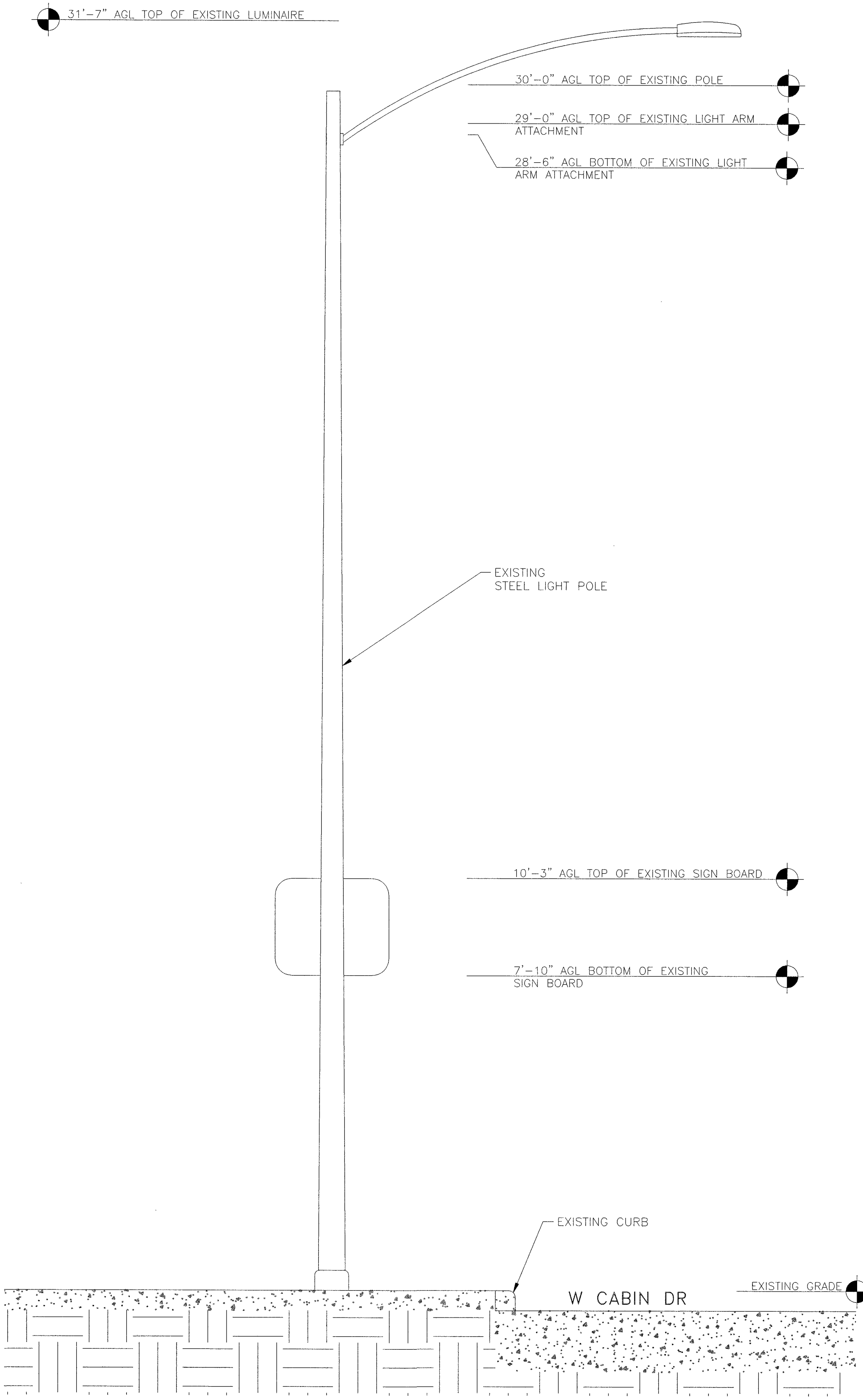
SHEET TITLE
ENLARGED SITE PLAN

SHEET NUMBER
A-1.1

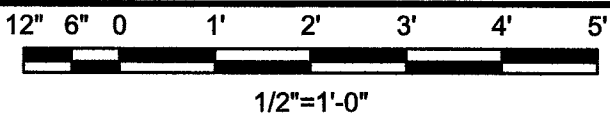


NOTE:

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.



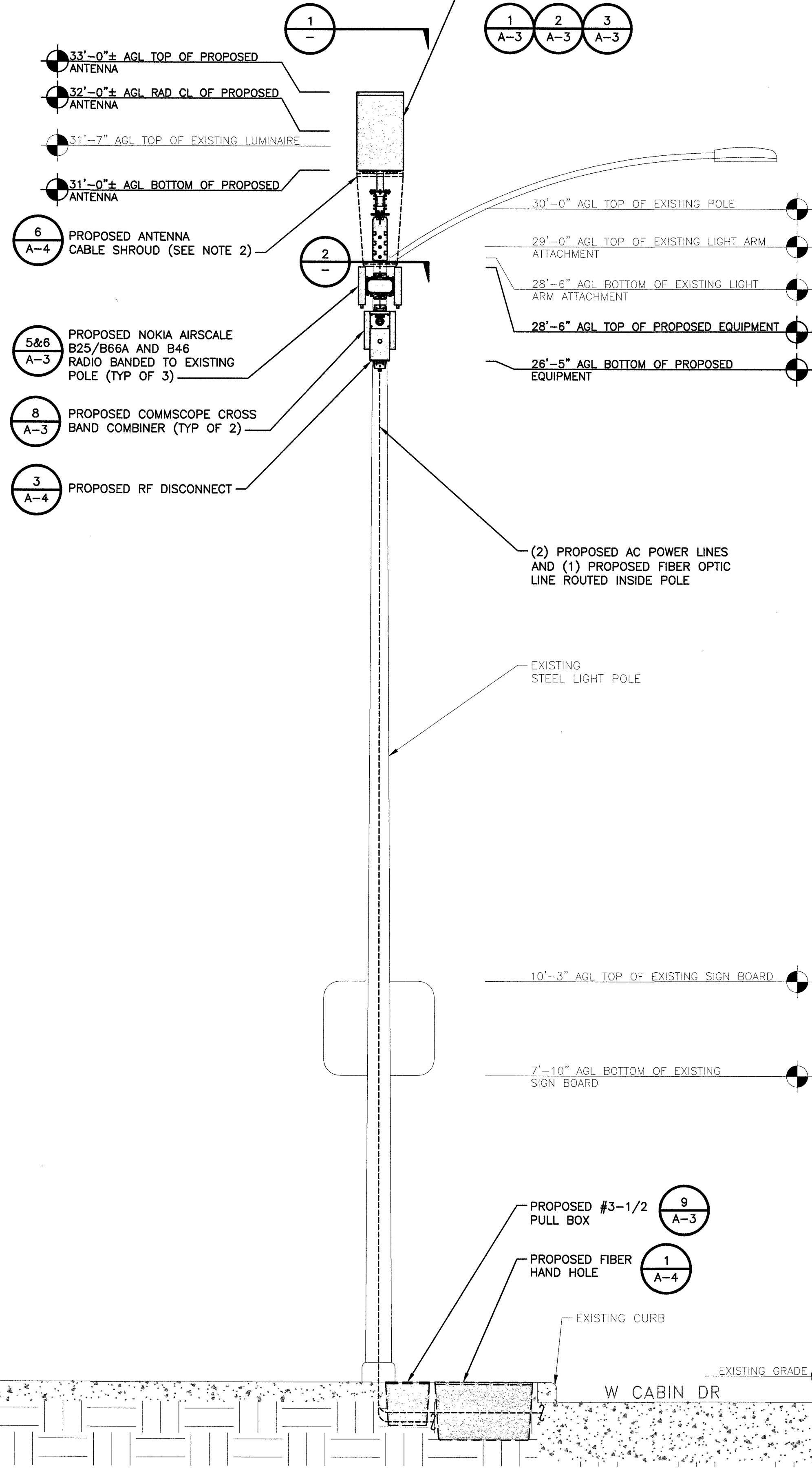
EXISTING EAST ELEVATION



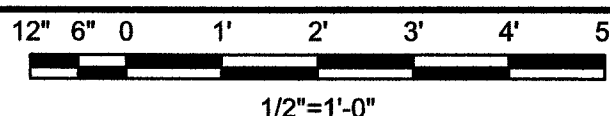
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NOTE

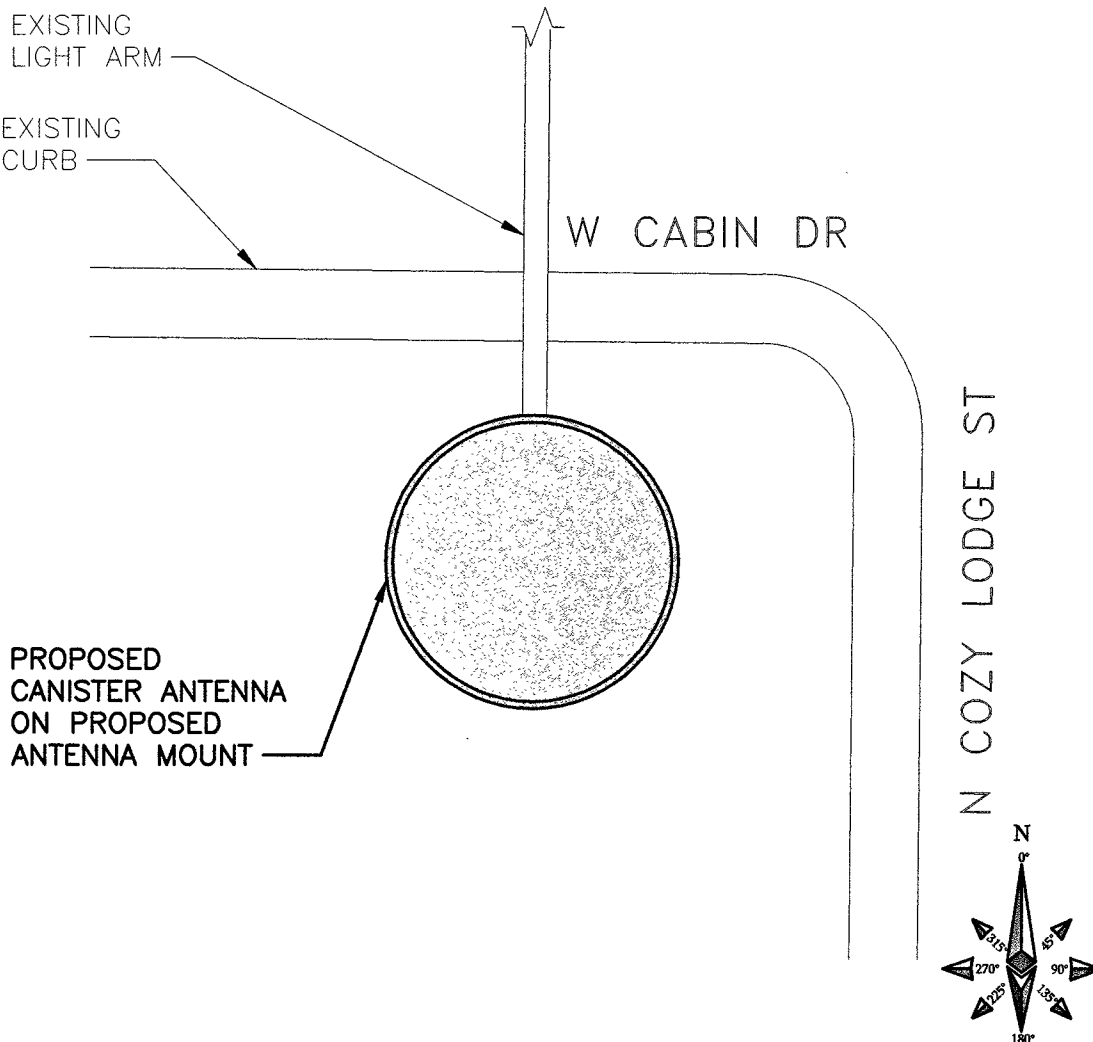
1. REFER TO THE RFDS FOR THIS NODE FOR THE AZIMUTH INFORMATION.
2. CABLE SHROUD NOT ENTIRELY SHOWN FOR CLARITY.
3. ALL EQUIPMENT TO BE PAINTED TO MATCH EXISTING STRUCTURE



PROPOSED EAST ELEVATION



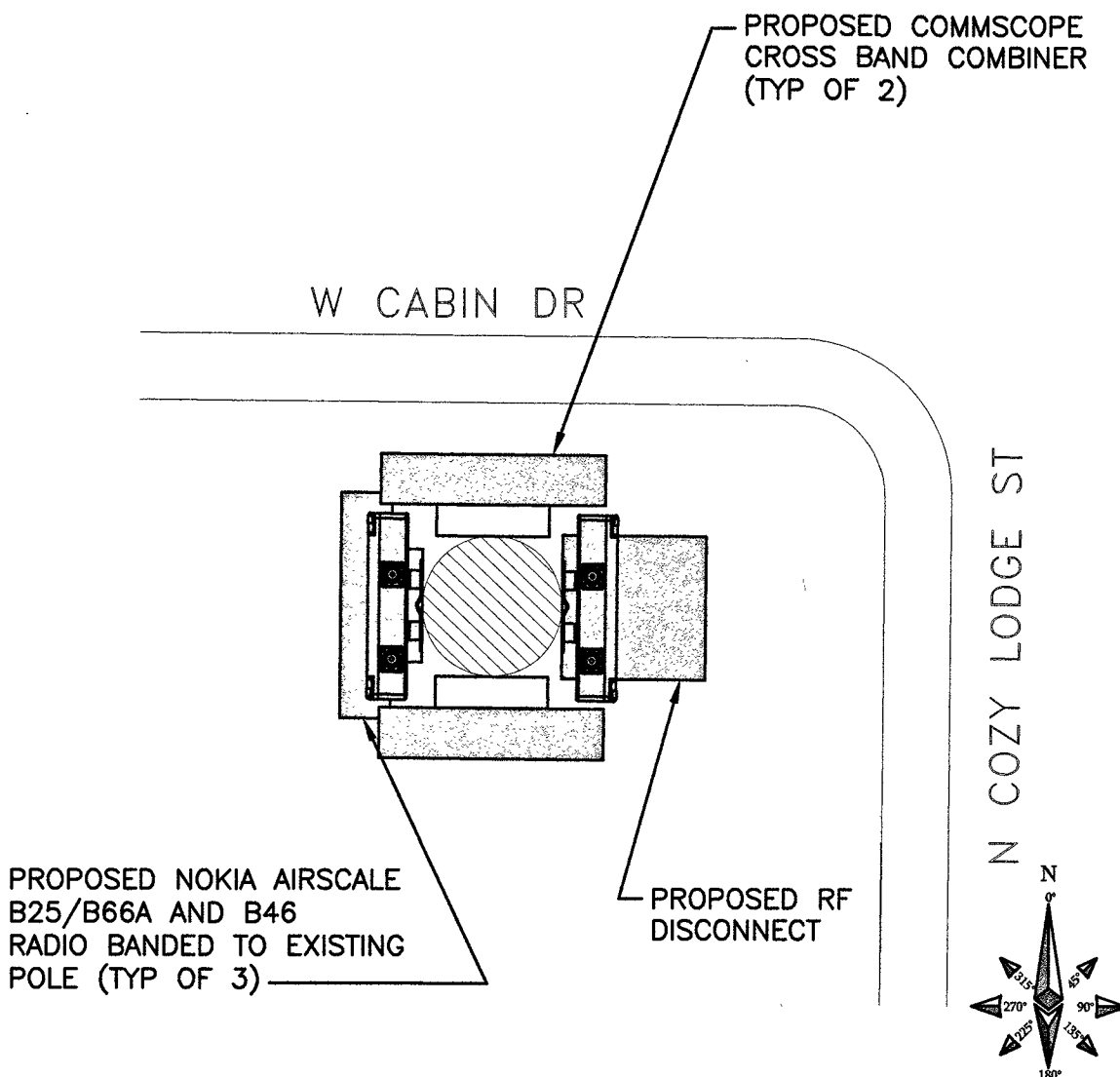
B



ANTENNA PLAN VIEW

NO SCALE

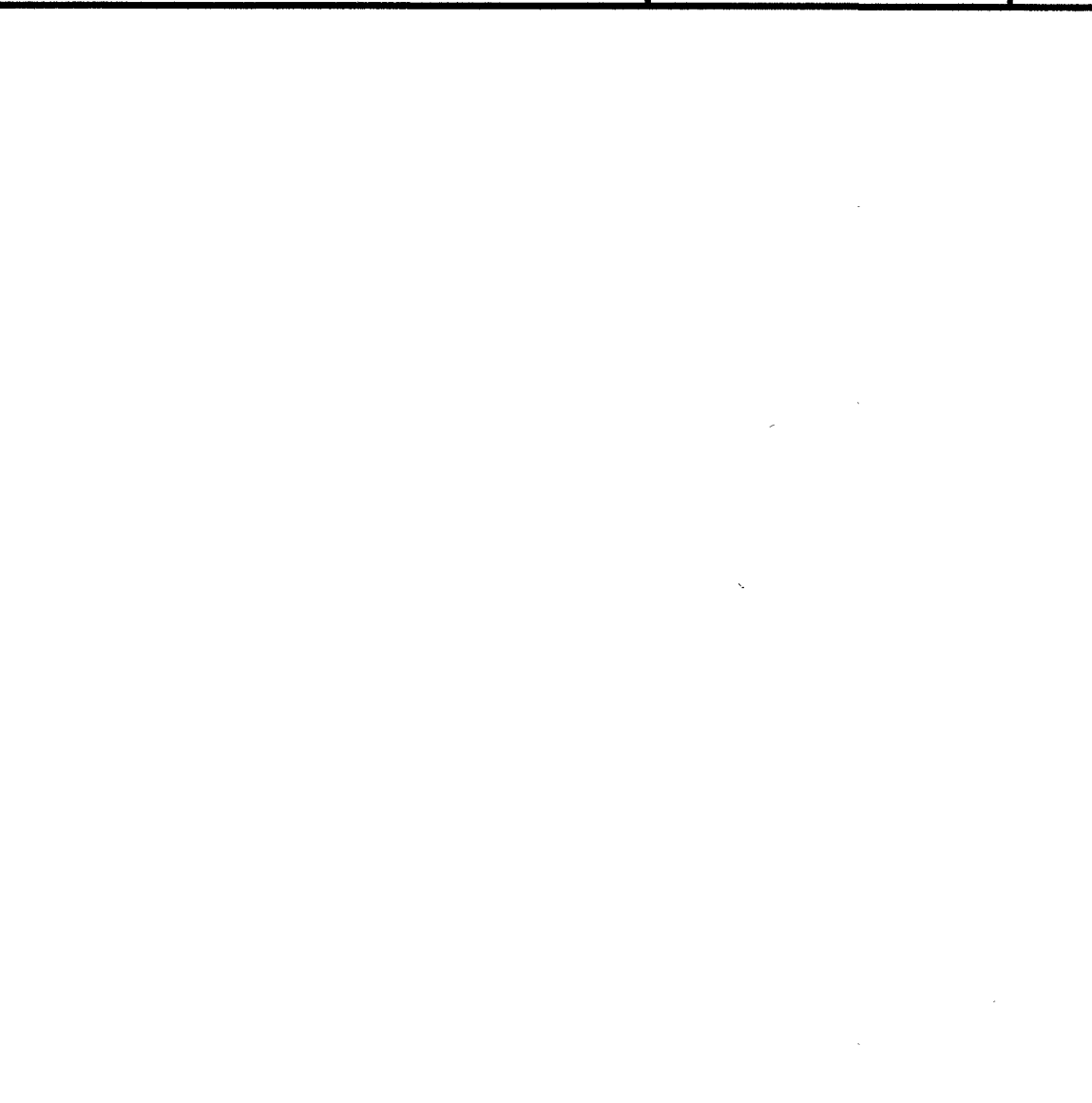
1



RADIO PLAN VIEW

NO SCALE

2



NOT USED

NO SCALE

3



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10550 W. CHARLESTON
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LAS VEGAS, NV 89135



BLACK & VEATCH

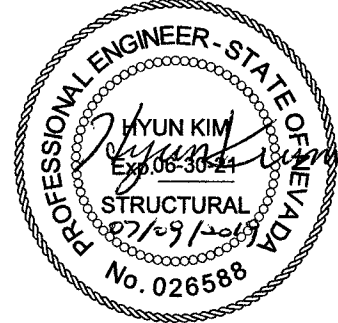
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INTERSECTION OF
W CABIN DR & N COZY LODGE ST
LAS VEGAS, NV 89131
PICO SMALL CELL

SHEET TITLE
**POLE ELEVATIONS
AND RISER DETAILS**

SHEET NUMBER

A-2

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

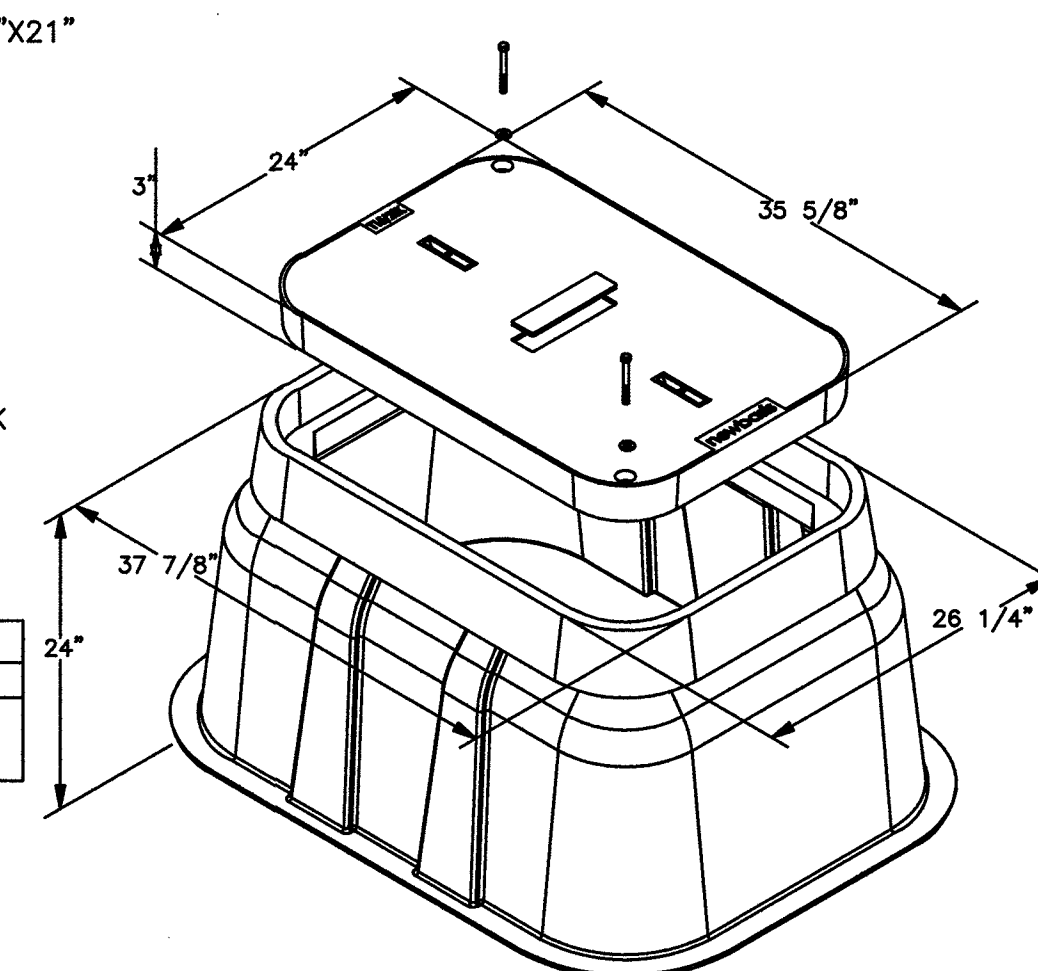
LOAD RATINGS:

INCIDENTAL TRAFFIC - PARKING LOT, SIDEWALK

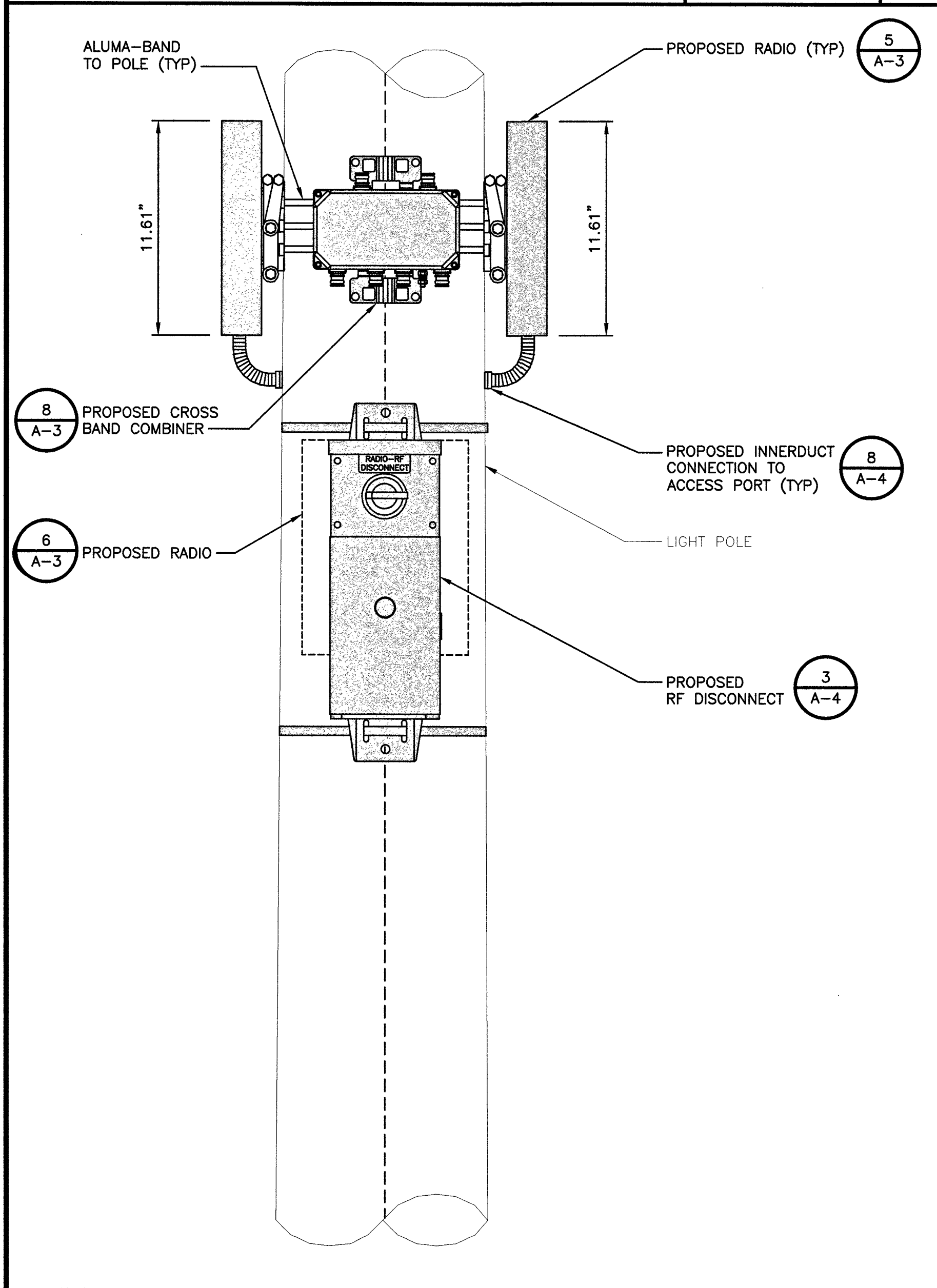
CONFORMS TO:

- 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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NOT USED	NO SCALE	2
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NOT USED	NO SCALE	5
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NOT USED	NO SCALE	7
----------	----------	---

NOT USED	NO SCALE	7
----------	----------	---

NOT USED	NO SCALE	7
----------	----------	---

NOT USED	NO SCALE	7
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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

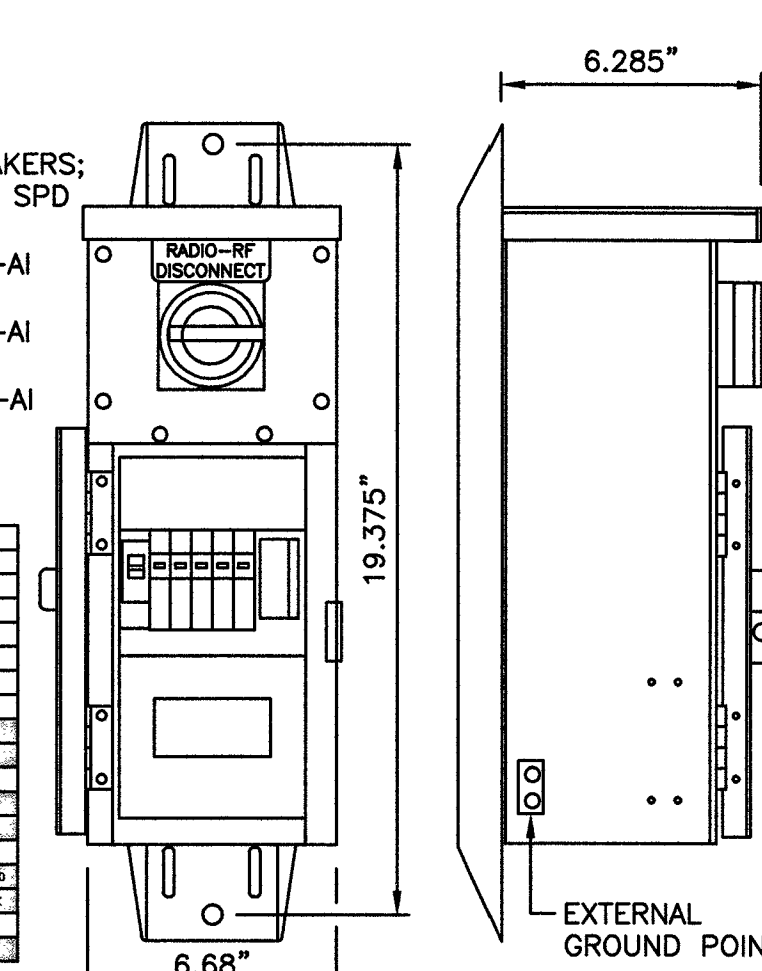
NUMBER OF BREAKERS (MAX): (5) UL-489 BREAKERS; 0-25 amp; DUAL SPD

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



Dimensions: 6.285", 19.375", 6.68".

EXTERNAL GROUND POINT

ITEM	QTY	DESCRIPTION	STANDARD	REQ. QTY
PTS90123	1	16.15"x6.68"x6.285" (0.39ft³)	STANDARD	1
PTS90123	1	16.15"x6.68"x6.285" (0.39ft³)	STANDARD	1
PTS90123	1	16.15"x6.68"x6.285" (0.39ft³)	STANDARD	1
PTS90123	1	16.15"x6.68"x6.285" (0.39ft³)	STANDARD	1
PTS90123	1	16.15"x6.68"x6.285" (0.39ft³)	STANDARD	1

Legend: * NO EXTERNAL AC DISCONNECT, ** EXTERNAL AC DISCONNECT, *** EXTERNAL AC DISCONNECT SWITCH.

LOAD CENTER DETAIL	NO SCALE	3
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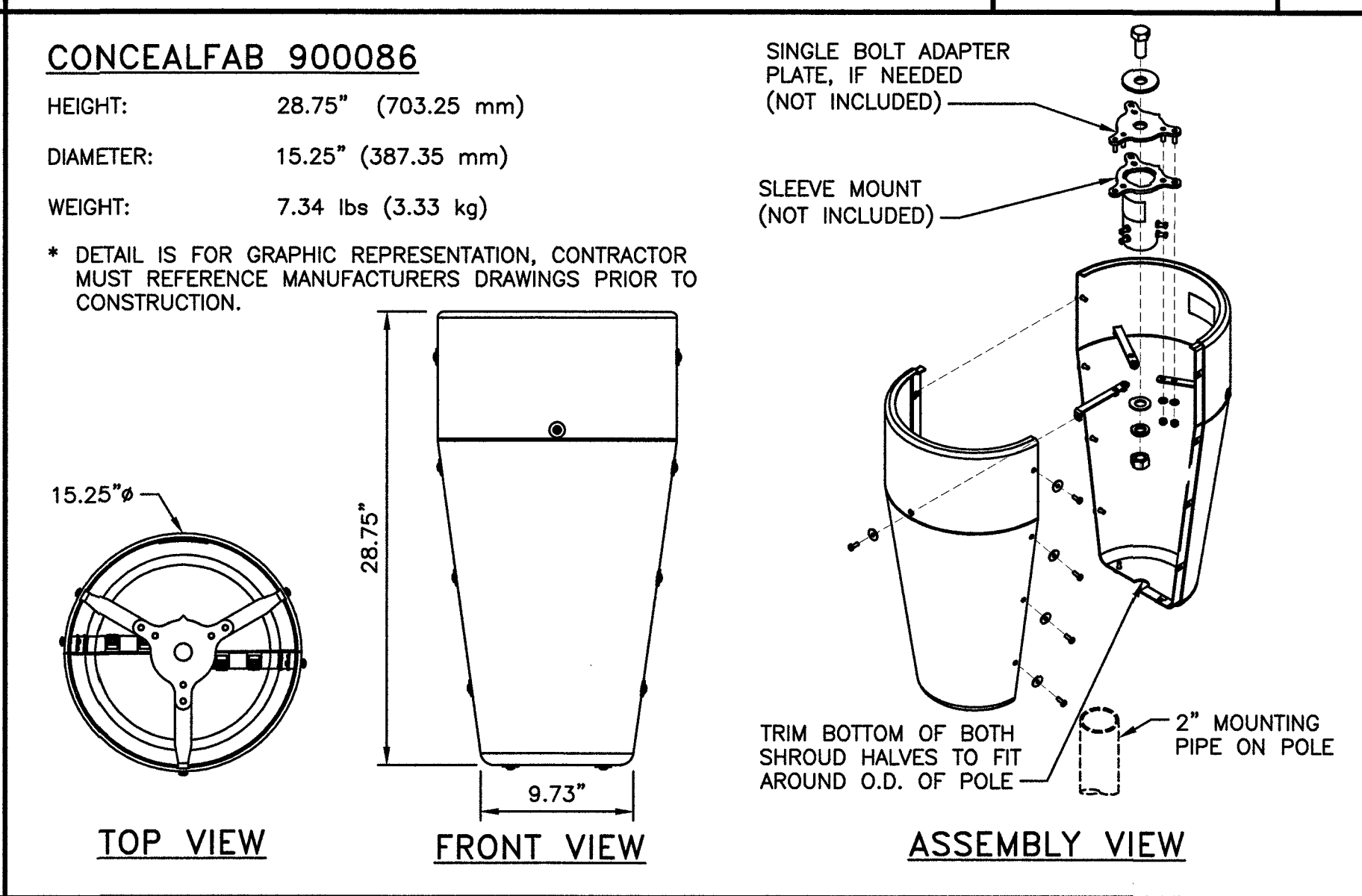
CONCEALFAB 900086

HEIGHT: 28.75" (703.25 mm)

DIAMETER: 15.25" (387.35 mm)

WEIGHT: 7.34 lbs (3.33 kg)

* DETAIL IS FOR GRAPHIC REPRESENTATION, CONTRACTOR MUST REFERENCE MANUFACTURERS DRAWINGS PRIOR TO CONSTRUCTION.



Labels: SINGLE BOLT ADAPTER PLATE, IF NEEDED (NOT INCLUDED), SLEEVE MOUNT (NOT INCLUDED), TRIM BOTTOM OF BOTH SHROUD HALVES TO FIT AROUND O.D. OF POLE, 2" MOUNTING PIPE ON POLE.

Dimensions: 15.25", 28.75", 9.73".

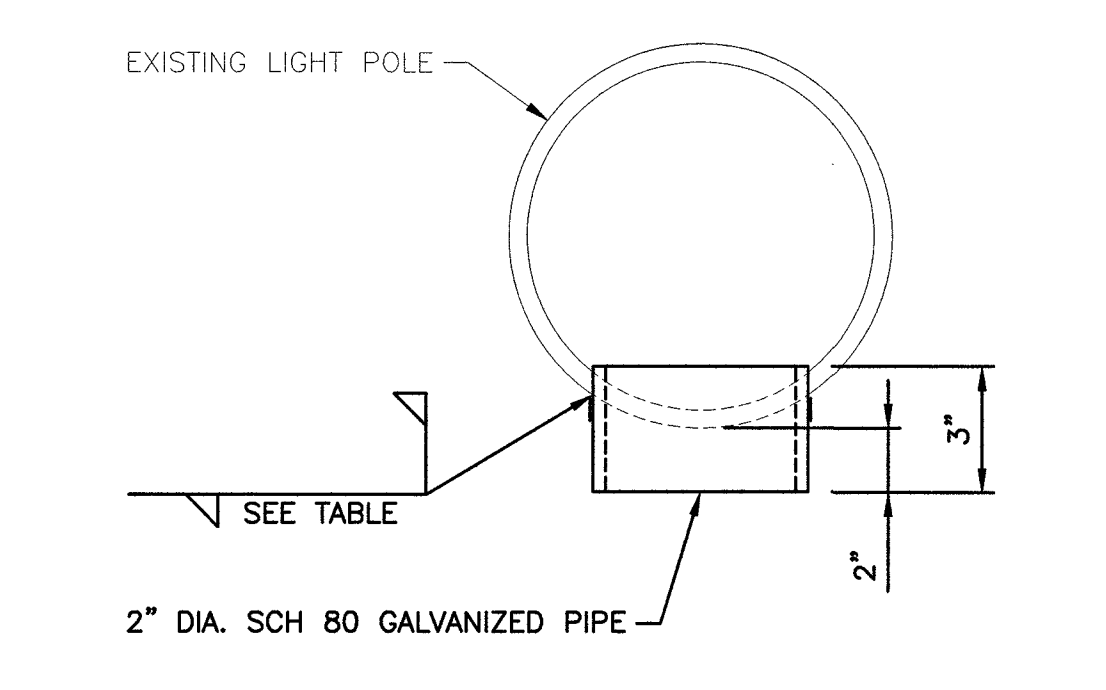
Views: TOP VIEW, FRONT VIEW, ASSEMBLY VIEW.

SMALL POLE TOP MOUNT CABLE SHROUD	NO SCALE	6
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MINIMUM SIZE OF FILLET WELDS

MATERIAL THICKNESS OF THICKER PART JOINED (IN.)	MINIMUM SIZE OF FILLET WELD* (IN.)
TO 1/4 INCLUSIVE	1/8
OVER 1/4 TO 1/2	3/16
OVER 1/2 TO 3/4	1/4
OVER 3/4	5/16

*LEG DIMENSION OF FILLET WELDS. SINGLE-PASS WELDS MUST BE USED.



Labels: EXISTING LIGHT POLE, 2" DIA. SCH 80 GALVANIZED PIPE, SEE TABLE.

Dimensions: 2", 2".

VERTICAL ACCESS PORT DETAIL	NO SCALE	8
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BLACK & VEATCH

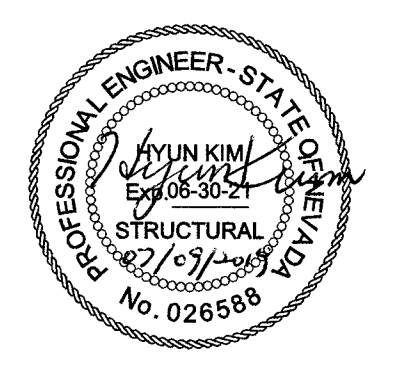
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LAS VEGAS, NV 89131
PICO SMALL CELL

SHEET TITLE
EQUIPMENT DETAILS

SHEET NUMBER
A-4



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

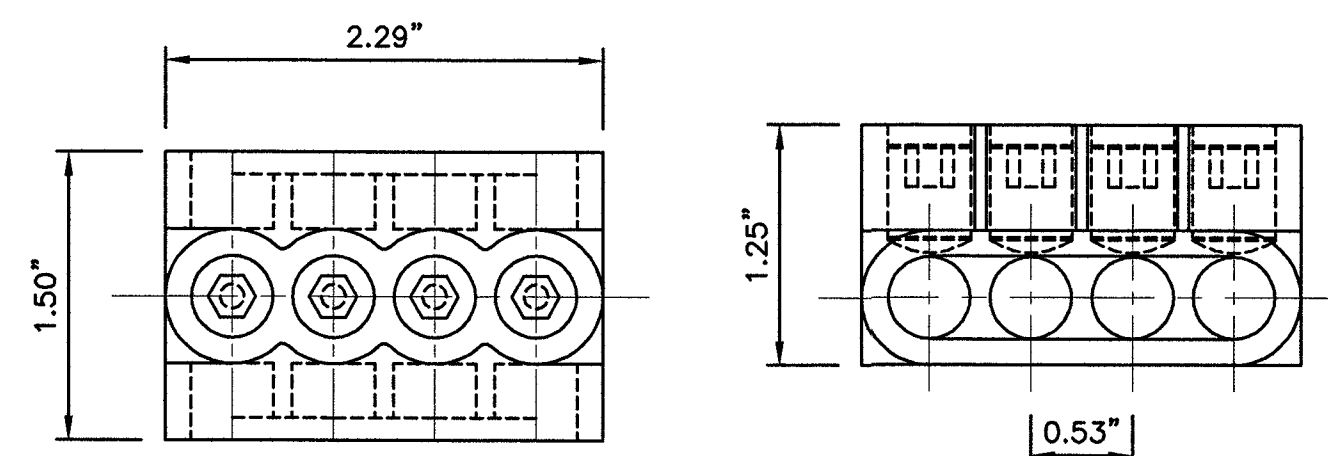
NOTE: SPECIFIC EME PLACARD WILL BE PLACED AFTER EME REPORT

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)

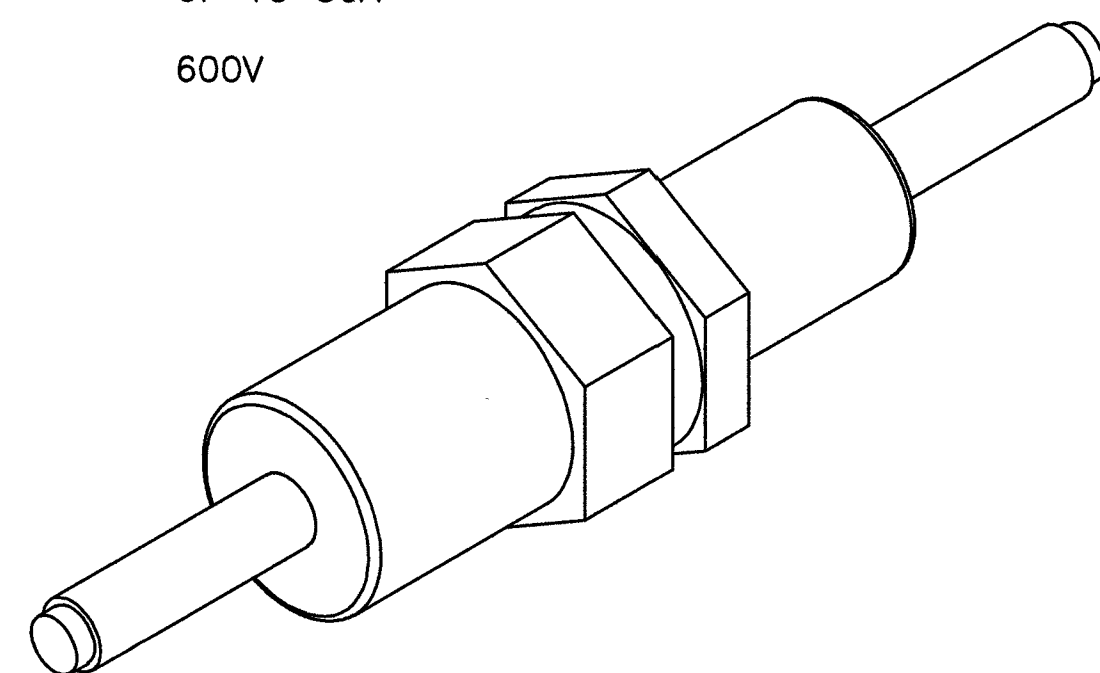
NON-BREAKAWAY MODEL#: HEB-AA (4.4" LONG)

WIRE RANGE: #8-16; (2) #12-16

RECOMMENDED FUSES: BAF, FNM, FNQ, KLM AND KTK

AMPS: UP TO 30A

VOLTS: 600V



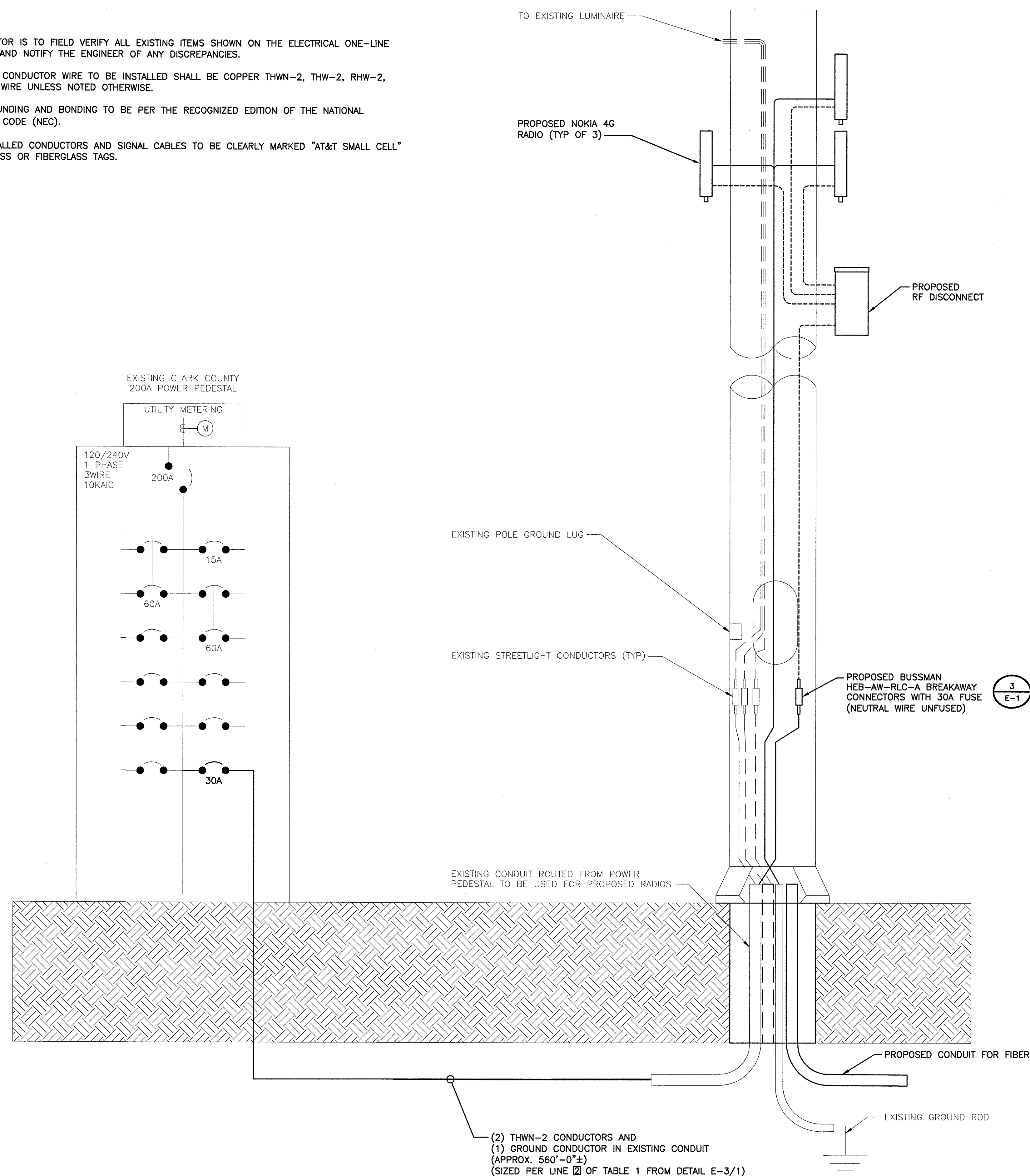
PROPOSED BREAKAWAY AND NON-BREAKAWAY IN-LINE FUSE HOLDER

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 "AT&T SMALL CELL" WITH BRASS OR FIBERGLASS TAGS.



TYPICAL POLE SITE TEMPLATE

NO SCALE

4



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BLACK & VEATCH

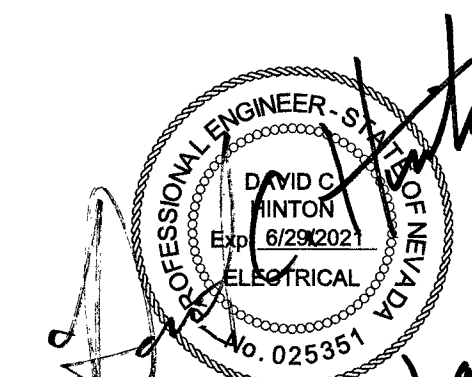
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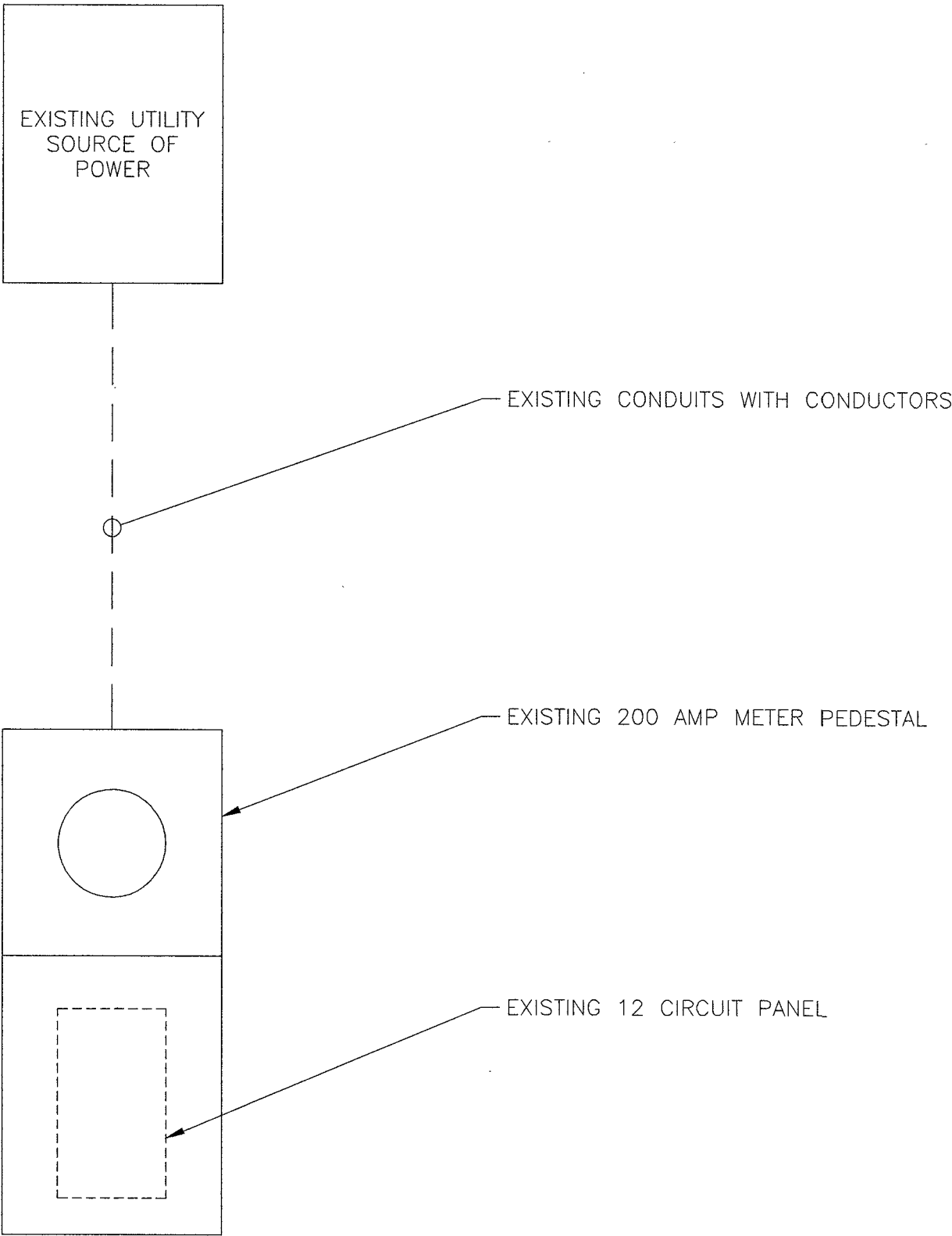
SHEET TITLE
ELECTRICAL DETAILS
AND DIAGRAMS

SHEET NUMBER

E-1

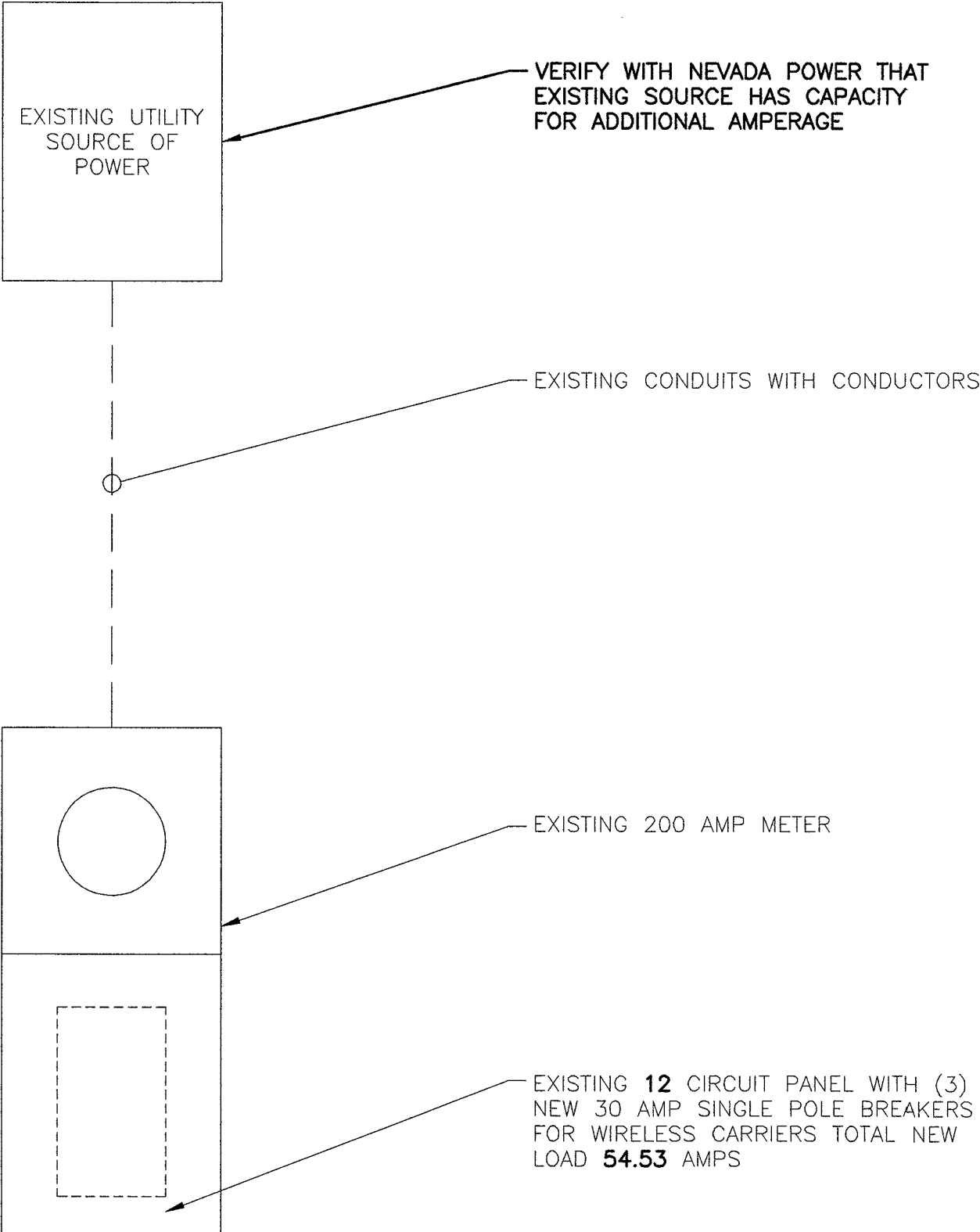
EXISTING ELECTRICAL LOAD STUDY

EXISTING LOAD.....41.75 AMPS
ALLOWED LOAD 80%.....160.00 AMPS



PROPOSED ELECTRICAL LOAD STUDY

EXISTING LOAD.....41.75 AMPS
SAFETY FACTOR 125%.....52.19 AMPS
PROPOSED LOAD.....2.34 AMPS
TOTAL LOAD.....54.53 AMPS
ALLOWED LOAD 80% OF 200 AMPS.....160.00 AMPS



EXISTING SINGLE LINE DIAGRAM

NO SCALE

1

PROPOSED SINGLE LINE DIAGRAM

NO SCALE

2

Site Nam e:		W CABIN DR & N COZY LODGE ST					MODEL NUMBER:		EXISTING METER AND LOAD CENTER PEDESTAL											
SITE NUMBER:		CRAN_NVLO8303F_R01					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			
								0		1.00	1.00	0	ON	2	200	MAIN				
								0	1.00	1.00	0									
1	STREET LIGHTS	60	2	ON	2688	1.00	1.25	3540		1.25	1.00	144	ON	1	15	PHOTO CELL	2			
3					2748	1.00	1.25		6180	1.25	1.00	2196	ON	2	60	STREET LIGHTS	4			
5								2805		1.25	1.00	2244								6
7								0									8			
9								0									10			
11									563	1.25	1.00	460	NEW	1	30	PACTEHSOL PTS90122-3-AA777-PN-8	12			
								PHASE A	PHASE B											
								6345	6743	VA										
								TOTAL	KVA	13.09										
									AMPS	54.53										

PROPOSED PANEL SCHEDULE AND CALCS

NO SCALE

3



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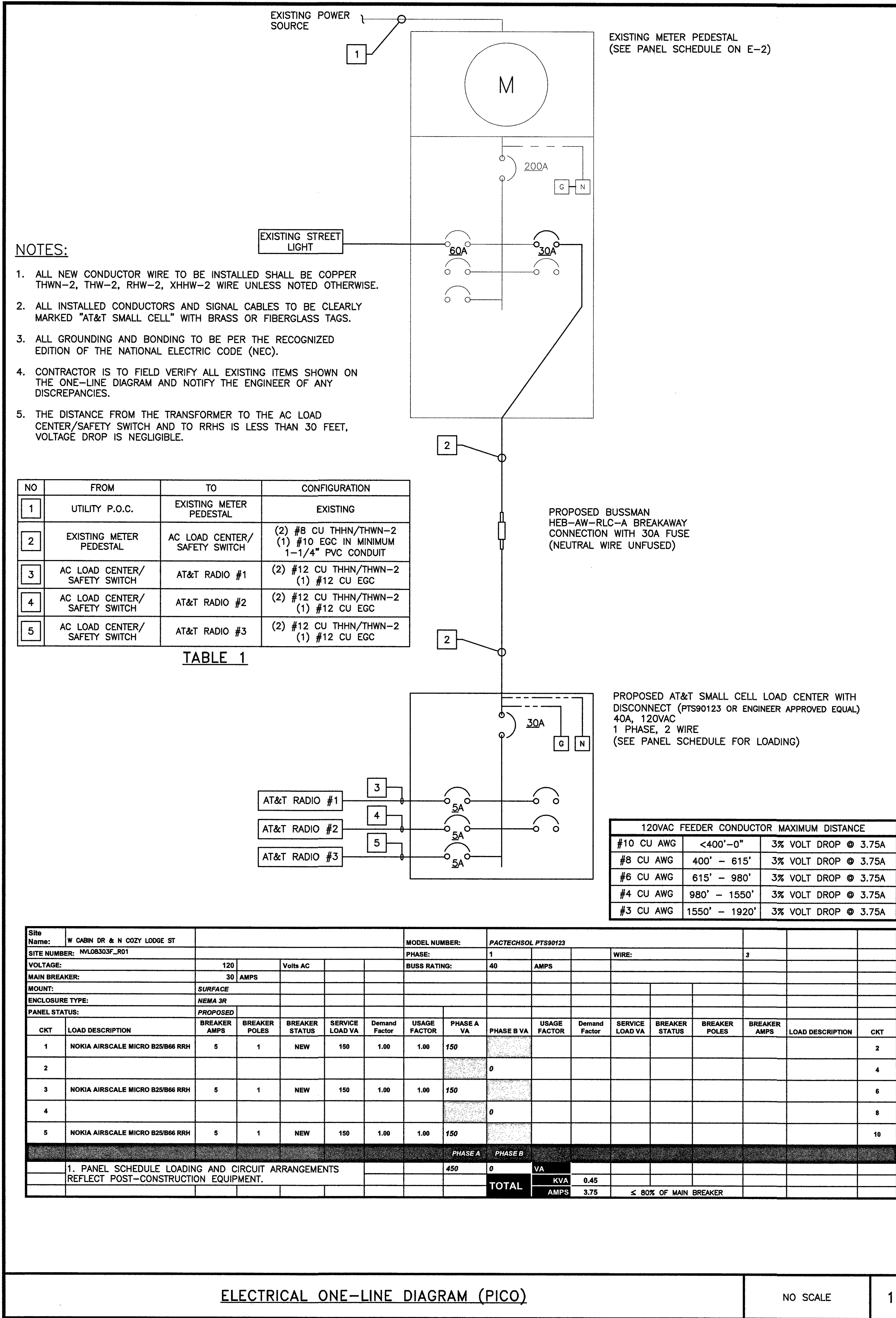
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SHEET TITLE
ELECTRICAL CALCULATIONS
AND SCHEDULES

SHEET NUMBER

E-2

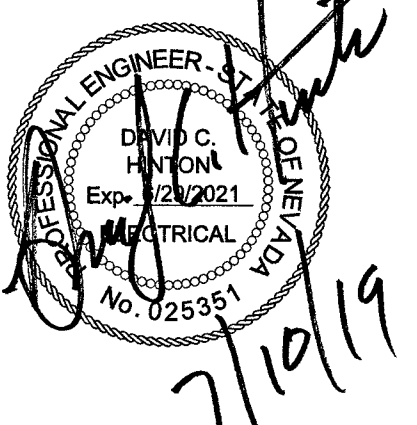



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SHEET TITLE
ELECTRICAL ONE-LINE
DIAGRAM

SHEET NUMBER
E-3

ELECTRICAL ONE-LINE DIAGRAM (PICO)

NO SCALE

1

NOT USED

NO SCALE

2

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

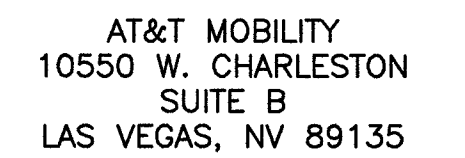
1

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



NO SCALE

2



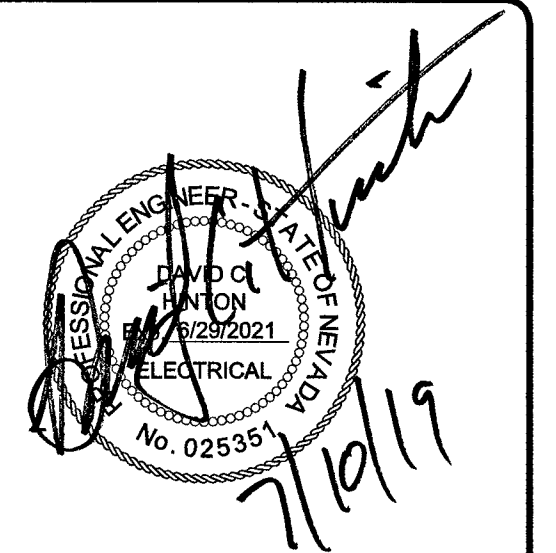
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PICO SMALL CELL

SHEET TITLE

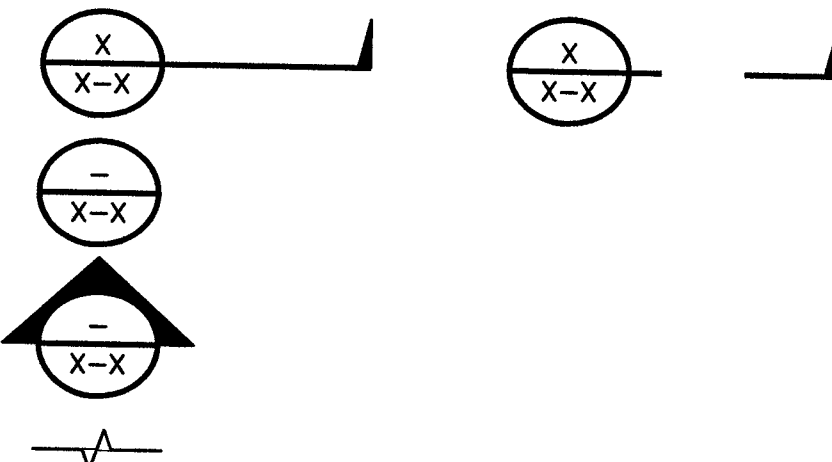
GROUNDING DIAGRAMS

SHEET NUMBER

G-1

- ## GENERAL NOTES

BREAKLINE



LEGEND

INT	INTERIOR
LB(S)	POUND(S)
LF	LINEAR FEET
LTE	LONG TERM EVOLUTION
MAS	MASONRY
MAX	MAXIMUM
MB	MACHINE BOLT
MECH	MECHANICAL
MFR	MANUFACTURER
MGB	MASTER GROUND BAR
MIN	MINIMUM
MISC	MISCELLANEOUS
MTL	METAL
MTS	MANUAL TRANSFER SWITCH
MW	MICROWAVE
(N)	NEW
NEC	NATIONAL ELECTRIC CODE
NO.(#)	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OPENG	OPENING
(P)	PROPOSED
P/C	PRECAST CONCRETE
PCCS	PERSONAL COMMUNICATION SERVICES
PCU	PRIMARY CONTROL UNIT
PRC	PRIMARY RADIO CABINET
PP	POLARIZING PRESERVING
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED
PWR	POWER CABINET
QTY	QUANTITY
RAD	RADIUS
RECT	RECTIFIER
REF	REFERENCE
REINF	REINFORCEMENT
REQ'D	REQUIRED
RET	REMOTE ELECTRIC TILT
CMC	RIGID METALLIC CONDUIT
RH	REMOTE RADIO HEAD
RU	REMOTE RADIO UNIT
WY	RACEWAY
CH	SCHEDULE
HT	SHEET
DIAD	SMART INTEGRATED DEVICE
IM	SIMILAR
PEC	SPECIFICATION
Q	SQUARE
S	STAINLESS STEEL
TD	STANDARD
TL	STEEL
STRUCT	STRUCTURAL
TEMP	TEMPORARY
THK	THICKNESS
MA	TOWER MOUNTED AMPLIFIER
I	TOE NAIL
OA	TOP OF ANTENNA
OC	TOP OF CURB
OF	TOP OF FOUNDATION
OP	TOP OF PLATE (PARAPET)
S	TOP OF STEEL
W	TOP OF WALL
SS	TRANSIENT VOLTAGE SUPPRESSION SYSTEM
P	TYPICAL
	UNDERGROUND
	UNDERWRITERS LABORATORY
O	UNLESS NOTED OTHERWISE
TS	UNIVERSAL MOBILE TELECOMMUNICATIONS SYSTEM
S	UNINTERRUPTIBLE POWER SYSTEM (DC POWER PLANT)
	VERIFIED IN FIELD
	WIDE
	WITH
	WOOD
P.	WORK POINT
	WEATHERPROOF
	WEIGHT

GN-1

GN-2

STRUCTURAL STEEL NOTES

1. DESIGN, FABRICATION, ERECTION, ALTERATION AND MAINTENANCE SHALL CONFORM TO THE FOLLOWING, UNLESS NOTED OTHERWISE (UNO).

A. TIA-222: STRUCTURAL STANDARD FOR ANTENNA SUPPORTING STRUCTURES AND ANTENNAS

B. TIA-1019-A: INSTALLATION, ALTERATION, AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS

C. AISC: MANUAL OF STEEL CONSTRUCTION
2. ALL STRUCTURAL ELEMENTS SHALL CONFORM TO THE FOLLOWING REQUIREMENTS, UNO.

A. STRUCTURAL STEEL, ASTM A572 GRADE 65 (FY = 65 KSI).

B. ALL BOLTS, ASTM A325 TYPE 1 GALVANIZED HIGH STRENGTH BOLTS.

C. ALL NUTS, ASTM A563 CARBON AND ALLOY STEEL NUTS.

D. ALL WASHERS, ASTM F436 HARDENED STEEL WASHERS.
3. 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.
4. ALL FASTENERS SHALL NOT BE REUSED.
5. A NUT LOCKING DEVICE SHALL BE INSTALLED ON ALL PROPOSED AND/OR REPLACED ASTM A325 BOLTS.
6. 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.
7. HOT-DIP GALVANIZE ALL ITEMS, UNO.

GALVANIZE PER ASTM A123, ASTM A153/A153M OR ASTM A653 G90, AS APPLICABLE.
8. 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

1. ALL WELDING SHALL BE IN ACCORDANCE WITH THE AWS D1.1/D1.1M, "STRUCTURAL WELDING CODE-STEEL".
2. ALL WELDING SHALL BE PERFORMED BY AWS CERTIFIED WELDERS.
3. 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.
4. FOR ALL WELDING, USE E80XX ELECTRODES FOR SMAW PROCESS AND EBXT-XX ELECTRODES FOR FCAW PROCESS, UNO.
5. 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.
6. 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.
7. 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.
8. DO NOT WELD ON WET OR FROST-COVERED SURFACES & PROVIDE ADEQUATE PROTECTION FROM HIGH WINDS.
9. MOVE ALL COAX AND OTHER FLAMMABLE MATERIALS FROM ANY AREA THAT MAY BE HEATED DURING CONSTRUCTION.
10. 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.

STORMWATER BMP NOTES:

1. 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.
2. 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.
3. 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.
4. 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.
5. BMP'S TO BE IMPLEMENTED INCLUDE BUT ARE NOT LIMITED TO:

A. MINIMIZE DISTURBED AREA AND PROTECT NATURAL FEATURES AND SOIL

B. CONTROLLING STORMWATER FLOWING ONTO AND THROUGH THE PROJECT VIA THE USE OF SEDIMENT BERMS AND STRAW WADDLES AS APPROPRIATE

C. STABILIZING SOILS THROUGH SITE RESTORATION AT COMPLETION OF PROJECT

D. PROTECTING STORM DRAIN INLETS VIA THE USE OF SAND BAGS, STRAW WADDLES AND FILTER FABRIC AS APPROPRIATE
6. BMP'S MUST BE IN PLACE WHEN SOILS ARE EXPOSED (NO WAITING PERIODS)



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



BLACK & VEATCH

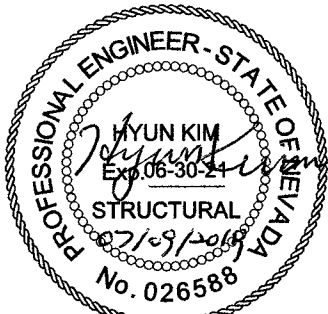
BLACK & VEATCH CORPORATION
8965 S EASTERN AVE
SUITE #325
LAS VEGAS, NV 89123

PROJECT NO: 129084.1512

DRAWN BY: MAK

CHECKED BY: GAC

0	04/15/2019	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.

NVL08303F_R01
INTERSECTION OF
W CABIN DR & N COZY LODGE ST
LAS VEGAS, NV 89131
PICO SMALL CELL

SHEET TITLE

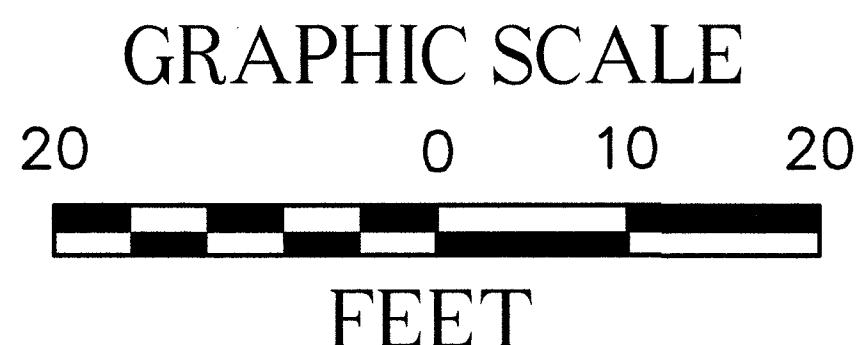
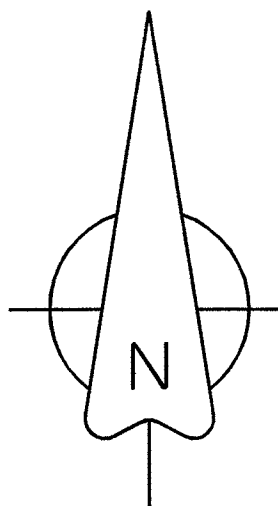
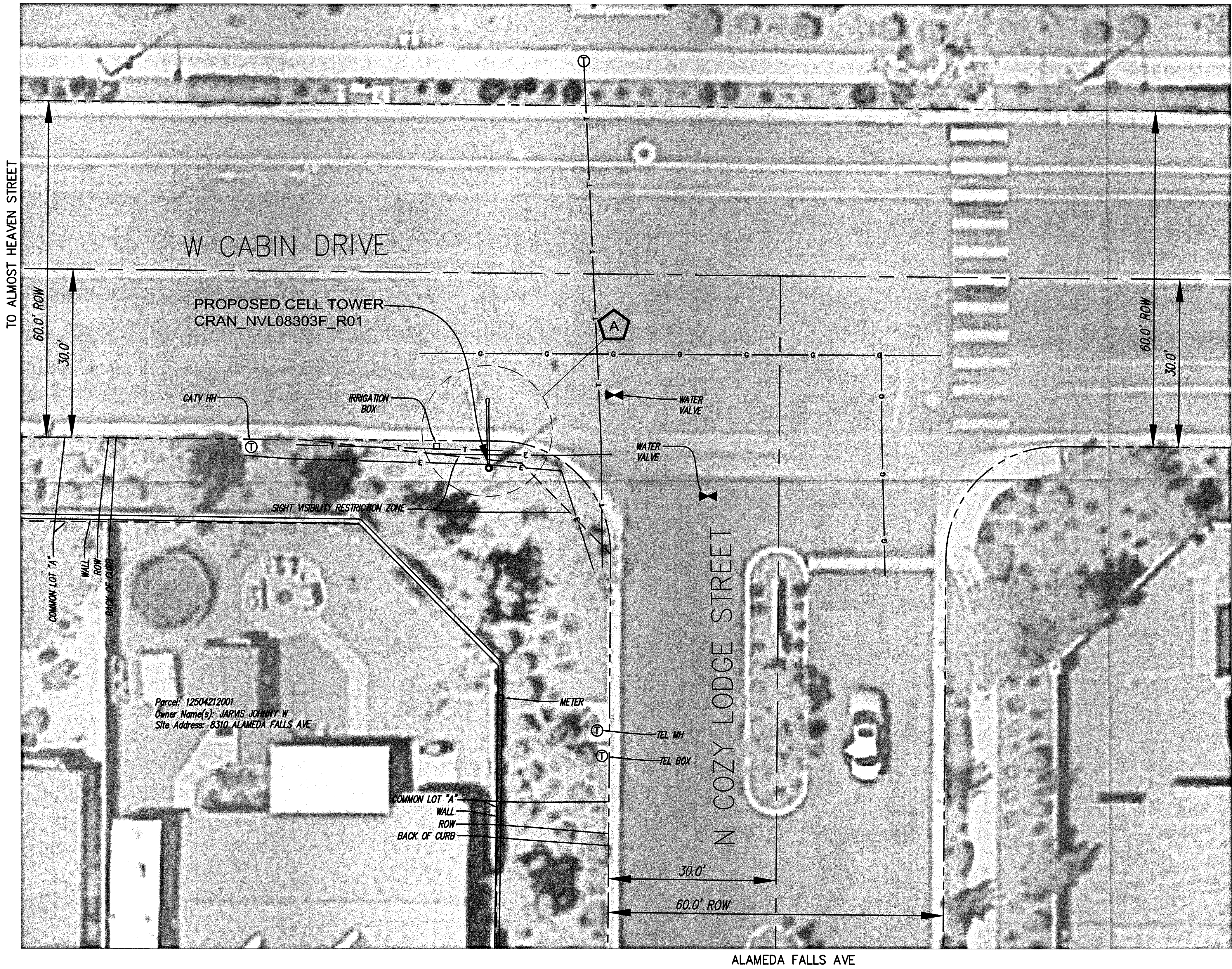
GENERAL NOTES

SHEET NUMBER

GN-3

SMALL CELL SITE SURVEY
SITE: CRAN_NVL08303F_R01
S½NW¼ OF SECTION 4, TOWNSHIP 19 SOUTH, RANGE 60 EAST

SITE #/PACE_NAME: CRAN_NVL08303F_R01_LTE_1C_1900
FA LOCATION CODE: 14856604
USID: 231627



⬡ LATITUDE: 36°19'53.93"N
LONGITUDE: 115°16'26.81"W
GROUND ELEVATION: 2516.66'
NAVD '88

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
— S — — —	SEWER
— T — — —	TELEPHONE
— W — — —	WATER
— E — — —	ELECTRIC
— G — — —	GAS LINE
— — — — —	OVERHEAD ELEC
— X — — —	FENCE BARB
— — — — —	PROPERTY LINE

ENGINEERS:

BLACK & VEATCH

6 SUNSET WAY
SUITE B108
HENDERSON, NV 89014

SITE NO: CRAN_NVL08303F_R01		
DRAWN BY:	KJC	
CHECKED BY:	CIS	
REV	DATE	DESCRIPTION
A	3/27/19	PRELIMINARY SUBMITTAL
	</	

SURVEYOR:

CIS
PROFESSIONAL LAND SURVEYING
435-660-0816

CIS JOB NO:
CIS 315-1-31-82

SHEET TITLE
**SMALL CELL
SITE SURVEY**

SHEET NUMBER
1 OF 1



CITY OF LAS VEGAS

TRAFFIC ENGINEERING
FIELD OPERATIONS
3001 RONEMUS DRIVE
LAS VEGAS, NV 89128
PHONE: (702) 229-6331

SMALL CELL SITE SURVEY

- THIS FORM IDENTIFIES THE POTENTIAL POWER SUPPLY SOURCE FOR A PROPOSED SMALL CELL SITE
- THIS ONLY REPRESENTS THE CONDITIONS AT TIME OF SITE SURVEY
- FIELD CONDITIONS MAY CHANGE FROM THE TIME OF THE SITE SURVEY UNTIL THE START OF CONSTRUCTION

CONTRACTOR'S NAME: Overland Contracting WIRELESS USE AGREEMENT New Cingular Wireless

WIRELESS SERVICE PROVIDER & ID#: New Cingular Wireless CONTACT NAME: Jason Frayer

OFFICE: 8965 South Eastern Avenue, Suite 325 LV. NV 89123 MOBILE: 702-460-8926 FAX: _____

POLE LOCATION & ID: Cabin & Cozy Lodge UNIT ID#252186

CIRCLE ONE: NEW POLE / (EXISTING POLE) _____

PROPOSED SERVICE INFORMATION					
Service Location	8198 CABIN DR		ID#450248		
Existing Meter #	CC030057398				
Existing Service Size	60 Amp	100 Amp	125 Amp	<u>200 Amp</u>	
Street Light Circuit					
Service Type	<u>Pedestal</u>		Pole Mount		
Current Application	Traffic Signal	<u>St. Lighting</u>	Both		
Existing Load		83.5 Amps	Amps		
Field Tested By:	T. Azbill		Date:	02/07/2019	

CLV REPRESENTATIVE

- TO BE COMPLETED BY TEFO STAFF

CLV FIELD REVIEWER'S NAME: B Bradway

FIELD REVIEW DATE: 02/06/2019

SENIOR/SUPERVISOR REVIEW SIGNATURE: _____

DATE REVIEWED BY SENIOR TECH: _____

Suitable for use to serve small cell site without upgrade.

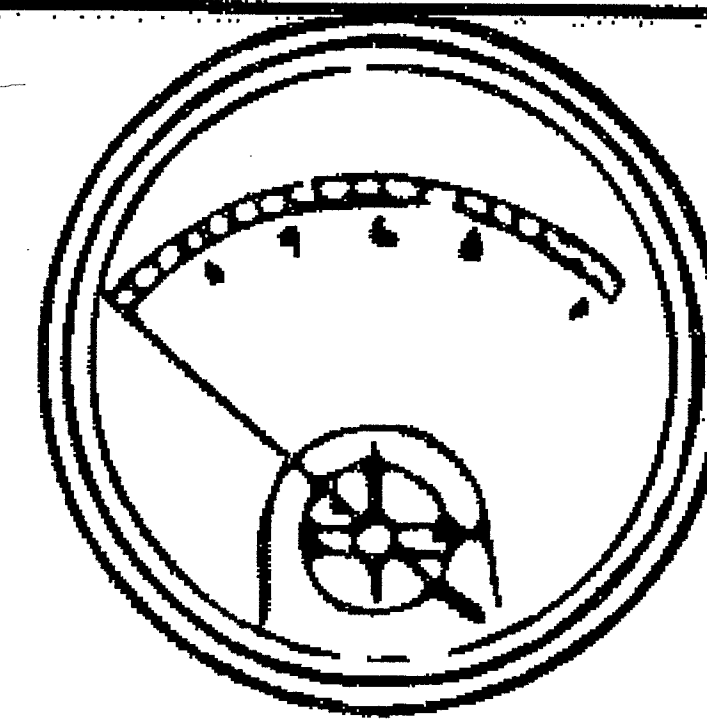
BACKUP DOCUMENTATION

- DRAWINGS, PHOTOS, ETC

FILE NAME: _____	CREATION DATE: _____
FILE NAME: _____	CREATION DATE: _____
FILE NAME: _____	CREATION DATE: _____
Service Size _____	CREATION DATE: _____

NV POWER SERVICE ADDRESS
LOAD BAY DOCUMENTATION FOR SPACE UTILIZATION

**(BLACK OUT ALL SLOTS UNUSED BY CIRCUIT BREAKERS...
 NOTE RESPECTIVE AMPACITY AND CIRCUIT USE FOR ALL SLOTS PRESENTLY IN USE)**



-----	200 "dbl"
60 "dbl" (22.4a)	"dbl"
"dbl" (22.9a)	15 (1.2a)
Spare	60 "dbl" (18.3a)
Spare	"dbl" (18.7a)
Spare	Spare
Spare	Spare
	Spare