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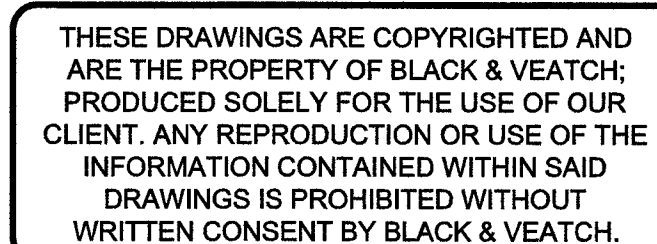
PROJECT MANAGER: _____ DATE: _____

CONSTRUCTION MANAGER: _____ DATE: _____

RF ENGINEER: _____ DATE: _____

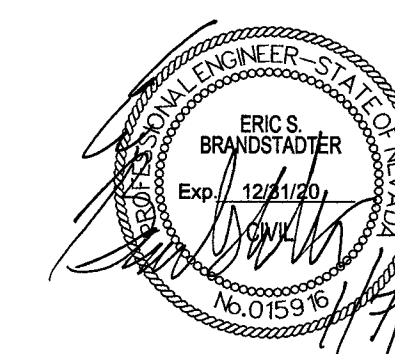
SITE ACQUISITION: _____ DATE: _____

LANDLORD: _____ DATE: _____



PROJECT NO.	DRAWN BY	CHECKED BY
199064.2020	MSC	LEW

0	10/10/18	ISSUED FOR CONSTRUCTION
REV	DATE	DESCRIPTION



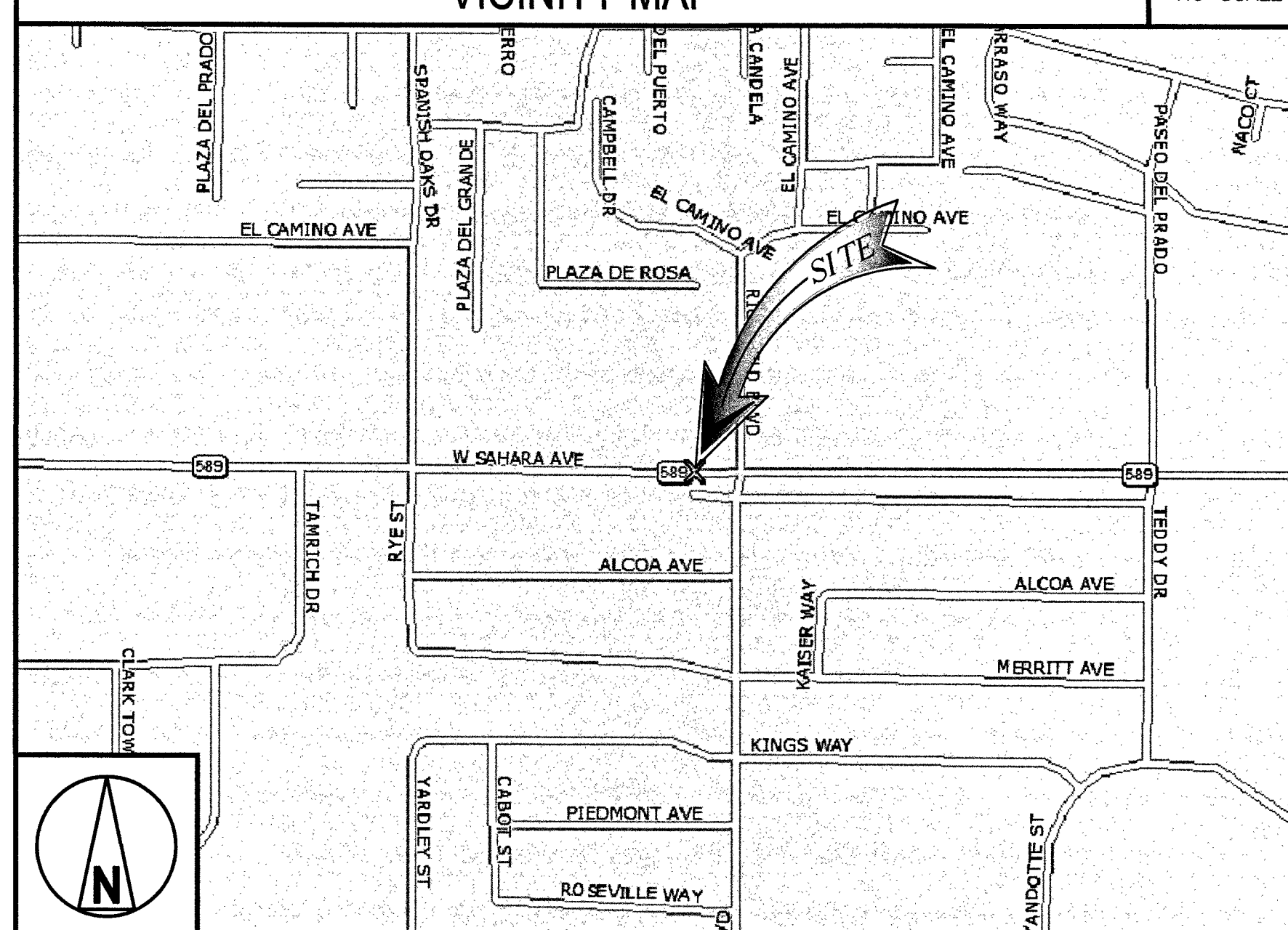
IT IS A VIOLATION OF LAW FOR ANY PERSON,
UNLESS THEY ARE ACTING UNDER THE DIRECTION
OF A LICENSED PROFESSIONAL ENGINEER,
TO ALTER THIS DOCUMENT.

33AT0073SMC
CRAN_NVL08107F_R01
3052.25 W SAHARA AVE.
LAS VEGAS, NV 89102
SMALL CELL

TITLE SHEET

T-1

NO SCALE



DRIVING DIRECTIONS

SCALE

THE DRAWING SCALES SHOWN IN THIS SET REPRESENT THE CORRECT
SCALE ONLY WHEN THESE DRAWINGS ARE PRINTED IN AN 22" X 34"
FORMAT.

CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

COX
(702) 938-8898

APPLICABLE CODES

JURISDICTION: CITY OF LAS VEGAS

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN CONFORMING TO THESE CODES.

- 2012 INTERNATIONAL BUILDING CODE (IBC) WITH NEVADA STATE AMENDMENTS
- 2011 NATIONAL ELECTRIC CODE (NEC) WITH NEVADA STATE AMENDMENTS

IN THE EVENT OF A CONFLICT, THE MOST RESTRICTIVE CODE SHALL PREVAIL.

ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA NEVADA", LATEST ISSUE; THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA NEVADA", LATEST ISSUE; "NDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST ISSUE; "NDOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST ISSUE; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE.

PROJECT CONTACTS

<u>CLIENT:</u>	COX COMMUNICATIONS
<u>PROJECT MANAGER:</u>	JIM ARBOGAST (702) 420-0842 JAMES.ARBOGAST@COX.COM
<u>CONSTRUCTION MANAGER:</u>	JIM ARBOGAST (702) 420-0842 JAMES.ARBOGAST@COX.COM
<u>CARRIER SUPPORT:</u>	DANIELLE ETZBACH (404) 269-3997 DANIELLE.ETZBACH@COX.COM

PROJECT DATA

APPLICANT/LESSEE:	COX TELECOM NEVADA, LLC 1700 VEGAS DR. LAS VEGAS, NV 89106
PROPERTY OWNER:	CITY OF LAS VEGAS
JURISDICTION:	CITY OF LAS VEGAS
APN:	162-05-499-001
LATITUDE:	36.144358° 36° 08' 39.69" N
LONGITUDE:	-115.182422° 115° 10' 56.72" W
POLE ID:	23318
ELEVATION:	2104.00' AMSL
CURRENT ZONING:	NA
ANTENNA LOCATION:	POLE TOP
EQUIPMENT LOCATION:	BANDED TO POLE

ACCESSIBILITY DISCLAIMER

THIS PROPOSED PROJECT IS AN UNOCCUPIED TELECOMMUNICATIONS FACILITY AND IS NOT TO BE ACCESSED BY THE GENERAL PUBLIC. THIS FACILITY IS EXEMPT FROM DISABLED ACCESS REQUIREMENTS PER IBC 1103.2.9 LISTED AS AN EQUIPMENT SPACE.

SHEET INDEX

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1 T-1	TITLE SHEET
2 GN-1	GENERAL NOTES
3 A-1	OVERALL SITE PLAN
4 A-1.1	ENLARGED SITE PLAN
5 A-1.2	ENLARGED METER SITE PLAN
6 A-2	ELEVATIONS
7 D-1	EQUIPMENT DETAILS
8 D-2	METER PEDESTAL DETAILS
9 E-1	ELECTRICAL DETAILS AND DIAGRAMS
10 E-2	ELECTRICAL SINGLE LINE DIAGRAMS
11 G-1	GROUNDING DIAGRAMS
12 -	NDOT STANDARD DETAILS
13 -	SMALL CELL SITE SURVEY (BY OTHERS)
14 -	CITY OF LAS VEGAS POWER STUDY

PROJECT DESCRIPTION

THE PROPOSED PROJECT INCLUDES THE FOLLOWING:

- INSTALL (1) CANISTER ANTENNA
- INSTALL (1) ANTENNA MOUNT
- INSTALL (3) RADIO UNITS
- INSTALL (2) DIPLEXERS

811

NEVADA

Know what's below.
before you dig.

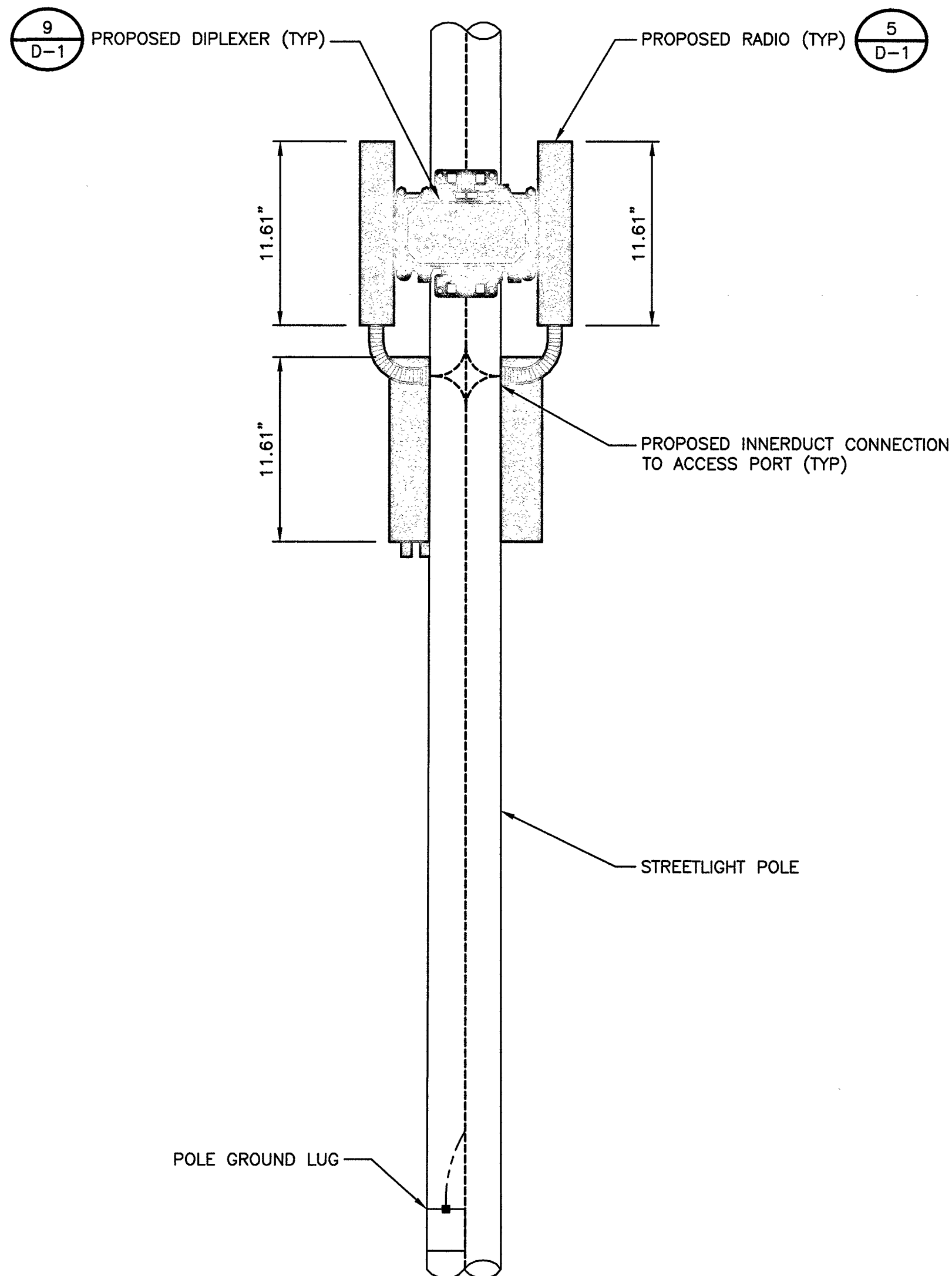
L19-00094 1/23/19

- SUBMITTAL OF BID INDICATES CONTRACTOR IS COGNIZANT OF ALL JOB SITE CONDITIONS AND WORK TO BE PERFORMED UNDER THIS CONTRACT.
- CONTRACTOR SHALL PERFORM ALL VERIFICATION OBSERVATION TESTS, AND EXAMINATION WORK PRIOR TO THE ORDERING OF THE ELECTRICAL EQUIPMENT AND THE ACTUAL CONSTRUCTION. CONTRACTOR SHALL ISSUE A WRITTEN NOTICE OF ALL FINDINGS TO THE ARCHITECT LISTING ALL MALFUNCTIONS, FAULTY EQUIPMENT AND DISCREPANCIES.
- HEIGHTS SHALL BE VERIFIED WITH OWNER TO INSTALLATION.
- THESE PLANS ARE DIAGRAMMATIC ONLY, FOLLOW AS CLOSELY AS POSSIBLE.
- EACH CONDUCTOR OF EVERY SYSTEM SHALL BE PERMANENTLY TAGGED IN EACH PANELBOARD, PULLBOX, J-BOX, SWITCH BOX, ETC., IN COMPLIANCE WITH OCCUPATIONAL SAFETY AND HEALTH ACT (O.S.H.A.).
- CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, INSURANCE, EQUIPMENT, INSTALLATION, CONSTRUCTION TOOLS, TRANSFORMATION, ETC., FOR A COMPLETE AND PROPERLY OPERATIVE SYSTEM ENERGIZED THROUGHOUT AND AS INDICATED ON DRAWINGS, AS SPECIFIED HEREIN AND/OR AS OTHERWISE REQUIRED.
- ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND IN PERFECT CONDITION WHEN INSTALLED AND SHALL BE OF THE BEST GRADE AND OF THE SAME MANUFACTURER THROUGHOUT FOR EACH CLASS OR GROUP OF EQUIPMENT. MATERIALS SHALL BE LISTED AND APPROVED BY UNDERWRITER'S LABORATORY AND SHALL BEAR THE INSPECTION LABEL "J" WHERE SUBJECT TO SUCH APPROVAL. MATERIALS SHALL MEET WITH APPROVAL OF THE DIVISION OF INDUSTRIAL SAFETY AND ALL GOVERNING BODIES HAVING JURISDICTION. MATERIALS SHALL BE MANUFACTURED IN ACCORDANCE WITH APPLICABLE STANDARDS ESTABLISHED BY ANSI, NEMA & NBFU.
- CONTRACTOR SHALL CARRY OUT HIS WORK IN ACCORDANCE WITH ALL GOVERNING STATE, COUNTY AND LOCAL CODES AND O.S.H.A.
- CONTRACTOR SHALL SECURE ALL NECESSARY BUILDING PERMITS.
- COMPLETE JOB SHALL BE GUARANTEED FOR A PRIOR OF ONE (1) YEAR AFTER THE DATE OF JOB ACCEPTANCE BY OWNER, ANY WORK, MATERIAL OR EQUIPMENT FOUND TO BE FAULTY DURING THAT PERIOD SHALL BE CORRECTED AT ONCE, UPON WRITTEN NOTIFICATION, AT THE EXPENSE OF THE CONTRACTOR.
- ALL CONDUIT ONLY (C.O.) SHALL HAVE A PULL WIRE OR ROPE.
- PROVIDE PROJECT MANAGER WITH ONE SET OF COMPLETE ELECTRICAL "AS INSTALLED" DRAWINGS AT THE COMPLETION OF THE JOB, SHOWING ACTUAL DIMENSIONS, ROUTINGS, AND CIRCUITS.
- ALL BROCHURES, OPERATING MANUALS, CATALOGS, SHOP DRAWINGS, ETC. SHALL BE TURNED OVER TO OWNER AT JOB COMPLETION.
- USE T-TAP CONNECTIONS ON ALL MULTI -CIRCUITS WITH COMMON NEUTRAL CONDUCTOR FOR LIGHTING FIXTURE.
- ALL CONDUCTORS SHALL BE COPPER.
- ALL CIRCUIT BREAKERS, FUSES AND ELECTRICAL EQUIPMENT SHALL HAVE AN INTERRUPTING RATING NOT LESS THE MAXIMUM SHORT CIRCUIT CURRENT TO WHICH THEY MAY BE SUBJECTED, AND A MINIMUM OF 10,000 A.I.C.
- THE ENTIRE ELECTRICAL INSTALLATION SHALL BE GROUNDED AS REQUIRED BY ALL APPLICABLE CODES AND DRAWINGS.
- PATCH, REPAIR AND PAINT ANY AREA THAT HAS BEEN DAMAGED IN THE COURSE OF THE ELECTRICAL WORK.
- IN DRILLING HOLES INTO CONCRETE WHETHER FOR FASTENING OR ANCHORING PURPOSES, OR PENETRATIONS THROUGH THE FLOOR FOR CONDUIT RUNS, PIPE RUNS, ETC., IT MUST BE CLEARLY UNDERSTOOD THAT TENDONS AND/OR REINFORCING STEEL WILL NOT BE DRILLED INTO, CUT OR DAMAGED UNDER ANY CIRCUMSTANCES.
- LOCATION OF TENDONS AND/OR REINFORCING STEEL ARE NOT DEFINITELY KNOWN AND THEREFORE MUST BE SEARCHED FOR BY APPROPRIATE METHODS AND EQUIPMENT VIA X-RAY OR OTHER DEVICES THAT CAN ACCURATELY LOCATE THE REINFORCING AND/OR STEEL TENDONS.
- WIRE AND CABLE CONDUCTORS SHALL BE COPPER #12 AWG MINIMUM, NO BX OR ROMEX CABLE IS PERMITTED UNLESS SPECIFICALLY NOTED OTHERWISE ON DRAWINGS.
- GROUNTING CONDUCTORS SHALL BE SOLD TINED COPPER AND ANNEALED #2.
- GROUND RODS SHALL BE COPPER CLAD STEEL, 5/8" ROUND AND 10' LONG. COPPERWELD OR APPROVED EQUAL.
- METER SOCKET AMPERES, VOLTAGE, NUMBER OF PHASES SHALL BE AS NOTED ON THE DRAWINGS. MANUFACTURED BY SQUARE D COMPANY OR APPROVED EQUAL. ALL MATERIALS SHALL BE U.L. LISTED.
- CONDUIT:
 - RIGID CONDUIT SHALL BE U.L. LABEL GALVANIZED ZINC COATED WITH INTERIOR AND SHALL BE USED WHEN INSTALLED IN OR UNDER CONCRETE SLABS, IN CONTACT WITH THE EARTH, UNDER PUBLIC ROADWAYS, IN MASONRY WALLS OR EXPOSED ON BUILDING EXTERIOR RIGIDCONDUIT IN CONTACT WITH EARTH SHALL BE 1/2 LAPPED WRAPPED WITH HUNTS WRAP PROCESS NO. 3.
 - ELECTRICAL METALLIC TUBING SHALL HAVE U.L. LABEL, FITTINGS SHALL BE GLAND RING COMPRESSION TYPE. EMT SHALL BE USED ONLY FOR INTERIOR RUNS.
 - FLEXIBLE METALLIC CONDUIT SHALL HAVE U.L. LISTED LABEL AND MAY BE USED WHERE PERMITTED BY CODE. FITTINGS SHALL BE "JAKE" OR "SQUEEZE" TYPE, SEAL TIGHT FLEXIBLE CONDUIT. ALL CONDUIT IN EXCESS OF SIX FEET IN LENGTH SHALL HAVE FULL SIZE ROUND WIRE.
 - ALL UNDERGROUND CONDUIT SHALL BE PVC SCHEDULE 40 (UNLESS NOTED OTHERWISE) AT A MINIMUM DEPTH OF 24" BELOW GRADE.
- ALL ELECTRICAL EQUIPMENT SHALL BE LABELED WITH PERMANENT ENGRAVED PLASTIC LABELS.
- UPON COMPLETION OF WORK, CONDUCT CONTINUITY, SHORT CIRCUIT, AND FALL POTENTIAL GROUNDING TESTS FOR APPROVAL. SUBMIT TEST REPORTS TO PROJECT MANAGER. CLEAN PREMISES OF ALL DEBRIS RESULTING FROM WORK AND LEAVE WORK IN A COMPLETE AND UNDAMAGED CONDITION.
- CONTRACTOR TO COORDINATE WITH UTILITY COMPANY FOR CONNECTION OF TEMPORARY AND PERMANENT POWER TO THE SITE. THE TEMPORARY POWER AND ALL HOOKUP COSTS TO BE PAID BY CONTRACTOR.
- THE ELECTRICAL INSTALLATION WORK SHALL COMPLY WITH ALL LOCAL, STATE AND NATIONAL CODES, LAWS AND ORDINANCES APPLICABLE TO ELECTRICAL WORK.
- ELECTRICAL CONTRACTOR SHALL VISIT JOB SITE AND VERIFY EXISTING CONDITIONS BEFORE BIDDING AND SHALL INCLUDE IN HIS BID THE NECESSARY COSTS TO CONSTRUCT THIS PROJECT IN ACCORDANCE WITH INTENT OF THE ELECTRICAL DRAWINGS, SPECIFICATIONS, AND ALL APPLICABLE CODES.

3. ALL MATERIAL AND EQUIPMENT FURNISHED AND INSTALLED UNDER THIS CONTRACT SHALL BE NEW, FREE FROM DEFECTS AND SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE BY OWNER OR HIS REPRESENTATIVE. SHOULD ANY TROUBLE DEVELOP DURING THIS PERIOD DUE TO FAULTY WORKMANSHIP, MATERIAL OR EQUIPMENT, THE CONTRACTOR SHALL FURNISH ALL NECESSARY MATERIAL AND LABOR TO CORRECT THE TROUBLE WITHOUT COST TO THE OWNER.
32. ALL WORK TO BE EXECUTED IN WORKMANLIKE MANNER AND SHALL PRESENT A NEAT MECHANICAL APPEARANCE WHEN COMPLETED.
33. ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE LISTED BY UNDERWRITER'S LABORATORIES.
34. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING RELATED TO ELECTRICAL WORK, UNLESS NOTED OTHERWISE AND CO-ORDINATED WITH THE GENERAL CONTRACTOR.
35. ELECTRICAL CONTRACTOR SHALL CO-ORDINATE ALL WORK WITH CIVIL AND ARCHITECTURAL PLANS. THE REQUIREMENTS OF ALL EQUIPMENT ACTUALLY BEING INSTALLED SHALL BE VERIFIED PRIOR TO INSTALLING THE ELECTRICAL WORK.
36. ALL BRANCH CIRCUIT CONDUCTORS SHALL BE COPPER TYPE THWN-2, THW-2, RHW-2, XHHW-2 #14, #12, & #10 SOLID, #8 AND LARGER STRANDED, UNLESS NOTED OTHERWISE.
37. ON COMPLETION OF THE WORK, THE INSTALLATION SHALL BE FREE FROM GROUNDS AND SHORT CIRCUITS.
38. ELECTRICAL CONTRACTOR SHALL FURNISH AS-BUILT DRAWINGS TO THE ARCHITECT AND CUSTOMER UPON COMPLETION OF THE JOB.
39. ELECTRICAL WORK SHALL INCLUDE ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED, INCLUDING BUT NOT LIMITED TO, COMPLETE ELECTRICAL SYSTEMS POWER AND LIGHTING, TELEPHONE CONDUIT SYSTEM, SIGNAL SYSTEMS, PANEL BOARDS(S), CONTROL WIRING, GROUNDING, CONDUIT ONLY SYSTEMS, ETC., AS INDICATED ON ELECTRICAL DRAWINGS AND/OR REQUIRED BY GOVERNING CODES.
40. RACEWAYS SHALL BE: RIGID STEEL CONDUIT: HOT-DIP GALVANIZED HEAVY WALL AS MANUFACTURED BY REPUBLIC, TRIANGLE OR EQUAL, RIGID POLYVINYL CHLORIDE CONDUIT (PVC): HEAVY WALLS SCHEDULE 40 AS MANUFACTURED BY CARLON ELECTRICAL, VISQUEEN OR EQUAL, ELECTRICAL METALLIC TUBING (EMT):ZINC-COATED THIN WALL AS MANUFACTURED BY TRIANGLE, REPUBLIC OR EQUAL.
41. FUSE TYPE SHALL BE BUSSMANN RK-1 OR CLASS "J" FUSE.
42. PROVIDE ENGRAVED PLASTIC LABELS TO IDENTIFY ALL PANEL BOARDS, XFMRs., DISTRIBUTION PANELS, DISCONNECT SWITCHES, AND TRANSFER SWITCHES, LABELS SHALL READ IN THIS FASHION "A" 208Y/120V 3PH, 4W, 225A, CKT. BKR OR FUSES TYPE AND SIZES.
43. E.C. SHALL VERIFY AND TEST GROUND TO SOURCE TO A MAXIMUM OF 5 OHMS. IF THE GROUND TEST DOES NOT ACHIEVE THE 5 OHMS LESS, E.C. SHALL BE RESPONSIBLE FOR PROVIDING THE NECESSARY CONDUCTORS AND GROUND RODS TO ACHIEVE 5 OHMS MAXIMUM.
44. BEFORE SUBMITTING BID, VERIFY EXISTING SITE CONDITIONS, ELECTRICAL SERVICE REQUIREMENTS AND THE EXACT SERVING UTILITY POINTS OF CONNECTION.
45. THE ELECTRICAL CONTRACTOR (E.C) SHALL FURNISH AND PAY FOR ALL PERMITS AND RELATED FEES.
46. UNLESS SPECIFICALLY NOTED OTHERWISE, ALL ELECTRICAL MATERIALS, EQUIPMENT AND WORK, SHOWN ON THESE PLANS ARE TO BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
47. E.C. SHALL FURNISH AND INSTALL ALL SWITCHES, CONDUITS, WIRES, BOXES, LIGHT FIXTURES (INCLUDING LAMPS), SERVICE DEVICES, RECEPTACLES, SWITCHBOARDS AND PANEL BOARDS, ETC. REQUIRED FOR A COMPLETE AND OPERATING ELECTRICAL SYSTEM.
48. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONAL/LOCATION INFORMATION RELATING TO THE ELECTRICAL DRAWINGS.
49. ELECTRICAL CONTRACTOR SHALL VERIFY VOLTAGES AND HORSEPOWER RATINGS OF ALL MECHANICAL EQUIPMENT.
50. PRIOR TO INSTALLING ANY ELECTRICAL WORK, THE ELECTRICAL CONTRACTOR SHALL VERIFY EXACT LOCATIONS AND REQUIREMENTS ON THE JOB AND BY REFERENCE TO ARCHITECTURE, MECHANICAL AND EQUIPMENT SUPPLIERS DRAWINGS. SHOULD THERE BE ANY QUESTION OR PROBLEM CONCERNING THE NECESSARY PROVISIONS TO BE MADE, PROPER DIRECTIONS SHALL BE OBTAINED BEFORE PROCEEDING WITH ANY WORK.
51. OUTLET AND JUNCTION BOXES SHALL BE SIZED PER CODE FOR THE QUANTITY OF WIRES THEY CONTAIN. SEE ARTICLE 370 OF N.E.C. PROVIDE ADDITIONAL BOXES AND EXTENSION RINGS AS REQUIRED.
52. ELECTRICAL CONTRACTOR SHALL COMPLY WITH CABLE BENDING RADIUS REQUIREMENTS PER CABLE MANUFACTURES SPECIFICATION.
53. CONDUIT LAYOUTS SHOWN ON THE PLANS ARE DIAGRAMMATIC, NOT INDICATING THE ROUTING REQUIRED, THE CONTRACTOR SHALL ROUTE CONDUITS AS REQUIRED BY THE CONDITIONS OF INSTALLATION.
54. ALL EQUIPMENT PROVIDED BY THE ELECTRICAL CONTRACTOR SHALL BE LISTED AND LABELED BY A NATIONALLY- RECOGNIZED TESTING AGENCY, ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION, FOR THE CONDITIONS OF THE INSTALLATION.
55. PLANS INDICATE THE NUMBER OF PHASE NATURAL, AND GROUND CONDUCTORS WHERE MORE THAN THREE CONDUCTORS ARE TO BE INSTALLED IN A CONDUIT (THREE OR LESS CONDUCTORS ARE NOT SHOWN). ADDITIONAL CONDUCTORS REQUIRED FOR CONTROL SHALL BE INCLUDED EVEN IF NOT EXPLICITLY SHOWN.
56. WHERE SIZE IS NOT SHOWN ON THE DRAWINGS, CIRCUITS SHALL CONSIST OF #12 PHASE AND GROUND (NEUTRAL CONDUCTORS) AND A #12 CU GROUND IN A 3/4" CONDUIT.
57. UNLESS SPECIFICALLY NOTED OTHERWISE, THE ELECTRICAL CONTRACTOR SHALL MAKE FINAL CONNECTIONS TO ALL UTILIZATION EQUIPMENT SHOWN ON THE DRAWINGS. VERIFY THE TYPE OF FINAL CONNECTION AND PROVIDE APPROPRIATE WIRING METHOD.
58. PRIOR TO TRENCHING IN ANY AREA THE CONTRACTOR SHALL CONTACT ELECTRICAL, COMMUNICATIONS/DATA, CABLE T.V., GAS, AND WATER UTILITY PROVIDES (BLUE STRIKE) AND HAVE ALL UTILITIES IN THE AREA IDENTIFIED. IN ADDITION, THE CONTRACTOR SHALL OBTAIN THE SERVICES OF A SUBCONTRACTOR SPECIALIZING IN THE LOCATION OF UNDERGROUND STRUCTURES TO IDENTIFY ANY OBSTACLES IN THE PATH OF TRENCHING (PRIOR TO COMMENCING WORK). DAMAGE TO ANY UNDERGROUND STRUCTURES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT.
59. ANY AND ALL WIRE THAT CARRIES A CURRENT MUST BE IN A CONDUIT. (GROUNDING WIRE FOR LOOPS, HALOS, ECT. IS CONSIDERED NON-CURRENT CARRYING.)

CONTRACTOR TO ENSURE LOCATES ARE COMPLETED PRIOR TO DIGGING IN THE ROW. IF UTILITIES ARE INDICATED WITHIN 3 FEET OF THE PROPOSED ROUTE, OR IF CROSSING EXISTING UTILITY, CONTRACTOR TO POTHOLE EXISTING UTILITY TO DETERMINE DEPTH AND EXACT LOCATION PRIOR TO CONSTRUCTION. IF UTILITY IS DAMAGED DURING THE INSTALLATION OF THE NEW CONDUIT, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO CONTACT THE UTILITY IMMEDIATELY AND IT IS ALSO THE CONTRACTORS RESPONSIBILITY TO HAVE ANY DAMAGE FIXED AND/OR REPAIRED PRIOR TO CLOSING THE EXCAVATION.

1. CONCRETE COLLARS MAY BE DESIRED FOR INSTALLATIONS IN DRIVEWAYS, PARKING LOTS AND OFF-ROADWAY APPLICATIONS WHERE SUBJECT TO OCCASIONAL NON-DELIBERATE TRAFFIC. THIS APPLIES TO BOXES MADE FROM ANY MATERIAL TO PROVIDE ADDED PROTECTION FOR THE TOP LID. THIS IS NOT NECESSARY IN GRASSY AREAS OR AREAS SUBJECT TO PEDESTRIAN TRAFFIC.
2. CONCRETE ENCASEMENT TO BE 3,000 PSI MIN.
3. CONCRETE ENCASEMENT COLLAR DIMENSION "D" TO BE EQUAL TO DESIGN PAVEMENT DEPTH.
4. PAVEMENT AND SUBGRADE TO BE SHOWN ON THE ENGINEERING PLANS.
5. EXCAVATE THE HOLE APPROXIMATELY 6 TO 8" DEEPER THAN SUGGESTED HANDHOLE BURIAL DEPTH.
6. COMPACT THE SUBSOIL WITH A BACK-HOE OR A HYDRAULIC TAMPER. ADD APPROXIMATELY 6 TO 8" OF GRAVEL TO THE BOTTOM OF HOLE.
7. PLACE THE HANDHOLE ON THE LEVELED GRAVEL BED. LEVEL THE HANDHOLE.
8. BACK-FILL WITH LOOSE EARTH MATERIAL UP TO THE TOP SURFACE OF THE HANDHOLE. DO NOT BACK-FILL WITH CHUNKS OF FROZEN MATERIAL OR LARGE ROCKS NEXT TO THE GROUND SLEEVE. PACK THE BACK-FILL MATERIAL BY FOOT TAMPING, NO MACHINE TAMPING.
9. PROVIDE BARRIER HUBBELL QUAZITE # PG 2436BC30.
10. ALL UNDERGROUND CONDUITS SHALL BE SCH 40 PVC, EXCEPT THAT ELBOWS AND RISERS SHALL BE RMC ALL UNDERGROUND ELBOWS SHALL BE SWEEP BENDS, 2'-0" MINIMUM SHALL BE REQUIRED.
11. THREE CONDUITS ARE SHOWN BELOW, ALTHOUGH MULTIPLE CONDUITS CAN BE PLACED IN THE SAME TRENCH. A MINIMUM SEPARATION IS REQUIRED PER THE LOCAL JURISDICTIONS AND UTILITY COMPANIES. IN ALL OTHER CASES USE THE CONDUIT SPACING SCHEDULE TO MAINTAIN MINIMUM SPACING BETWEEN THE EXTERIOR WALL TO EXTERIOR WALL SEPARATION OF CONDUITS.
12. CONTRACTOR SHALL RESTORE THE TRENCH TO ITS ORIGINAL CONDITIONS BY EITHER SEEDING OR SODDING GRASS AREAS, OR REPLACING ASPHALT OR CONCRETE AREAS TO ITS ORIGINAL CROSS SECTION.
13. TRENCHING SAFETY; INCLUDING, BUT NOT LIMITED TO SOIL CLASSIFICATION, SLOPING, AND SHORING, SHALL BE GOVERNED BY THE CURRENT OSHA TRENCHING AND EXCAVATION SAFETY STANDARDS.
14. ALL CONDUITS SHALL BE INSTALLED IN COMPLIANCE WITH THE NATIONAL ELECTRIC CODE (NEC) OR AS REQUIRED BY THE LOCAL JURISDICTION.



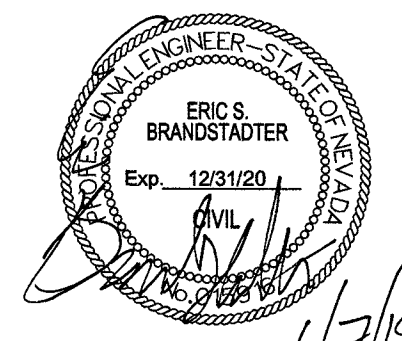
BLACK & VEATCH

BLACK & VEATCH CORPORATION
7760 FRANCE AVENUE SOUTH
SUITE 1200
BLOOMINGTON, MN 55435

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SITE ADDRESS

33AT0073SMC
CRAN_NVLO8107F_R01
3052.25 W SAHARA AVE.
LAS VEGAS, NV 89102
SMALL CELL

SHEET TITLE

GENERAL CONSTRUCTION NOTES

SHEET NUMBER

GN-1

1

NO SCALE

2

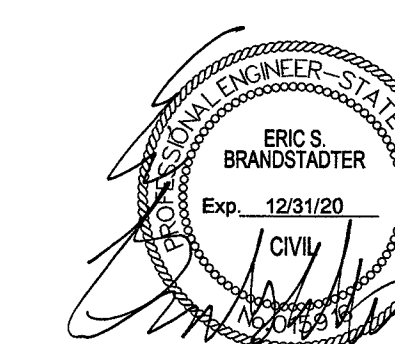


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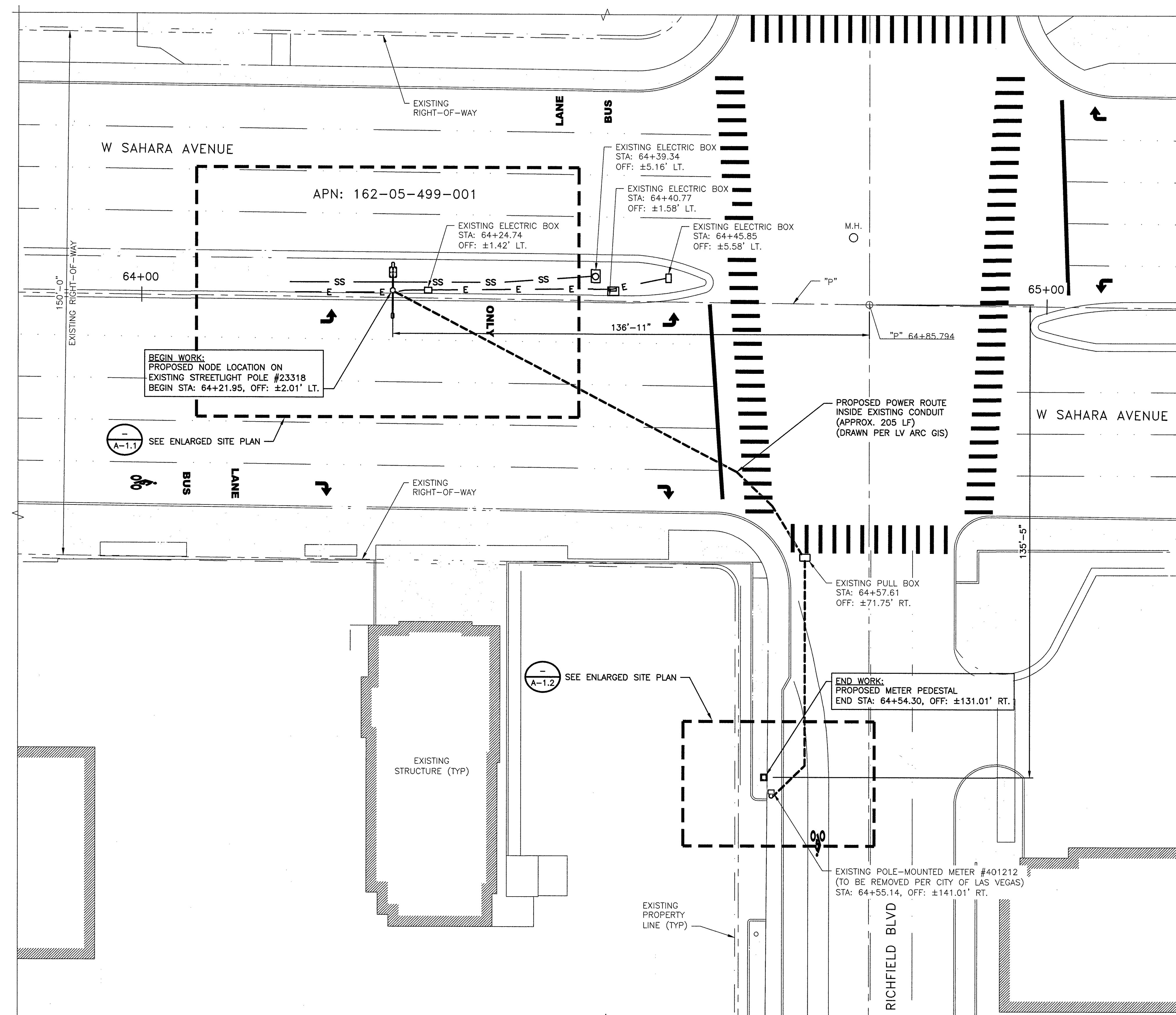
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3052.25 W SAHARA AVE.
LAS VEGAS, NV 89102
SMALL CELL

SHEET TITLE

OVERALL SITE PLAN

SHEET NUMBER

A-1



NOTE TO CONTRACTOR:
VERIFY ROUTE AND CABLE FOOTAGE.
IF ACTUAL FIELD CONDITION IS
DIFFERENT, CONTRACTOR MAY NOTIFY
CLARK COUNTY OIT INSPECTOR.

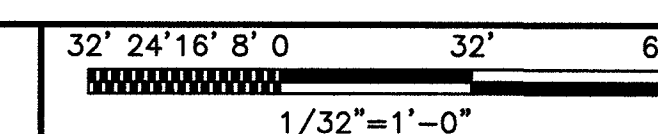
NOTE

ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED. STATIONING IS SHOWN IN METERS PER NDOT SUPPLIED SITE MAP. STATIONING BASED OFF OF INTERSECTION OF W SAHARA AVE AND RICHFIELD BLVD "P" 64+85.794 (PROJECT NO. SPSR-0589(008))

NOTE

PAVEMENT, SIDEWALK AND CURB TO BE RESTORED
PER CLARK COUNTY UNIFORM STANDARD DETAILS.

OVERALL SITE PLAN



THE PURPOSE OF THIS DRAWING IS
TO SHOW HOW THE DEVELOPED SITE
RELATES TO THE PARENT PARCEL
AND ADJACENT PROPERTIES.

APN: 162-05-499-001

— EXISTING CURB (TYP)

— PROPOSED HANDHOLE
STA: 64+21.95
— OFF: ±5.75' LT.

PROPOSED NODE LOCATION ON
EXISTING STREETLIGHT POLE #23318
BEGIN STA: 64+21.95, OFF: $\pm 2.01'$ LT.

— EXISTING ELECTRIC BOX
STA: 64+24.74
OFF: +1.42' LT.

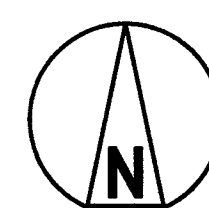
PROPOSED POWER ROUTE
INSIDE EXISTING CONDUIT
(APPROX. 205 LF)
(DRAWN PER LV ARC GIS)

ONLY

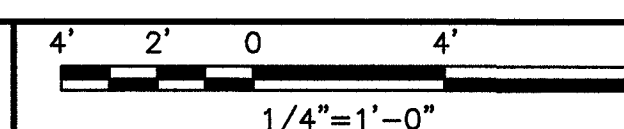
NOTE TO CONTRACTOR:
VERIFY ROUTE AND CABLE FOOTAGE.
IF ACTUAL FIELD CONDITION IS
DIFFERENT, CONTRACTOR MAY NOTIFY
CLARK COUNTY OIT INSPECTOR.

NOTE
ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED. STATIONING IS SHOWN IN METERS PER NDOT SUPPLIED SITE MAP. STATIONING BASED OFF OF INTERSECTION OF W SAHARA AVE AND RICHFIELD BLVD "P" 64+85.794 (PROJECT NO. SPSR-0589(008))

NOTE
PAVEMENT, SIDEWALK AND CURB TO BE RESTORED
PER CLARK COUNTY UNIFORM STANDARD DETAILS.



ENLARGED SITE PLAN



•



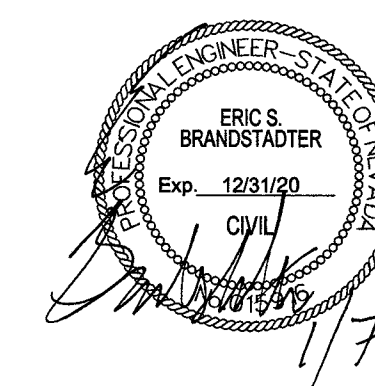
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PROJECT NO.	DRAWN BY	CHECKED BY
199064.2020	MSC	LEW

0	10/10/18	ISSUED FOR CONSTRUCTION
REV	DATE	DESCRIPTION



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UNLESS THEY ARE ACTING UNDER THE DIRECTION
OF A LICENSED PROFESSIONAL ENGINEER,
TO ALTER THIS DOCUMENT

SITE ADDRESS

33AT0073SMC
CRAN_NVL08107F_R01
3052.25 W SAHARA AVE.
LAS VEGAS, NV 89102
SMALL CELL

SHEET TITLE

ENLARGED SITE PLAN

SHEET NUMBER

A-1.1

THE PURPOSE OF THIS DRAWING IS
TO SHOW HOW THE DEVELOPED SITE
RELATES TO THE PARENT PARCEL
AND ADJACENT PROPERTIES.

NOTE TO CONTRACTOR:
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CLARK COUNTY OIT INSPECTOR.

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PAVEMENT, SIDEWALK AND CURB TO BE RESTORED
PER CLARK COUNTY UNIFORM STANDARD DETAILS.

PROPOSED POWER ROUTE
INSIDE EXISTING CONDUIT
(APPROX. 205 LF)
(DRAWN PER LV ARC GIS)

PROPOSED 200A METER PEDESTAL
END STA: 64+54.30, OFF: ±131.01' RT.

PROPOSED CONCRETE CAP

— EXISTING POLE-MOUNTED METER #401212
(TO BE REMOVED PER CITY OF LAS VEGAS)
STA: 64+55.14, OFF: ±141.01' RT.

58'-11"±
PROPOSED PEDESTAL TO CENTERLINE

27'-5"

EXISTING POLE TO CENTERLINE

EXISTING RIGHT-OF-WAY (TYP)

EXISTING PROPERTY LINE (TYP)

— EXISTING CURB (TYP)

— EXISTING SIDEWALK (TYP)

RICHFIELD BLVD



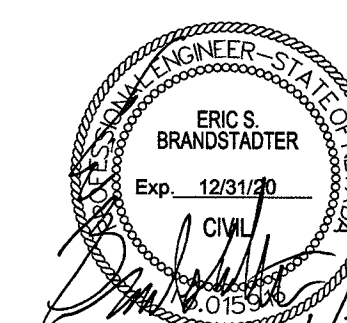
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SITE ADDRESS

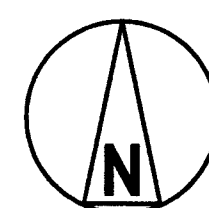
33AT0073SMC
CRAN_NVL08107F_R01
3052.25 W SAHARA AVE.
LAS VEGAS, NV 89102
SMALL CELL

SHEET TITLE

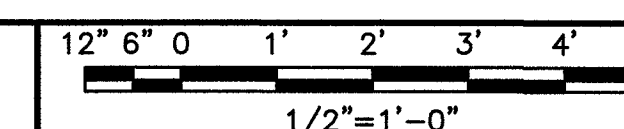
ENLARGED METER
SITE PLAN

SHEET NUMBER

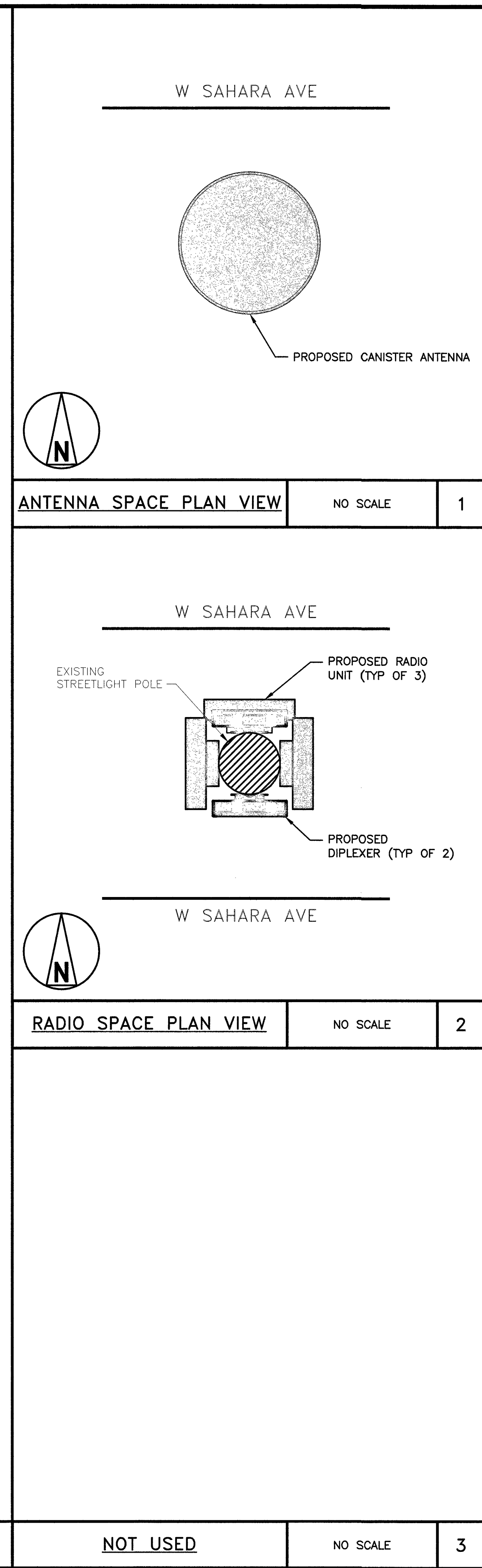
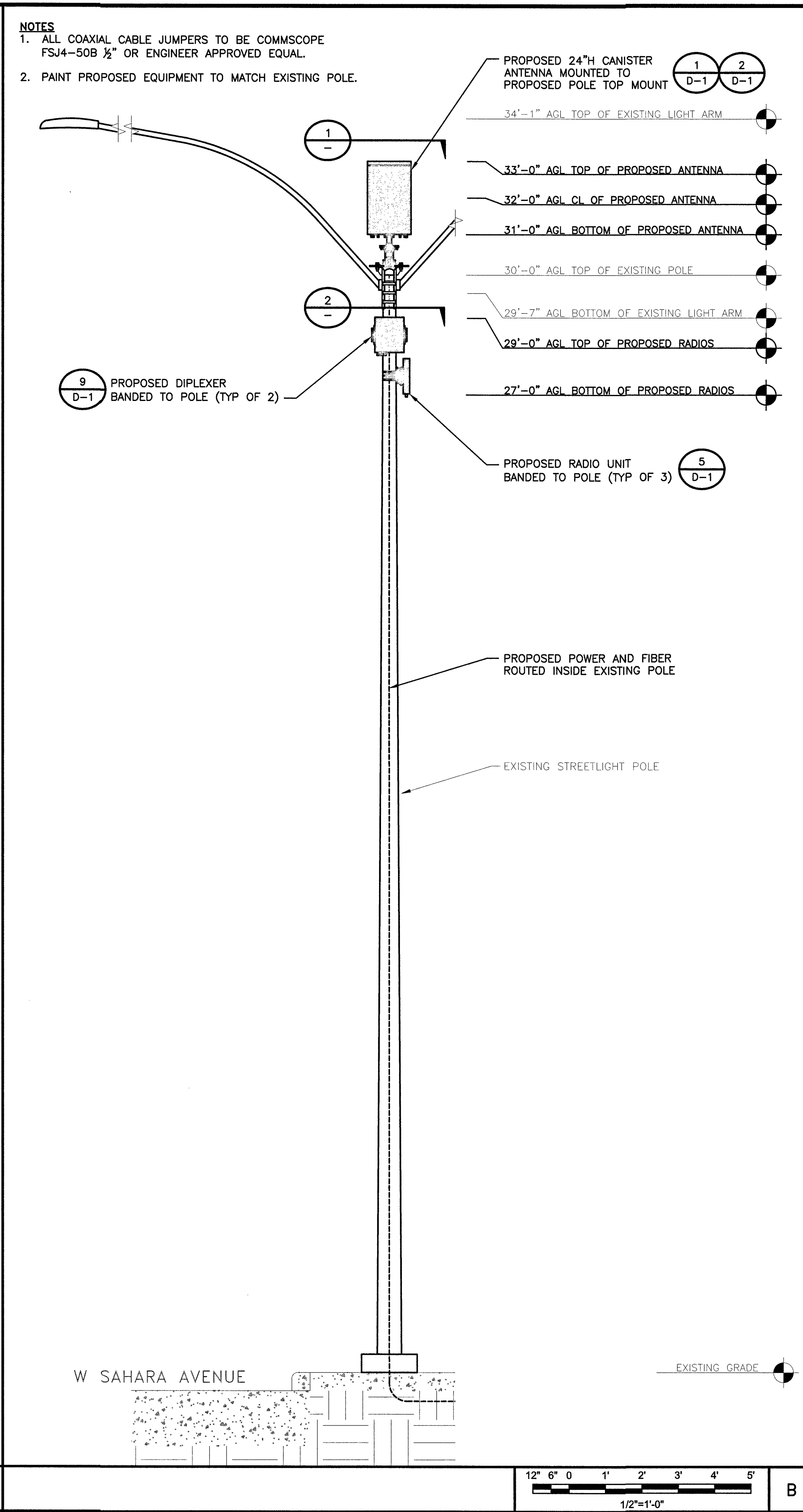
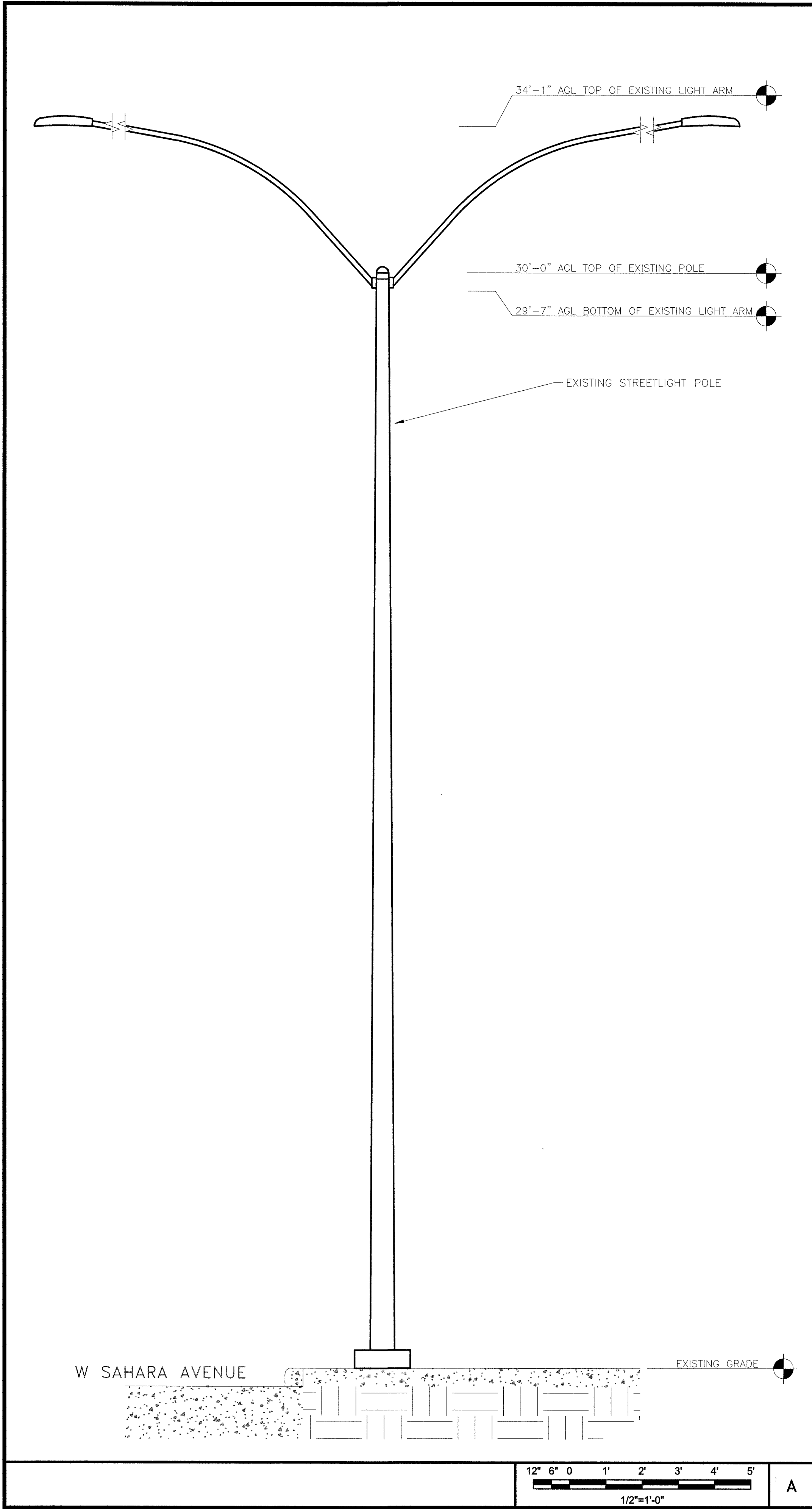
A-1.2



ENLARGED METER SITE PLAN



1



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199064.2020	MSC	LEW

REV	DATE	DESCRIPTION
0	10/10/18	ISSUED FOR CONSTRUCTION

1/7/19

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SITE ADDRESS

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CRAN_NVL08107F_R01
3052.25 W SAHARA AVE.
LAS VEGAS, NV 89102
SMALL CELL

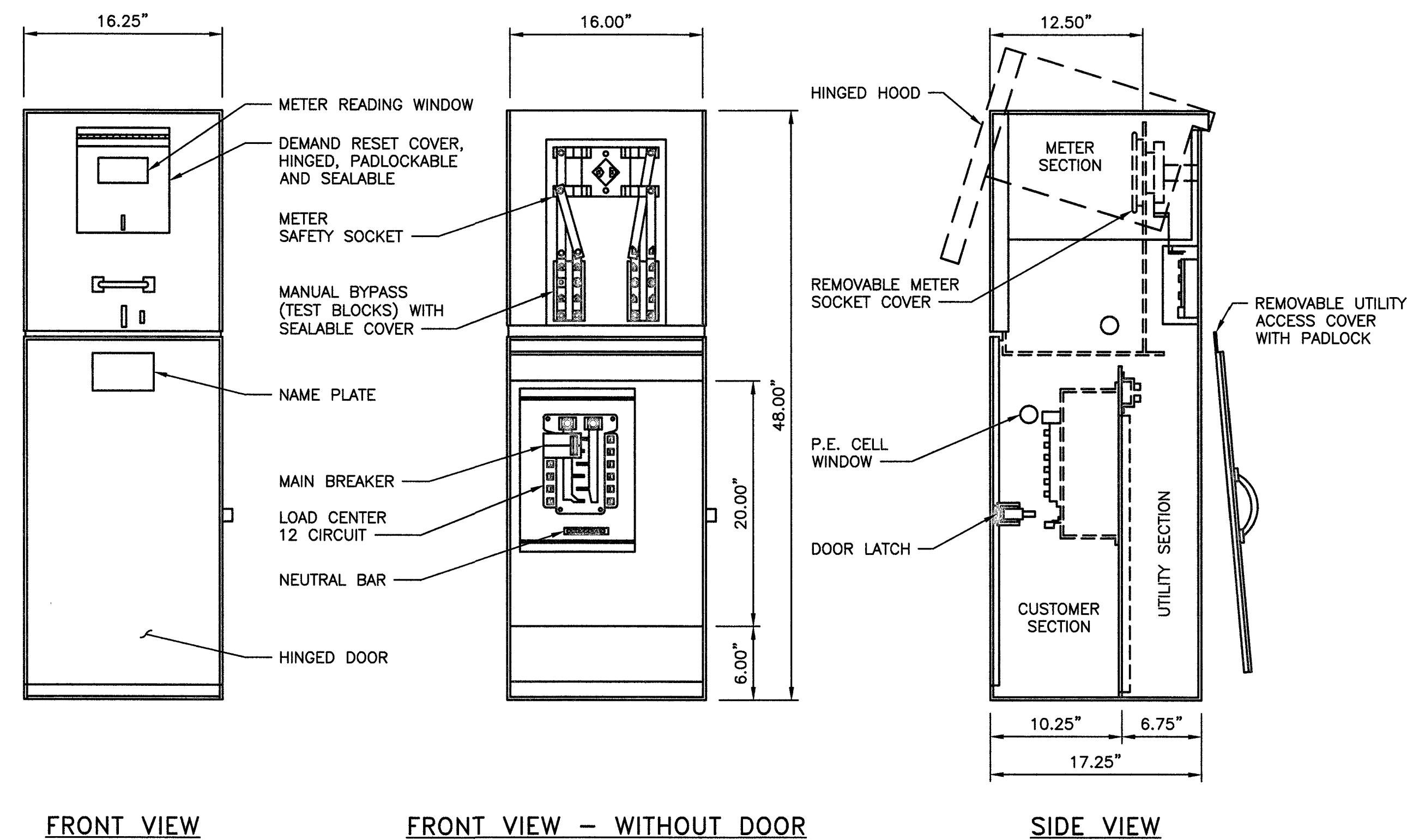
SHEET TITLE

ELEVATIONS

SHEET NUMBER

A-2

MYERS MEUG16-M200 CALTRANS TYPE III-BF



FRONT VIEW

FRONT VIEW - WITHOUT DOOR

SIDE VIEW

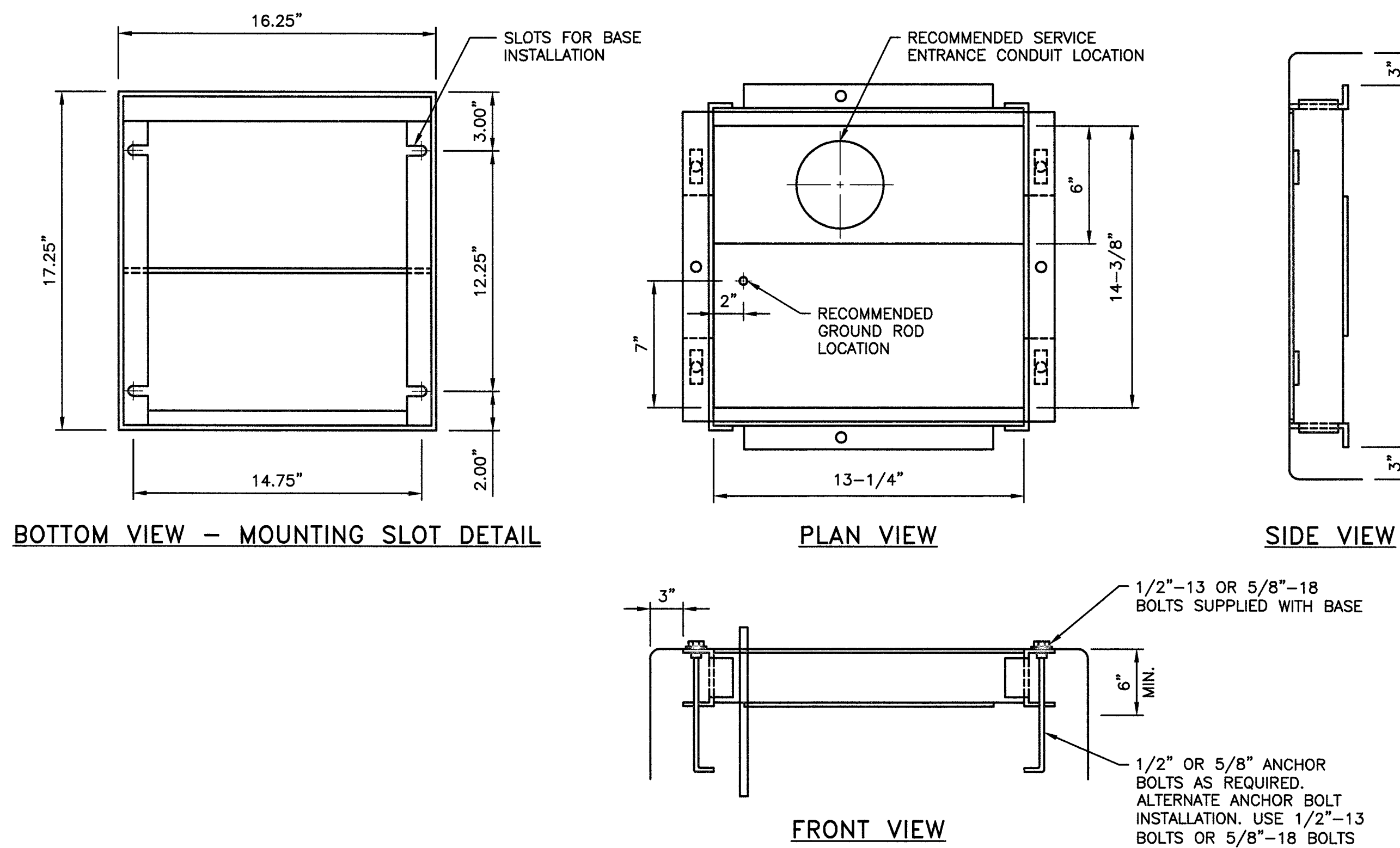
METER PEDESTAL DETAIL

NO SCALE

1

NOTES

1. MINIMUM CLEARANCE REQUIRED 36" PER NEC 110-16, TYPICAL FRONT AND BACK.
2. FOUNDATION DIMENSIONS AND DEPTH PER JOB SPECIFICATIONS.



BOTTOM VIEW - MOUNTING SLOT DETAIL

PLAN VIEW

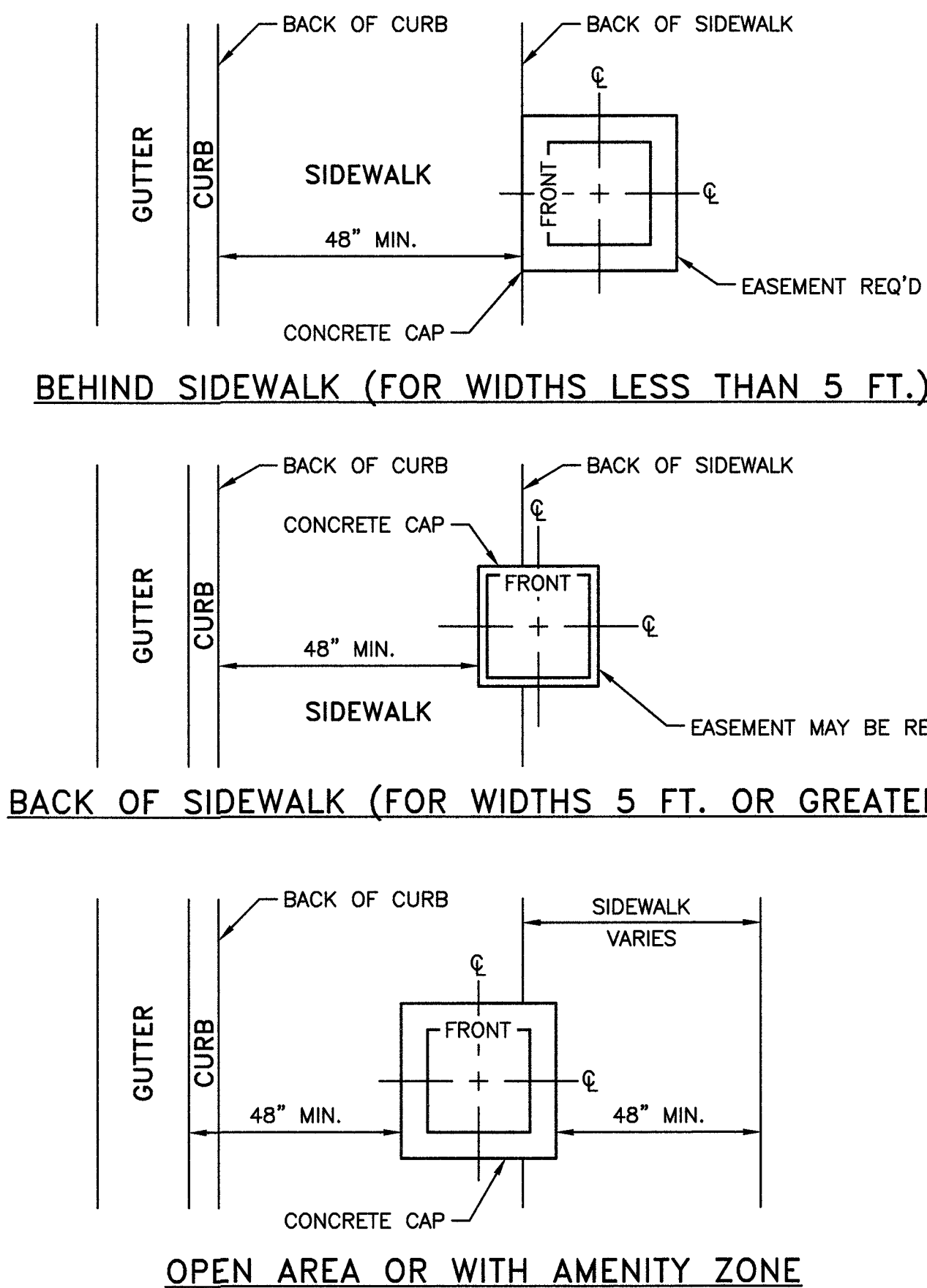
SIDE VIEW

FRONT VIEW

BASEPLATE DETAIL

NO SCALE

3



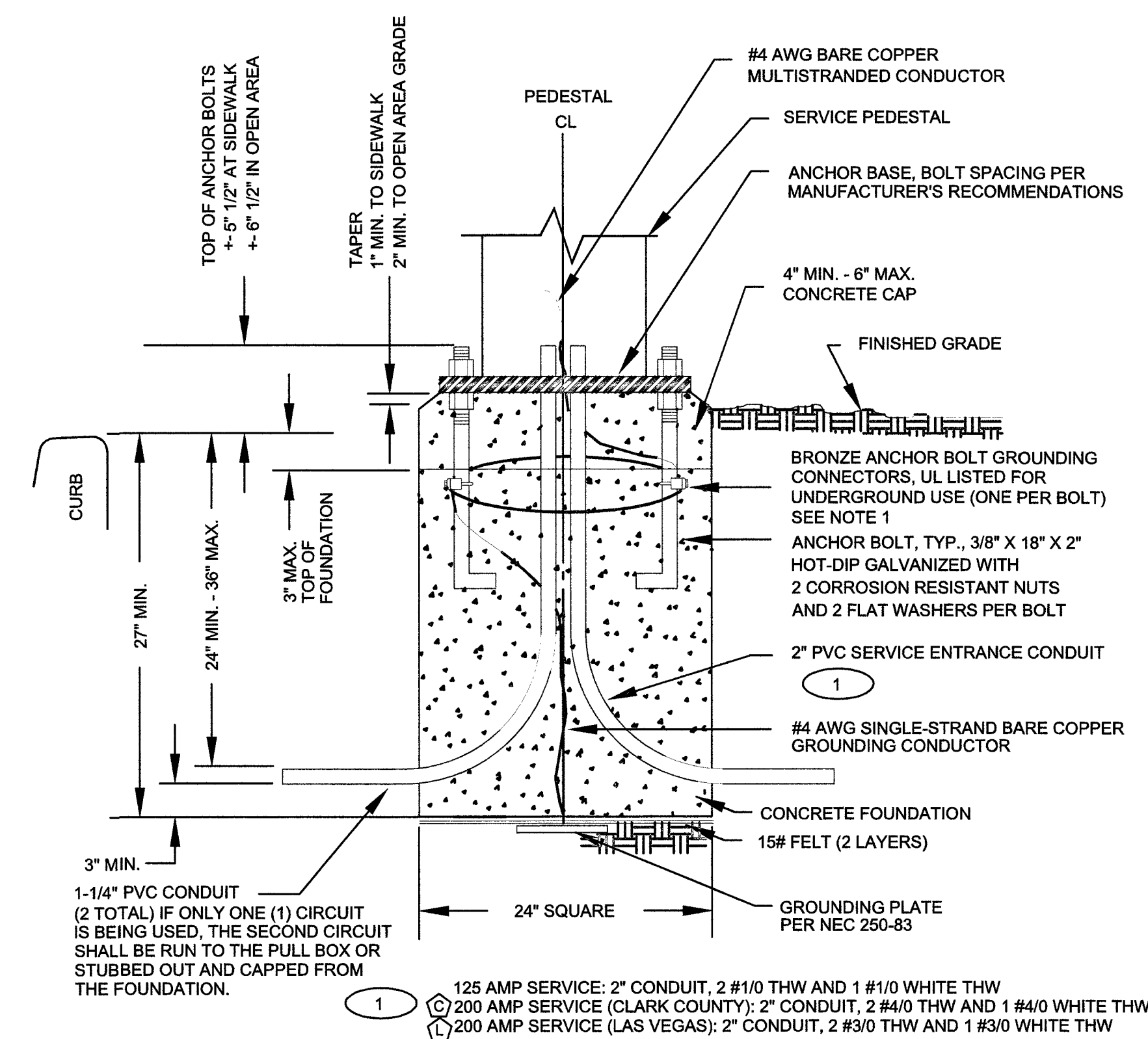
SERVICE PEDESTAL SETBACK DETAILS (USDCCA DRAWING #331)

NO SCALE

2

NOTES

1. BARE COPPER GROUNDING CONDUCTOR SHALL BE LOOPED AROUND ANCHOR BOLTS ONE TIME AND CONNECTED TO EACH ANCHOR BOLT BEFORE CONTINUING DOWN TO THE GROUNDING PLATE.
2. CABINET COVERS SHALL BE PARALLEL WITH CURB.
3. IN AREAS WHERE R/W PERMITS, THE CONCRETE BASE SHALL BE PLACED AT THE BACK EDGE OF THE SIDEWALK.
4. CABINET COVERS SHALL OPEN TOWARDS THE STREET WHEN CABINETS ARE LOCATED AT BACK OF WALK. CABINET COVERS SHALL OPEN PARALLEL TO THE SIDEWALK FACING THE DIRECTION OF TRAFFIC WHEN LOCATED WITHIN THE SIDEWALK.
5. WIRE SIZES ARE BASED ON UNDERGROUND FEED.
6. WIRE SIZES SHALL BE INCREASED FOR VOLTAGE DROP LIMITATION WHEN RUN IS LONG.



125 AMP SERVICE: 2" CONDUIT, 2 #1/0 THW AND 1 #1/0 WHITE THW
 200 AMP SERVICE (CLARK COUNTY): 2" CONDUIT, 2 #4/0 THW AND 1 #4/0 WHITE THW
 200 AMP SERVICE (LAS VEGAS): 2" CONDUIT, 2 #3/0 THW AND 1 #3/0 WHITE THW

SERVICE PEDESTAL FOUNDATION DETAIL

NO SCALE

4



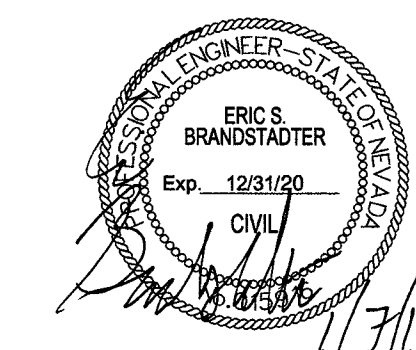
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199064.2020	MSC	LEW

REV	DATE	DESCRIPTION
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SITE ADDRESS

33AT0073SMC
 CRAN_NVL08107F_R01
 3052.25 W SAHARA AVE.
 LAS VEGAS, NV 89102
 SMALL CELL

SHEET TITLE

METER PEDESTAL
 DETAILS

SHEET NUMBER

D-2

**CAUTION**

STAY BACK 1 ft.
TO PREVENT
RADIO FREQUENCY
EXPOSURES ABOVE FCC
LIMITS. CALL NCC
1-877-897-2476
TO POWER DOWN.
SITE ID: 33AT0073SMC

**NOTICE**

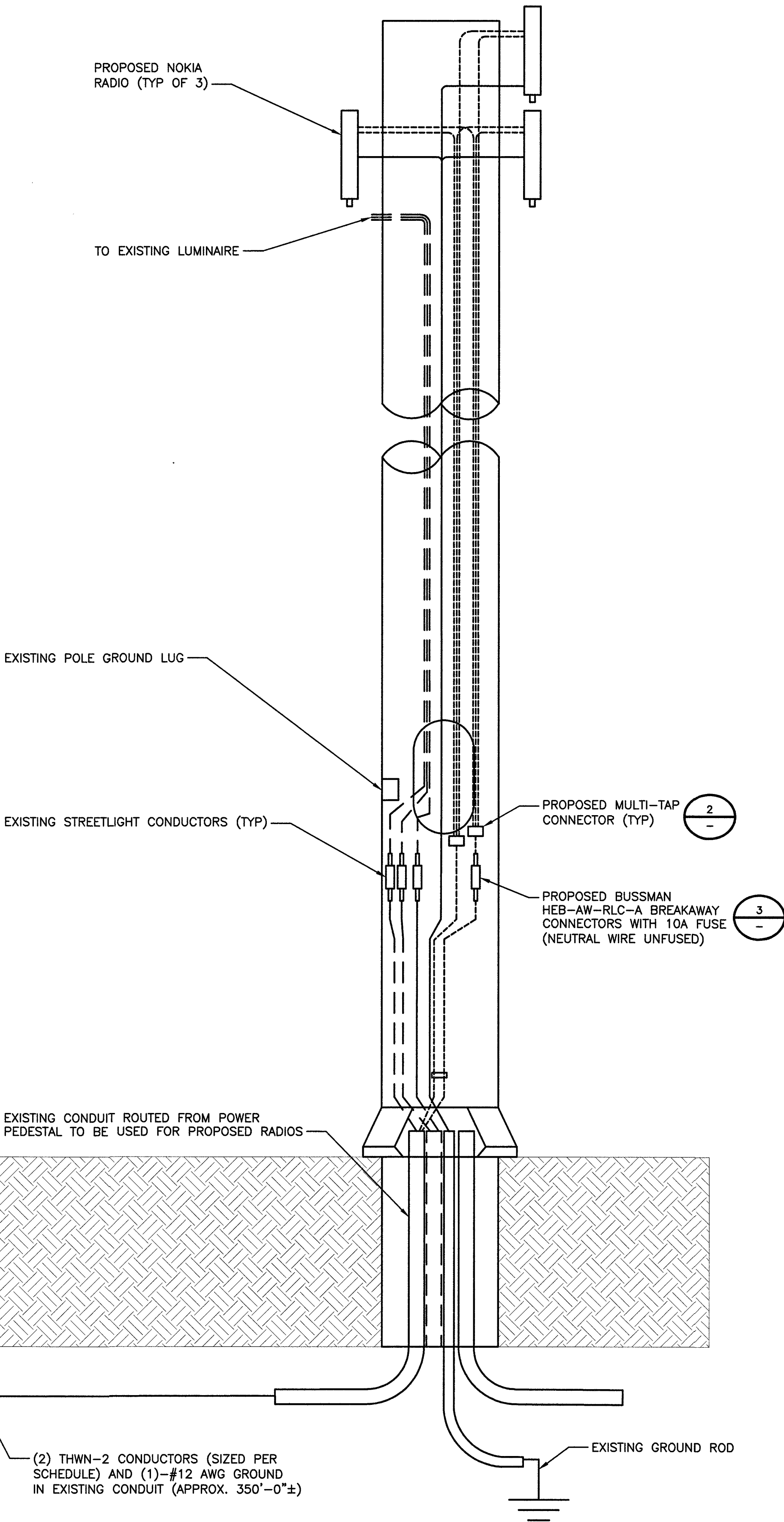
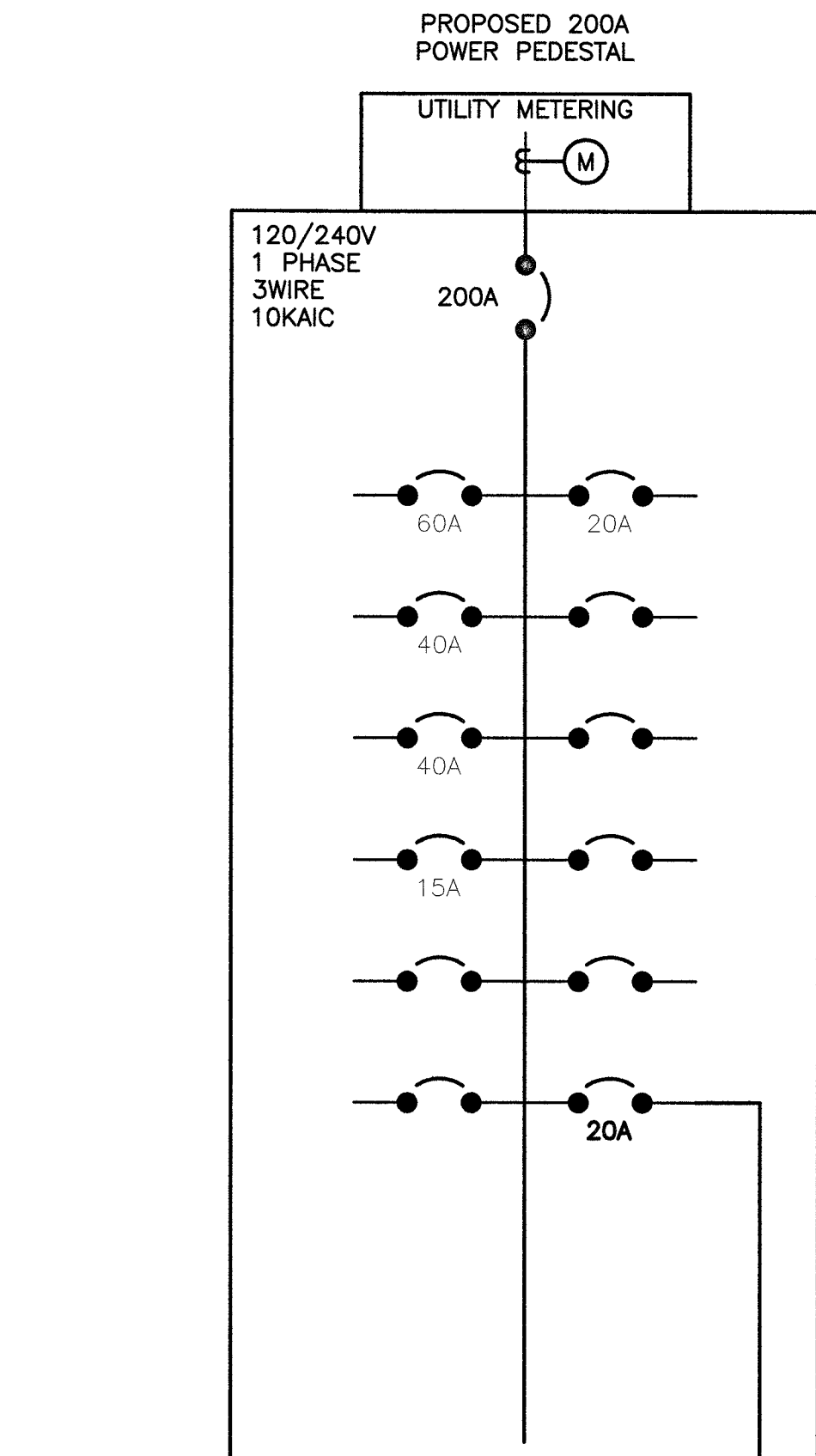
SMALL CELL SHUT OFF SWITCH
Push switch button turn off radio
while working within 3 ft. of the
device

Note: Once work is completed
turn switch back on

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.

120VAC FEEDER CONDUCTOR MAXIMUM DISTANCE			
#12 AWG	400'-0"	3% VOLT DROP @ 2.5A	
#10 AWG	675'-0"	3% VOLT DROP @ 2.5A	

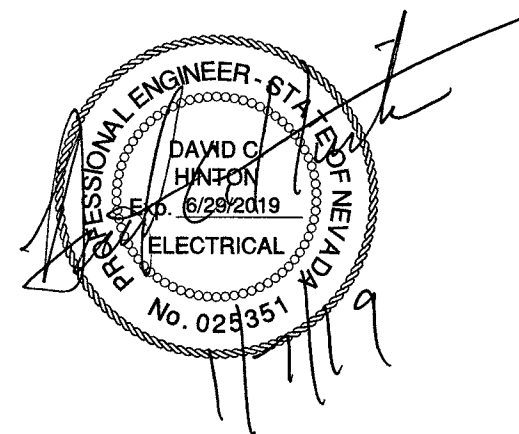


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PROJECT NO.	DRAWN BY	CHECKED BY
199064.2020	MSC	LEW

REV	DATE	DESCRIPTION
0	10/10/18	ISSUED FOR CONSTRUCTION
2		
3		
4		
5		
6		
7		
8		
9		



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SITE ADDRESS

33AT0073SMC
CRAN_NVLO8107F_R01
3052.25 W SAHARA AVE.
LAS VEGAS, NV 89102
SMALL CELL

SHEET TITLE

ELECTRICAL DETAILS
AND DIAGRAMS

SHEET NUMBER

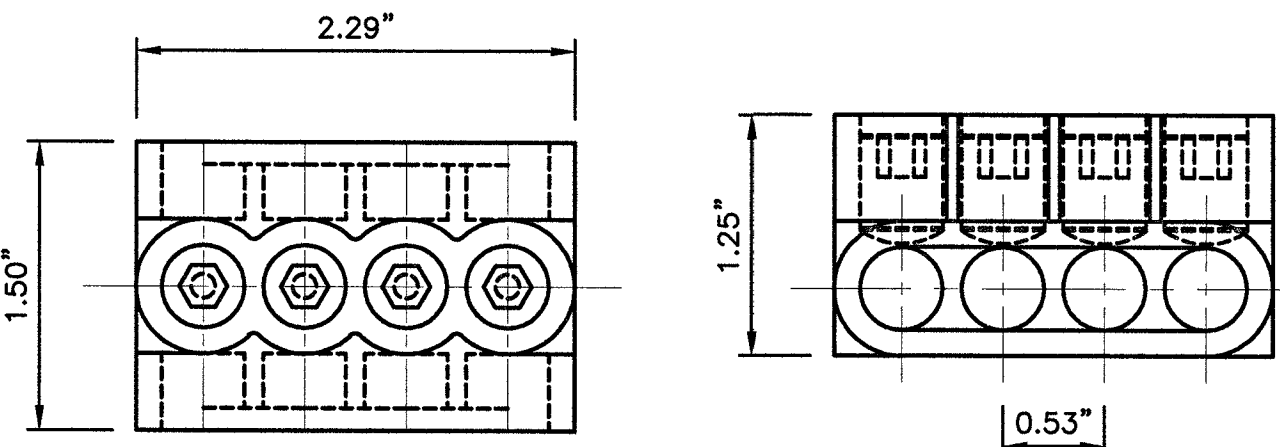
E-1

RF WARNING PLACARDS

NO SCALE

1

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



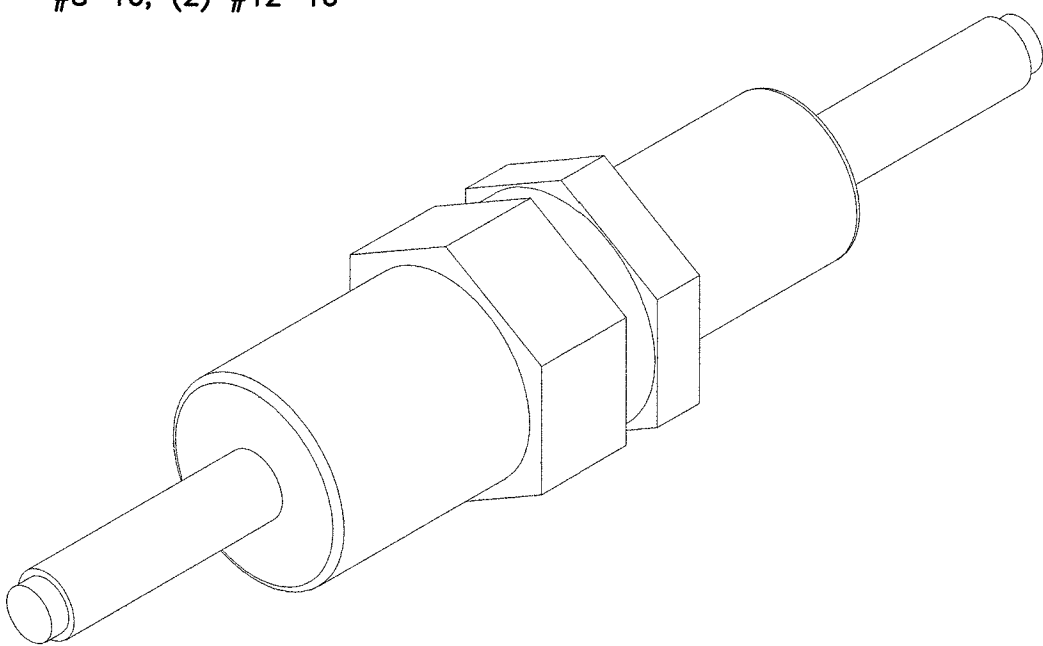
CONNECTOR DETAIL

NO SCALE

2

BUSSMAN HEB-AW-RLC-A

DIMENSIONS, LENGTH: 4.4"
WIRE RANGE: #8-16; (2) #12-16



BREAKAWAY FUSE DETAIL

NO SCALE

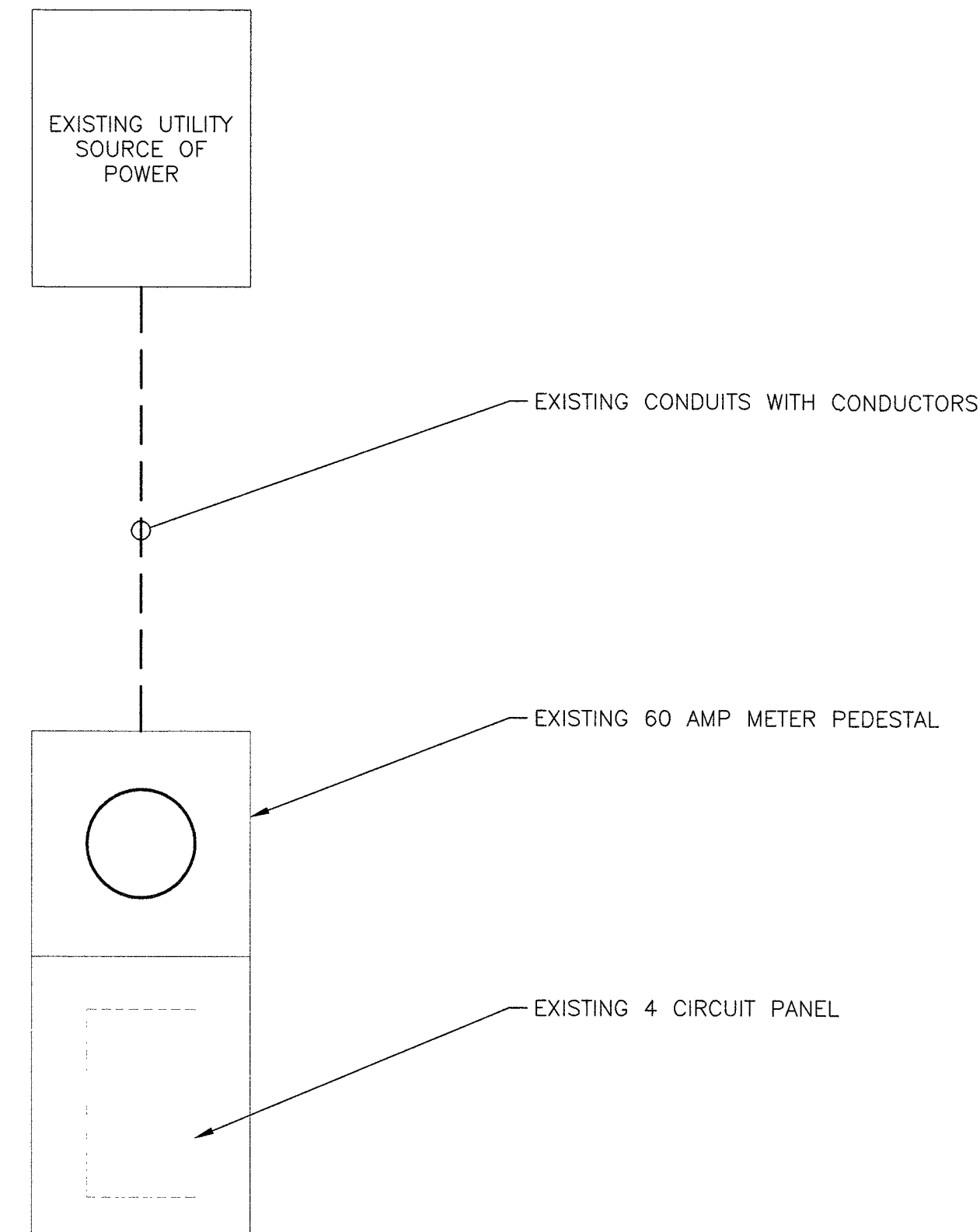
3

TYPICAL POLE SITE TEMPLATE

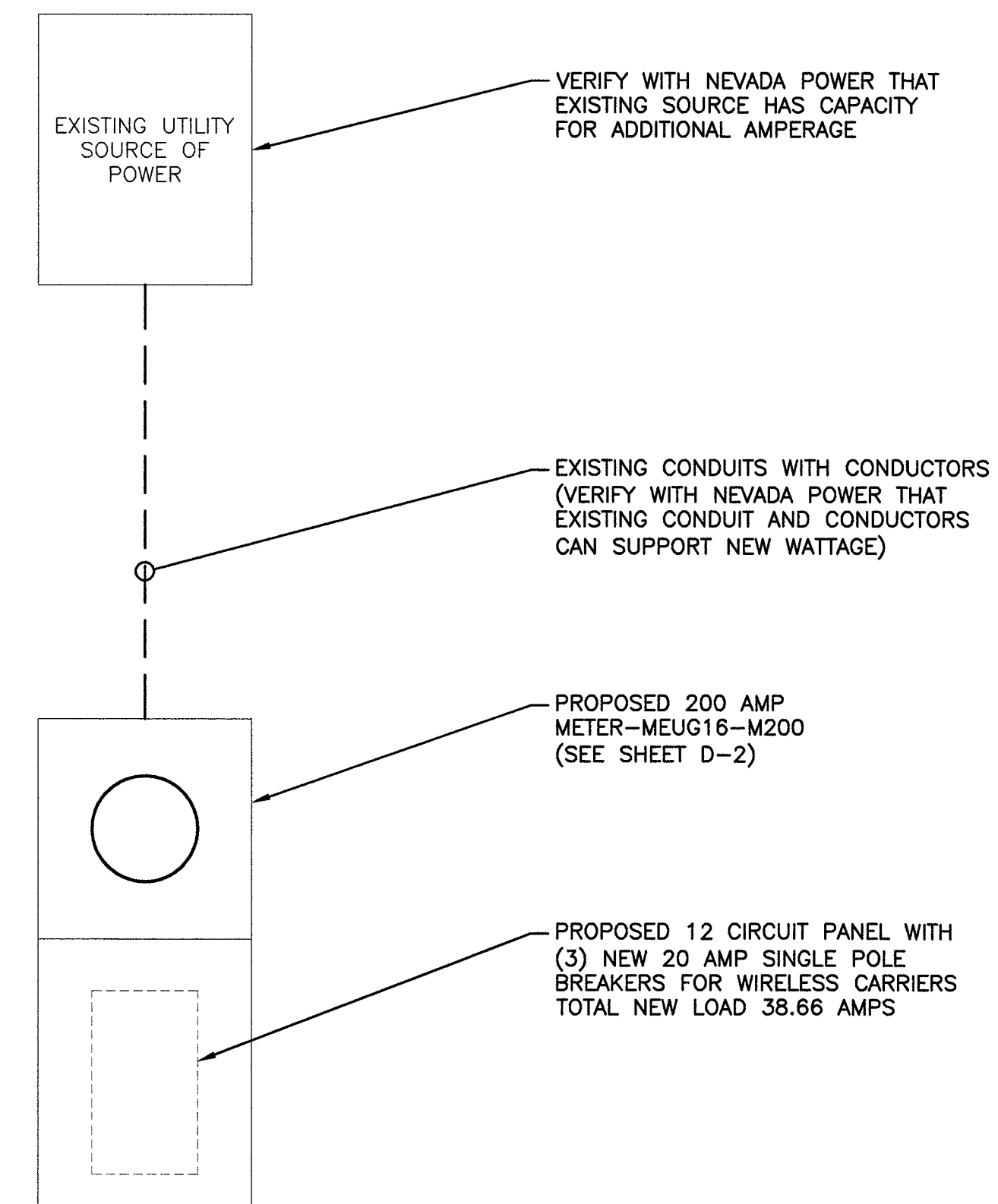
NO SCALE

4

EXISTING LOAD.....	29.05 AMPS
ALLOWED LOAD 80%.....	48 AMPS



EXISTING LOAD.....	29.05 AMPS
SAFETY FACTOR 125%.....	36.32 AMPS
PROPOSED LOAD.....	2.34 AMPS
TOTAL LOAD.....	38.66 AMPS
ALLOWED LOAD 80% OF 200 AMPS.....	160 AMPS



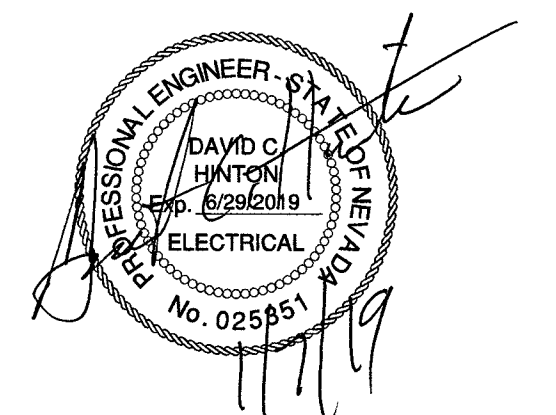
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PROJECT NO.	DRAWN BY	CHECKED BY
199064.2020	MSC	LEW

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REV	DATE	DESCRIPTION



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SITE ADDRESS

33AT0073SMC
CRAN_NVL08107F_R01
3052.25 W SAHARA AVE.
LAS VEGAS, NV 89102
SMALL CELL

SHEET TITLE

ELECTRICAL SINGLE LINE DIAGRAMS

SHEET NUMBER

E-2

EXISTING SINGLE LINE DIAGRAM

NO SCALE

1

PROPOSED SINGLE LINE DIAGRAM

NO SCALE

2

Site Name:		3052 W. SAHARA AVE					MODEL NUMBER:		MEUG16-M200									
SITE NUMBER:		33AT0073SMC					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:		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	MAINS	200	2	ON	0	1.00	1.00	563		1.25	1.00	450	NEW	1	20	PROPOSED COX SMALL CELL	2	
3					0	1.00	1.00		0	1.00	1.00	0	OFF	1	20	TELECOM (FUTURE)	4	
5	STREET LIGHT	60	1	ON	1200	1.00	1.25	1500		1.00	1.00	0	OFF	1	20	TELECOM (FUTURE)	6	
7					1200	1.00	1.25		1500									8
9	EXISTING T/S	40	1	ON	3072	1.00	1.25	3840									10	
11	EXISTING T/S LUMIN	40	1	ON	1200	1.00	1.25		1500								12	
13	EXISTING PHOTO CEL S/L	15	1	ON	300	1.00	1.25	375									14	
15									0								16	
								PHASE A	PHASE B									
								6278	3000	VA								
									TOTAL	KVA	9.28							
										AMPS	38.66	≤ 80% OF MAIN BREAKER						

PROPOSED PANEL SCHEDULE AND CALCS

NO SCALE

3

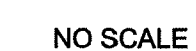
1. FOR CONDUIT SIZE AND WIRING REQUIREMENTS FOR STREETLIGHT SERVICE, SEE STANDARD DRAWING NO. 332.S2 FOR LAS VEGAS AND CLARK COUNTY ONLY AND 332.S1 FOR ALL OTHER ENTITIES.

[illegible]

NO SCALE

1

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



2

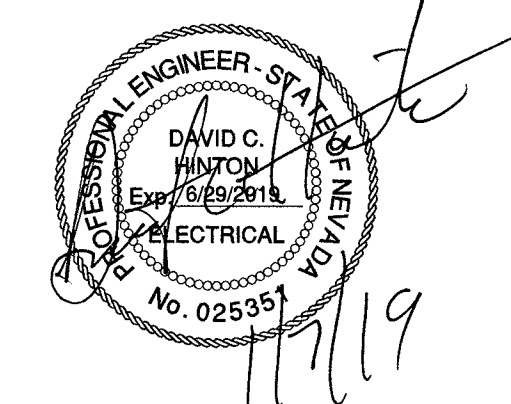


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SITE ADDRESS

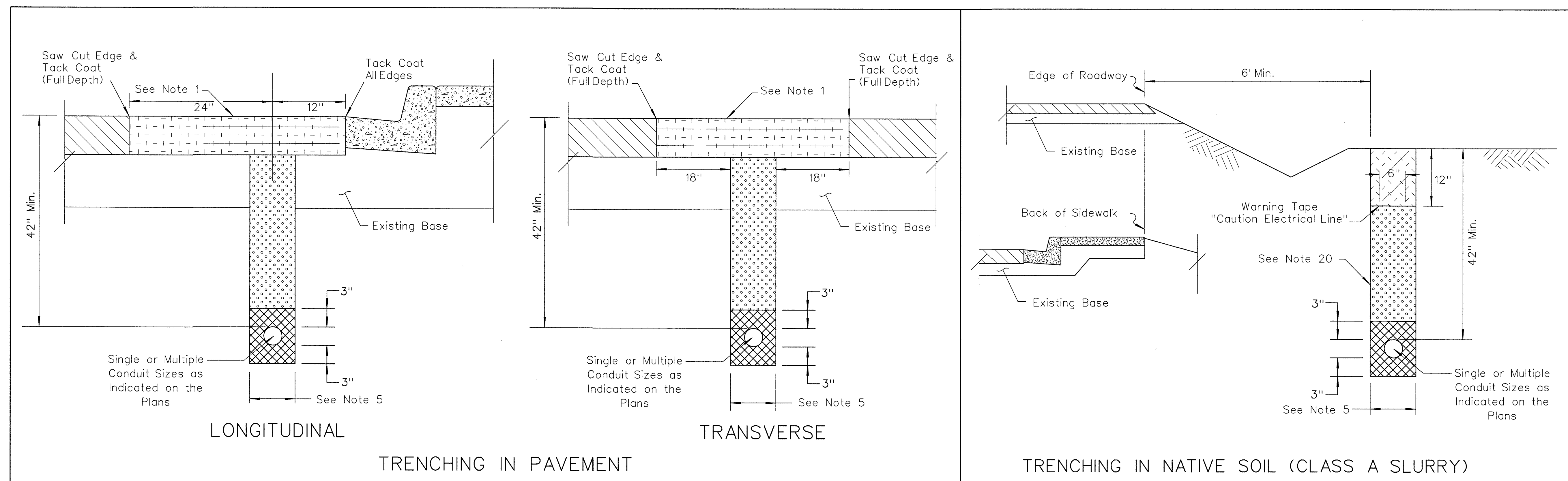
33AT0073SMC
CRAN_NVL08107F_R01
3052.25 W SAHARA AVE.
LAS VEGAS, NV 89102
SMALL CELL

SHEET TITLE

GROUNDING DIAGRAMS

SHEET NUMBER

G-1



NOTES:

1. Remove existing pavement and replace with new approved material of same type. Match existing structural section (including open grade) and existing pavement depth but not less than 6 inches, and seal new surface as directed by the Engineer.
2. Recompact existing base material around trench to meet compaction requirements for that material type and location.
3. New asphalt and concrete pavement material shall be approved by the Engineer and obtained from an approved source.
4. Unless otherwise provided for in the base and surface summaries new pavement material and trenching shall not be paid for directly but included in the price for the conduit.
5. Total trench width shall be 6 inches wider than the outside edges of conduit(s) installed Use conduit spacers to separate multiple conduits in trench by at least 1 inch. Place spacers at intervals of 5 feet maximum Conduits shall be centered in trench.
6. For trenching in a non NDOT-owned facility, use the owner s standards for trenching, compaction, and patching.
7. Longitudinal trenching in shoulder: If shoulder is 4 foot wide or Less, remove all surface material from edge of oil to shoulder stripe and replace.
8. Engineer may for good cause, require wider patch sections or otherwise alter the requirements
9. If saw cut is within 2 feet of an existing pavement edge or existing patch, remove existing pavement to that edge and replace entire section
10. If sawcut edges for trench fall within a wheel path, sawcut shall be extended to, and removal made to edge of the travel lane. Optionally the entire travel lane can be rotomilled to a depth of 2 inches and overlaid with 2 inches of bituminous plantmix as directed by the Engineer.
11. Contractor shall be responsible for replacement of loop detectors, adjustments of utilities and survey monuments to grade and installation of temporary pavement markings.
12. Permanent resurfacing shall not be placed on trenches backfilled with concrete slurry for a minimum of 7 days after placement of the concrete slurry or similar material Provide temporary cover or backfill as directed by the Engineer.

LEGEND:

- | | |
|--|--|
|  - EXISTING PAVEMENT |  - SAND BEDDING (SEE NOTE 14) |
|  - LIMITS OF REMOVAL & REPAIR OF PAVEMENT |  - CLASS A SLURRY CEMENT BACKFILL |
| |  - BACKFILL |

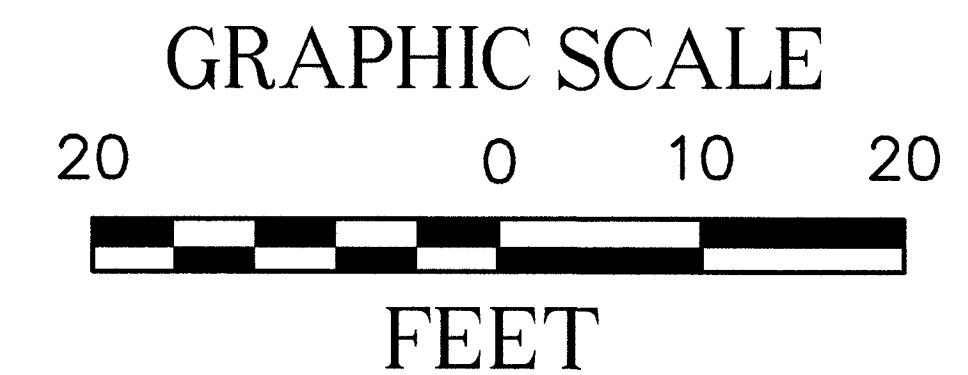
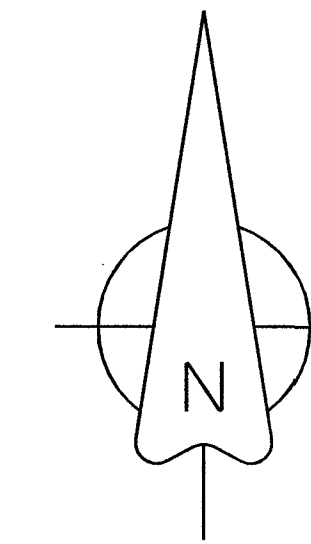
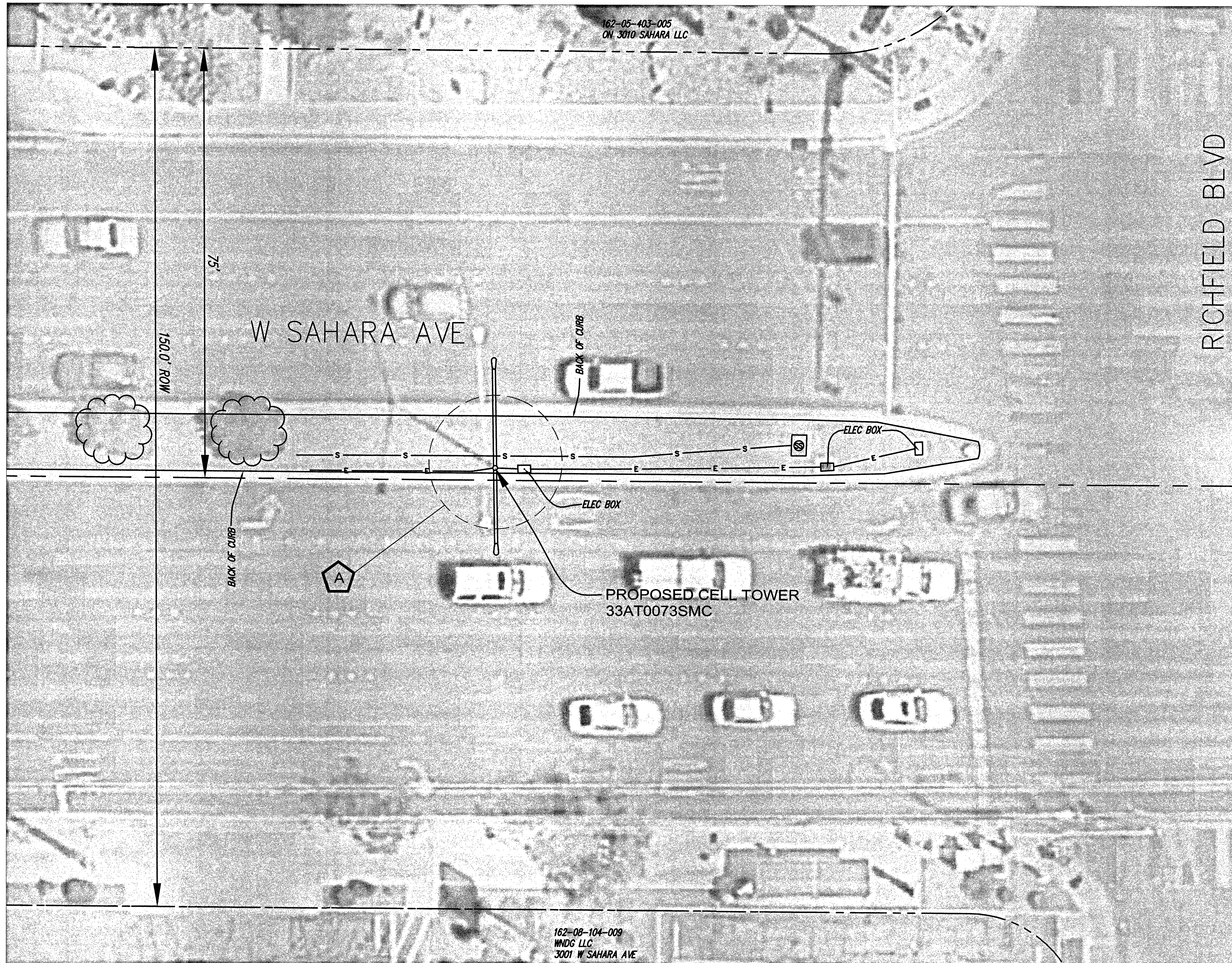
13. Use of rock wheel trenching machines or similar equipment may be permitted within paved areas or within 1foot of the edge of paving, as directed by the Engineer.
14. Sand bedding shall conform to gradation requirements in Subsection 706.03.03
15. If installing underground electrical facilities or supplies, refer to NAC 408.447 and 408.453
16. Slurry backfill in accordance with Section 207 if within the roadside slope or ditches
17. Conduit couplings shall be staggered
18. Detectable pull tape shall be installed inside all conduits
19. Return disturbed area to match existing grade
20. Native backfill acceptable when specified on plans or approved in writing by the Engineer
Native backfill shall not contain rocks larger than 3 inches

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONDUIT TRENCHING DETAIL

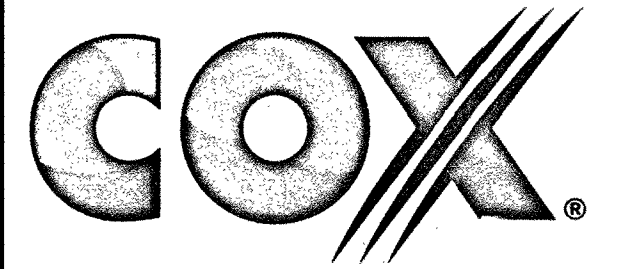
T-30.2.4	(623)	Signed Original On File
ADOPTED 2/71	REVISED 10/15	CHIEF TRAFFIC OPS ENGR.

SMALL CELL SITE SURVEY
 SITE: 33AT0073SMC
 SE $\frac{1}{4}$ SW $\frac{1}{4}$ SECTION 5, TOWNSHIP 21 SOUTH, RANGE 61 EAST



A LATITUDE: 36°08'39.69"N
 LONGITUDE: 115°10'56.72"W
 GROUND ELEVATION: 2104'
 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
	SEWER
	TELEPHONE
	WATER
	ELECTRIC
	GAS LINE
	OVERHEAD ELEC
	FENCE BARB
	PROPERTY LINE



6205-B Peachtree Dunwoody Road NE
 Atlanta, GA 30328

ENGINEERS:



BLACK & VEATCH

6 SUNSET WAY
 SUITE B108
 HENDERSON, NV 89014

SITE NO: 33AT0073SMC

DRAWN BY: CKS

CHECKED BY: CIS

REV	DATE	DESCRIPTION
A	8/14/18	PRELIMINARY SUBMITTAL

SURVEYOR:



435-660-0816

CIS JOB NO:

CIS 315-2-1-16

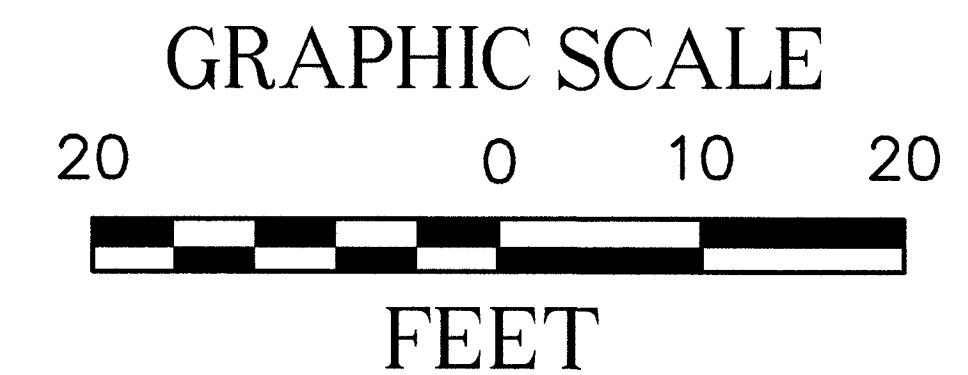
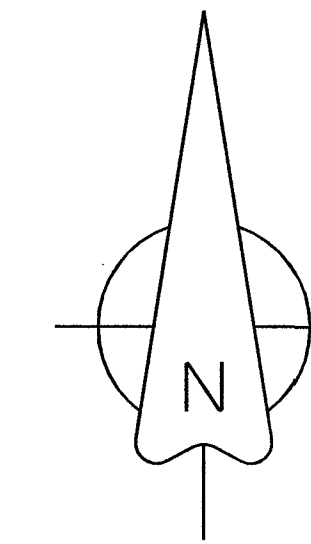
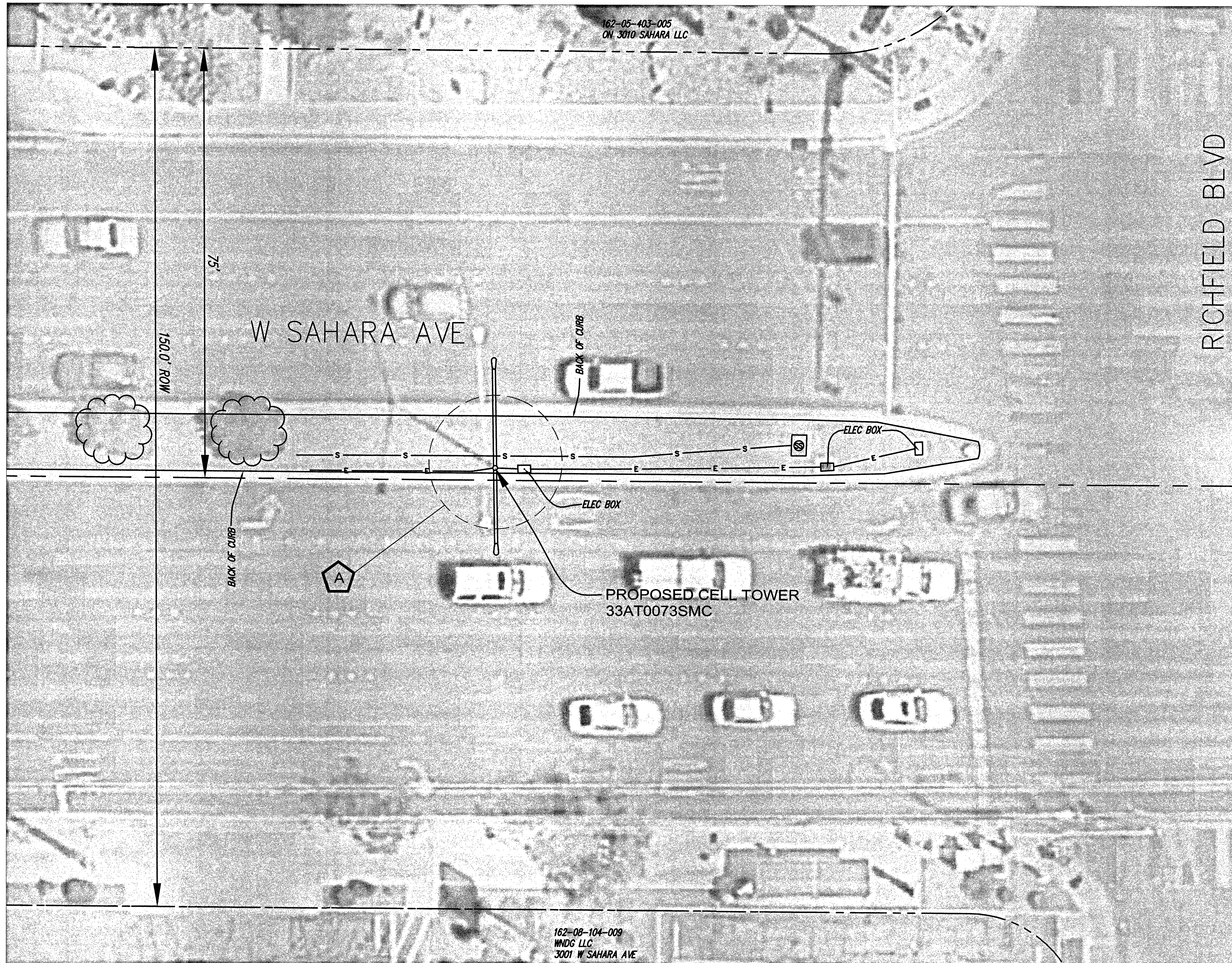
SHEET TITLE

SMALL CELL
 SITE SURVEY

SHEET NUMBER

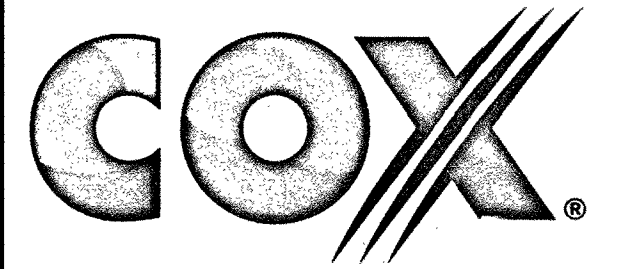
1 OF 1

SMALL CELL SITE SURVEY
 SITE: 33AT0073SMC
 SE $\frac{1}{4}$ SW $\frac{1}{4}$ SECTION 5, TOWNSHIP 21 SOUTH, RANGE 61 EAST



A LATITUDE: 36°08'39.69"N
 LONGITUDE: 115°10'56.72"W
 GROUND ELEVATION: 2104'
 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
	SEWER S
	TELEPHONE T
	WATER W
	ELECTRIC E
	GAS LINE G
	OVERHEAD ELEC
	FENCE BARB X
	PROPERTY LINE



6205-B Peachtree Dunwoody Road NE
 Atlanta, GA 30328

ENGINEERS:



BLACK & VEATCH

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SURVEYOR:



435-660-0816

CIS JOB NO:

CIS 315-2-1-16

SHEET TITLE

**SMALL CELL
 SITE SURVEY**

SHEET NUMBER

1 OF 1