

**AS-BUILT
BUILT PER PLAN**

Jason Dineen 2/13/18
DATE

Jason Dineen
Spectrum Services, Inc

**33TM0014SMC
VG0010BA_51LAB**
321.25 S CASINO CENTER BLVD
LAS VEGAS, NV 89101
APN: 139-34-299-002

ALL CONSTRUCTION AND MATERIAL 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 SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA NEVADA", LATEST ISSUE; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE.

CITY OF LAS VEGAS

APPROVED FOR CONSTRUCTION

THIS APPROVAL IS FOR WORK IN CITY ROW OR CITY EASEMENTS ONLY. OBTAINING PERMISSION OR EASEMENTS FOR WORK SHOWN ON PRIVATE PROPERTY IS THE RESPONSIBILITY OF THE OWNER.

APPROVAL: *L. M. COOPER* DATE: *2/13/18*



VG0010BA_51LAB
33TM0014SMC
321.25 S CASINO CENTER BLVD
LAS VEGAS, NV 89101

PROJECT NO: 113250.002
CHECKED BY: MEH

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION
A	10/2/17	GM	PRELIMINARY REVIEW
B	10/4/17	GM	PRELIMINARY REVIEW
C	10/5/17	GM	PRELIMINARY REVIEW
D	10/25/17	GM	PRELIMINARY REVIEW

BS&T ENGINEERING, INC.
12685
Expires 12/31/17



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.

SHEET NUMBER: T-1
REVISION: 0
SHEET 1 OF 8

GENERAL NOTES

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

SITE INFORMATION

PROPERTY OWNER: PUBLIC RIGHT-OF-WAY
APPLICANT: BLUESTREAM
ADDRESS: 33015 HIGHWAY 50 WEST
FARBAULT, MN 55021
(507) 334-2268

LAT/LONG TYPE: NAD 83
LATITUDE: 36.167202
LONGITUDE: -115.1461827
GROUND ELEVATION: ± 2321' AMSL
JURISDICTION: CITY OF LAS VEGAS
APN: 139-34-299-002
CURRENT ZONING: -
EXISTING LEASE AREA: N/A
EXISTING OCCUPANCY: U
PROJECT OCCUPANCY: U
EQUIPMENT LOCATION: OUTDOOR
ANTENNA LOCATION: EXISTING TRAFFIC LIGHT

CONSULTANT TEAM

ARCHITECT/ENGINEER: B+T GROUP
1717 S. BOULDER AVENUE
TULSA, OK 74119
CONTACT: VICTOR MCALISTER- PROJECT MGR
TEL: (918) 587-4630
FAX: (918) 295-0265

CABLE OWNER/LANDLORD: COX NEVADA TELCOM, LLC
1700 VEGAS DRIVE
LAS VEGAS, NV 89106
CONTACT: DAN ELLE ETZBACH
(404) 269-3997

OWNER REP: COX COMMUNICATIONS
1700 VEGAS DRIVE
LAS VEGAS, NV 89106
CONTACT: ANTHONY EBERSOLE
(702) 545-1643

DEVELOPER: COX NEVADA TELCOM, LLC
ATTN: COX BUSINESS

POWER: NV ENERGY
(702) 633-8400

FIBER: COX
(702) 936-8898

TELEPHONE: CENTURYLINK
(702) 361-3332

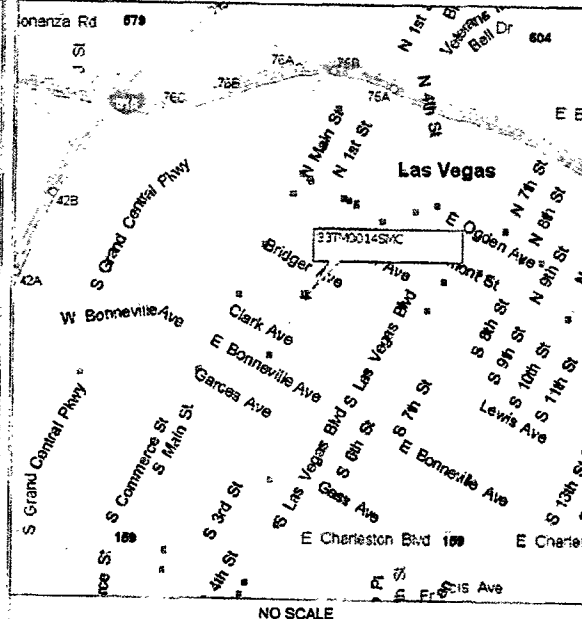
CODES

2012 INTERNATIONAL BUILDING CODE W/ NV STATE AMENDMENTS
2011 NATIONAL ELECTRICAL CODE W/ NV STATE AMENDMENTS

DO NOT SCALE DRAWINGS

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

VICINITY MAP



DRIVING DIRECTIONS

DEPART COX VEGAS OFFICE AT 1700 VEGAS DR, LAS VEGAS, NV 89106 ON VEGAS DR (WEST) TURN LEFT (SOUTH) ONTO LOCAL ROAD(S) TURN LEFT (EAST) ONTO VEGAS DR TURN RIGHT (SOUTH) ONTO (N) MARTIN L KING BLVD TURN LEFT (EAST) ONTO RAMP TAKE RAMP (LEFT) ONTO I-515 [US-93] AT EXIT 75B, TURN RIGHT ONTO RAMP ROAD NAME CHANGES TO (N) CASINO CENTER BLVD KEEP RIGHT TO STAY ON S CASINO CENTER BLVD TURN LEFT (EAST) ONTO LEWIS AVE ARRIVE 33TM0014SMC

APPROVALS

PROJECT MANAGER: _____ DATE: _____
CONSTRUCTION MANAGER: _____ DATE: _____
RF ENGINEER: _____ DATE: _____
SITE ACQUISITION: _____ DATE: _____
LANDLORD: _____ DATE: _____

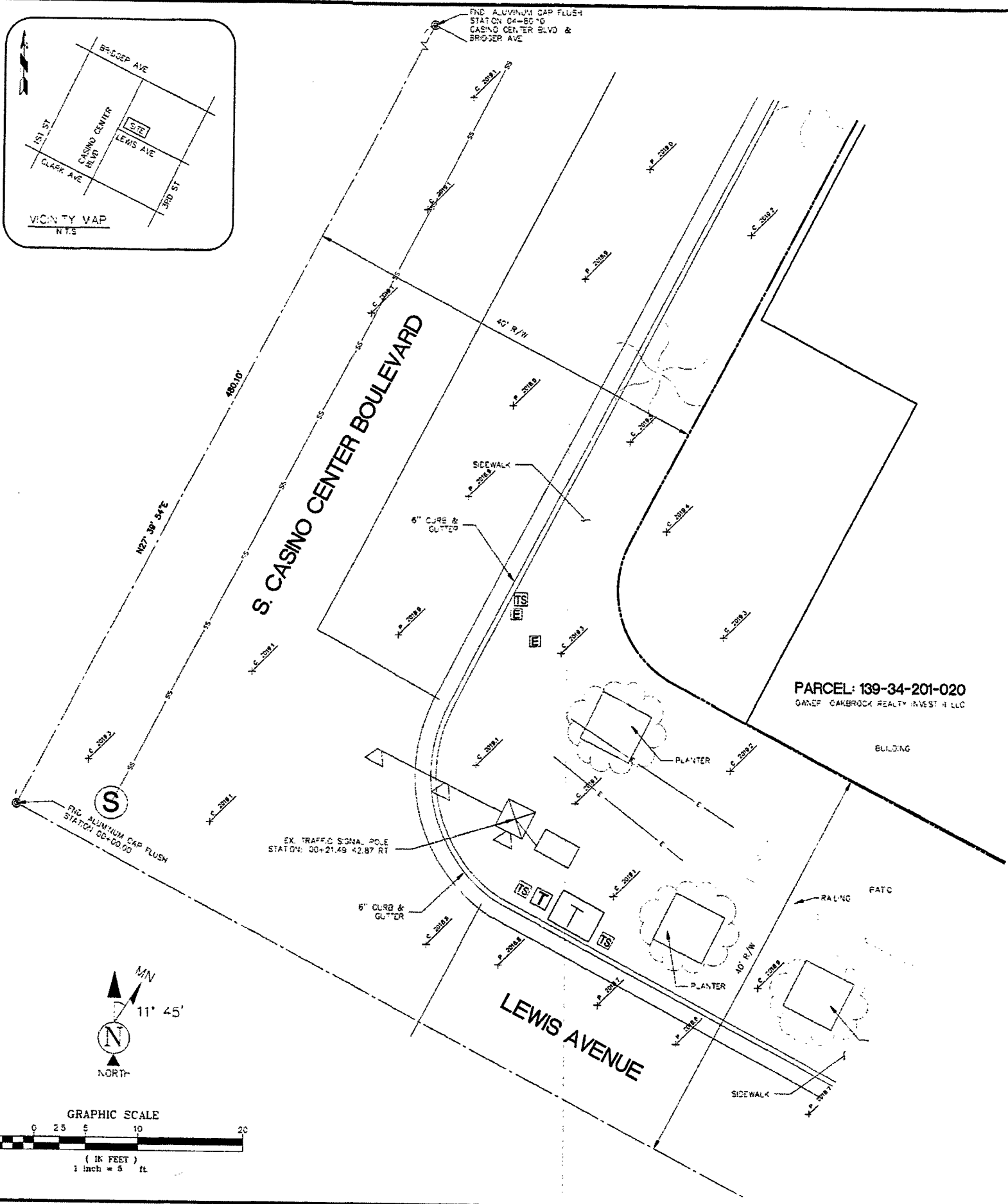
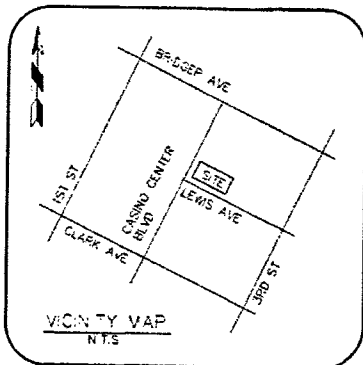
PROJECT DESCRIPTION

END USER PROPOSES TO INSTALL EQUIPMENT ON AN EXISTING STREETLIGHT WITHIN AN EXISTING RIGHT-OF-WAY. THE SCOPE WILL CONSIST OF THE FOLLOWING:
- INSTALL PROPOSED SMALL CELL EQUIPMENT ONTO EXISTING STREETLIGHT.

DRAWING INDEX

SHEET NO.	SHEET TITLE
T-1	TITLE SHEET
LS-1	SITE SURVEY
A-1	SITE PLAN & EXHIBIT PHOTO
A-2	POLE ELEVATIONS & PLAN VIEWS
A-3	EQUIPMENT DETAILS
E-1	ELECTRICAL NOTES
E-2	ELECTRICAL ONE-LINE DIAGRAM
GN-1	GENERAL NOTES

CALL NEVADA ONE CALL
(800) 227-2600
CALL 3 WORKING DAYS
BEFORE YOU DIG!



NOTES

1. A TITLE REPORT WAS NOT PROVIDED AT THE TIME OF THE SURVEY.
2. THE BOUNDARY AND RIGHT-OF-WAY SHOWN HEREON IS PLOTTED FROM RECORD INFORMATION AND DOES NOT CONSTITUTE A BOUNDARY SURVEY OR A L.A./N.E.S. TITLE SURVEY OF THE PROPERTY AND IS NOT INTENDED TO VERIFY OWNERSHIP. ANY CORNER OR CONTROL MONUMENTS SHOWN HEREON ARE FOR THE PURPOSE OF CONTROLLING RECORD BOUNDARY OR RIGHT-OF-WAY INFORMATION. THE SURVEYOR HAS NOT MADE CORNER DETERMINATIONS ON ANY SUCH MONUMENTS.
3. SURVEYOR DOES NOT GUARANTEE THE LOCATION, EXISTENCE, SIZE OR DEPTH OF ANY PUBLIC OR PRIVATE UTILITY. UNDERGROUND UTILITIES SHOWN HEREON ARE BASED UPON MARKINGS PROVIDED BY THE UTILITY PROVIDERS OR FROM THE CITY OF LAS VEGAS GIS MAPS AND IS APPROXIMATE. LOCATION AND DEPTH OF UTILITY FACILITIES MAY BE PRESENT IN THE PROJECT AREA. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND PARTICIPER TO CONTACT BLUE STAKE AND ANY OTHER INVOLVED AGENCIES TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION, REMOVAL, RELOCATION AND/OR REPLACEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR.

CENTER OF GEODETIC COORDINATES
 EXISTING TRAFFIC SIGNAL POLE LOCATION:
 LATITUDE 36° 01' 01.394" NORTH (NAD83)
 LONGITUDE 115° 05' 46.294" WEST (NAD83)
 ELEVATION @ GRADE = 2019.2 (NAVD83)

SITE BENCHMARK
 ALUMINUM CAP FLUSH AT THE CENTERLINE INTERSECTION OF CASINO CENTER BLVD & LEWIS AVENUE.
 ELEVATION=2019.31' (NAVD-88)

BASIS OF BEARING
 THE MONUMENT LINE OF CASINO CENTER BOULEVARD BASED UPON U.S. STATE PLANE NAD83 COORDINATE SYSTEM NEVADA STATE PLANE ZONE EAST, DETERMINED BY GPS OBSERVATIONS.
 BEARING-NORTH = 27°39'54" EAST

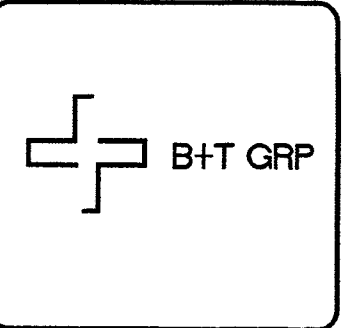
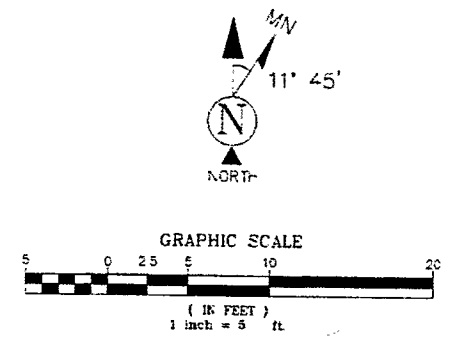
AS-BUILT
BUILT PER PLAN

Jason Dineen 2/13/18
 DATE

Jason Dineen
 Spectrum Services, Inc

LEGEND

▲	FOUND NAIL	—	SKY
●	FOUND BRASS CAP FLUSH	—	BOLARD
○	FOUND ALUMINUM CAP FLUSH	—	BRICKLINE
⊙	CALCULATED POSITION	—	POSITION OF GEODETIC COORDINATES
⊙	SEWER MANHOLE	—	PARKING METER
⊙	SEWER CLEANOUT	—	FOUND
⊙	TELEPHONE MANHOLE	—	EXISTING
⊙	TELEPHONE VAULT	—	NATURAL GRADE
⊙	TELEPHONE REDUCIA	—	PAVEMENT GRADE
⊙	TELEVISION TELESTIA	—	CONCRETE GRADE
⊙	WATER VALVE	—	CONCRETE MASONRY JNT
⊙	FIRE HYDRANT	—	CHAIN LINK FENCE
⊙	WATER METER	—	RIGHT-OF-WAY
⊙	IRRIGATION CONTROL VALVE	—	RIGHT-OF-WAY LINE
⊙	STORM MANHOLE	—	ADJOINING BOUNDARY LINE
⊙	CATCH BASIN	—	EASEMENT LINE
⊙	TRAFFIC SIGNAL	—	CENTERLINE
⊙	TRAFFIC SIGNAL WITH MAST	—	CHAIN LINK FENCE
⊙	TRAFFIC SIGNAL JUNCTION BOX	—	IRON FENCE
⊙	ELECTRIC MANHOLE	—	U/G STORM SEWER LINE
⊙	ELECTRIC JUNCTION BOX	—	U/G SANITARY SEWER LINE
⊙	POWER POLE	—	U/G ELECTRIC LINE
⊙	DOWN GUY	—	U/G GAS LINE
⊙	ELECTRIC TRANSFORMER	—	U/G COMMUNICATIONS LINE
⊙	LIGHT POST	—	U/G WATER LINE
⊙	STREET LIGHT W/ MAST ARM	—	PAVED AREA
⊙	PALM TREE	—	BRICK AREA
⊙	TREE (TYP)	—	CONCRETE AREA



SITE NAME:
 33TM0014SMC

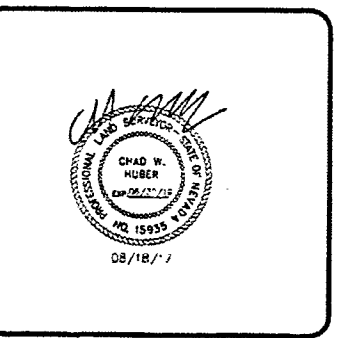
SITE ADDRESS:
 32125 S. CASINO CENTER BLVD.
 LAS VEGAS, NV 89107

SUBMITTALS

NO.	BY	DATE	SUBMITAL
1	MJS	05/12/17	SITE SURVEY

TERRAMARK
 LAND SURVEYING

24654 N. LAKE PLEASANT PKWY #103-103
 PEORIA, AZ 85383
 P. 480-440-1748
 F. 623-777-1762
 www.terramarksurveying.com

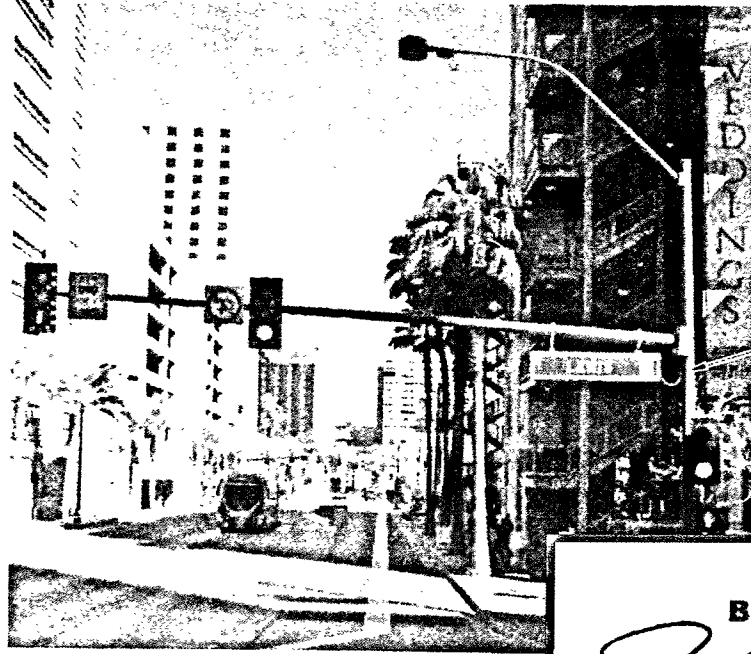


SITE SURVEY

JOB NO: 1502005-14	FIELD BY: MJS	DRAWN BY: MJS
-----------------------	------------------	------------------

SHEET NO:
2 OF 8

SHEET NAME:
LS-1



1 PHOTO ELEVATION
SCALE: N.T.S.

**AS-BUILT
BUILT PER PLAN**

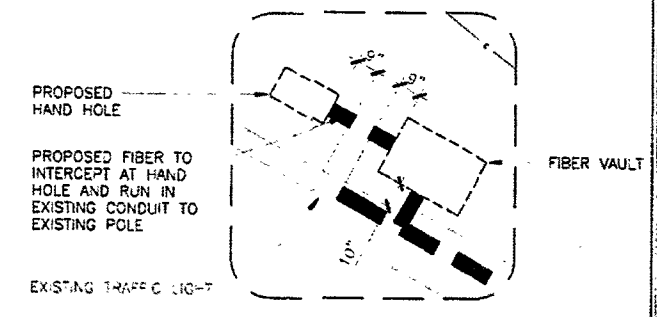
Jason Dineen
Jason Dineen
Spectrum Services, Inc

DATE _____

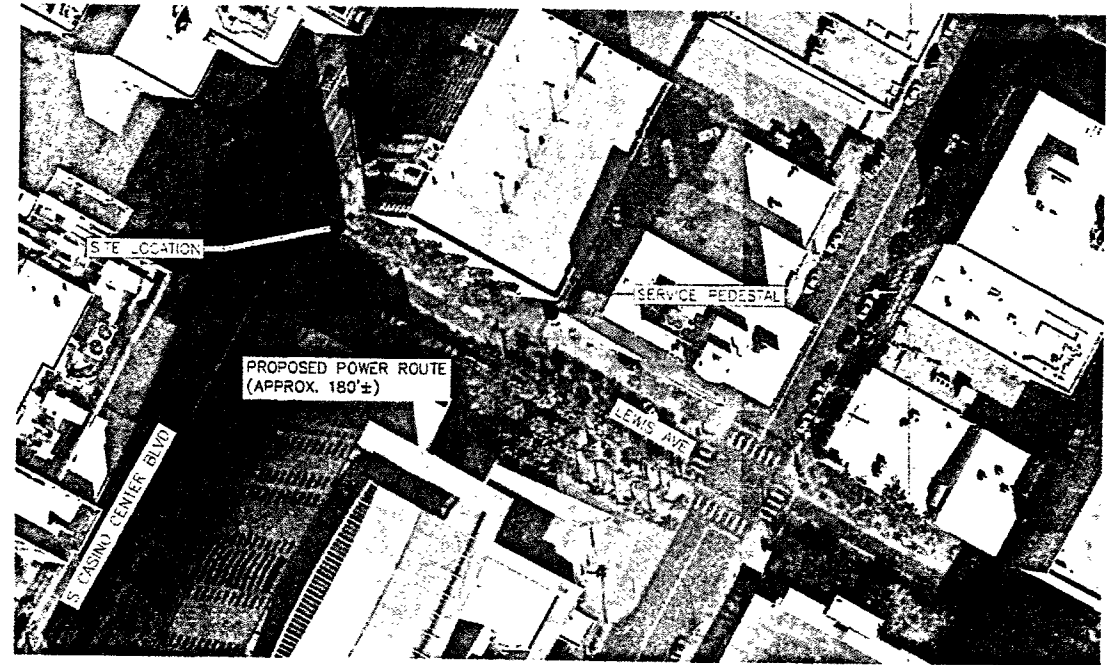
NOTE:
THIS SITE PLAN WAS GENERATED WITH THE USE OF A SURVEY. ALL ITEMS AND DIMENSIONS SHOULD BE VERIFIED IN THE FIELD.

NOTE:
THE EXISTING IMPROVEMENTS SHOWN HEREIN ARE BASED ON ACTUAL FIELD MEASUREMENTS AND OBSERVATIONS PERFORMED ON APRIL 19, 2017.

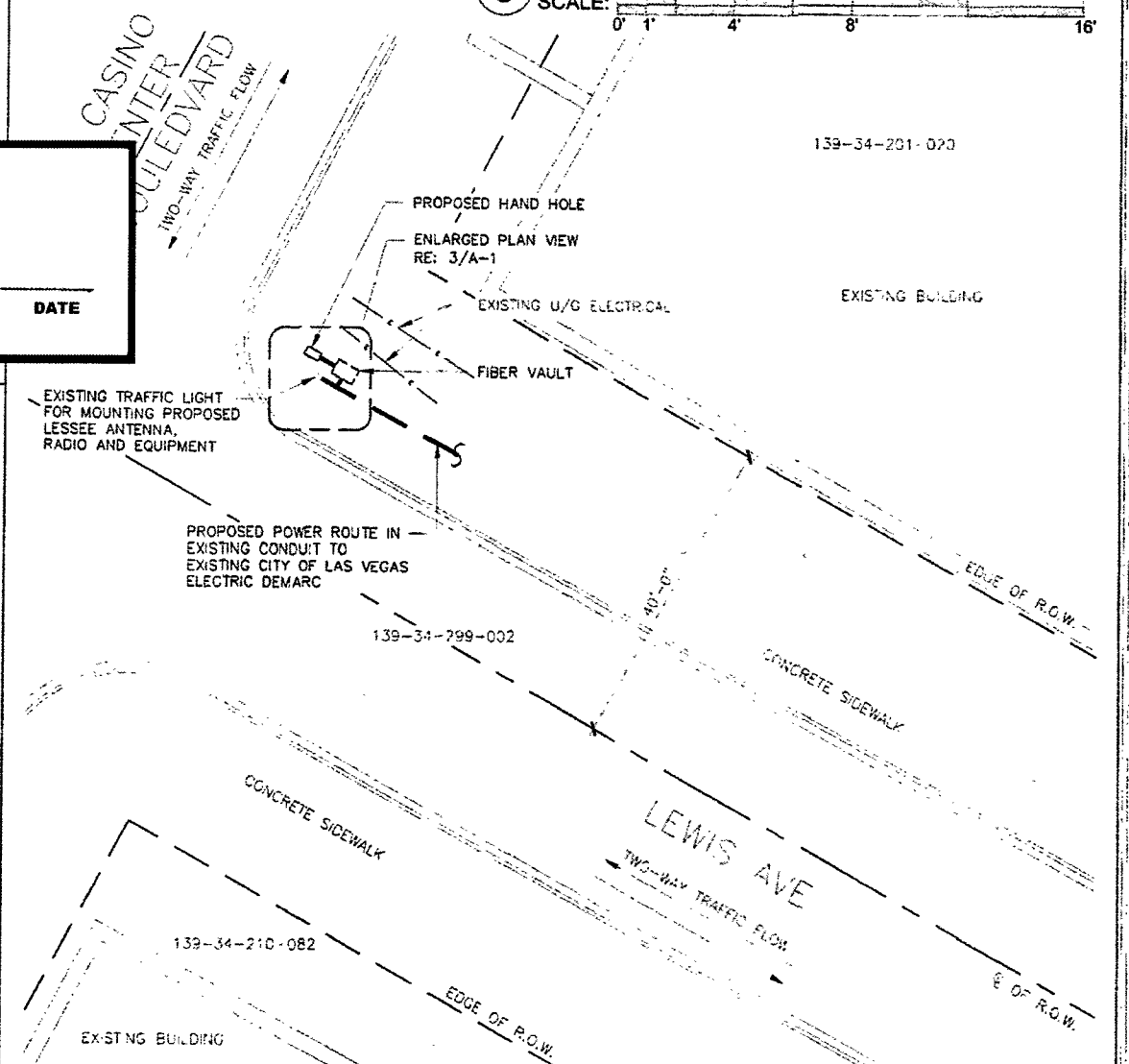
LEGEND:
ROAD/EDGE OF PAVEMENT
CENTERLINE OF R.O.W.
RIGHT OF WAY
PROPERTY LINE



3 HAND HOLE PLACEMENT
SCALE: 0' 4' 8' 16'



2 AERIAL SITE LOCATION
SCALE: N.T.S.



4 ENLARGED SITE PLAN
SCALE: 0' 10' 20' 30' 40'



VG0010BA_51LAB
33TM0014SMC
321.25 S CASINO CENTER BLVD
LAS VEGAS, NV 89101

PROJECT NO: 113250.002
CHECKED BY: MEH

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION
A	10/27/17	CEM	PRELIMINARY REVIEW
B	10/27/17	CEM	PRELIMINARY REVIEW
C	10/27/17	CEM	PRELIMINARY REVIEW
D	11/20/17	CEM	PRELIMINARY REVIEW

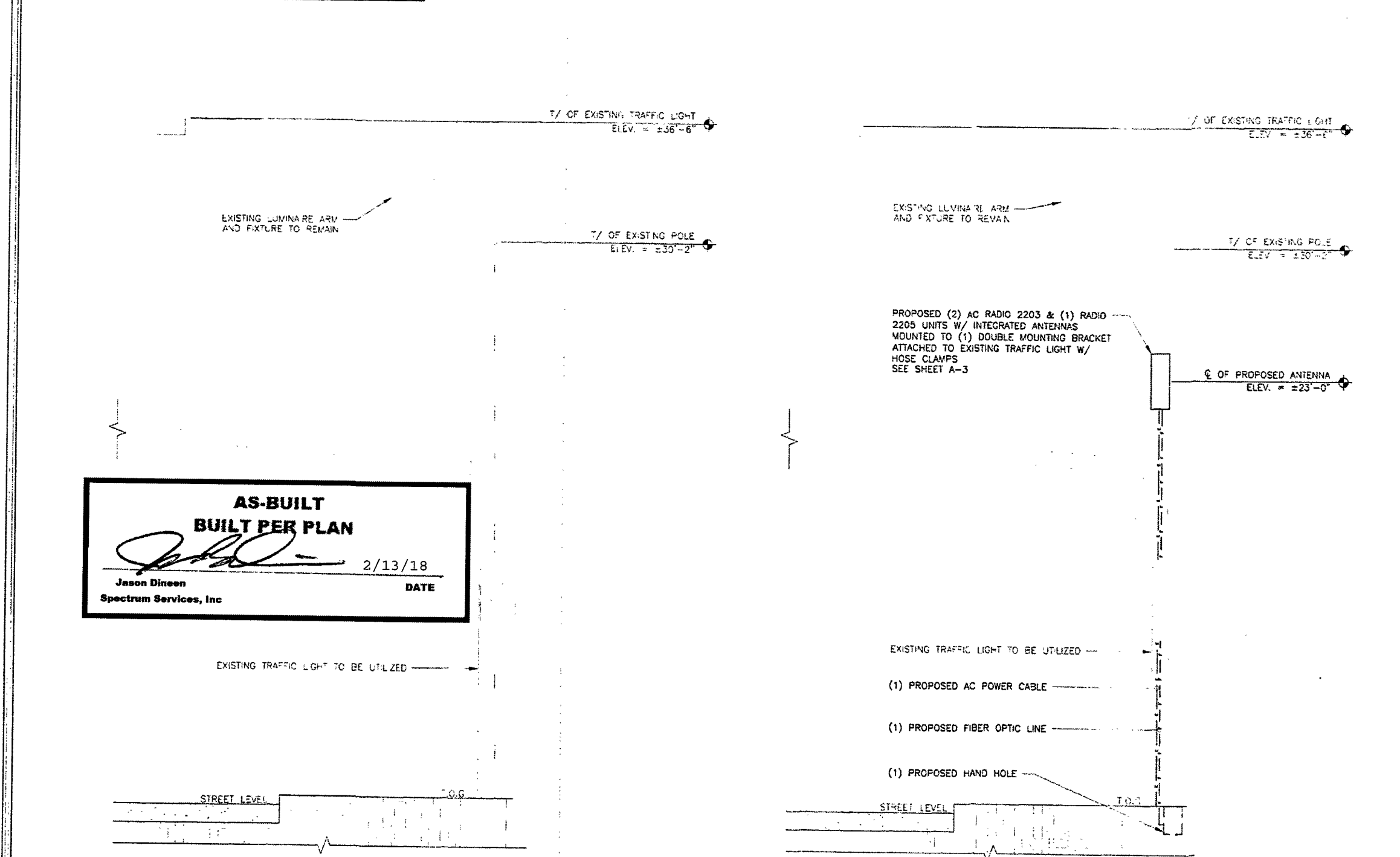
B&T ENGINEERING, INC.
12885
Expires 2/3/17



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.

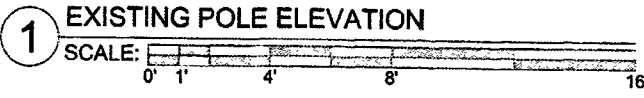
SHEET NUMBER: A-1
REVISION: 0
SHEET 3 OF 8

NOTE:
 NEW EQUIPMENT SHOWN ON THIS PLAN HAS BEEN EVALUATED TO VERIFY THE POLE OR STRUCTURE HAS THE CAPACITY TO ADEQUATELY SUPPORT THE EQUIPMENT. PRIOR TO ANY INSTALLATION, CONTRACTOR SHALL REFER TO STRUCTURAL ANALYSIS FOR APPROVAL OF ADDITIONAL NEW APPURTENANCES.



**AS-BUILT
 BUILT PER PLAN**

Jason Dineen 2/13/18
 Jason Dineen DATE
 Spectrum Services, Inc SIGNATURE



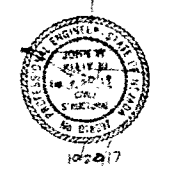
VG0010BA_51LAB
33TM00014SMC
 321.25 S CASINO CENTER BLVD
 LAS VEGAS, NV 89101

PROJECT NO: 113250.002
 CHECKED BY: MEH

ISSUED FOR:

REV	DATE	DRAWN	DESCRIPTION
A	10/27/17	GEN	PRELIMINARY REVIEW
B	10/27/17	GEN	PRELIMINARY REVIEW
C	10/27/17	GEN	PRELIMINARY REVIEW
D	10/27/17	GEN	PRELIMINARY REVIEW

B&T ENGINEERING, INC.
 12685
 Expires 12/31/17



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.

SHEET NUMBER: **A-2** REVISION: **0**
 SHEET 4 OF 8

ENGINEER'S GENERAL NOTES

- ALL EXISTING UTILITY LINES SHOWN ON THE PLANS ARE FROM AVAILABLE UTILITY RECORDS. THE CONTRACTOR SHALL VERIFY THE ACTUAL LOCATION BEFORE STARTING CONSTRUCTION.
- DISPOSAL OF ALL WASTE MATERIAL, AT AN APPROVED DISPOSAL SITE, WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS.
- THE CONTRACTOR SHALL FURNISH ALL CONSTRUCTION STAKING AT HIS EXPENSE.
- THE CONTRACTOR SHALL PATCH EXISTING UTILITIES AHEAD OF CONSTRUCTION, TO ALLOW FOR ANY NECESSARY ADJUSTMENT IN GRADE LINE AND TO VERIFY PIPE TYPES FOR ORDERING PROPER TRANSITION AND/OR TIE-IN FITTINGS WHICH MAY BE REQUIRED.
- TRENCH EXCAVATION, BACKFILLING AND COMPACTION SHALL BE IN ACCORDANCE WITH CLARK COUNTY UNIFORM STANDARD DRAWING NO. 20B EXCEPT AS NOTED OTHERWISE.
- ALL EXISTING IMPROVEMENTS (PAVING, CURB, GUTTER, SIDEWALK, LANDSCAPING, ETC.) THAT ARE DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED "IN-KIND" AS DIRECTED BY THE ENGINEER, OWNER/DEVELOPER OR AGENCY INSPECTORS.
- THE PLANS PREPARED FOR THIS PROJECT PRESENT A DESCRIPTION OF THE WORK TO BE ACCOMPLISHED. THE CONTRACTOR SHALL VISIT THE PROJECT SITE AND DETERMINE, FROM HIS OWN INSPECTION, THE CONDITIONS UNDER WHICH IT IS TO BE PERFORMED. THE CONTRACTOR, BY MAKING HIS BID, REPRESENTS THAT HE HAS VISITED THE SITE AND FAMILIARIZED HIMSELF WITH LOCAL CONDITIONS, THE TYPE OF WORK TO BE PERFORMED, EVALUATED THE DIFFICULTY OF PERFORMING THE REQUIRED TASKS, AND THE LABOR, EQUIPMENT AND MATERIAL THAT ARE REQUIRED TO PROVIDE A COMPLETE PROJECT.

SPECIAL AS-BUILT PLAN NOTE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARATION AND SUBMITAL OF ALL AS-BUILT PLANS TO THE GOVERNING AGENCY.

CLARK COUNTY CONSTRUCTION NOTES

- INSPECTIONS ARE REQUIRED, CAL. 24 HOURS IN ADVANCE TO SCHEDULE AT (702) 459-4610 PERMITS, APPROVED PLANS, AND BARRIADGE PLANS FOR THIS WORK MUST BE ON THE JOB SITE AT ALL TIMES.
- EXACT LOCATION OF ALL SAW-CUT LINES SHALL BE DETERMINED IN THE FIELD BY A CLARK COUNTY INSPECTOR.
- CURBS AND GUTTER WITH A GRADE OF LESS THAN 4/10 OF ONE PERCENT SHALL BE CONSTRUCTED BY FORMING. EACH JOINT SHALL BE CHECKED FOR GRADE PRIOR TO CONSTRUCTION AND WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION.
- FINAL ASPHALT CONCRETE (AC) PAVEMENT SURFACES SHALL BE ONE-HALF (1/2") HIGH ABOVE THE TOP OF THE GUTTER (INCLUDING OPEN GRADE).
- ALL OFF-SITE IMPROVEMENT CONSTRUCTION SHALL CONFORM TO THE UNIFORM STANDARD SPECIFICATIONS AND STANDARD DRAWINGS CLARK COUNTY AREA NEVADA AND CLARK COUNTY SUPPLEMENT TO UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS, LATEST REVISION.
- PRIVATE STREETS, CURBS, GUTTERS, AND VALLEY GUTTERS REFLECTED ON THESE PLANS ARE TO BE INSPECTED BY A CLARK COUNTY INSPECTOR.
- WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION PER STANDARD DRAWING EXACT LOCATION OF RAMPS SHALL BE DETERMINED IN THE FIELD BY CLARK COUNTY PUBLIC WORKS INSPECTOR.
- PROPER SIGNS, BARRIERS, BARRIADGES AND LIGHTS SHALL BE PLACED AND MAINTAINED IN ACCORDANCE WITH THE LATEST MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS. TRAFFIC, SCHOOL, OR STREET SIGNS OF ANY KIND ARE NOT TO BE MOVED FOR ANY REASON WITHOUT FIRST COORDINATING WITH THE DEPARTMENT OF PUBLIC WORKS INSPECTIONS AT (702) 459-4610.
- THIS PLAN DOES NOT AUTHORIZE CLOSURE OF ANY ROAD OR STREET.
- NO OPEN TRENCH SHALL BE ALLOWED ACROSS ANY STREET OR WITHIN TEN (10) FEET OF ANY TRAVEL-WAY, EXCEPT WHEN WORK IS IN ACTUAL PROGRESS. AREAS COVERED BY ACCEPTABLE STEEL PLATE ARE NOT TO BE CONSIDERED AS A TRENCH. NO OPEN TRENCH IS PERMITTED IN EXCESS OF 500 FEET OF LENGTH NECESSARY TO ACCOMMODATE PIPE INSTALLATION IN A SINGLE DAY, WHICHEVER IS GREATER. ALL TRENCH CROSSINGS AND BACKFILL SHALL MEET THE STANDARD SPECIFICATION UNLESS OTHERWISE STATED.
- A TEMPORARY PATCH IS TO BE IN PLACE AT THE END OF EACH WORK DAY WHERE THE BACKFILL IN THE TRENCH HAS BEEN COMPLETED AND PRIOR TO OPENING THE WORK AREA BACK TO TRAFFIC AND IS TO BE MAINTAINED BY THE PERMITTEE. A PERMANENT PATCH IS TO BE IN PLACE WITHIN THIRTY (30) DAYS AFTER THE INSTALLATION OF THE TEMPORARY PATCH.
- COMPACTION TESTS ARE REQUIRED.

CITY OF LAS VEGAS GENERAL NOTES

- 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 REVISED EDITION, THE "SUMMERLY IMPROVEMENT STANDARDS" FOR WORK IN THE SUMMERLY AREA; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; THE UNIFORM BUILDING CODE; AND ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE, EXCEPT AS NOTED ON THIS SHEET AS "DEVIATIONS FROM STANDARDS".
- THE EXISTENCE AND LOCATION OF ANY OVERHEAD OR UNDERGROUND UTILITY LINES, PIPES, OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A RESEARCH OF THE AVAILABLE RECORDS. EXISTING UTILITIES AS SHOWN FROM CIVIL PLANS LIBRARY ARE APPROXIMATE AND FOR RECORD PURPOSES. EXISTING UTILITIES ARE LOCATED ON PLANS ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. EXISTING UTILITY SERVICE LATERALS MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE ALL UNDERGROUND AND OVERHEAD INTERFERENCES WHICH MAY AFFECT HIS OPERATION DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO THEM. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COST AND LIABILITY IN CONNECTION THEREWITH.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING UTILITY LINES, STRUCTURES AND STREET IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE, FROM DAMAGE, AND ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED SATISFACTORY TO THE CITY ENGINEER AND OWNING UTILITY COMPANY AT THE EXPENSE OF THE CONTRACTOR.
- ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS. ANY REVISIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.
- TYPE V CEMENT SHALL BE USED IN ALL OFF-SITE CONCRETE WORK. CONCRETE TO BE 3000 P.S.I. MINIMUM @ 28 DAYS. MIX DESIGNS TO BE APPROVED BY THE CITY, PRIOR TO THE USE ON THE PROJECT.
- PERMITS ARE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS CONSTRUCTION.
- EXPANSION JOINTS REQUIRED, MAXIMUM EVERY 300' IN EXTRUDED-TYPE CURB.
- AC PAVEMENT TO BE ONE-HALF (1/2") ABOVE LIP OF ALL GUTTERS AFTER COMPACTION, EXCEPT AT SIDEWALK RAMPS AND CROSS GUTTERS.
- CURB AND GUTTER FOLDED TO BE UNACCEPTABLE TO THE CITY OF LAS VEGAS.

SHALL BE REMOVED AND REPLACED PER STANDARD DRAWING 216.

- SIDEWALK RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION PER STANDARD DRAWING 235. EXACT LOCATION OF RAMPS MAY BE ADJUSTED IN THE FIELD BY A CITY INSPECTOR.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITIONS BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND FOR INGRESS AND EGRESS TO NEW CONSTRUCTION. THE EXTENT OF THE TRANSITIONS TO BE AS SHOWN ON PLANS.
- ALL GRADING WORK SHALL CONFORM TO THE SOILS REPORT AS PREPARED BY THE (COMPANY, REPORT #, DATE) APPROVED BY THE CITY ENGINEER, AND AS SHOWN ON THESE PLANS.
- EXACT LOCATION OF ALL SAWCUT LINES MAY BE ADJUSTED OR DETERMINED IN THE FIELD BY A CITY OF LAS VEGAS ENGINEER IF LOCATION ON PLANS IS NOT CLEARLY SHOWN, OR EXISTING PAVEMENT CONDITION REQUIRES RELOCATIONS.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT EXISTING PERMANENT SURVEY MONUMENTS. ANY MONUMENTS DISTURBED SHALL BE REPLACED AND ADJUSTED PER AVAILABLE RECORDS IN ACCORDANCE WITH N.E.S. STATUTE NO. 625.380 & CITY OF LAS VEGAS TITLE 18, APPENDIX D.
- UTILITY COMPANY VETER BOXES, MANHOLE LIDS, VALVE COVERS, ETC., SHALL BE LOCATED OUT OF DRIVEWAYS, DRIVEWAY APRONS, FLOW LINES, AND CROSS GUTTERS UNLESS WRITTEN APPROVAL IS GRANTED BY THE UTILITY COMPANY AND THE CITY ENGINEER.

WALL NOTES:
 16. ALL WALLS, NEW OR EXISTING, ARE ONLY SHOWN ON CIVIL PLANS FOR THE PURPOSE OF REVIEWING GRADING RELATIONSHIPS; FLOOD CONTROL AND SIGHT DISTANCE AT INTERSECTIONS. NEW WALLS REQUIRE A SEPARATE PERMIT AND INSPECTION BY THE BUILDING DEPARTMENT.
 17. ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE PLACEMENT OF ASPHALT WITHIN CITY RIGHT OF WAY.
 18. CONTRACTOR SHALL ADJUST ALL NEW AND EXISTING INLETS, VALVE BOXES, MANHOLE RIMS, AND SEWER CLEAN OUTS, ETC. TO FINISH GRADE AS APPLICABLE WHETHER OR NOT THEY ARE SHOWN ON THE PLANS.
 19. MATERIALS, HANDLING AND PLACEMENT OF PORTLAND CEMENT CONCRETE SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF NDOT OR THE CLARK COUNTY AREA SPECIFICATIONS (AS APPLICABLE) AND THE PLANS AND DETAILS SHOWN HEREON.

20. WHEN INSTALLING UNDERGROUND FACILITIES THAT REQUIRE UNDERGROUND LOCATING DEVICES SUCH AS MARKER BALLS, LOCATING PIPES, ETC., THE CONTRACTOR SHALL PROVIDE WRITTEN DOCUMENTATION TO OFFSITE INSPECTION AND TESTING CERTIFYING THAT ALL DEVICES HAVE BEEN PLACED AND VERIFIED TO BE IN GOOD WORKING CONDITION PRIOR TO THE CONSTRUCTION OF ANY ROAD BASE.


21. SANITARY SEWER AND STORM DRAIN FINAL LOCATION MAP(S) SHALL BE PROVIDED TO THE CITY AND APPROVED PRIOR TO ACCEPTANCE OF FACILITY VIDEO INSPECTION. THE MAP(S) SHALL INCLUDE THE HORIZONTAL AND VERTICAL (INVERT) LOCATION OF PUBLIC SEWER MANHOLES, STORM DRAIN MANHOLES AND TRANSITION STRUCTURES, STORM DRAIN LATERALS AT THE CONNECTION TO THE STORM DRAIN MAIN AND AT THE CONNECTION TO A DROP INLET, THE CONNECTION OF SEWER SERVICE LATERALS TO THE SEWER MAIN AND WHERE THE SEWER SERVICE LATERALS EXIT THE PUBLIC RIGHT-OF-WAY AND STORM DRAIN MAIN ALIGNMENT, INCLUDING DEFLECTION POINTS. THE LOCATION SHALL BE DESCRIBED BY COORDINATES WHICH SHALL BE BASED ON THE OFFICIAL HORIZONTAL AND VERTICAL CONTROL NETWORKS OF THE CITY OF LAS VEGAS. FINAL LOCATION MAPS MUST BE SEALED AND CERTIFIED BY A NEVADA PROFESSIONAL LAND SURVEYOR TO HAVE POSITIONAL CERTAINTES OF ± 0.03 METERS (± 0.3 FEET) HORIZONTALLY AND VERTICALLY. A SEPARATE ELECTRONIC COMMA DELIMITED FILE FOR THE SANITARY SEWER AND STORM DRAIN COORDINATES SHALL ALSO ACCOMPANY THE SANITARY SEWER AND STORM DRAIN FINAL LOCATION MAP(S).

OR
 SANITARY SEWER AND STORM DRAIN FACILITIES SHOWN ON THESE PLANS SHALL BE USED TO MEET THE REQUIREMENTS OF NRS 455 AND SHALL SHOW AT A MINIMUM THE HORIZONTAL AND VERTICAL (INVERT) LOCATION OF PUBLIC SEWER MANHOLES, STORM DRAIN MANHOLES, STORM DRAIN LATERALS AT THE CONNECTION TO THE STORM DRAIN MAIN AND AT THE CONNECTION TO A DROP INLET, AND THE CONNECTION OF SEWER SERVICE LATERALS TO THE SEWER MAIN AND WHERE THE SEWER SERVICE LATERALS EXIT THE PUBLIC RIGHT-OF-WAY. ANY DEVIATIONS FROM THE INFORMATION SHOWN SHALL BE NOTED AND SUBMITTED AS A REVISION TO THE PLANS AND APPROVED PRIOR TO ACCEPTANCE OF FACILITY VIDEO INSPECTION.
 22. CCTV VIDEO INSPECTION IS REQUIRED FOR ALL SEWER AND STORM DRAINS. THE CCTV VIDEO INSPECTIONS NEED TO BE PERFORMED PER THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS LATEST EDITION.

23. A SEPARATE BORING PERMIT IS REQUIRED FOR ALL BORING ACTIVITIES.

24. REVISED 02/03/15

**AS-BUILT
BUILT PER PLAN**

 2/13/18

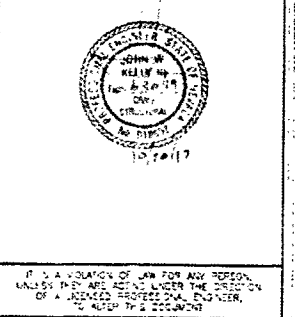
Jason Dineen DATE
Spectrum Services, Inc DATE



VG0010BA_51LAB
33TM0014SMC
 321.25 S CASINO CENTER BLVD
 LAS VEGAS, NV 89101

PROJECT NO:	113250.002		
CHECKED BY:	MEH		
ISSUED FOR:			
REV	DATE	DRWN	DESCRIPTION
A	10/27/17	GM	PRELIMINARY REVIEW
B	10/27/17	GM	PRELIMINARY REVIEW
C	10/27/17	GM	PRELIMINARY REVIEW
D	10/27/17	GM	PRELIMINARY REVIEW

SEAL ENGINEERING, INC.
 12685
 Expires 12/31/17



IF A CHANGE OF LAW FOR ANY REASON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, THIS SEAL IS VOID.

SHEET NUMBER: **GN-1** REVISION: **0**
 SHEETS OF 8