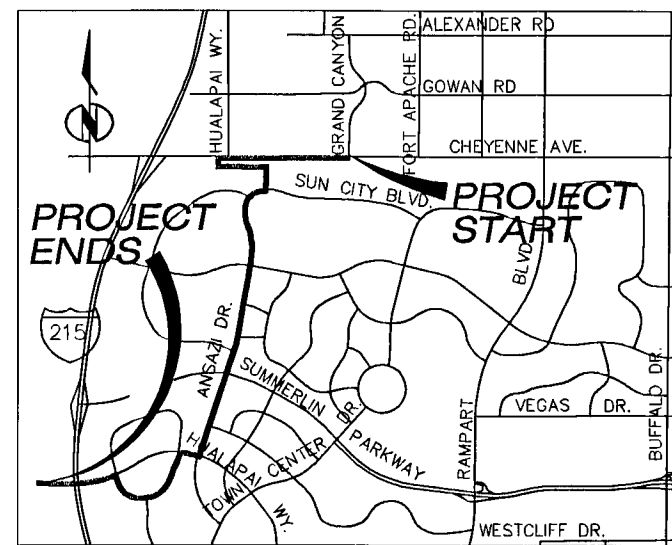




VICINITY MAP

NOT TO SCALE
T20S R60E SEC. 07

GENERAL NOTES

ALL CONSTRUCTION SHALL CONFORM TO AMERICAN FIBER SYSTEMS AND CLARK COUNTY AREA UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS.

ALL CONDUIT, PULL BOXES, MANHOLES, TRENCHING, BACK FILLING AND SUBSTRUCTURES ARE TO BE PROVIDED BY THE CONTRACTOR AND CONFORM TO AMERICAN FIBER SYSTEMS STANDARDS UNLESS OTHERWISE SPECIFIED.

TRENCHING AND TELEPHONE BOXES ARE TO BE PLACED IN THE SIDEWALK AREA WHENEVER POSSIBLE. ALL TRENCHING WILL BE OF A MINIMUM DEPTH TO MAINTAIN A 36" COVER OVER ALL AMERICAN FIBER SYSTEMS FACILITIES AND 12" MINIMUM SEPARATION FROM FOREIGN UTILITIES. NEW AND EXISTING BOXES WILL BE ESTABLISHED TO FINISH GRADE.

ALL PULL BOXES LARGER THAN 17"x30" AND MANHOLES ARE TO BE GROUNDED WITH A 1/2"x8" TINNED SOFT COPPER BONDING RIBBON PLACED VERTICALLY AROUND THE BOTTOM OF THE BOX WITH A 3" END STUBBED INSIDE.

PLYWOOD BACKBOARDS ARE TO BE TREATED WITH A FIRE RETARDANT MATERIAL, PAINT OR SEALER.

THE CONTRACTOR SHALL PROVIDE AND INSTALL A MEASURING TAPE CONSISTING OF A WATER PROOF 400 LB. TENSILE STRENGTH MARKED IN ONE FOOT OR LESS INCREMENTS IN AT LEAST ONE DUCTS IN ALL CONDUIT SECTIONS. ALL OTHER DUCTS WILL HAVE A 3" JET LINE PULL STRING WITH 400 LB. TENSILE STRENGTH.

THE CONTRACTOR SHALL PROVE AND MANHOLE ALL CONDUIT AFTER BACK FILLING WHILE A AMERICAN FIBER SYSTEMS ENGINEER IS PRESENT. MANHOLE SIZE IS TO BE 1" SMALLER THAN THE INSIDE DIAMETER OF CONDUIT.

IN ORDER TO INSURE ADEQUATE FACILITIES ARE PROVIDED FOR ON THE PROJECT, IT IS IMPERATIVE THAT THE CONDUIT DESIGN NOT BE CHANGED WITHOUT THE AMERICAN FIBER SYSTEMS ENGINEER'S APPROVAL.

ALL TERMINALS, BACKBOARDS, CABINETS, ETC., SHALL BE EQUIPPED WITH A #6 GAUGE COPPER GROUND WIRE, ATTACHED TO A COMMON POWER MGN.

ALL PULL BOXES AND MANHOLES NOT IN A CONCRETE SIDEWALK, WILL BE REQUIRED TO HAVE A PROTECTIVE 8"x8" CONCRETE COLLAR POURED AROUND THE TOP PORTION OF THE BOX AND 14"20 LOAD BEARING LIDS.

ALL CONDUIT ENDS (TERMINATED OR STUBBED) WILL HAVE A TAPERED POLYETHYLENE DUCT PLUG WITH A PULL STRING ATTACHED.

INSPECTION IS REQUIRED FOR ALL PHASES OF THE JOB.

THESE PHASE ARE:

- *OPEN TRENCHES AFTER CONDUIT HAS BEEN PLACED.
- *OBSERVATION OF BACK FILL AND COMPACTION AS *MEETING STANDARDS.
- *MANDREL OF CONDUIT.
- *WALL OF PULL BOXES AND MANHOLES MUST BE *CORDED WITH PROPER AMOUNT OF TERMINATIONS.
- *GROUTING OF PULL BOXES AND CONCRETE COLLARS.
- *PULL STRING IN ALL CONDUITS.

ALL WORK MUST BE ACCEPTED BY AMERICAN FIBER SYSTEMS, AS MEETING AMERICAN FIBER SYSTEMS STANDARDS, FOR A CONTRACTOR TO BE PAID AND FOR AMERICAN FIBER SYSTEMS TO PLACE ANY TYPE OF TELECOMMUNICATIONS CABLE/FIBER.

LEGEND

- INDICATES EX. UTILITIES & OH CABLE
- PROPOSED 2.3,4 & 6" PVC, SCHEDULE 40
- PROPOSED FIBER
- PROPOSED 1 1/4" HDPE DUCT
- INDICATES CENTER LINE
- INDICATES RIGHT OF WAY
- PROPOSED PULL BOX 3'x5'x4'6"
- PROPOSED PULL BOX 2'6"x4'x3'
- PROPOSED PULL BOX 30"x48"x36"
- ☒ TERMINAL CABINET 36"x36"x6"
- ☒ TERMINAL CABINET 24"x24"x6"
- ☒ TERMINAL CABINET 18"x24"x6"
- 3/4" PLYWOOD BACKBOARD TREATED WITH A FIRE RETARDANT PAINT OR SEALER. BACKBOARDS SMALLER THAN 4'x8' SHOULD BE MOUNTED 40" ABOVE THE FLOOR.
- #6 COPPER GROUND WIRE ATTACHED TO A POWER MGN.

UTILITY NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Avoid cutting underground utility lines. It's costly.
Call before you dig
Dial 811
UNDERGROUND SERVICE USA

Avoid hitting overhead power lines. It's costly.
Call before you dig
Dial 811
CALL 1-702-227-2929

AVOID HITTING UNDERGROUND TRAFFIC SIGNAL AND STREET LIGHT SYSTEM CONDUITS. IT'S COSTLY.
Call before you dig
Underground
1-702-432-5200
FREWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

CONSTRUCTION NOTES:
COORDINATE CONSTRUCTION WITH AMERICAN FIBER SYSTEMS. ALL UG CONDUIT TO BE EQUIPPED WITH LOCATE WIRE. MAINTAIN A MINIMUM OF 36" (PLACE BORE PITS AS NECESSARY)

Contact: Rob T.
FIBER OPTIC TECH.
AMERICAN FIBER SYSTEMS
6580 S. Spencer St. Ste. B2-100
Las Vegas, NV 89119
PHONE: (702) 949-7948
FAX: (702) 949-7929

DETAIL FIBER PLAN
SCALE: 1"=50'-0"

CONSTRUCTION NOTES

1. INSTALL 72 CT FIBER IN OCCUPIED CONDUIT.
2. INSTALL B36 UTILITY BOX 17"x30"x30".
3. REMOVE & REPLACE SIDEWALK.
4. INSTALL (1) 2" CONDUIT & TIE TO EXISTING CENTURYLINK MANHOLE.
5. INSTALL PULL BOX T-200.

NOTE: ALL WORK SHALL COMPLY WITH THE CCAU STANDARDS DRAWINGS.

City of Las Vegas

APPROVED FOR CONSTRUCTION
THIS APPROVAL IS FOR WORK IN CLV ROW OR CLV EASEMENT ONLY. OBTAINING PERMISSION OR EASEMENT FOR WORK SHOWN ON PRIVATE PROPERTY IS THE RESPONSIBILITY OF THE UTILITY.

Approval
Date: 11-4-13

CITY OF LAS VEGAS PUBLIC WORKS PERMIT
REQUIRES *

DEVELOPER/CONTRACTOR SHALL OBTAIN A CITY OF LAS VEGAS (CLV) PERMIT BEFORE ANY EXCAVATION WORK WITHIN CITY OF LAS VEGAS RIGHT-OF-WAY

* AMERICAN FIBER SYSTEMS INSPECTOR WILL VERIFY CITY OF LAS VEGAS PERMIT FOR WORK DONE WITHIN CLV RIGHT-OF-WAY

INSPECTOR: DATE:

American
FIBER SYSTEMS

6580 S. Spencer St.
Unit# B-2110
Las Vegas, NV 89119

SHEET

1

1 OF 14 SHEETS

PROJECT NAME:	RING 2
PROJECT LOCATION:	START @ W. CHEYENNE AVE. & N. GRAND CANYON DR. ENDS @ FAR HILLS AVE. & CARRIAGE HILL DR.
PROJECT NUMBER:	Z-13001
SCALE (H):	1"=50'
DESIGN BY:	FRANK
DRAWN BY:	CORAN
REVIEW BY:	ROB
REV. #	
DATE	
DESCRIPTION	
APPROVAL	