



OUTSIDE PLANT CONSTRUCTION
FIBER OPTIC CABLE ROUTE

PROJECT/AFE #: 1711BOPK.9

NORTH ON SOUTH HUALAPAI WAY FROM WEST SAHARA
AVENUE TO PESEO CRESTA AVENUE

CITY OF LAS VEGAS, NEVADA

HUB: LSV HUALAPAI - CELL SITE: LSV HUALAPAI BACK HAUL 901005, 901006, 901008 _ REV 05-30-19

CONSTRUCTION DRAWING 5/30/2019

MCI metro ACCESS TRANSMISSION SERVICES CORP.
d/b/a Verizon Access Transmission Services

NOTE: ALL THE ABOVE GROUND UTILITY APPURTENANCES
SHALL CONFORM TO THE REQUIREMENTS OF CLV UNIFIED
DEVELOPMENT CODE TITLE 19.06 AND 19.08

CITY OF LAS VEGAS
APPROVED FOR CONSTRUCTION

THIS APPROVAL IS FOR WORK IN CLV R/W & EASEMENT ONLY.
OBTAINING PERMISSIONS OR EASEMENTS FOR WORK SHOWN ON
PRIVATE PROPERTY IS THE RESPONSIBILITY OF THE UTILITY.

Shawn Butts 7-20-19
APPROVAL BY: L18-02743-R001 1071571-F18 DATE

CLV NOTE: PROTECT ALL EXISTING STORM
DRAIN SYSTEMS AND THE ASSOCIATED
FACILITIES IN PLACE.

JOB #: LSV HUALAPAI LSV BACK HAUL 901005, 901006, 901008 _ REV 05-30-19

M:\VERIZON ONE FIBER\LAS VEGAS\LSV HUALAPAI\BACK HAUL\LSV HUALAPAI TO LSV DURANGO\CONSTRUCTION DRAWINGS

L18-02743-R001 6/11/19

CONTACT SHEET/ DETAILS

MCImetro ACCESS TRANSMISSION SERVICES CORP.
d/b/a Verizon Access Transmission Services

OUTSIDE PLANT ENGINEERING:

PROJECT ENGINEER: CORY VANDERBOS
SUPERVISOR: N/A
MANAGER: N/A

OUTSIDE PLANT CONSTRUCTION:

PROJECT SUPERVISOR:
FIELD CONST. SUPERINTENDENT:
MANAGER: N/A

RIGHT-OF-WAY:

AGENT:
MANAGER:

CONTRACTS:

COORDINATOR: N/A
MANAGER: N/A

OTHERS:

PROGRAM MANAGER: N/A
LIGHTWAVE ENGINEER: N/A
CIVIL ENGINEER: N/A
TERMINAL CONST. REP.: N/A
SPlicing MANAGER: N/A
TSO MANAGER: N/A

ENGINEERING CONTRACTOR

NAME OF FIRM: BPG DESIGNS 1-602-954-2223
PROJECT MANAGER:
ENG. PROJECT SUPERVISOR:

CONSTRUCTION CONTRACTOR

NAME OF FIRM: TEAM FISHEL 1-702-644-4565
PROJECT COORDINATOR:

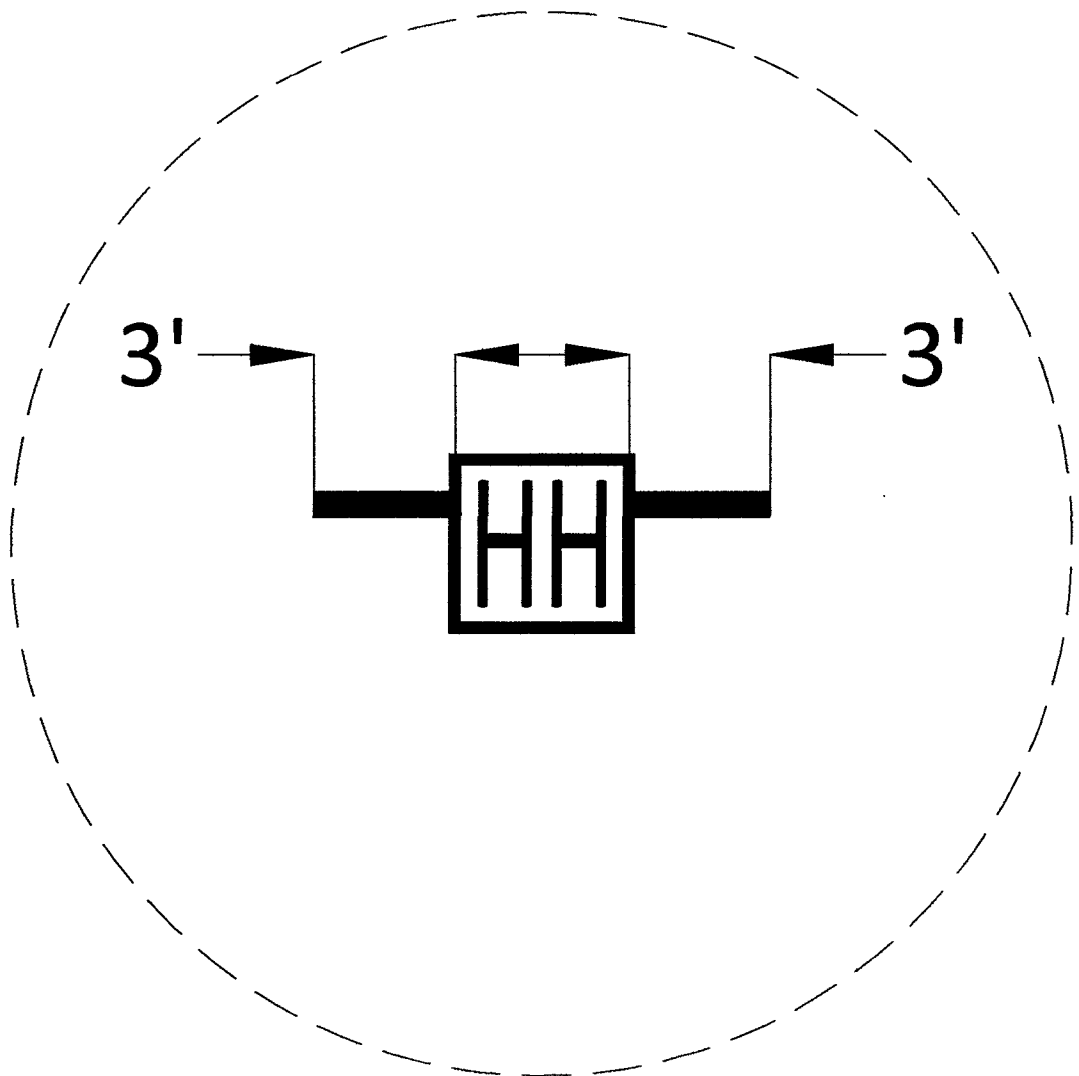
CITY GOVERNMENT

BUREAU OF ENGINEERING:

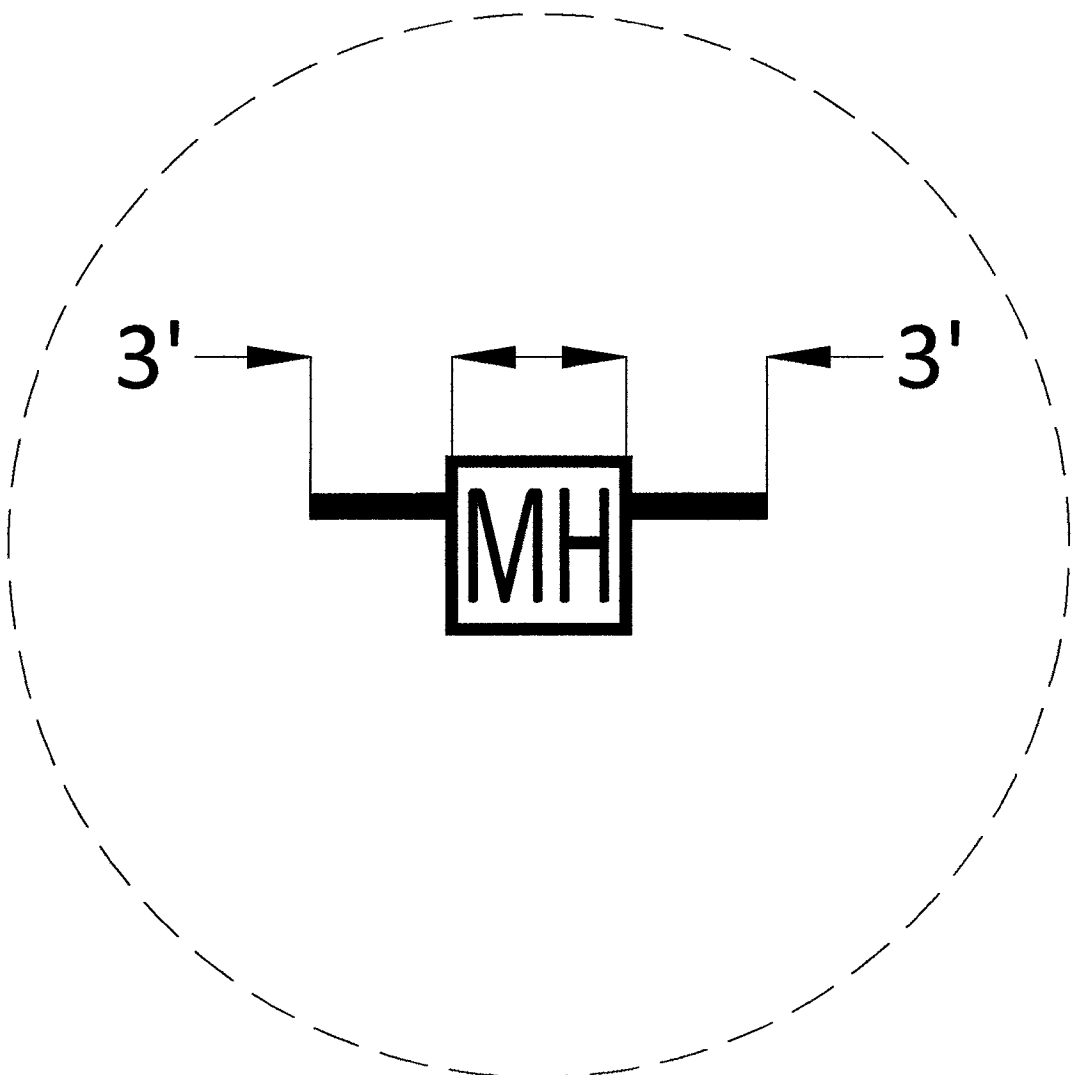
CITY ENGINEER:

UTILITIES

WORLDCom UTILITY LOCATE 1-800-624-9675
USA NORTH BLUESTAKE 811



HANDHOLE DETAIL
N.T.S
2-2" STUBOUTS
ORIENTATION MAY VARY
PLACE STUBOUTS TOWARDS BACK OF
SIDEWALK WHERE POSSIBLE



MANHOLE DETAIL
N.T.S
2-2" STUBOUTS
ORIENTATION MAY VARY
PLACE STUBOUTS TOWARDS BACK OF
SIDEWALK WHERE POSSIBLE

PROJECT TOTALS SUMMARY

MATERIALS	
2" HDPE CONDUIT(S):	688'
2.5" HDPE CONDUIT(S):	-
4" HDPE CONDUIT(S):	60'
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	4
4' x 4' x 4' HANDHOLE(S):	-
MANHOLES:	-

WORK TYPE	
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	4,597'
TRENCH:	400'
ASPHALT CUT:	-
BORE:	-

TOTAL NEW UG FOOTAGE:	400'
TOTAL FOOTAGE:	4,997'



CELL SITE: LSV HUALAPAI BACK HAUL
901005, 901006, 901008 _ REV
05-30-19

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION BACK

HAUL 901005, 901006, 901008 _ REV
05-30-19

PROJECT TITLE

DATE: 5/30/2019

DRAWN BY: ADADKHAH

REVISIONS

DATE	DESCRIPTION	INITIAL
05-30-19	CHANGED UG R/L (SHEET 15) UPDATED FOOTAGES (SHEET 3, 15,16) UPDATED SCHEMATIC (SHEET 16)	AD CLW SB 7-22-19

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI COMMUNICATIONS SERVICES, INC. BOTH BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

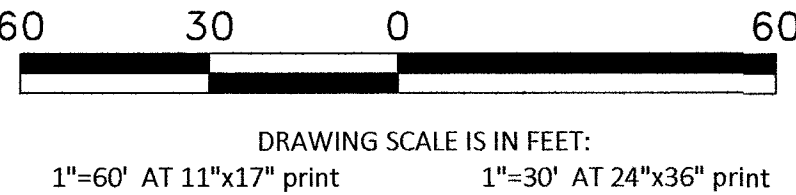
MP TO MP

SHEET 3 OF 16

DRAWING SCALE IS IN FEET:
(1"=60' AT 11"x17" print)
(1"=30' AT 24"x36" print)

FILE: LSV HUALAPAI LSV BACK HAUL
901005, 901006, 901008 _ REV
05-30-19

CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



CELL SITE: LSV HUALAPAI BACK HAUL
901005, 901006, 901008 _ REV
05-30-19

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL	
2" HDPE CONDUIT:	670'
2.5" HDPE CONDUIT:	-
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	1
4' x 5' x 4' HANDHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	182'
TRENCH:	340'
TOTAL NEW UG FOOTAGE:	340'
TOTAL FOOTAGE:	522'

MCI
COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV HUALAPAI BACK
HAUL 901005, 901006, 901008 _ REV
05-30-19

DATE: 5/30/2019

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 15 OF 16

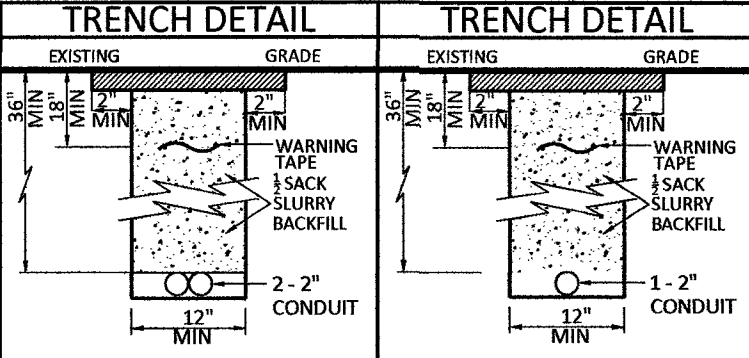
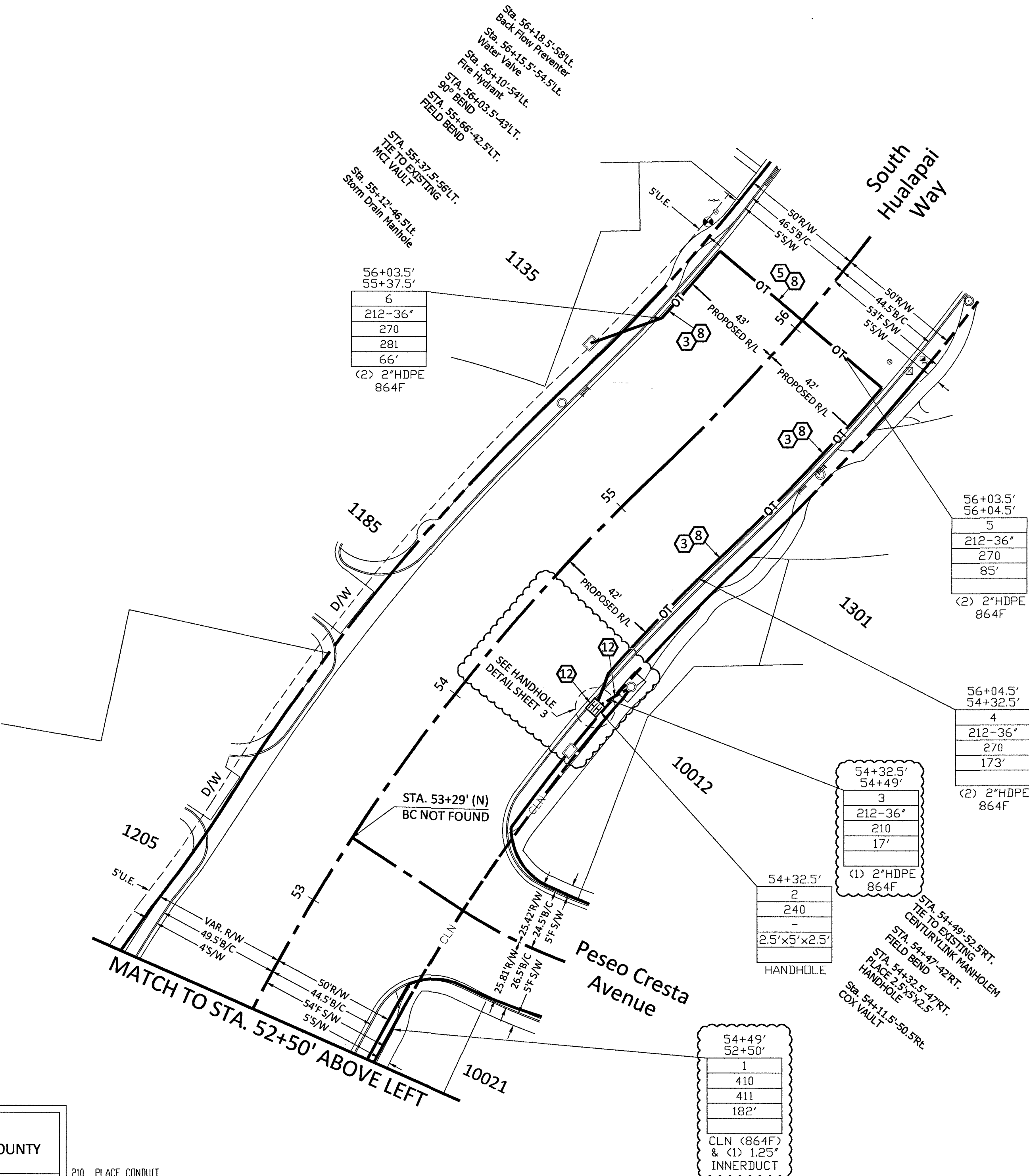
LSV HUALAPAI LSV BACK HAUL
FILE: 901005, 901006, 901008 _ REV
05-30-19

RTC NOTES:

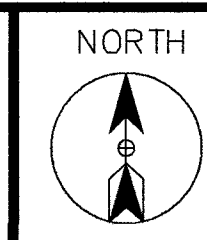
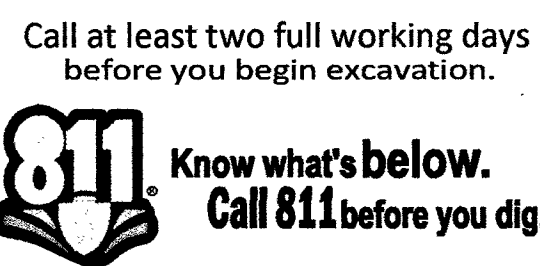
BACKFILL AND RIGHT OF WAY RESTORATION SHALL CONFORM TO CLARK COUNTY UNIFORM STANDARD DRAWINGS

(1)	500.1	0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
(2)	500.2	0 TO 5 YEARS PAVEMENT RESTORATION TRAVERSE CUT
(3)	500.3	OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, GREATER THAN 60' R.O.W
(4)	500.4	OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, 60' R.O.W OR LESS
(5)	500.5	OVER 5 YEARS PAVEMENT RESTORATION TRAVERSE ALL R.O.W WIDTHS
(6)	501	TYPICAL UNDERGROUND UTILITY LOCATIONS IN RESIDENTIAL STREETS 60' OR LESS R.O.W
(7)	501.1	TYPICAL UTILITY UNDERGROUND LOCATIONS IN STREETS WITH GREATER THAN 60' R.O.W
(8)	503	METHOD B FOR RIGID AND FLEXIBLE PIPE TRENCH BACKFILL - PAVED AREAS
(9)	503.1	METHOD A FOR FLEXIBLE PIPE TRENCH BACKFILL - PAVED AREAS
(10)	503.2	METHOD A FOR RIGID PIPE TRENCH BACKFILL - PAVED AREAS
(11)	234	SIDEWALK
(12)		BACKFILL IN UNPAVED AREA AS REQUIRED BY LOCAL CODE OR AS APPROVED BY AGENCY.

- 210 PLACE CONDUIT
212 PLACE HIGH DENSITY POLYETHYLENE (HDPE)
240 PLACE HANDHOLE
250 PLACE MANHOLE
270 REMOVE AND RESTORE ASPHALT
280 REMOVE AND RESTORE CONCRETE
281 REMOVE AND RESTORE SIDEWALK
282 REMOVE AND RESTORE CURBING
410 PULL CABLE
411 PULL THROUGH DUCT (INNERDUCT)
520 PLACE AERIAL CABLE
630 DIRECTIONAL BORE



ROUTE SCHEMATIC



CELL SITE: LSV HUALAPAI BACK HAUL
901005, 901006, 901008 _ REV
05-30-19

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

FIBER TOTALS

FIBER SIZE/LENGTH: 864F - 6,077'

COMMUNICATIONS SERVICES, INC.
TITLE: CELL SITE LSV HUALAPAI BACK HAUL
901005, 901006, 901008 _ REV
05-30-19
PROJECT TITLE

DATE: 5/30/2019
DRAWN BY: ADADKHAH

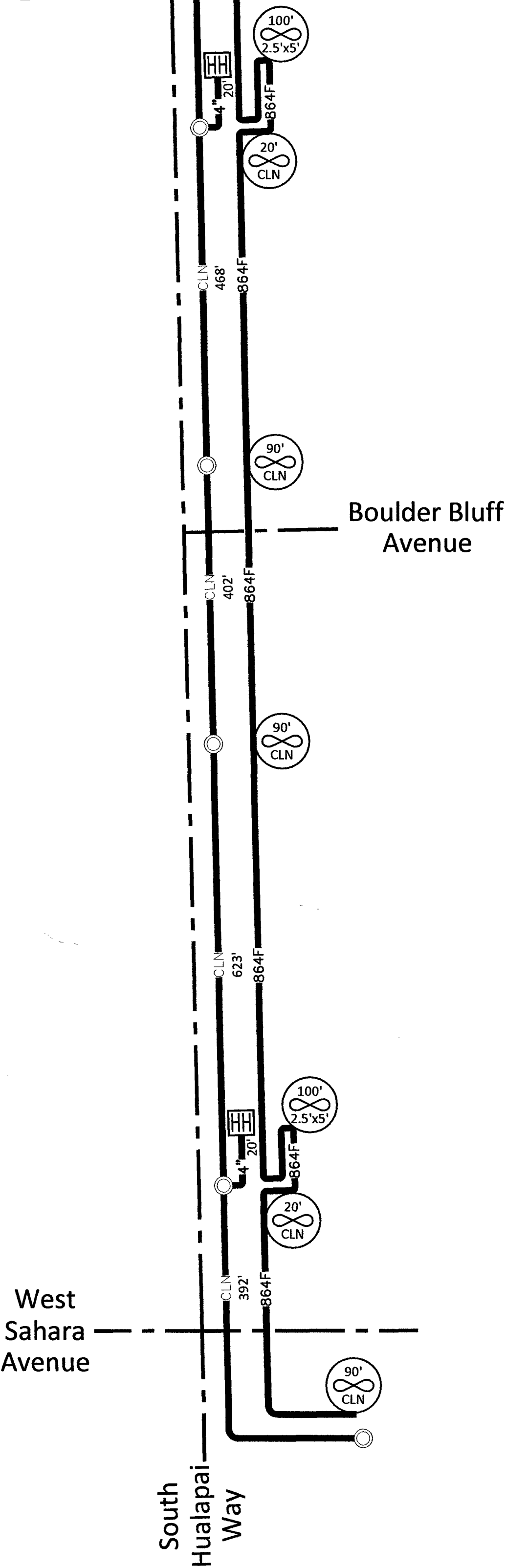
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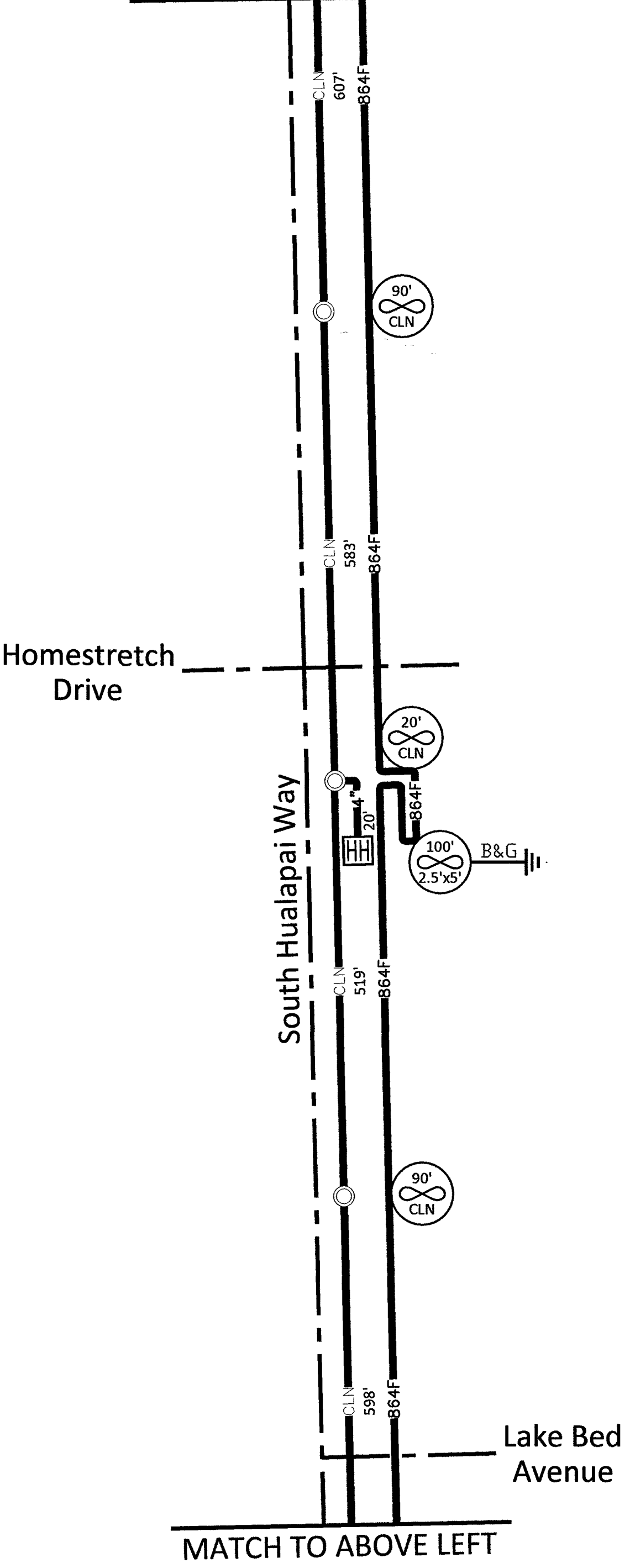
SCALE
HORIZONTAL: 1"=30'
VERTICAL: NA
MP TO MP
SHEET 16 OF 16
FILE: LSV HUALAPAI LSV BACK HAUL
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05-30-19

*PLACING INNERDUCT AT ALL CENTURYLINK CONDUITS

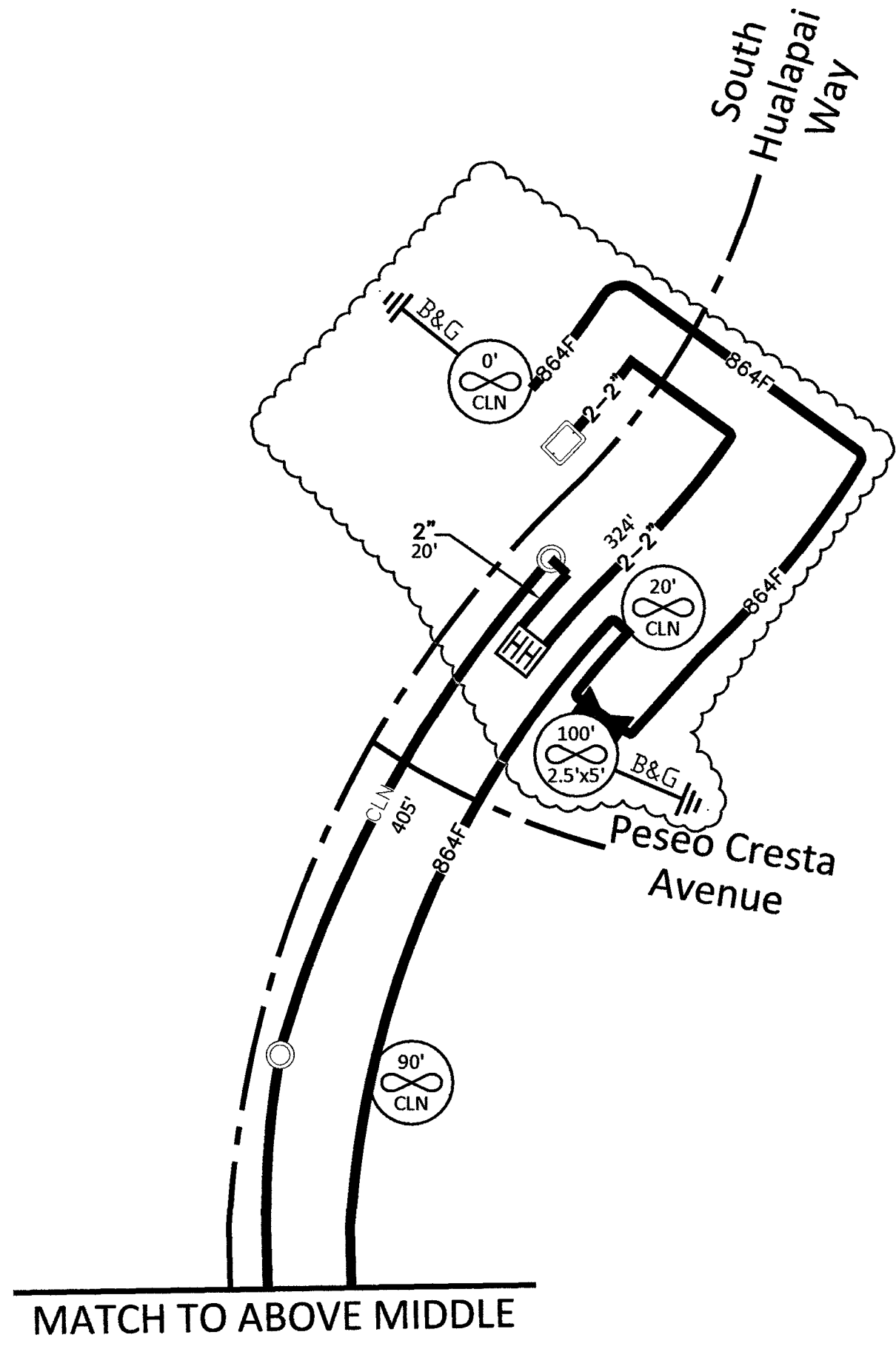
MATCH TO BELOW MIDDLE



MATCH TO BELOW RIGHT



MATCH TO ABOVE LEFT



SITE-SPAN NAME: CELL SITE: LSV Hualapai Back Haul 901005, 901006, 901008 _ REV 05-30-19							
SITE-SPAN ID: 1711BOPK.9							
SEGMENT	FIBER COUNT	TRENCH	BORE	DB/OT	3RD PARTY	VZ OWNED	AERIAL
901008	864F	-	-	-	3,002'	-	-
901006	864F	-	-	-	1,595'	-	-
901005	72F	340'	-	-	-	-	340'
901210	864F	20'	-	-	-	-	20'
901211	864F	20'	-	-	-	-	20'
901007	864F	20'	-	-	-	-	20'