



OUTSIDE PLANT CONSTRUCTION
FIBER OPTIC CABLE ROUTE

PROJECT/AFE #: 1708APXQ.102

WEST CINCINNATI AVENUE EAST TO FAIRFIELD AVENUE, SOUTH TO WEST SAHARA AVENUE

CITY OF LAS VEGAS, NEVADA

HUB: LSV GAYLORD - CELL SITE: LSV HYDRA
CONSTRUCTION DRAWING 8/13/2018

ENTITY OWNER: MCIMETRO ACCESS TRANSMISSION SERVICES CORP.
D/B/A VERIZON ACCESS TRANSMISSION SERVICE ("VERIZON")

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

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.

APPROVAL BY:  12 4 18
107V 7486-FIB DATE

CLV NOTE: PROTECT IN PLACE EXISTING
STORM DRAIN SYSTEM AND PROPOSED
INLETS.

JOB #: LSV HYDRA - CITY OF LAS VEGAS

MA/VERIZON ONE/FIBER/LAS VEGAS/LSV GAYLORD/LSV HYDRA/CONSTRUCTION DRAWINGS

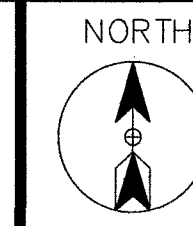
10/11/18

L18-02317

FQNID #:
FIB:BUR::56138780

INDEX SHEET

CITY OF LAS VEGAS, NEVADA



PROJECT: 903206,
903207, 903208

CELL SITE: LSV HYDRA

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
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MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV HYDRA

PROJECT TITLE

DATE: 8/13/2018

DRAWN BY: CMENDOZA

REVISIONS

DATE	INITIAL
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WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP _____ TO MP _____

SHEET 1 OF 10

FILE: LSV HYDRA - CITY OF
LAS VEGAS

M:\VERIZON ONEFIBER\LAS VEGAS\LSV GAYLORD\LSV HYDRA\CONSTRUCTION DRAWINGS

NOTES CONTINUED/CONTACT SHEET

GROUNDING NOTES

11.4 HANDHOLE/MANHOLE GROUNDING

All splice handholes/manholes will be grounded to conform with the MCI typical engineering drawing shown in Appendix A.

MCI-furnished materials:

- One 5/8-inch x 8-foot copper-clad steel ground rod equipped with a 15-foot #6 AWG pigtail
- One surge arrester handhole/One isolator/protector system with 30 foot harness for use on a straight splice, or
- One isolator/protector system with 30-foot harness system for use at splices with a spur cable.

11.5 AERIAL CABLE GROUNDING

Cable sheath to strand bonds and grounding as required by National Electrical Code and Power Company Codes are required at all riser locations of an aerial segment.

Bond cable sheath and suspension strand to multi-ground neutral (MGN) vertical grounding conductor if one exists; if not, use a driven ground rod or a non-insulated guy.

A guy may also require grounding. This is determined by establishing the exposure status (exposed or unexposed) of the guy.

All exposed guys must be either grounded or insulated. A guy is exposed if:

- It is attached to the same pole as open power conductors or spacer cable of any voltage.
- It crosses such power conductors.
- It is within ten feet horizontally (and any distance vertically) of such power conductors.

Grounding is the preferred treatment for exposed guys, except for the following cases in which they must be insulated:

- The MCI guy fastened to the pole in power company working space and a grounded guy would offer an additional hazard to power company linemen.
- Within 1/2-mile of a power station.
- Where electrolytic corrosion of anchors has occurred (unexposed guys, in this case must be separated from the cable strand at the pole, and electrical connection through hardware must be avoided).

Adequate grounding for MCI guys may be obtained through connection to any of the following:

- Vertical grounding conductor of power system multi-ground neutral (with permission of the power company).
- Suspension strand of grounded MCI cable.
- Common anchor rod with a power guy that is connected to the multi-grounded neutral.

Unexposed guys need not be grounded for protection reasons; however, connecting anchor guys to a grounded MCI strand is recommended, as it will lower the cable-to-ground impedance. This helps to reduce cable damage caused by lightning.

MCI metro Access Transmission Services Corp
d/b/a Verizon Access Transmission Service (Verizon)

OUTSIDE PLANT ENGINEERING:

PROJECT ENGINEER: CORY VANDENBOS
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
TSD MANAGER: N/A

ENGINEERING CONTRACTOR

NAME OF FIRM: BPG DESIGNS 1-602-954-2223
PROJECT MANAGER: CORY VANDENBOS 1-602-739-8813
ENG. PROJECT SUPERVISOR:

CONSTRUCTION CONTRACTOR

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

CITY GOVERNMENT

BUREAU OF ENGINEERING:

CITY ENGINEER:

UTILITIES

WORLD COM UTILITY LOCATE 1-800-624-9675
USA NORTH BLUESTAKE 811

PROJECT TOTALS SUMMARY

MATERIALS

2" HDPE CONDUIT(S): 468'
4" HDPE CONDUIT(S): -
2' x 3' x 2' HANDHOLE(S): 2
2.5' x 5' x 2.5' HANDHOLE(S): -
4' x 4' x 4' HANDHOLE(S): -
MANHOLES: -

WORK TYPE

AERIAL: -
VZW CONDUIT: -
3RD PARTY CONDUIT: 616'
TRENCH: 252'
ASPHALT CUT: -
BORE: -

TOTAL NEW UG FOOTAGE: 252'
TOTAL FOOTAGE: 868'



PROJECT: 903206,
903207, 903208
CELL SITE: LSV HYDRA
CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

MCI COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION
TITLE: CELL SITE: LSV HYDRA
PROJECT TITLE

DATE: 8/13/2018

DRAWN BY: CMENDOZA

REVISIONS

DATE	INITIAL

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 3 OF 10

LSV HYDRA - CITY OF
FILE: LAS VEGAS

0 10 20 30 40 50
DRAWING SCALE IS IN FEET:
(1"=60' AT 11"x17" print)
(1"=30' AT 24"x36" print)

SYMBOLS KEY

	EXISTING/PROPOSED
BURIED CABLE	_____
AERIAL CABLE	_____ A _____
SUBMARINE CABLE	_____ SUBM _____
FOGWIRE CABLE	_____ FOGW _____
DIRECT BURIED HDPE	_____ H _____
PVC OR SPLIT PVC CONDUIT	=====
BSP/GSP OR SPLIT BSP/GSP CONDUIT	=====
STEEL CASING	=====
REMOVE AND RESTORE ASPHALT OR CONCRETE (WIDTH AS INDICATED)	
CORE BORE	_____
JACK AND BORE	_____
DIRECTIONAL BORE	_____ DB _____
OPEN TRENCH	----- OT -----
FUTURE CABLE	_____
REMOVE CABLE	_____ R _____
TO BE REMOVED OR ABANDONED (SHOWN FOR HDPE)	_____ X H _____
AERIAL UTILITY (ELECTRIC)	_____
UNDERGROUND UTILITY (TELEPHONE)	-----
MAIN TRACKS	_____ _____ _____
AUXILIARY TRACKS	_____ _____ _____
CENTERLINE	_____ - - - - - _____
RIGHT-OF-WAY	=====
DITCH LINE	_____ D/L _____
CITY, COUNTY OR STATE BOUNDARY LINE	_____ - - - - - _____
PROPERTY LINE	_____
BLOCKWALL	=====
FENCE LINE	_____ x x x x x x x x x _____
GUARDRAIL	_____ I _____ I _____
TOP OF SLOPE	_____ V V V V V V V V V _____
TOE OF SLOPE	_____ ^ ^ ^ ^ ^ ^ ^ ^ ^ _____

STEEL MARKER AND SIGN-(A)
ALUMINUM "HUB"-STYLE MARKER-(B)
FLAT MARKER-(C)
TUBULAR MARKER-(D)
TUBULAR MARKER, & ISOLATOR PROTECTOR-(E)

MILE POST MARKER
NOTE:
DASHED = NOT FOUND IN FIELD

PERMIT TRACKING FORM IDENTIFIER

UTILITY COVER DEPTH

HANDHOLE, VAULT OR PULLBOX

STREET LIGHT

WOOD POLE & STEEL POLE

ANCHOR ONLY

GUY ONLY

OVERHEAD GUY (ARROW IN DIRECTION OF PULL)

ANCHOR AND GUY

SIDEWALK ANCHOR AND GUY

FOREIGN ANCHOR AND GUY

PUSH BRACE (EXISTING POLE)

ACCOUNT CODE CHANGE (BURIED TO AERIAL)

RISER POLE

BOND AND GROUND

CULVERT (SIZE AS INDICATED)

BRIDGE

METER

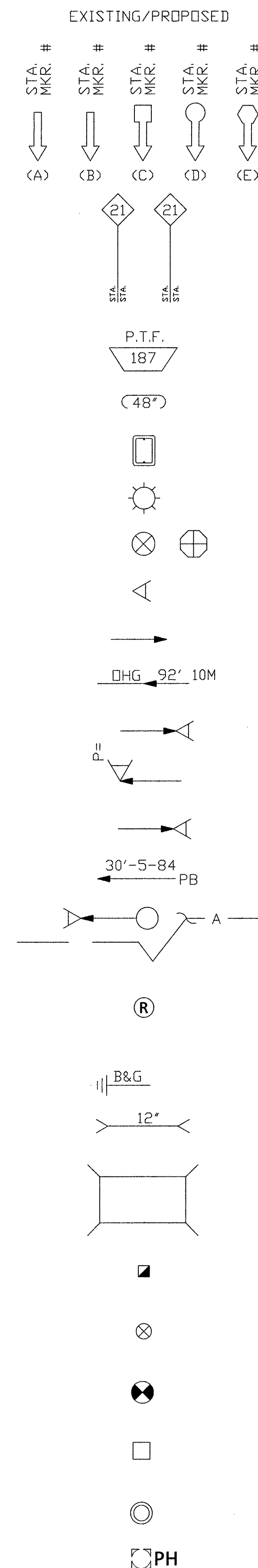
VALVE

FIRE HYDRANT

RAILROAD SIGNAL CONTROL BOX

MANHOLE

POTHOLE



PROJECT: 903206,
903207, 903208

CELL SITE: LSV HYDRA

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
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[illegible]

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

PROJECT TITLE

DATE: 8/13/2018

DRAWN BY: CMENDOZA

REVISIONS

[illegible]

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SCALE

HORIZONTAL: 1"=30'

VERTICAL:	NA
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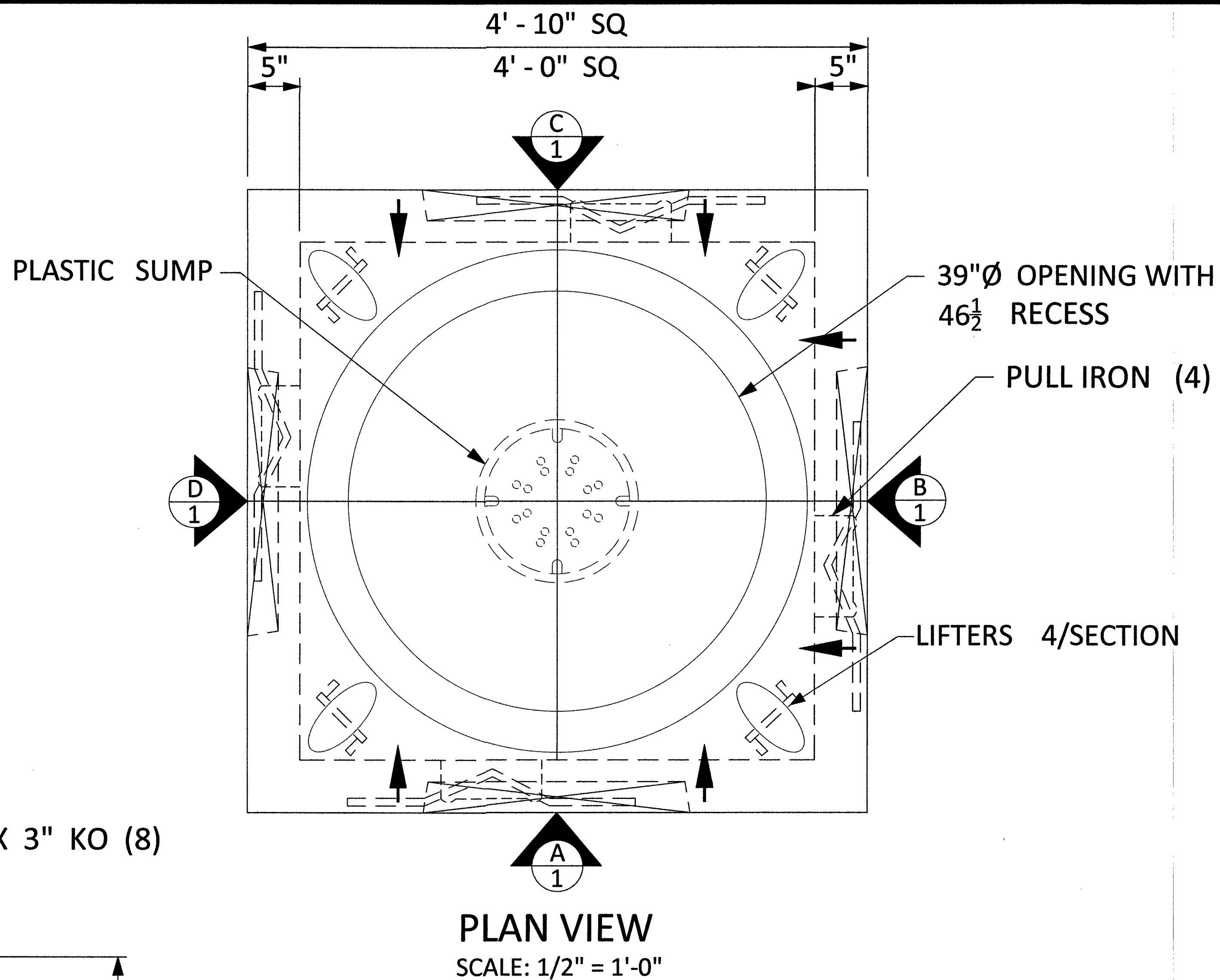
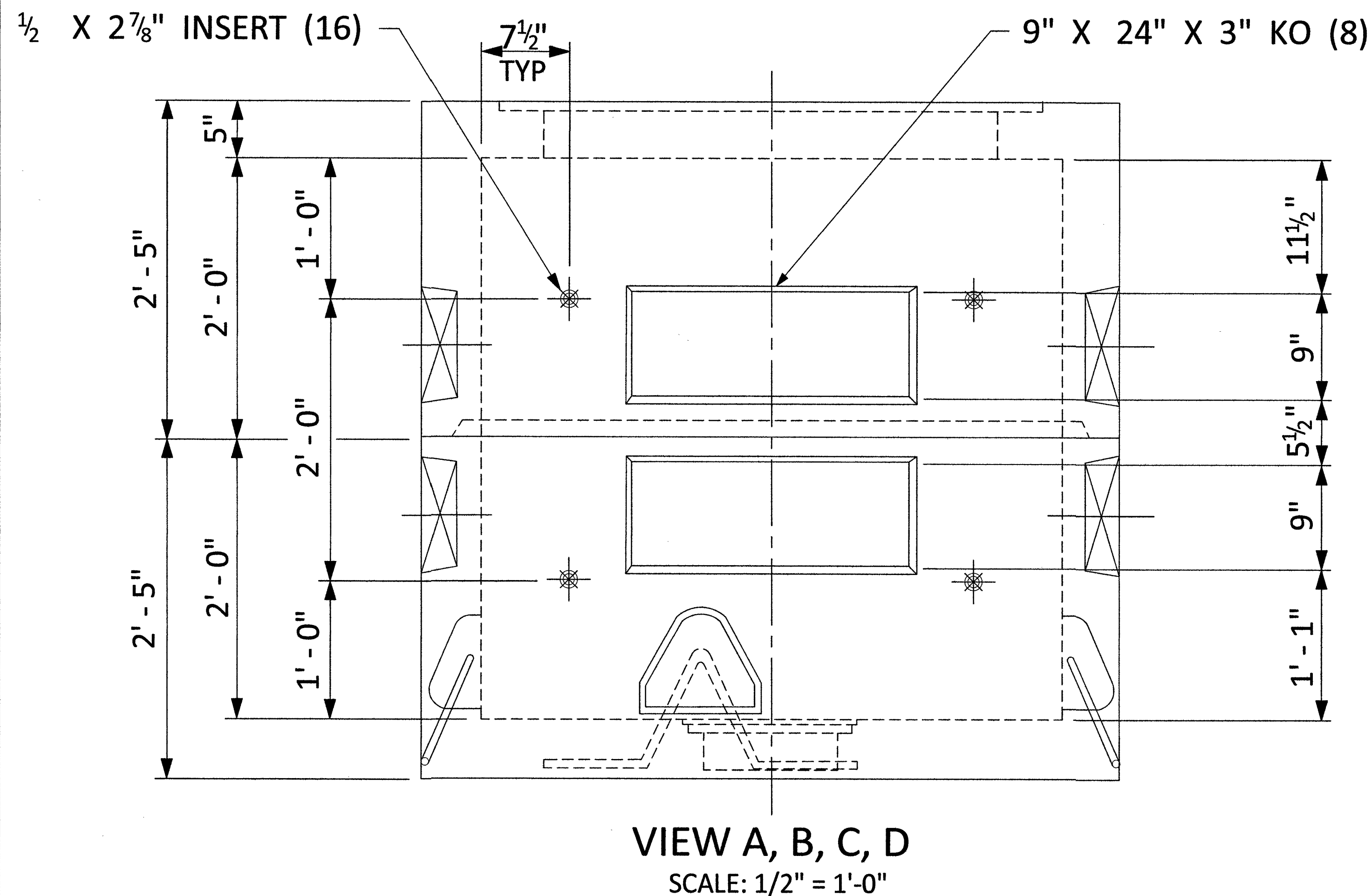
MP _____ TO MP _____

SHEET 4 OF 10

FILE: LSV HYDRA - CITY OF
LAS VEGAS

GENERAL NOTES:

1. CONCRETE: 28 DAY COMPRESSIVE STRENGTH F'C = 5,000 PSI
2. STEEL REINFORCEMENT: ASTM A-615, GRADE 60
3. COVER TO STEEL - 1" MINIMUM
4. DESIGNED TO MEET ACI 318 FOR:
HS20 LIVE LOAD
45 PCF SOIL EFP
0'-0" SOIL COVER
WATER TABLE 3'-0" BELOW GRADE
5. JOINT SEALANT: CONSEAL BUTYL SEALANT ASTM C-990-91
6. WEIGHT:
TOP - 3,100 LBS
BOTTOM - 3,650 LBS



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NOTE: PRODUCTION WILL NOT COMMENCE UNTIL RECEIPT OF SIGNED APPROVED SHOP DRAWINGS.

Oldcastle Precast
747 ALLENRIDGE POINT, LEXINGTON, KY 40510
PHONE: 859-259-1484 FAX: 859-233-9351

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4'x4'x4' TYPE "S" KNOCKOUT



PROJECT: 903206,
903207, 903208

CELL SITE: LSV HYDRA

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

OUTSIDE PLANT CONSTRUCTION
TITLE: CELL SITE: LSV HYDRA

PROJECT TITLE

DATE: 8/13/2018

DRAWN BY: CMENDOZA

REVISIONS

DATE INITIAL

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 5 OF 10

FILE: LSV HYDRA - CITY OF LAS VEGAS

MAVERICK ONE FIBER LAS VEGAS (LSV HYDRA) CONSTRUCTION DRAWINGS

CELL SITE: LSV HYDRA

CLARIFICATION NO.	QUANTITY
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MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV HYDRA

PROJECT TITLE

DRAWN BY: CMENDOZA

DATE	INITIAL
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SCALE

VERTICAL: NA

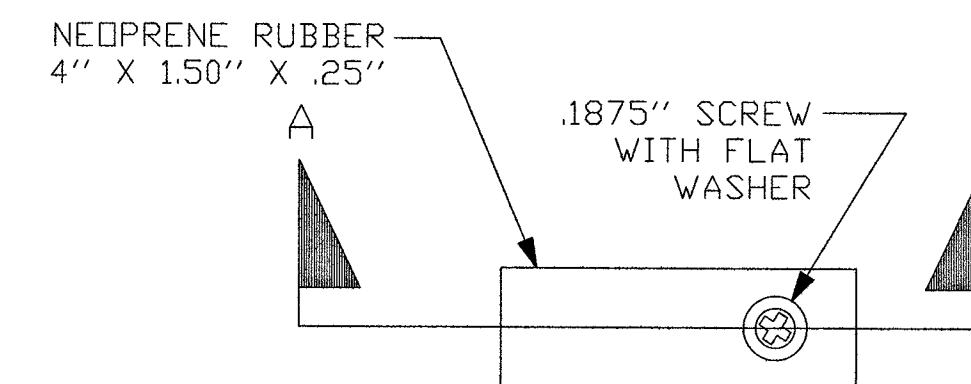
SHEET 6 OF 10

FILE: LSV HYDRA - CITY OF
LAS VEGAS

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DETAIL "A-2"

ENGAGED LOCK
DOWN DEVICE

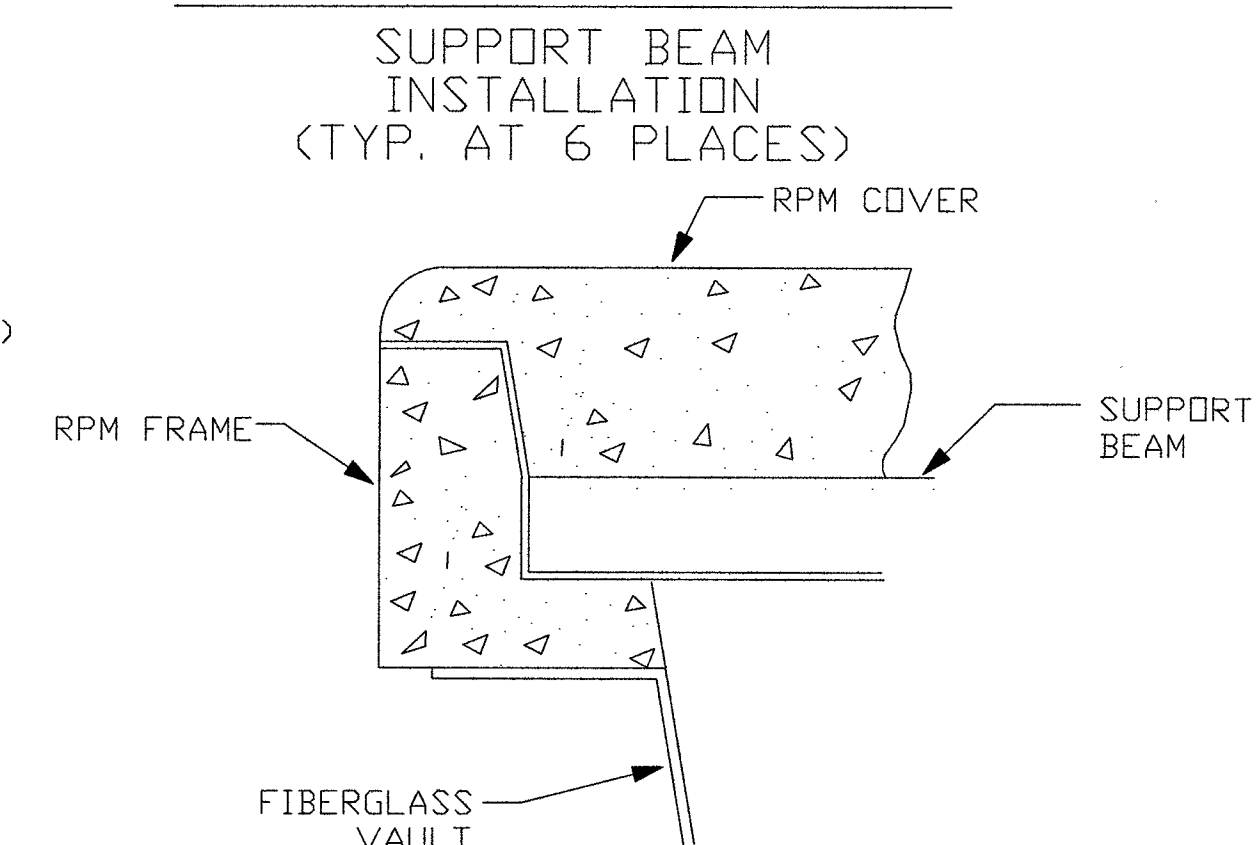


NEOPRENE COVER

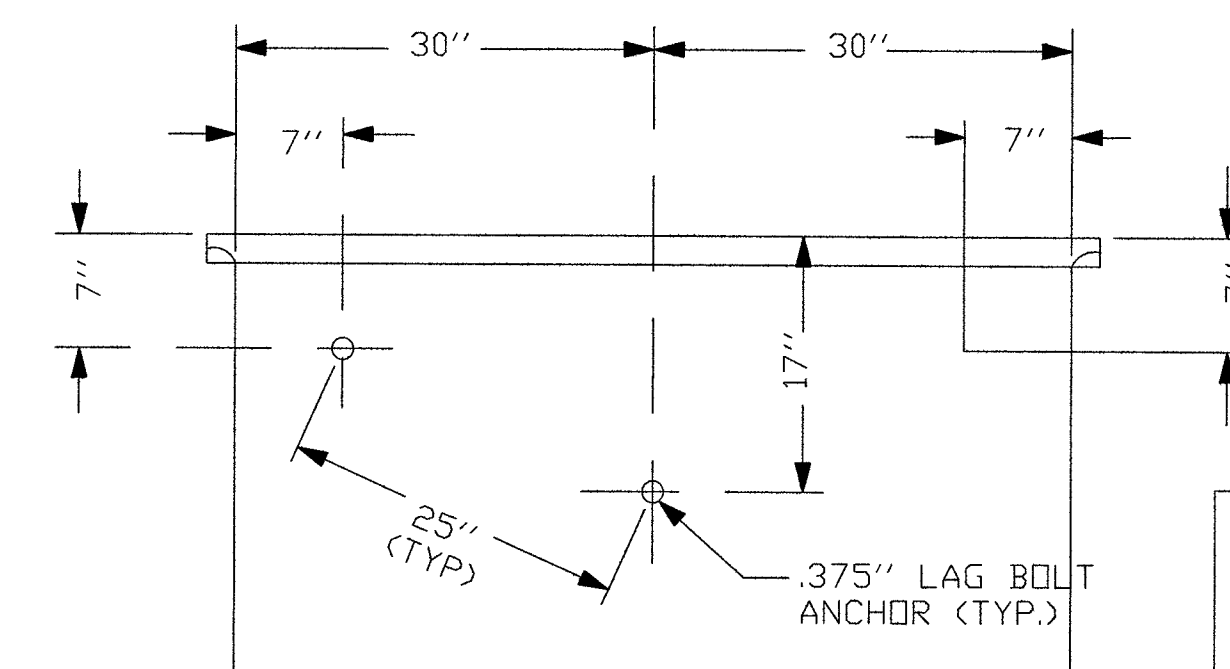
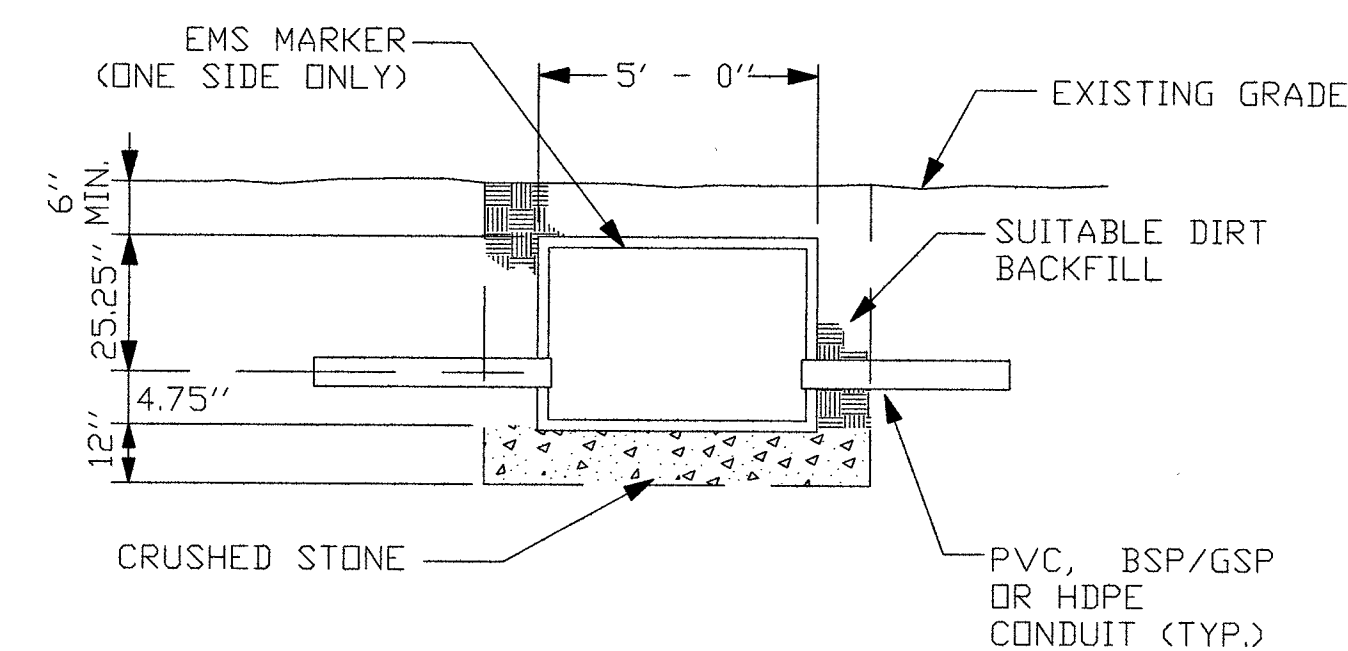
.50" STAINLESS STEEL
ACME THD. BOLT &
CAPTURE NUT W/
STAINLESS END CAP
(SELF CLEANING)

P1000 UNISTRUT

DETAIL "A-4"



PLAN



NOTE:
LINEAR DISTANCE BETWEEN
LAG BOLT ANCHORS MUST
BE 25".

1. VOID IN EXCAVATED AREAS TO BE BACKFILLED WITH SELECT MATERIAL.
2. BOTTOM OF EXCAVATED PIT TO BE BACKFILLED WITH 12" OF CRUSHED STONE (<.75" GRADE).
3. SHORING WILL BE REQUIRED.
4. ALL HANDHOLES SHALL BE PLACED BELOW EXISTING GRADE.
5. THIS HANDHOLE IS OF FIBERGLASS MATERIAL, APPROXIMATELY POUNDS IN WEIGHT. THE LIDS ARE POLYMER CONCRETE MATERIAL, EACH APPROXIMATELY POUNDS.



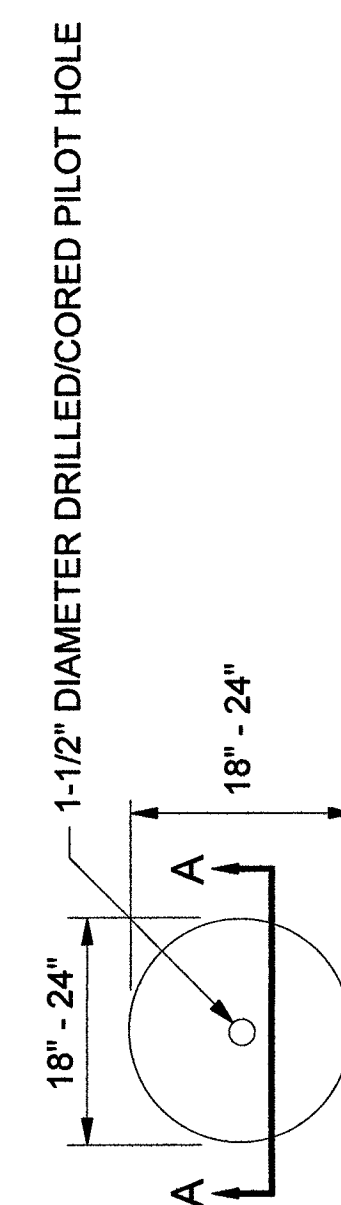
 13230 Saticoy Street,
North Hollywood, CA 91605
(818) 982-3600
ARMORCAST® PRODUCTS COMPANY

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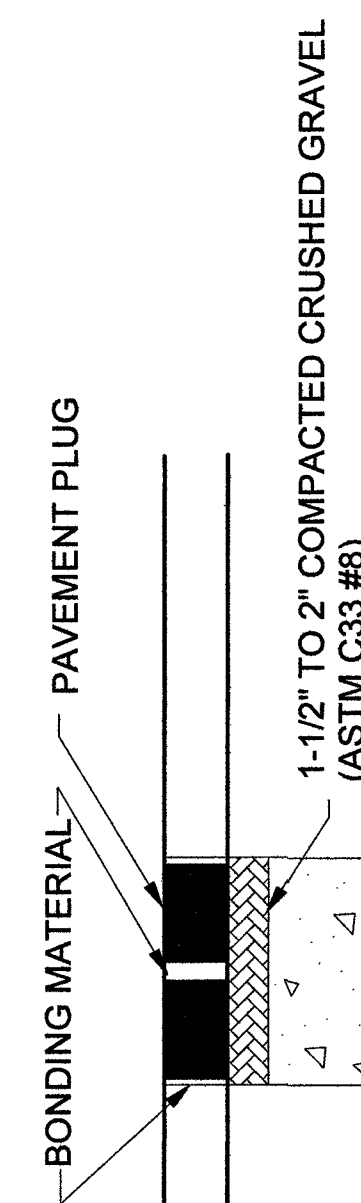
PART DESCRIPTION			
24" X 36" X 24" POLYMER CONCRETE BOX ASSEMBLY			
CUSTOMER			
VERIZON			
DRAWN GL	DATE 6/17	SCALE NONE	MAX. LOAD TIER 15
APPROV. WS	6/17	MATERIAL POLYMER CONCRETE	DRAWING NUMBER A6001974TAPMCI3

NOTES:

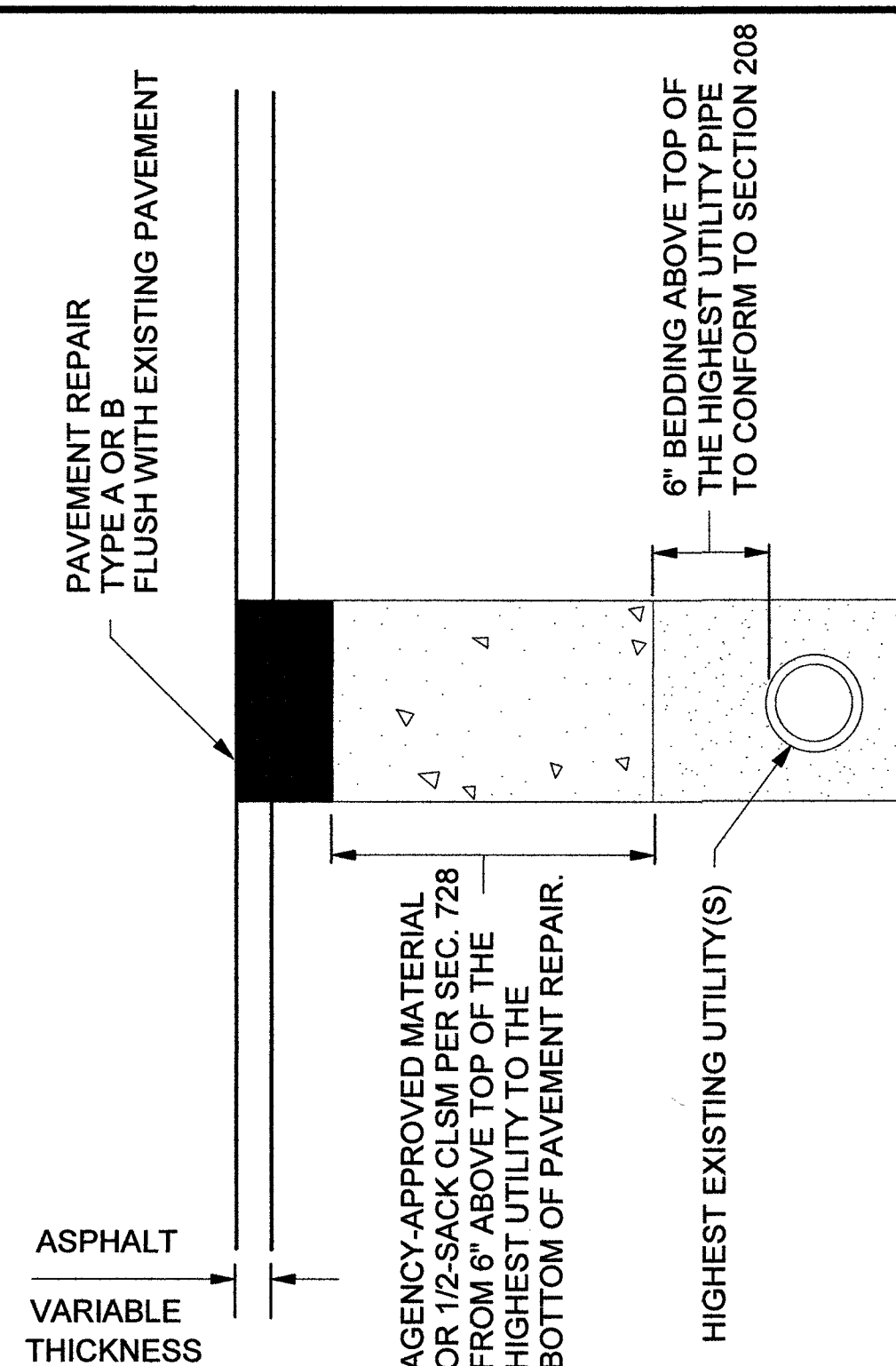
1. CUT AND REMOVE PAVEMENT PLUG WITH AN APPROVED KEYHOLE CORING DEVICE. PAVEMENT TO BE CORED SHALL CONTAIN NO CRACKS AND SHALL BE AT LEAST 4" THICK. IF PLUG IS DAMAGED OR IS LESS THAN 4" THICK, REPLACE PLUG WITH A "FARMED" ASPHALT PLUG FROM AN APPROVED SITE. FARMED PLUGS SHALL BE AT LEAST 4" THICK AND AT LEAST ONE INCH THICKER THAN EXISTING ASPHALT.
2. BONDING MATERIAL SHALL BE A SINGLE COMPONENT CEMENTITIOUS RAPID HARDENING, HIGH STRENGTH, WATERPROOF BONDING AGENT THAT ALLOWS THE CORE TO SUPPORT AT LEAST THREE TIMES ASHTO H-25 LOADING WITHIN 30 MINUTES OF APPLICATION. BOND AGENT MUST SHOW A MINIMUM 20 PSI BOND STRENGTH (ASTM C682) AND A MINIMUM 200 PSI COMPRESSIVE STRENGTH (ASTM C109) IN 30 MINUTES.
3. AGENCY-APPROVED BACKFILL BELOW REPAIR SHALL BE PER SECTION 215.
4. FILL KEYHOLE WITH BONDING MATERIAL DURING REPAIR.
5. PRIOR AGENCY APPROVAL IS REQUIRED FOR MULTIPLE KEYHOLE REPAIRS WITHIN A GIVEN ROADWAY SEGMENT.
6. A 5 YEAR WARRANTY IS REQUIRED ON ALL REPAIRS.



POTHOLE PLAN VIEW
(NOMINAL DIMENSIONS)



POTHOLE PROFILE

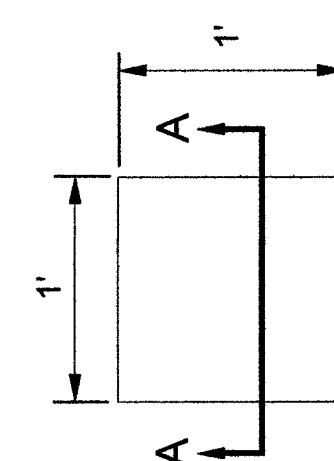


SECTION A-A

TYPE A - CUT & PATCH REPAIR
OPTIONAL FOR ROW WIDTH 60' OR LESS

**NOTE: EDGES SHALL BE CUT TO
A NEAT VERTICAL FACE.**

POTHOLE PLAN VIEW
(NOMINAL DIMENSIONS)



— TACK EDGES

POTHOLE
PROFILE

AGENCY APPROVED ASPHALT
CONCRETE PLACED IN 2" LIFTS.
6" MIN. THICKNESS OR
MATCH EXISTING.

AGENCY APPROVED	B	C	H	L	M	N
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UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

UTILITY POTHOLE REPAIR

DATE 01-01-12	DWG. NO. 506
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PROJECT: 903206,
903207, 903208

CELL SITE: LSV HYDRA

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY	DESCRIPTION	UNIT	AMOUNT	REMARKS
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63	1	...	...	...	...
64	1	...	...	...	...
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68	1	...	...	...	...
69	1	...	...	...	...
70	1	...	...	...	...
71	1	...	...	...	...
72	1	...	...	...	...
73	1	...	...	...	...
74	1	...	...	...	...
75	1	...	...	...	...
76	1	...	...	...	...
77	1	...	...	...	...
78	1	...	...	...	...
79	1	...	...	...	...
80	1	...	...	...	...
81	1	...	...	...	...
82	1	...	...	...	...
83	1	...	...	...	...
84	1	...	...	...	...
85	1	...	...	...	...
86	1	...	...	...	...
87	1	...	...	...	...
88	1	...	...		

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV HYDRA

PROJECT TITLE

DATE: 8/13/2018

DRAWN BY: CMENDOZA

REVISIONS

[illegible]

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'

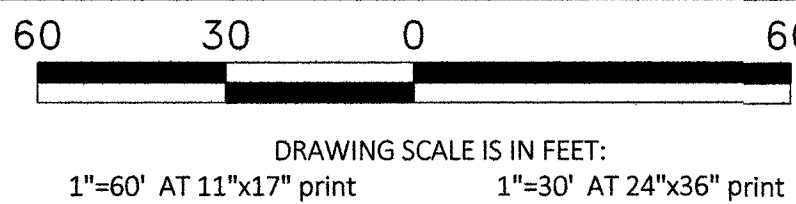
VERTICAL: NA

MP	TO MP
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SHEET 7 OF 10

FILE: LSV HYDRA - CITY O
LAS VEGAS

CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



Call at least two full working days
before you begin excavation.



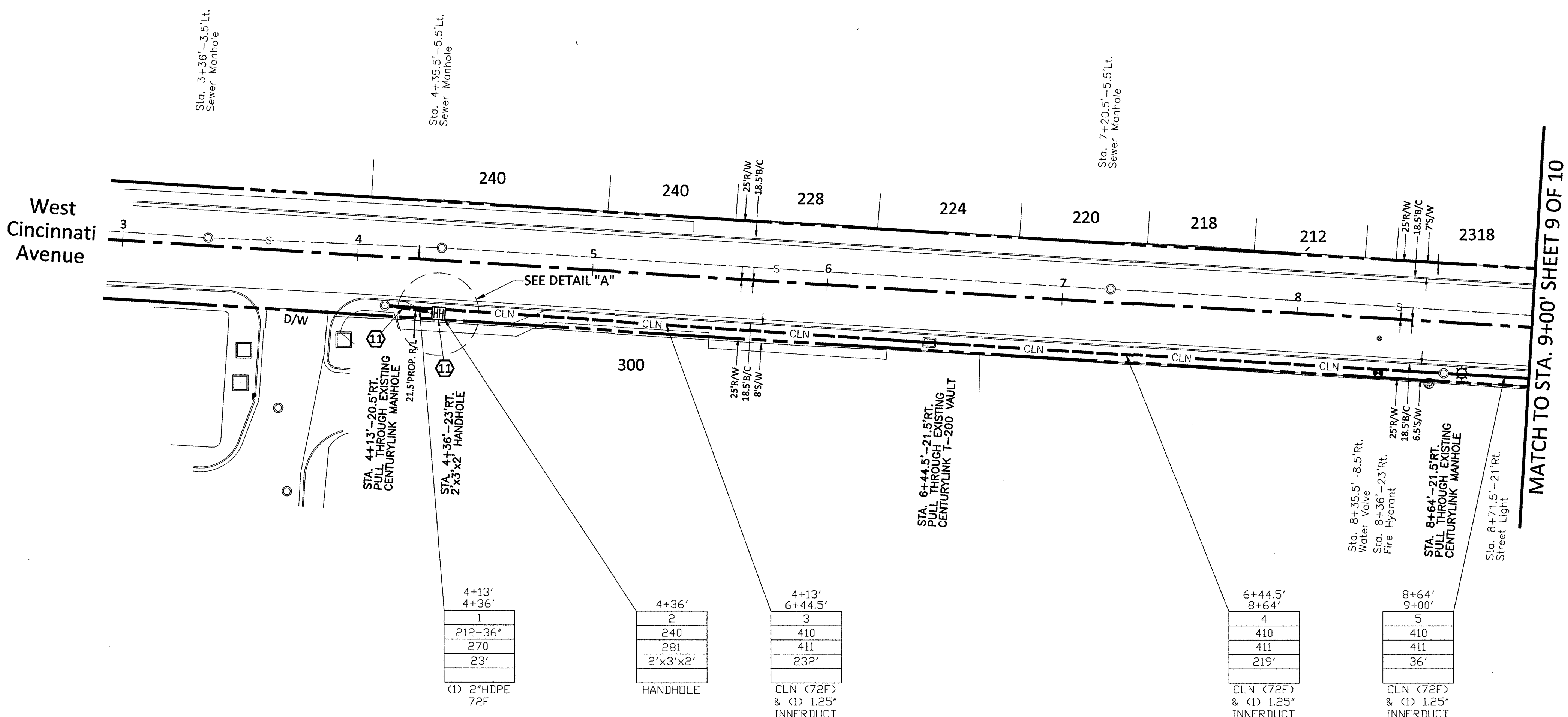
PROJECT: 903206, 903207,
903208

CELL SITE: LSV HYDRA

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL	
2" HDPE CONDUIT:	29'
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	1
2.5' x 5' x 2.5' HANDHOLE(S):	-
4' x 5' x 4' HANDHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	487'
TRENCH:	23'
TOTAL NEW UG FOOTAGE:	23'
TOTAL FOOTAGE:	510'



MATCH TO STA. 9+00' SHEET 9 OF 10

MCI
COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION
TITLE: CELL SITE: LSV HYDRA

DATE: 8/13/2018

DRAWN BY: CMENDOZA

REVISIONS

DATE	INITIAL

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SCALE

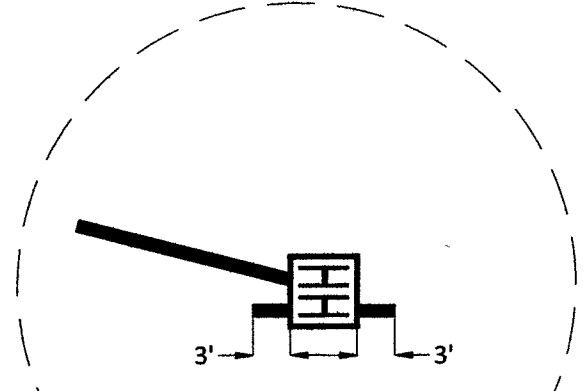
HORIZONTAL: 1"=30'

VERTICAL: NA

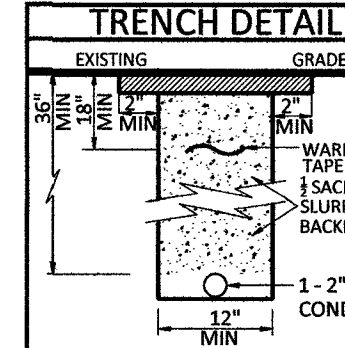
MP TO MP

SHEET 8 OF 10

FILE: LSV HYDRA - CITY OF
LAS VEGAS



DETAIL "A"
N.T.S.

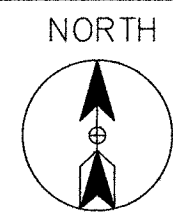
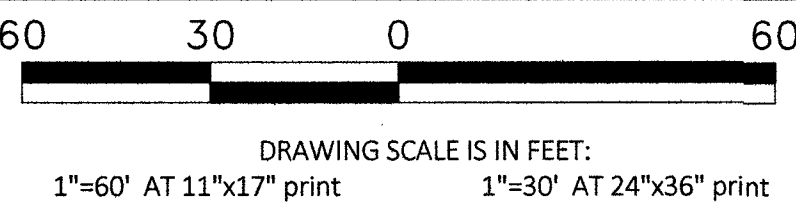


RTC NOTES:	
BACKFILL AND RIGHT OF WAY RESTORATION SHALL CONFORM TO CLARK COUNTY UNIFORM STANDARD DRAWINGS	
(1) 500.1	0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
(2) 500.2	0 TO 5 YEARS PAVEMENT RESTORATION TRAVERSE CUT
(3) 500.3	OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, GREATER THAN 60' 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.

NOTE TO CONTRACTOR:
CONTRACTOR TO POTHOLE AND LOCATE ALL
UTILITIES PRIOR TO STARTING CONSTRUCTION.
CONTRACTOR TO PLACE LOCATE WIRE AND
MULE TAPE IN ALL CONDUIT PLACED
CONTRACTOR TO PLACE CONDUIT IN
APPROXIMATE LOCATION SHOWN ON PLAN
& PROVIDE AS-BUILTS WITH SPECIFIC TIE
LOCATION

- 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

CONSTRUCTION DRAWING CITY OF LAS VEGAS, NEVADA



Call at least two full working days before you begin excavation.



Know what's below.
Call 811 before you dig.

PROJECT: 903206, 903207, 903208

CELL SITE: LSV HYDRA

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL	
2" HDPE CONDUIT:	464'
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	1
2.5' x 5' x 2.5' HANDHOLE(S):	-
4' x 5' x 4' HANDHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	129'
TRENCH:	229'
TOTAL NEW UG FOOTAGE:	229'
TOTAL FOOTAGE:	358'

MCI
COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION
TITLE: CELL SITE: LSV HYDRA

DATE: 8/13/2018

DRAWN BY: CMENDOZA

REVISIONS

DATE	INITIAL

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 9 OF 10

FILE: LSV HYDRA - CITY OF LAS VEGAS

- 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

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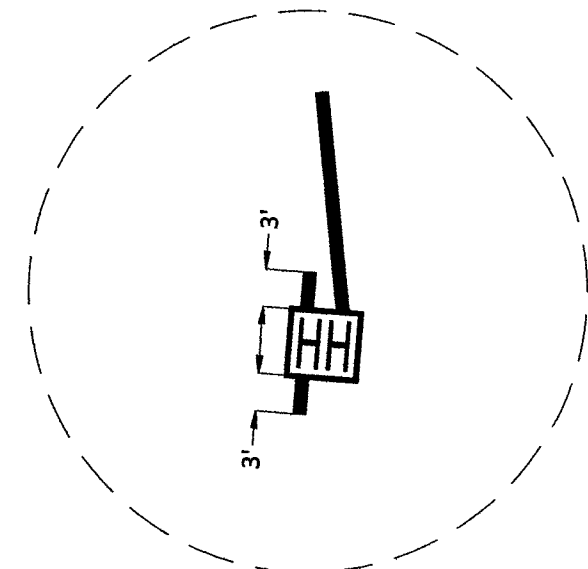
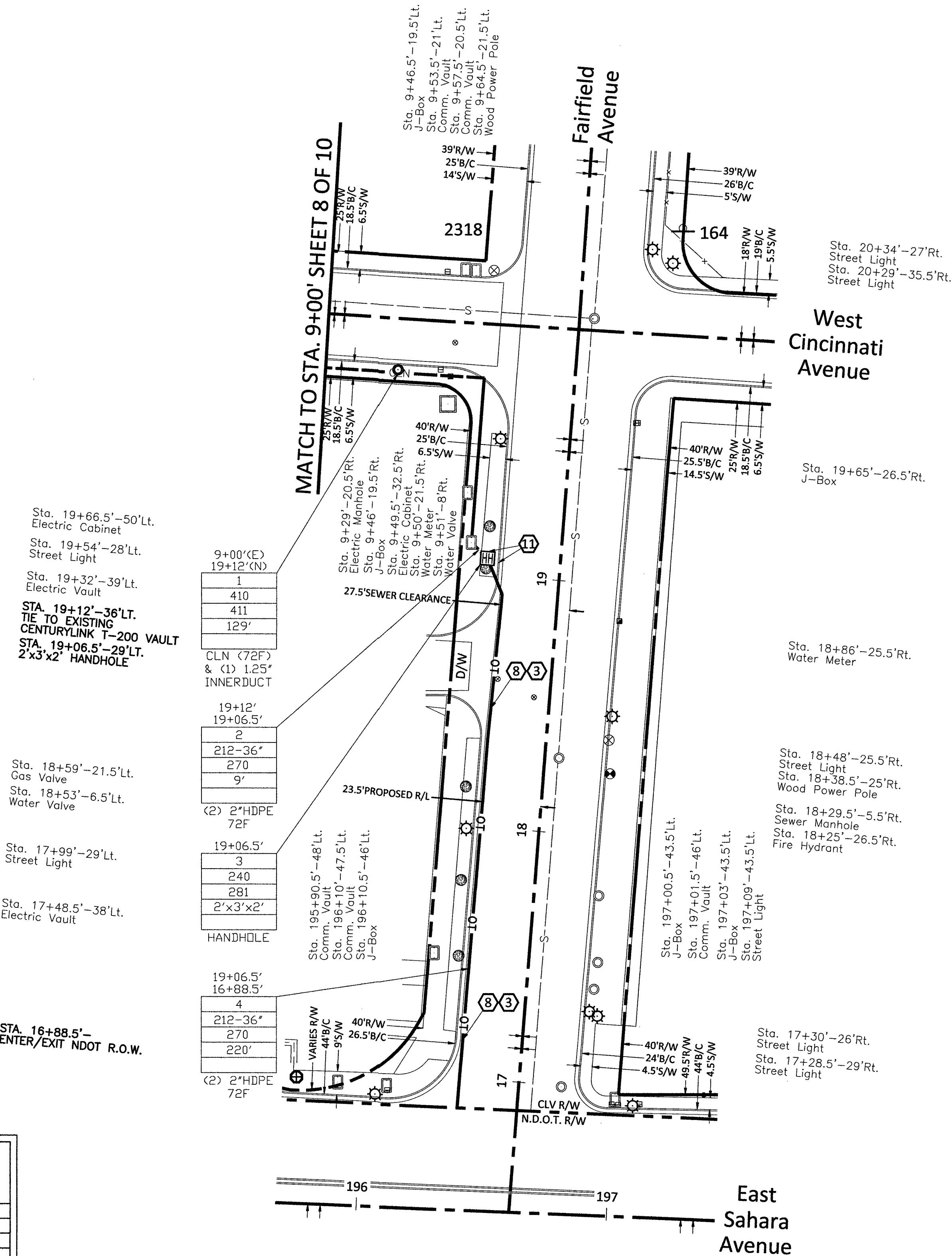
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CONTRACTOR TO PLACE CONDUIT IN APPROXIMATE LOCATION SHOWN ON PLAN & PROVIDE AS-BUILTS WITH SPECIFIC TIE LOCATION

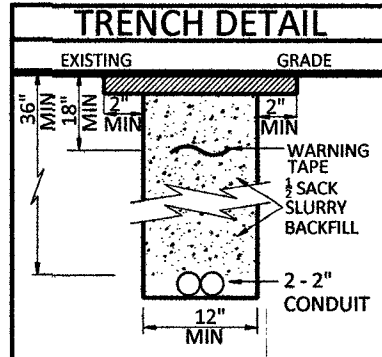
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- (2) 500.2 0 TO 5 YEARS PAVEMENT RESTORATION TRAVERSE CUT
- (3) 500.3 OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, GREATER THAN 60' R.O.W
- (4) 500.4 OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, 60' R.O.W OR LESS
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- (12) BACKFILL IN UNPAVED AREA AS REQUIRED BY LOCAL CODE OR AS APPROVED BY AGENCY.

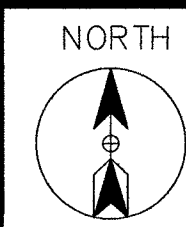


DETAIL "A"
N.T.S.



ROUTE SCHEMATIC

Call at least two full working days
before you begin excavation.
811 Know what's below.
Call 811 before you dig.



PROJECT: 903206,
903207, 903208
CELL SITE: LSV HYDRA
CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

FIBER TOTALS

FIBER SIZE/LENGTH: 72/1,394'

MCI
COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION
TITLE: CELL SITE: LSV HYDRA
PROJECT TITLE

DATE: 8/13/2018
DRAWN BY: CMENDOZA

REVISIONS

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SCALE

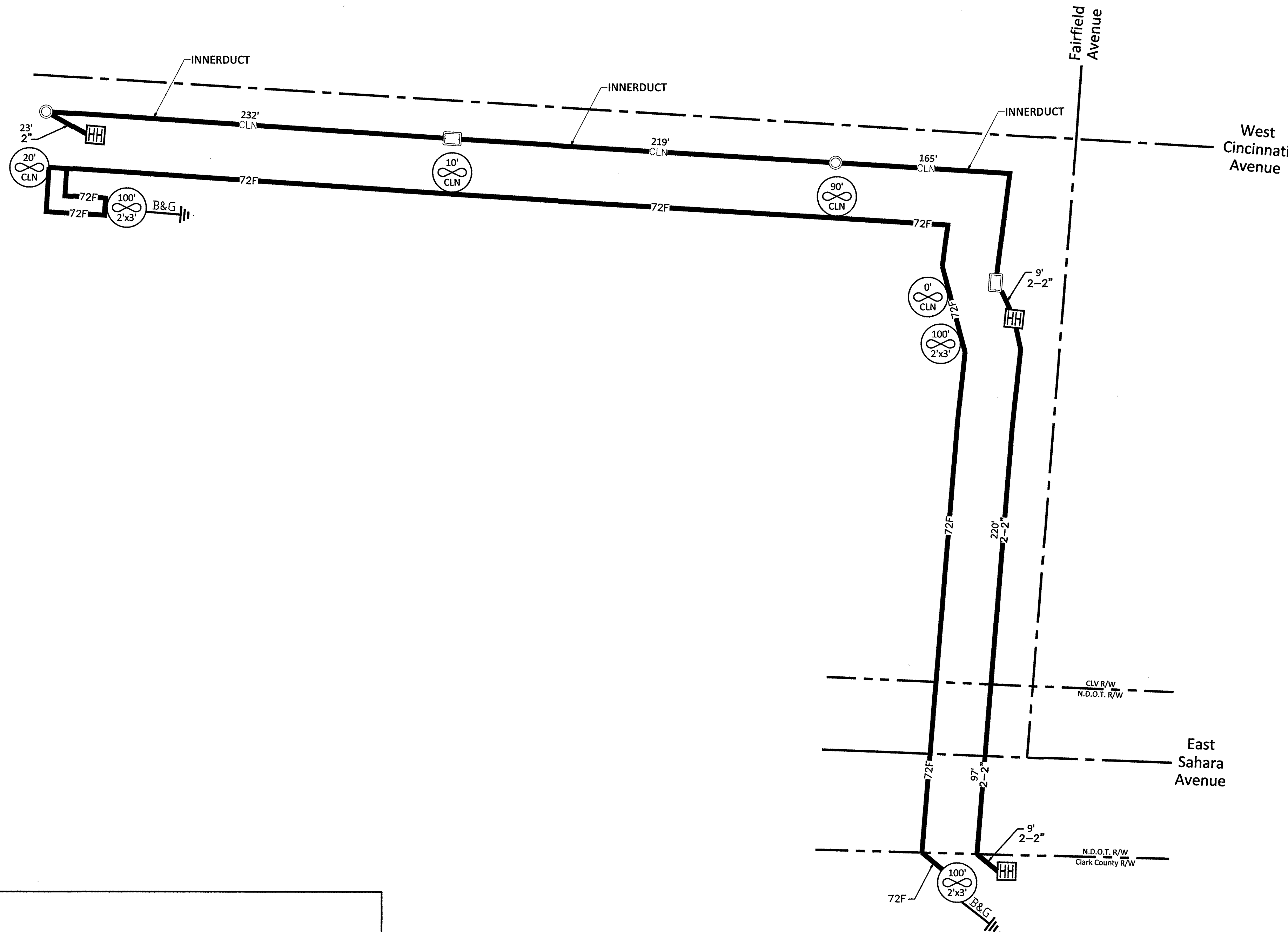
HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 10 OF 10

FILE: LSV HYDRA - CITY OF
LAS VEGAS



SITE-SPAN NAME: CELL SITE: LSV HYDRA									
SITE-SPAN ID: 1708APXQ.102									
FQID	SEGMENT	FIBER COUNT	TRENCH	BORE	DB/OT	3RD PARTY	VZ OWNED	AERIAL	TOTAL
FIB: BUR::56138780	903208	72F	23'	'	'	'	'	'	23'
FIB: BUR::56138780	903207	72F	'	'	'	616'	'	'	616'
FIB: BUR::56138780	903206	72F	229'	97'	'	'	'	'	326'