

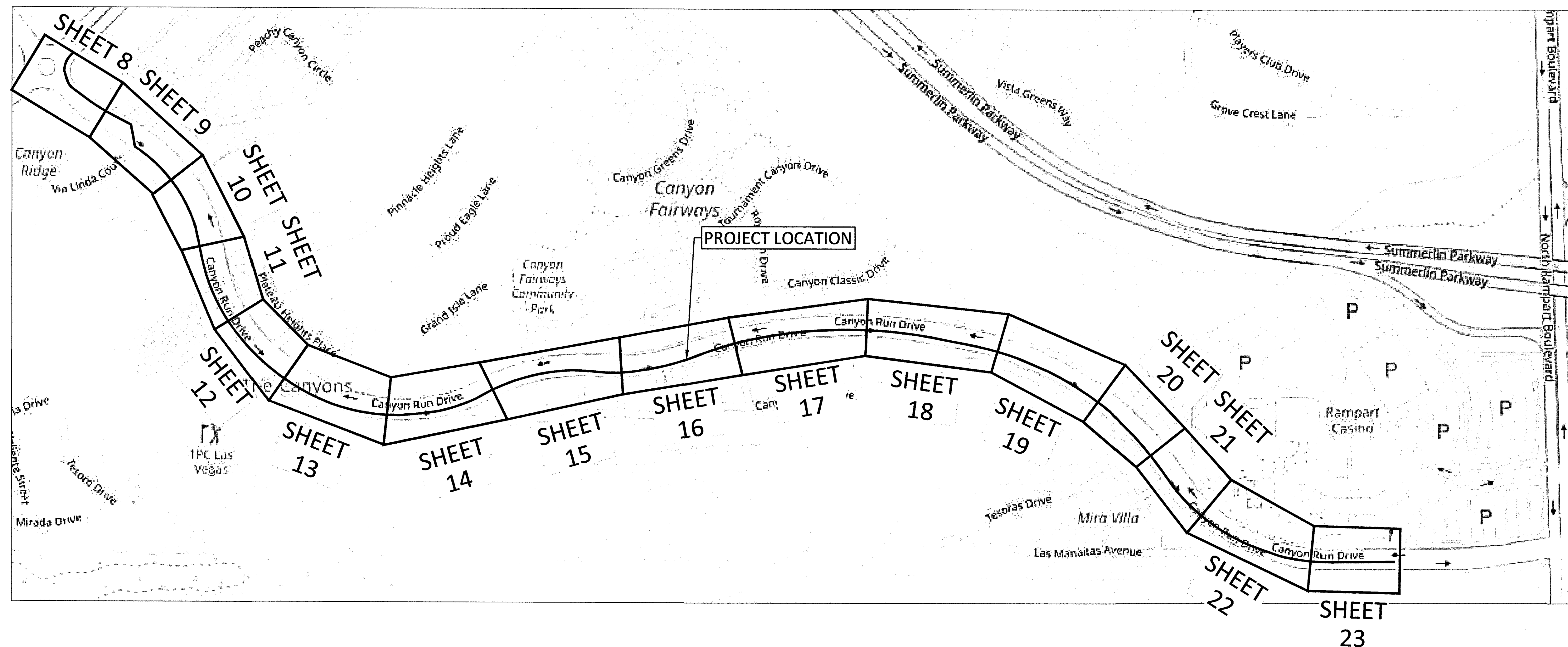
FIB:BUR::56000416

NORTH

A north arrow pointing upwards, enclosed within a circle. The arrow has a triangular head and a crossbar.

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
1	1
2	1
3	1
4	1
5	1
6	1
7	1
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9	1
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98	1
99	1
100	1



MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV DESOTO

PROJECT TITLE

DATE: 10/17/2018

DRAWN BY: CMENDOZA

REVISIONS

DATE	INITIAL
------	---------

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SCALE

HORIZONTAL: 1"=30'

VERTICAL:	NA
-----------	----

MP TO MP

SHEET 1 OF 25

FILE: LSV DESOTO

M:\VERIZON ONEFIBER\LAS VEGAS\LSV HUALAPAI\LSV
DESOTO\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 lineman.
- 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.

MCImetro 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
TSO 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): 90'
2.5" HDPE CONDUIT(S): 302'
4" HDPE CONDUIT(S): -
2' x 3' x 2' HANDHOLE(S): -
2.5' x 5' x 2.5' HANDHOLE(S): 15
4' x 4' x 4' HANDHOLE(S): -
MANHOLES: -

WORK TYPE

AERIAL: -
VZW CONDUIT: -
3RD PARTY CONDUIT: 8,425'
TRENCH: 302'
ASPHALT CUT: -
BORE: -

TOTAL NEW UG FOOTAGE: 302'
TOTAL FOOTAGE: 8,727'



PROJECT: 901044, 901045,
901046, 901139,
901140, 901141
CELL SITE: LSV DESOTO
CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

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

DATE: 10/17/2018

DRAWN BY: CMENDOZA

REVISIONS

DATE INITIAL

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 3 OF 25

FILE: LSV DESOTO

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	_____ _____ _____
AUXILLARY 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-
GUARDRAIL	_____ I _____ I _____
TOP OF SLOPE	∇ ∇ ∇ ∇ ∇ ∇ ∇
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

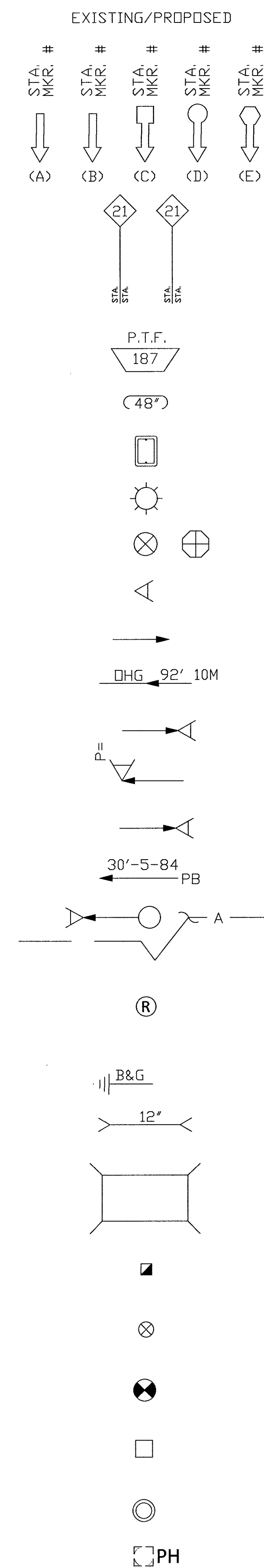
VALVE

FIRE HYDRANT

RAILROAD SIGNAL CONTROL BOX

MANHOLE

POTHOLE



PROJECT: 901044, 901045,
901046, 901139,
901140, 901141

CELL SITE: LSV DESOTO

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
-------------------	----------

[illegible]

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

DATE: 10/17/2018

DRAWN BY: CMENDOZA

[illegible]

EXCEPT AS MAY BE OTHERWISE PROVIDED BY
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SCALE

HORIZONTAL: 1"=30'

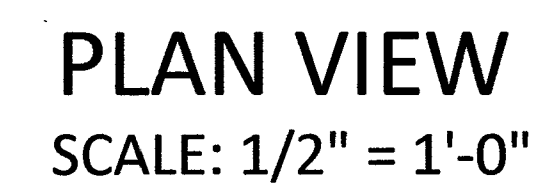
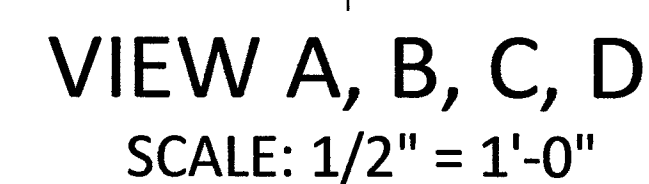
VERTICAL:	NA
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MP _____ TO MP _____

SHEET 4 OF 25

FILE: LSV DESOTO

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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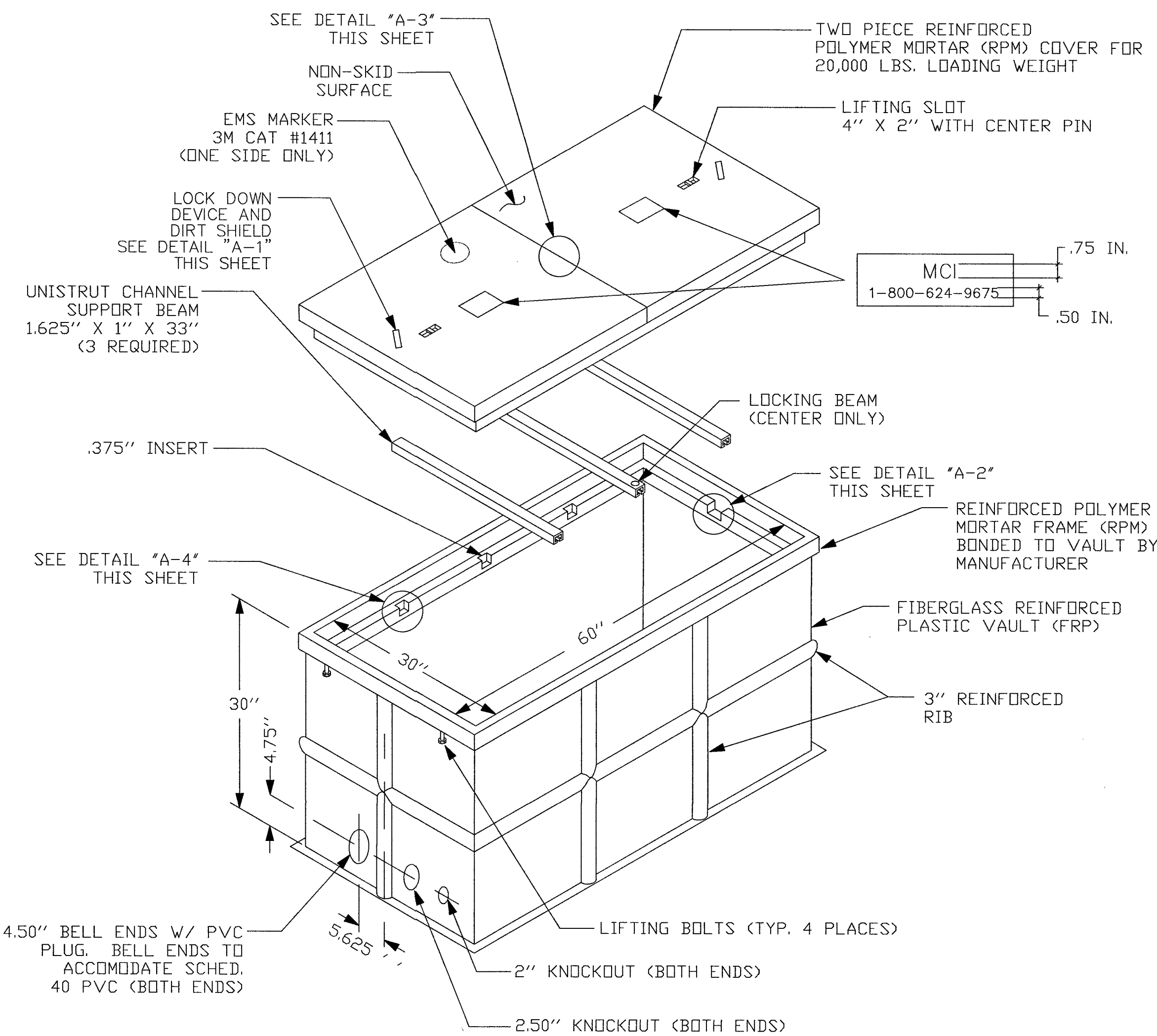


4'x4'x4' TYPE "S" KNOCKOUT

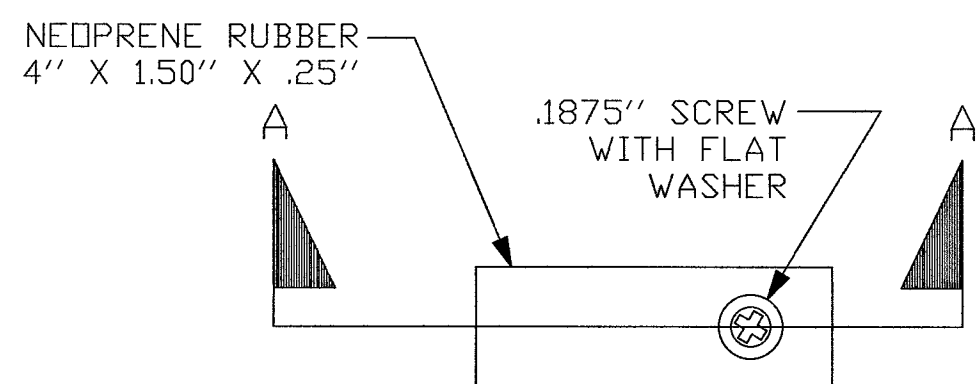


2.5' x 5' x 2.5' HANDHOLE DETAILS

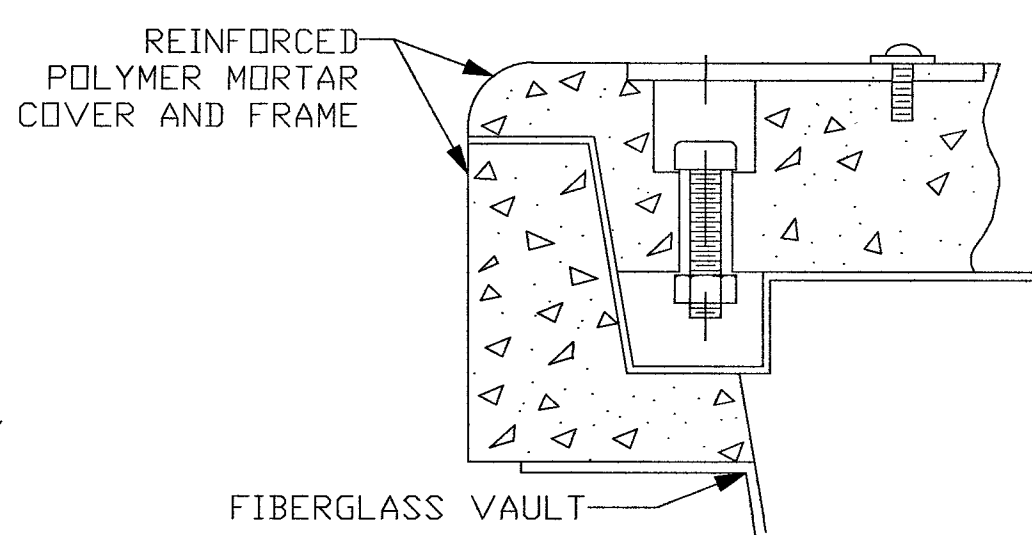
DETAIL "A"
EXPLODED ISOMETRIC DETAIL



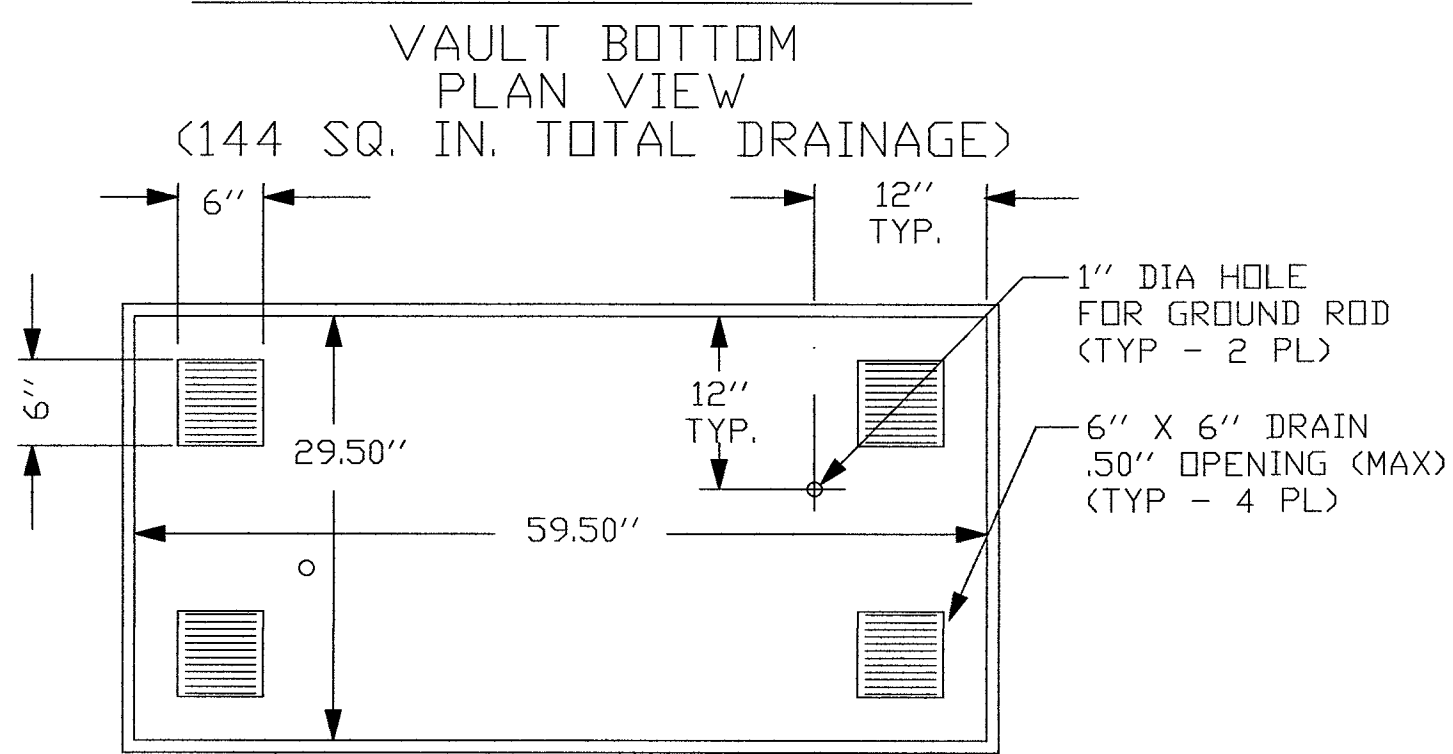
DETAIL "A-1"
LOCK DOWN DEVICE



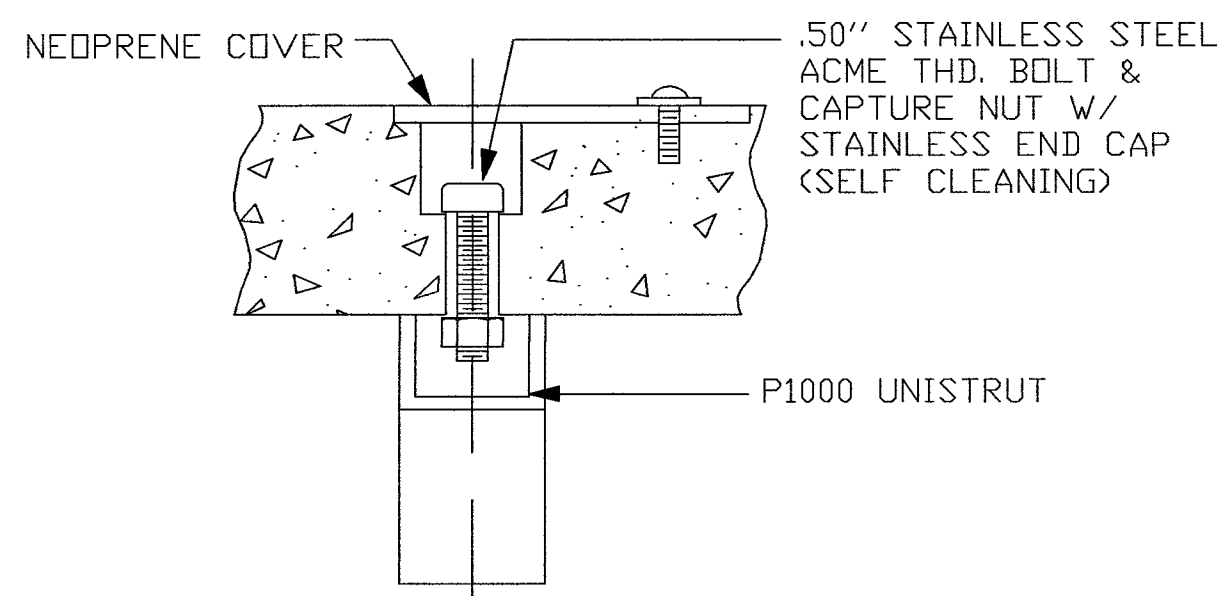
SECTION A-A
LOCKING DEVICE CROSS SECTION



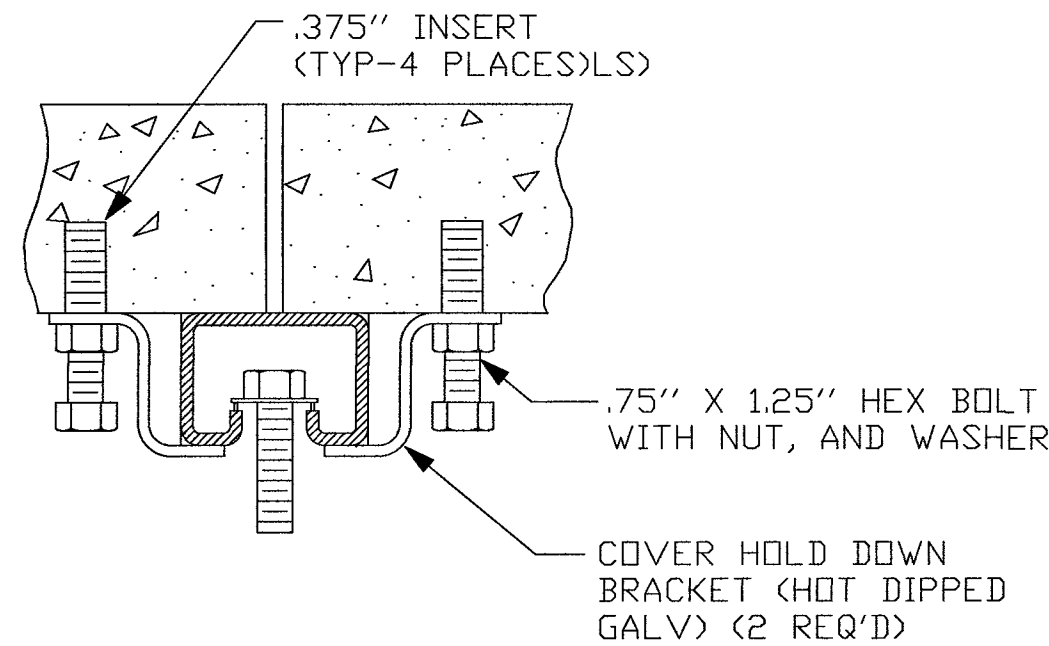
DETAIL "B"



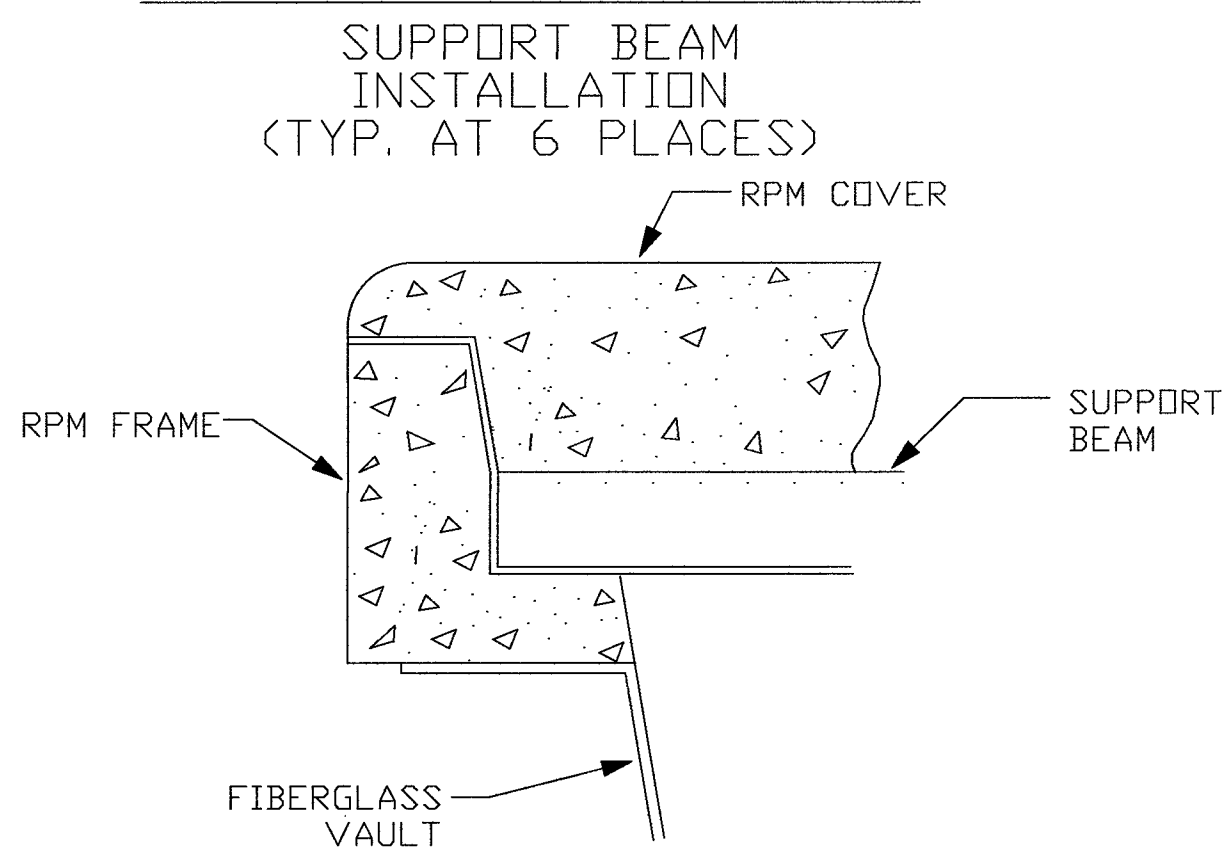
DETAIL "A-2"
ENGAGED LOCK DOWN DEVICE



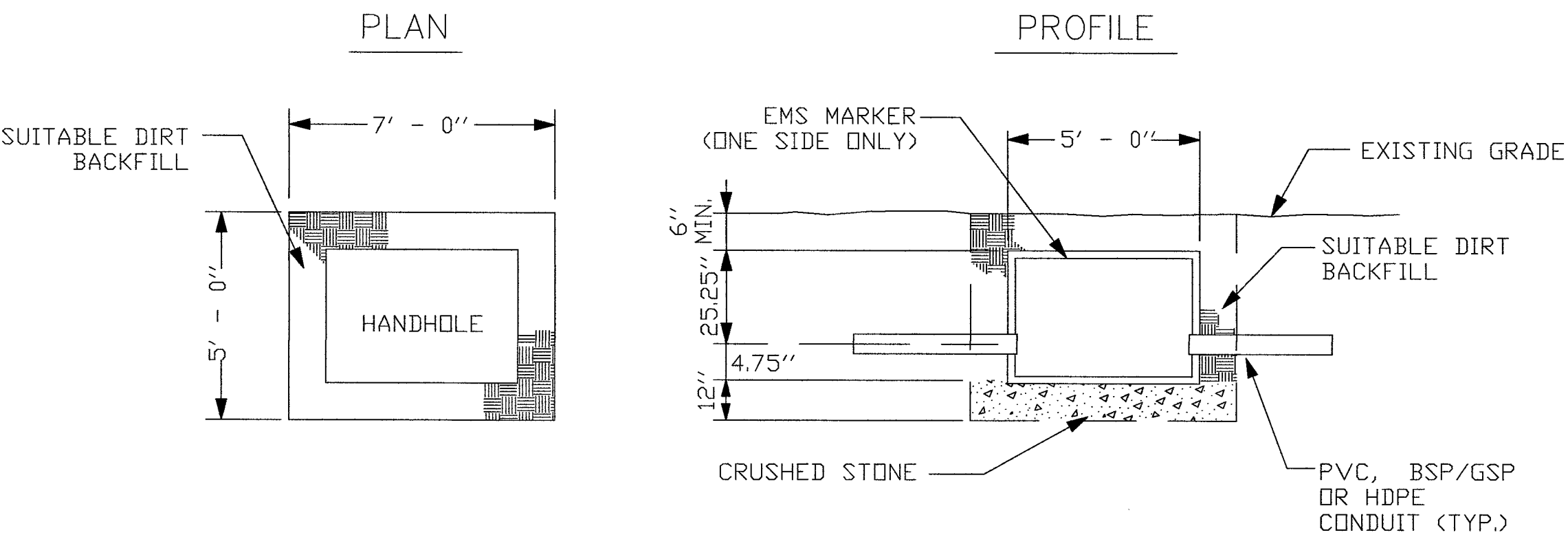
DETAIL "A-3"
COVER HOLD DOWN BRACKET OF 2-PIECE RPM COVER



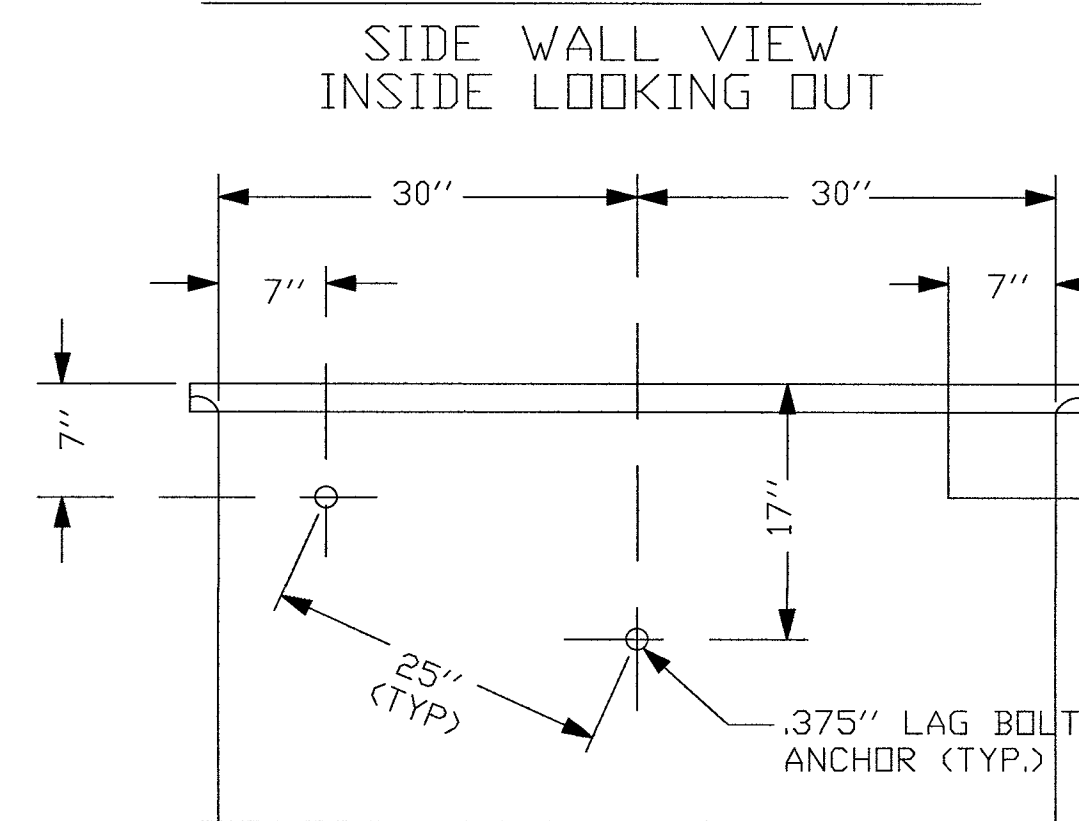
DETAIL "A-4"



DETAIL "C"
EXCAVATION PIT



DETAIL "D"



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

- NOTES:
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.



PROJECT: 901044, 901045, 901046, 901139, 901140, 901141

CELL SITE: LSV DESOTO

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV DESOTO

PROJECT TITLE

DATE: 10/17/2018

DRAWN BY: CMENDOZA

REVISIONS

DATE INITIAL

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 6 OF 25

FILE: LSV DESOTO



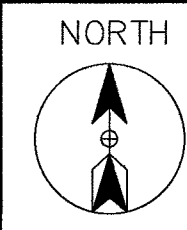
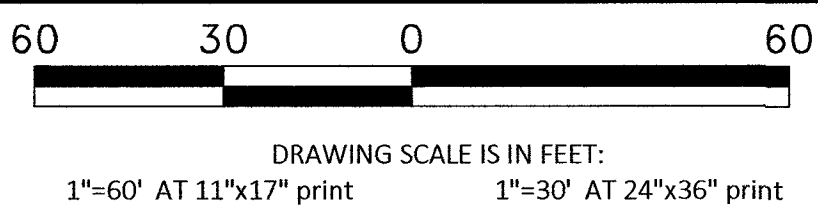
 13230 Satcoy Street,
North Hollywood, CA 91605
(818) 982-3600
ARMORCAST® PRODUCTS COMPANY

MAX. LOAD	
TIER 15	
DRAWING NUMBER	
A6001974TAPMCI3	

DATE 01-01-12	DWG. NO.	506
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FILE: LSV DESOTO

CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



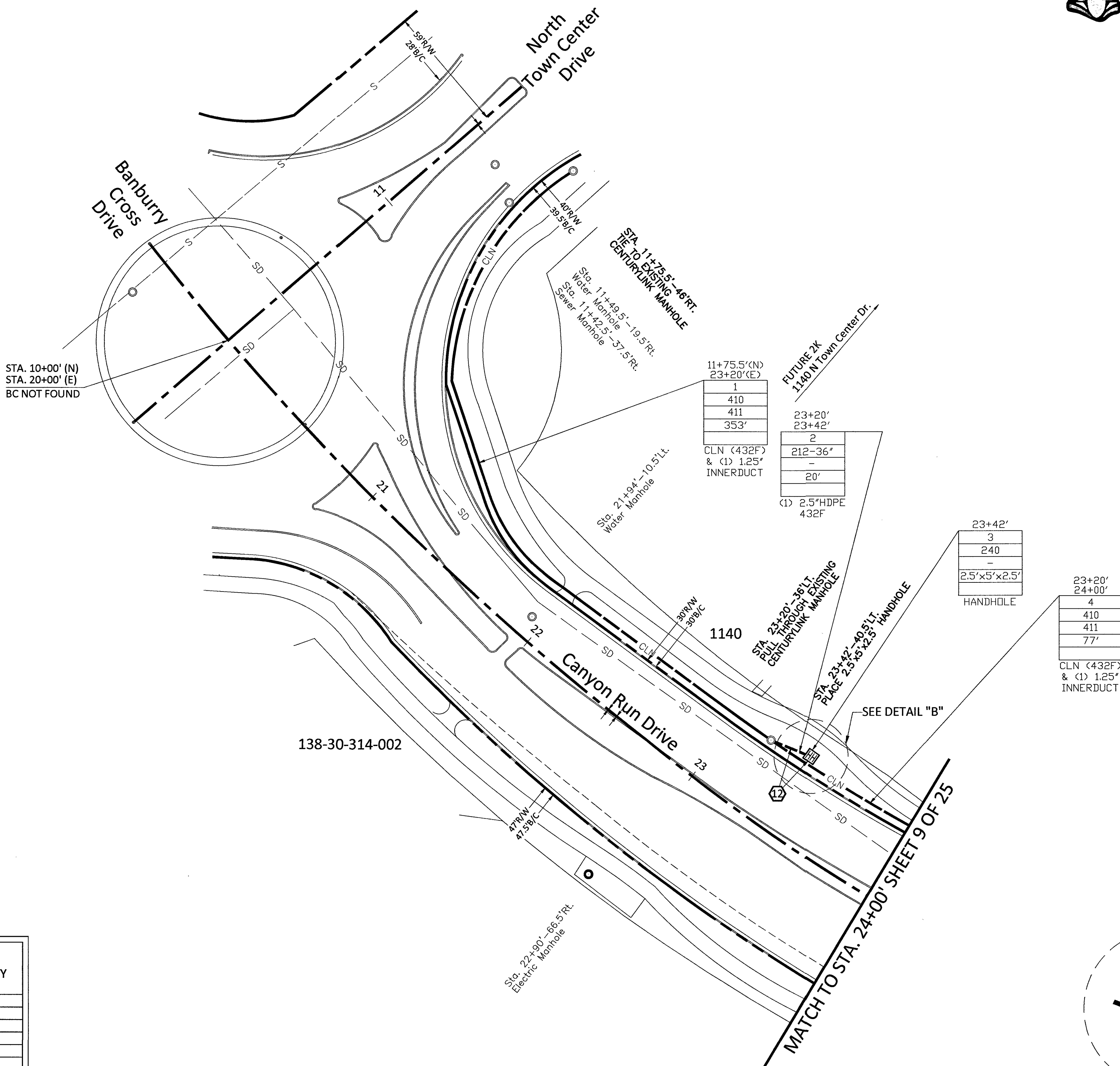
Call at least two full working days
before you begin excavation.



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

PROJECT: 901044, 901045,
901046, 901139,
901140, 901141
CELL SITE: LSV DESOTO
CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	6'
2.5" HDPE CONDUIT:	20'
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:	430'
TRENCH:	20'
TOTAL NEW UG FOOTAGE:	20'
TOTAL FOOTAGE:	450'



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

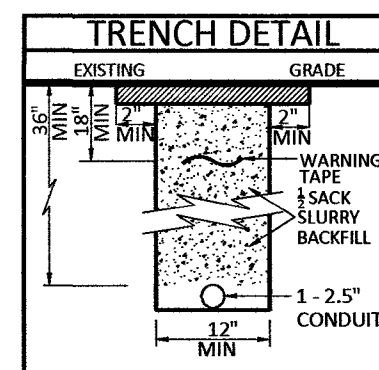
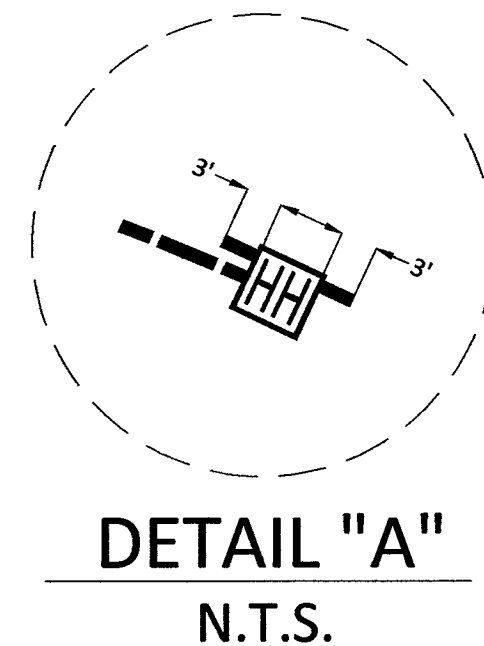
CONTRACTOR TO PLACE CONDUIT IN
APPROXIMATE LOCATION SHOWN ON PLAN
& PROVIDE AS-BUILTS WITH SPECIFIC TIE
LOCATION

- 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

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.



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

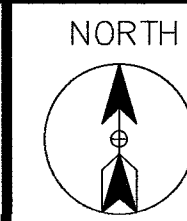
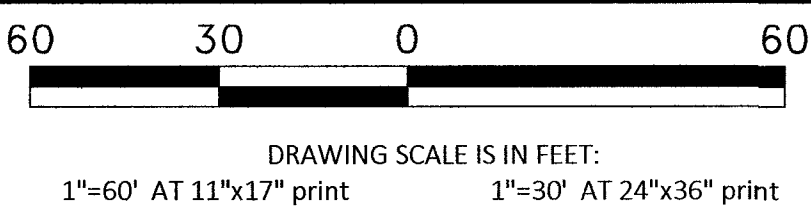
DATE: 10/17/2018
DRAWN BY: CMENDOZA

REVISIONS	
DATE	INITIAL

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SCALE
HORIZONTAL: 1"=30'
VERTICAL: NA
MP TO MP
SHEET 8 OF 25
FILE: LSV DESOTO

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: 901044, 901045,
901046, 901139,
901140, 901141

CELL SITE: LSV DESOTO

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL

2" HDPE CONDUIT: -

2.5" HDPE CONDUIT: -

4" HDPE CONDUIT: -

2' x 3' x 2' HANDHOLE(S): -

2.5' x 5' x 2.5' HANDHOLE(S): -

4' x 5' x 4' HANDHOLE(S): -

MANHOLE(S): -

AERIAL: -

VZW CONDUIT: -

3RD PARTY CONDUIT: 520'

TRENCH: -

TOTAL NEW UG FOOTAGE: -

TOTAL FOOTAGE: 520'

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV DESOTO

DATE: 10/17/2018

DRAWN BY: CMENDOZA

REVISIONS

DATE INITIAL

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 9 OF 25

FILE: LSV DESOTO

RTC NOTES:

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

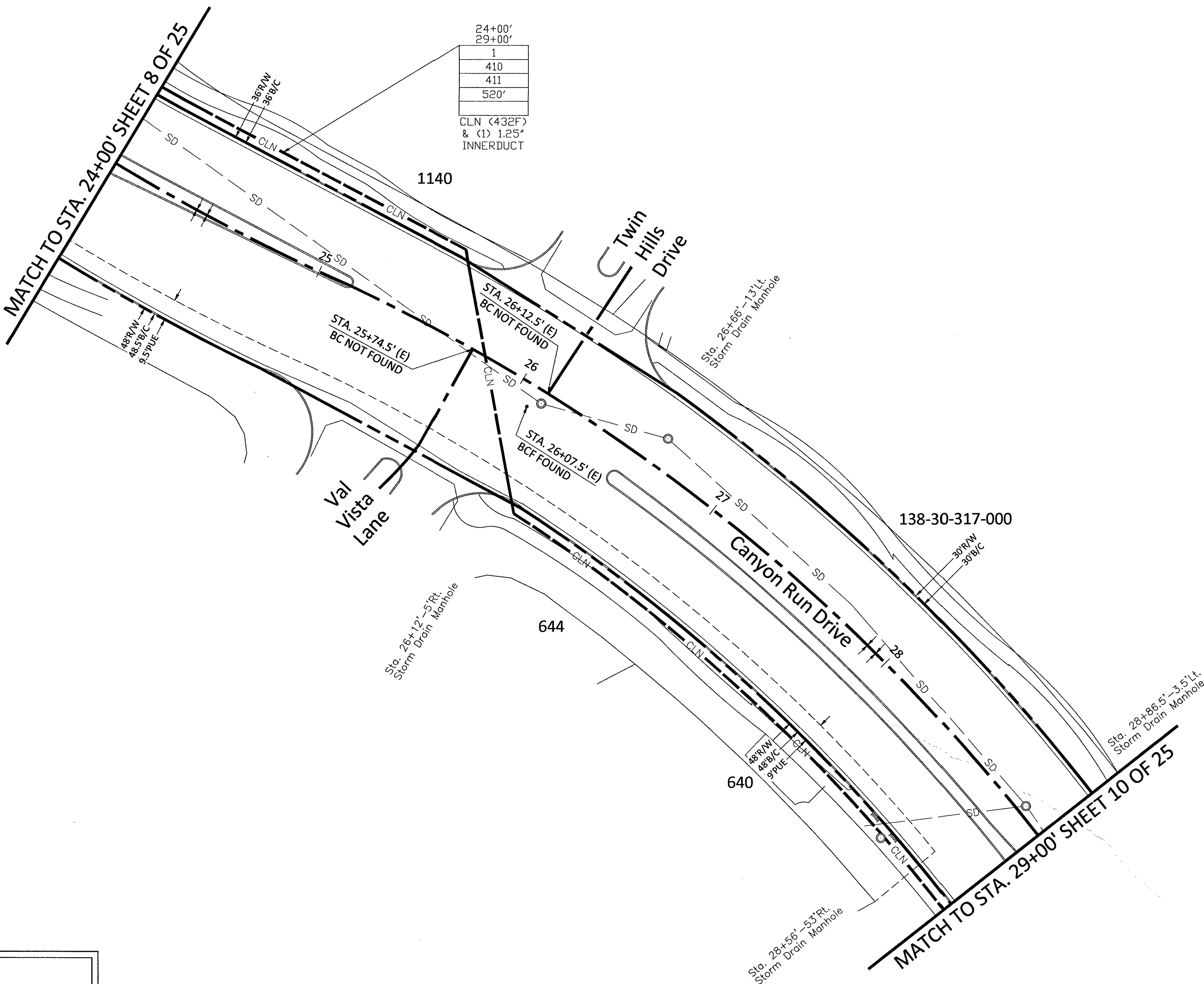
- 500.1 0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
- 500.2 0 TO 5 YEARS PAVEMENT RESTORATION TRAVERSE CUT
- 500.3 OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, GREATER THAN 60' R.O.W
- 500.4 OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, 60' R.O.W OR LESS
- 500.5 OVER 5 YEARS PAVEMENT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

NOTE TO CONTRACTOR:
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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



M:\VERIZON ONEFIBER\LAS VEGAS\LSV HUALAPA\LSV DESOTO\CONSTRUCTION DRAWINGS

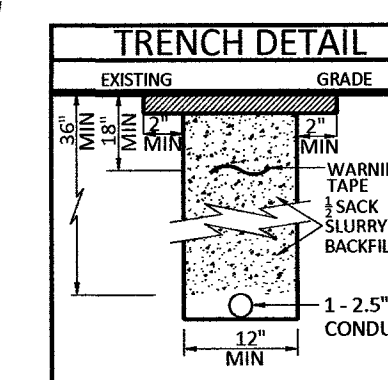


CITY OF LAS VEGAS, NEVADA

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

FILE:

JIT FILE: LSV DESOTO



4	500.1	0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
5	500.2	0 TO 5 YEARS PAVEMENT RESTORATION TRAVERSE CUT
6	500.3	OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, GREATER THAN 60' R.O.W
7	500.4	OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, 60' R.O.W OR LESS
8	500.5	OVER 5 YEARS PAVEMENT RESTORATION TRAVERSE ALL R.O.W WIDTHS
9	501	TYPICAL UNDERGROUND UTILITY LOCATIONS IN RESIDENTIAL STREETS 60' OR LESS R.O.W
10	501.1	TYPICAL UTILITY UNDERGROUND LOCATIONS IN STREETS WITH GREATER THAN 60' R.O.W
11	503	METHOD B FOR RIGID AND FLEXIBLE PIPE TRENCH BACKFILL - PAVED AREAS
12	503.1	METHOD A FOR FLEXIBLE PIPE TRENCH BACKFILL - PAVED AREAS
13	503.2	METHOD A FOR RIGID PIPE TRENCH BACKFILL - PAVED AREAS
14	234	SIDEWALK
15	BACKFILL IN UNPAVED AREA AS REQUIRED BY LOCAL CODE OR AS APPROVED BY AGENCY.	

M:\VERIZON ONEFIBER\LAS VEGAS\LSV HUALAPAI\LSV DESOTO\CONSTRUCTION DRAWINGS



PROJECT: 901044, 901045,
901046, 901139,
901140, 901141

CELL SITE: LSV DESOTO

CITY OF LAS VEGAS, NEVADA

CLARIFICATION	NO.	QUANTITY
SHEET TOTAL		
2" HDPE CONDUIT:		6'
2.5" HDPE CONDUIT:		20'
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:		418'
TRENCH:		20'
TOTAL NEW UG FOOTAGE:		20'
TOTAL FOOTAGE:		438'

MCI
COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV DESOTO

DATE: 10/17/2018
DRAWN BY: CMENDOZA

[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: $1^{\circ}=30$

VERTICAL : NA

MP	TP	MP
----	----	----

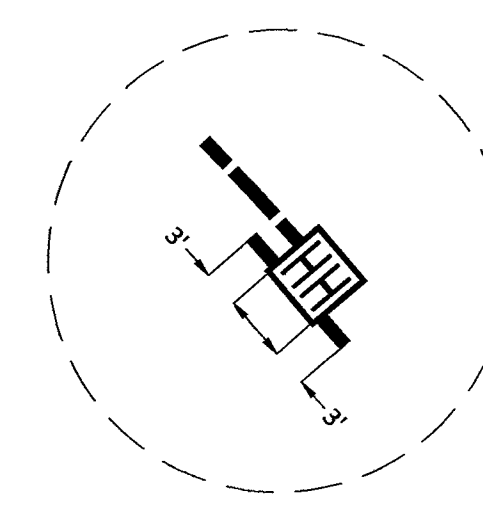
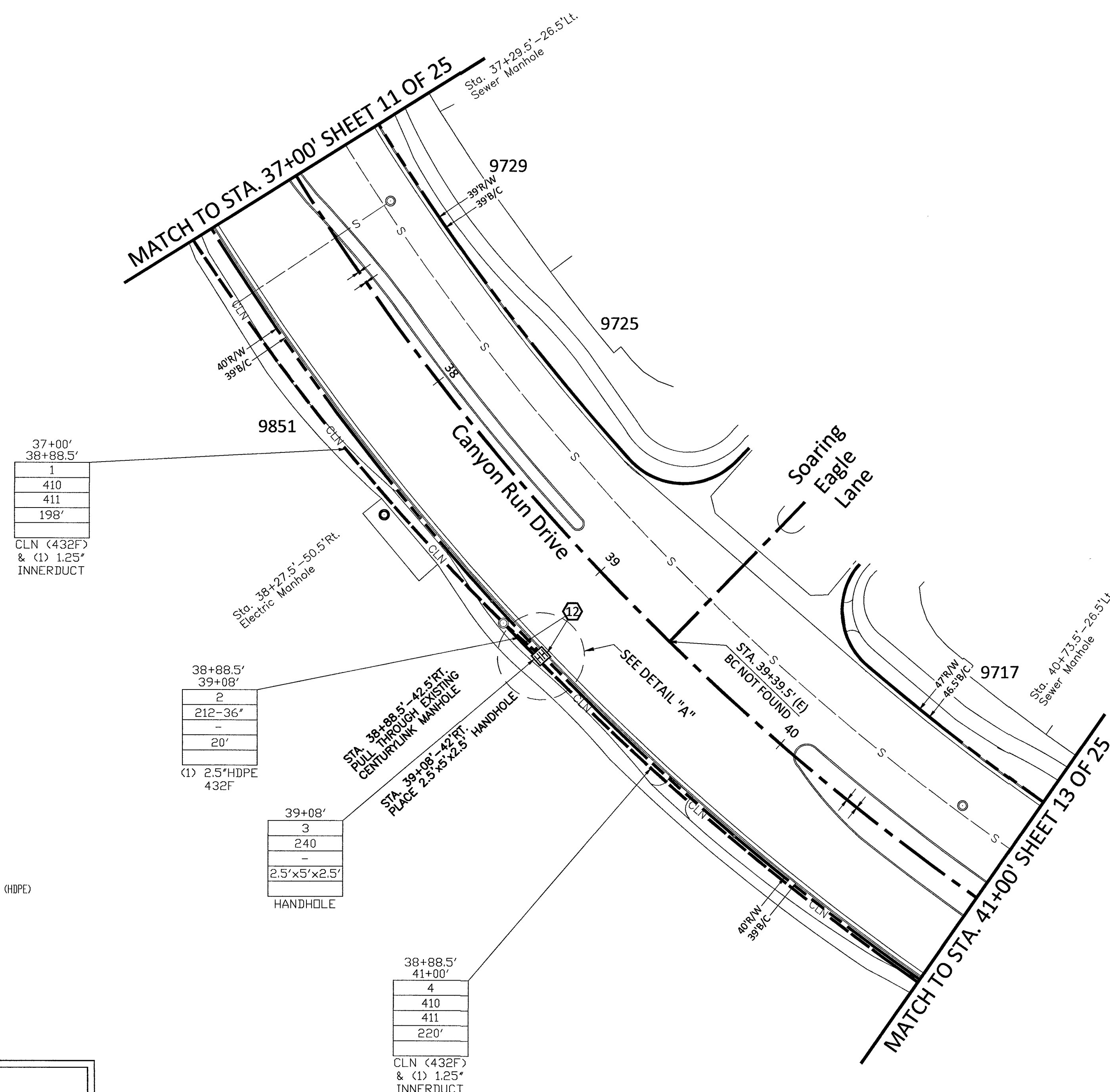
SHEET 12 OF 15

FILE: LSV DESOTO

FILE:

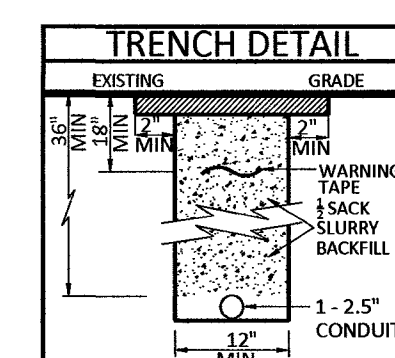
0	UNIFORM STANDARD DRAWINGS
1	0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
2	0 TO 5 YEARS PAVEMENT RESTORATION TRAVERSE CUT
3	OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, GREATER THAN 60" R.O.W
4	OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, 60" R.O.W OR LESS
5	OVER 5 YEARS PAVEMENT RESTORATION TRAVERSE ALL R.O.W WIDTHS
6	TYPICAL UNDERGROUND UTILITY LOCATIONS IN RESIDENTIAL STREETS 60" OR LESS R.O.W
7	TYPICAL UTILITY UNDERGROUND LOCATIONS IN STREETS WITH GREATER THAN 60" R.O.W
8	METHOD B FOR RIGID AND FLEXIBLE PIPE TRENCH BACKFILL - PAVED AREAS
9	METHOD A FOR FLEXIBLE PIPE TRENCH BACKFILL - PAVED AREAS
10	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

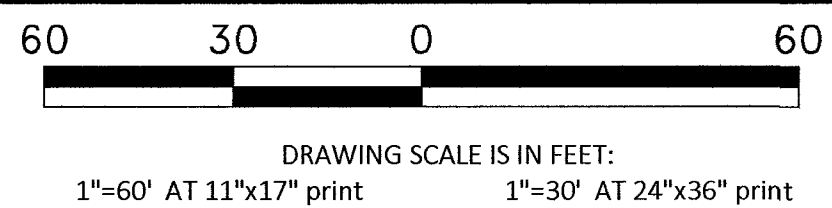


DETAIL "A"

N.T.S.



CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



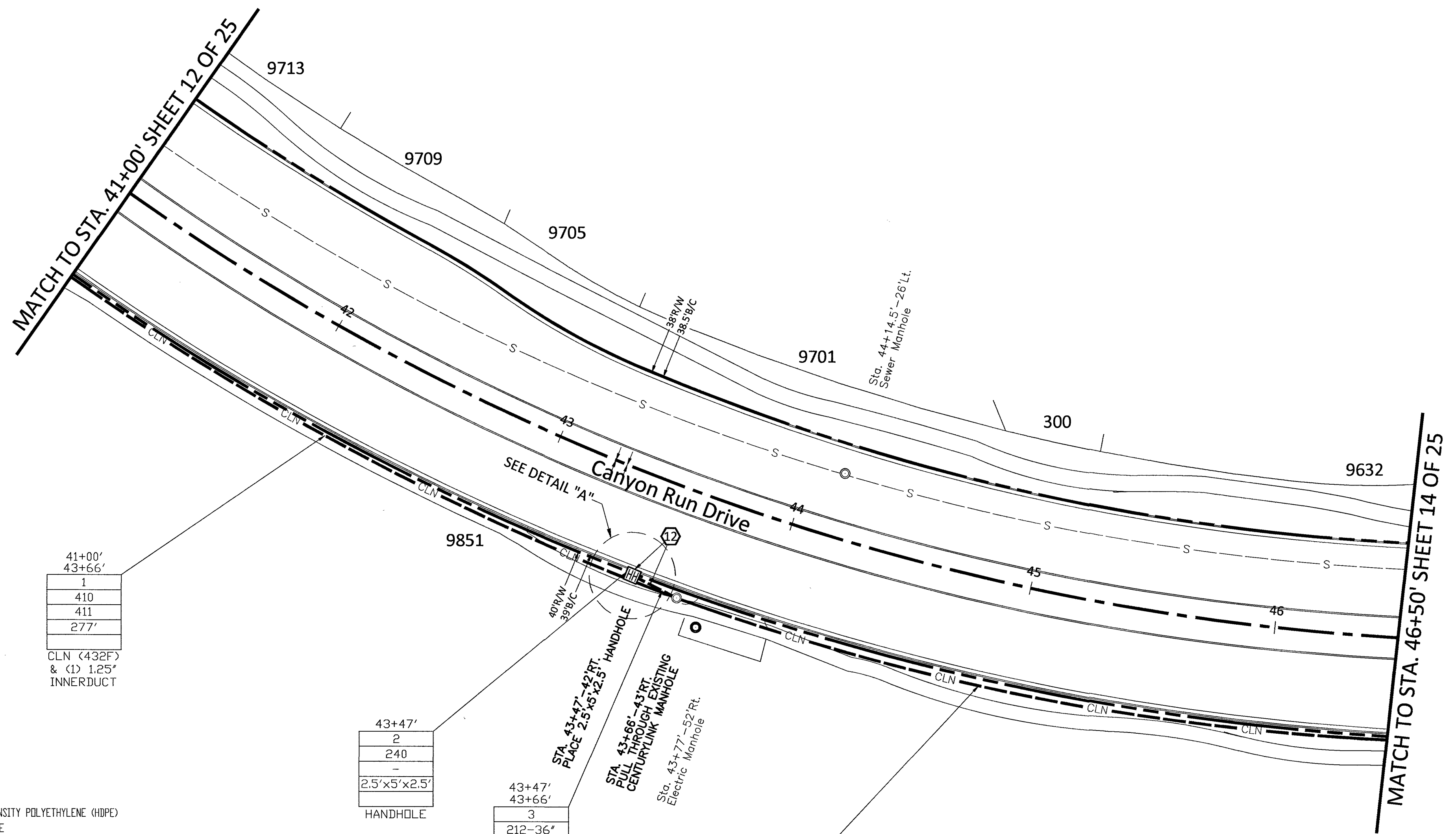
Call at least two full working days
before you begin excavation.



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

PROJECT: 901044, 901045,
901046, 901139,
901140, 901141
CELL SITE: LSV DESOTO
CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	6'
2.5" HDPE CONDUIT:	20'
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:	571'
TRENCH:	20'
TOTAL NEW UG FOOTAGE:	20'
TOTAL FOOTAGE:	591'



41+00'
43+66'
1
410
411
277'
CLN (432F)
& (1) 1.25' INNERDUCT

43+47'
2
240
2.5'x5'x2.5'
HANDHOLE

43+47'
43+66'
3
212-36'
-
20'
(1) 2.5"HDPE 432F

43+66'
46+50'
4
410
411
294'
CLN (432F)
& (1) 1.25' INNERDUCT

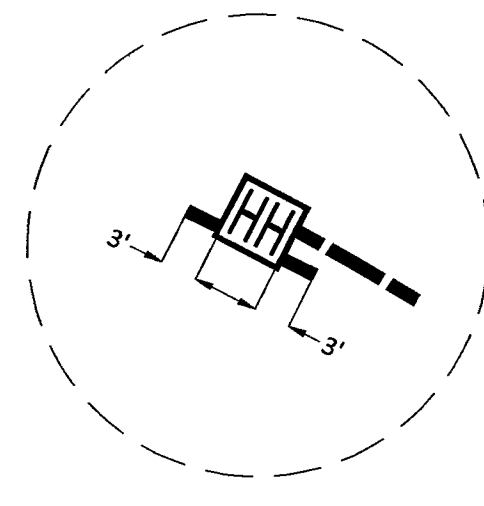
NOTE TO CONTRACTOR:
CONTRACTOR TO POTHOLE AND LOCATE ALL UTILITIES PRIOR TO STARTING CONSTRUCTION.

CONTRACTOR TO PLACE LOCATE WIRE AND MULE TAPE IN ALL CONDUIT PLACED

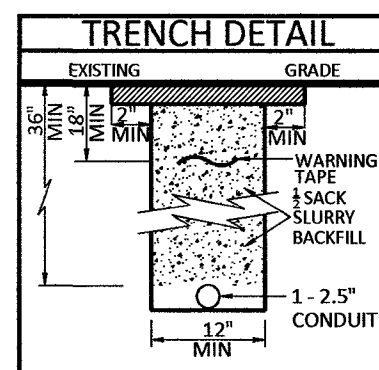
CONTRACTOR TO PLACE CONDUIT IN APPROXIMATE LOCATION SHOWN ON PLAN & PROVIDE AS-BUILTS WITH SPECIFIC TIE LOCATION

- 210 PLACE CONDUIT
- 212 PLACE HIGH DENSITY POLYETHYLENE (HDPE)
- 240 PLACE HANDHOLE
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- 282 REMOVE AND RESTORE CURBING
- 410 PULL CABLE
- 411 PULL THROUGH DUCT (INNERDUCT)
- 520 PLACE AERIAL CABLE
- 630 DIRECTIONAL BORE

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
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(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.

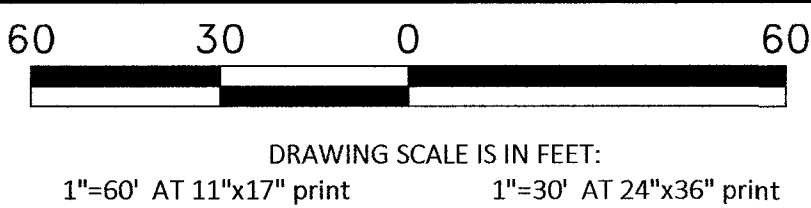


DETAIL "A"
N.T.S.



DATE: 10/17/2018	
DRAWN BY: CMENDOZA	
REVISIONS	
DATE	INITIAL
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 13	OF 25
FILE:	LSV DESOTO

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: 901044, 901045,
901046, 901139,
901140, 901141
CELL SITE: LSV DESOTO
CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	6'
2.5" HDPE CONDUIT:	21'
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:	574'
TRENCH:	21'
TOTAL NEW UG FOOTAGE:	21'
TOTAL FOOTAGE:	595'

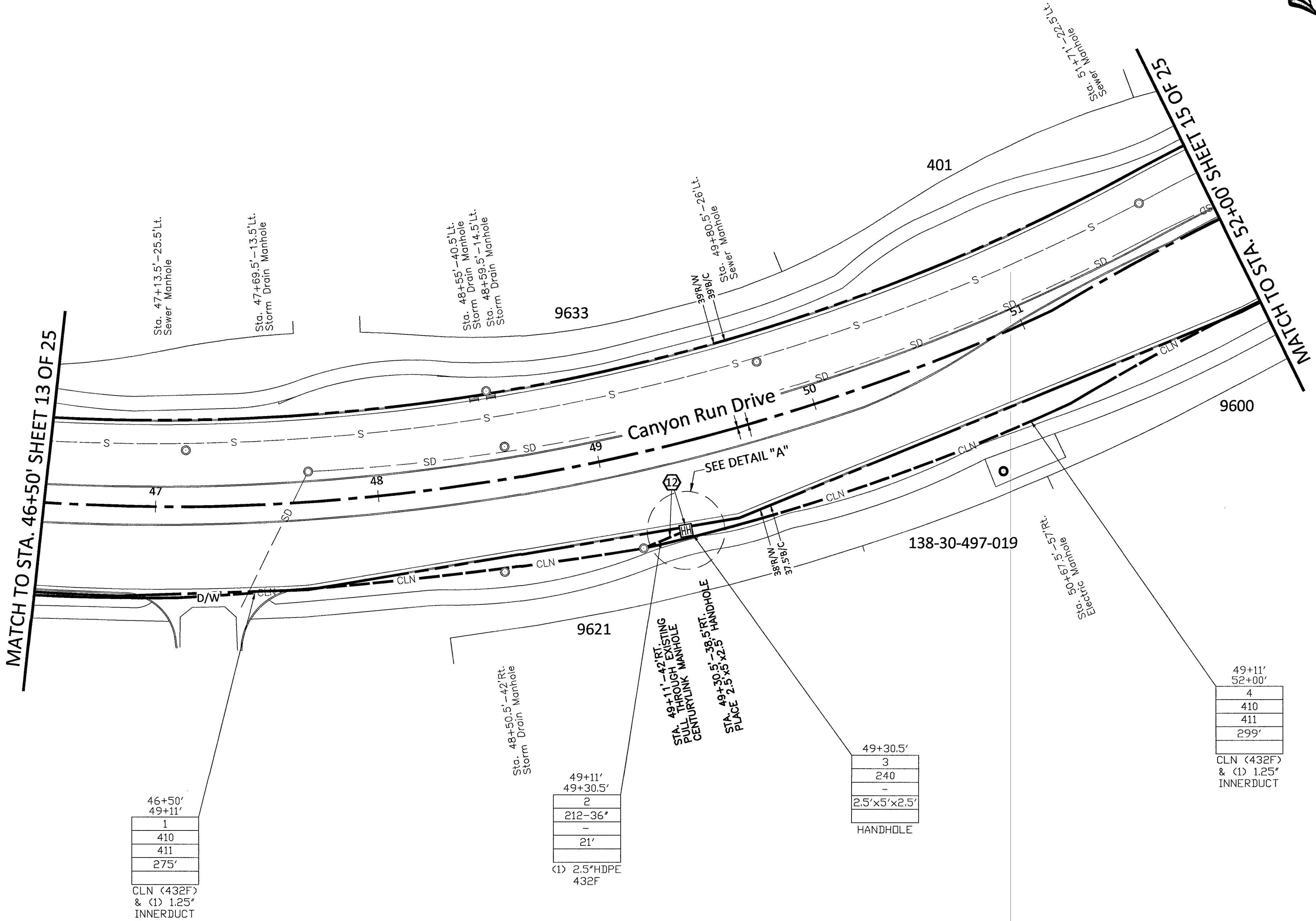
MCI
COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION
TITLE: CELL SITE: LSV DESOTO

DATE: 10/17/2018
DRAWN BY: CMENDOZA

REVISIONS	
DATE	INITIAL

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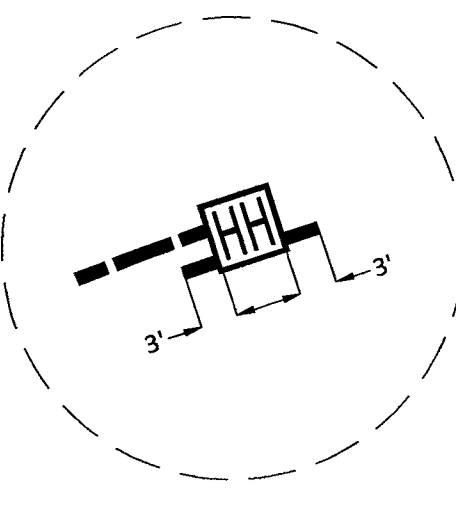
SCALE
HORIZONTAL: 1"=30'
VERTICAL: NA
MP TO MP
SHEET 14 OF 25
FILE: LSV DESOTO



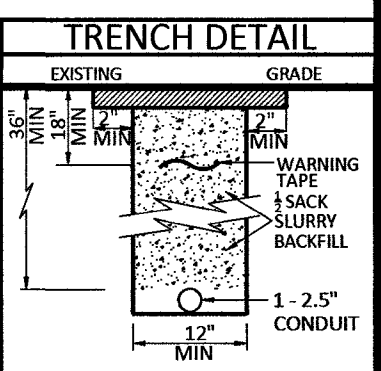
RTC NOTES:	
BACKFILL AND RIGHT OF WAY RESTORATION SHALL CONFORM TO CLARK COUNTY UNIFORM STANDARD DRAWINGS	
1	500.1 0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
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NOTE TO CONTRACTOR:
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CONTRACTOR 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 MANHOLE
- 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



DETAIL "A"
N.T.S.



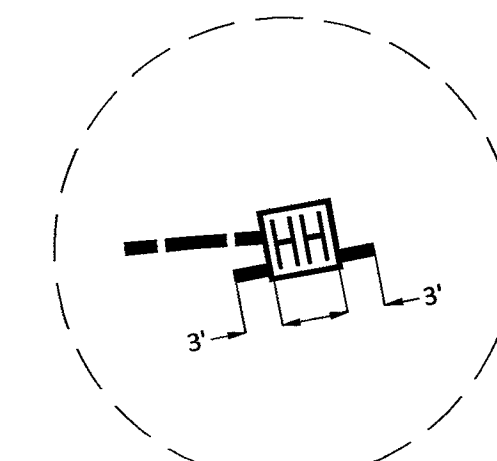


CITY OF LAS VEGAS, NEVADA

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

[illegible]

FILE: LSV DESOTO



TRENCH DETAIL

EXISTING GRADE

36" MIN

18" MIN

2" MIN

2" MIN

VARNISH TAPE

SACK SLURRY BACKFILL

1 - 2.5" CONDUIT

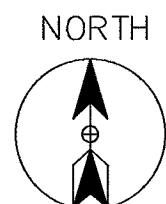
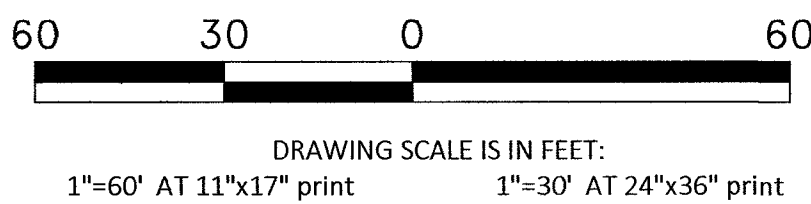
12" MIN

[illegible]

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

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520 PLACE AERIAL CABLE
630 DIRECTIONAL BORE

CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



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

PROJECT: 901044, 901045,
901046, 901139,
901140, 901141
CELL SITE: LSV DESOTO
CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	6'
2.5" HDPE CONDUIT:	20'
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:	610'
TRENCH:	20'
TOTAL NEW UG FOOTAGE:	20'
TOTAL FOOTAGE:	630'

COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV DESOTO

DATE: 10/17/2018

DRAWN BY: CMENDOZA

REVISIONS

DATE	INITIAL

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WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE

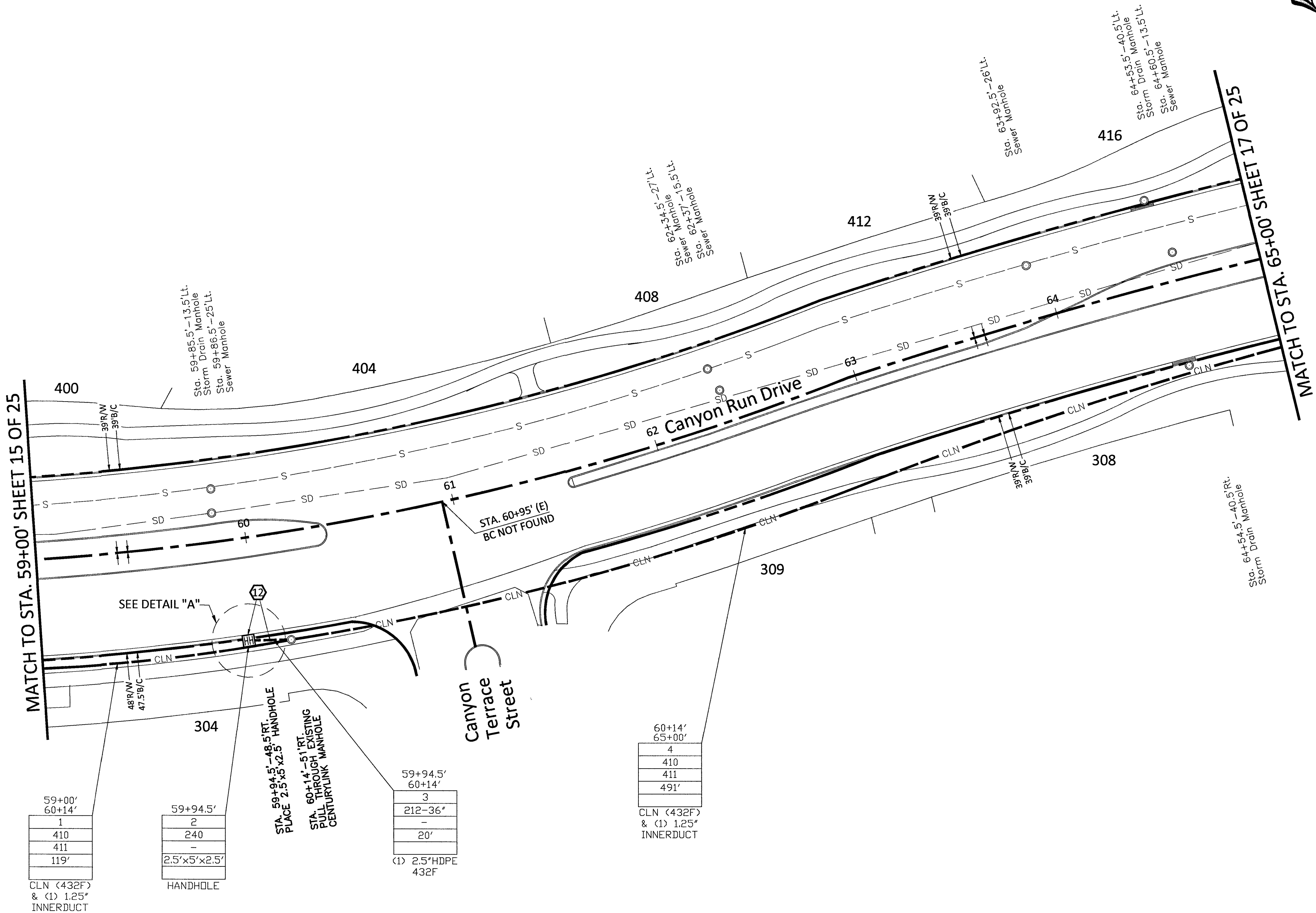
HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 16 OF 25

FILE: LSV DESOTO



RTC NOTES:

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

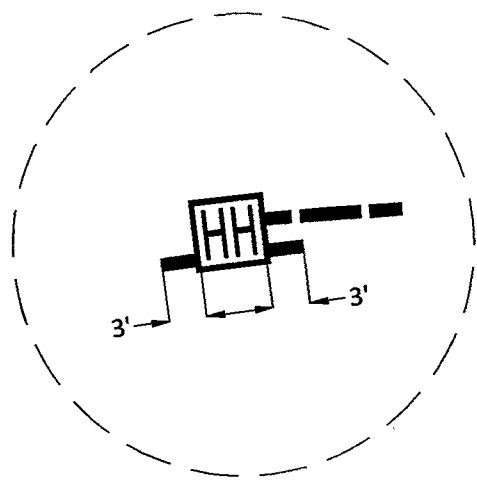
- | | |
|----|--|
| 1 | 0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT |
| 2 | 0 TO 5 YEARS PAVEMENT RESTORATION TRAVERSE CUT |
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| 4 | OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, 60' R.O.W OR LESS |
| 5 | OVER 5 YEARS PAVEMENT RESTORATION TRAVERSE ALL R.O.W WIDTHS |
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NOTE TO CONTRACTOR:
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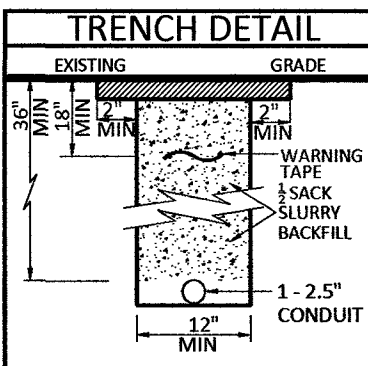
CONTRACTOR TO PLACE LOCATE WIRE AND
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CONTRACTOR TO PLACE CONDUIT IN
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& PROVIDE AS-BUILTS WITH SPECIFIC TIE
LOCATION

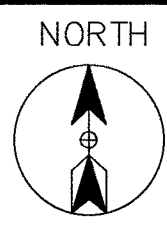
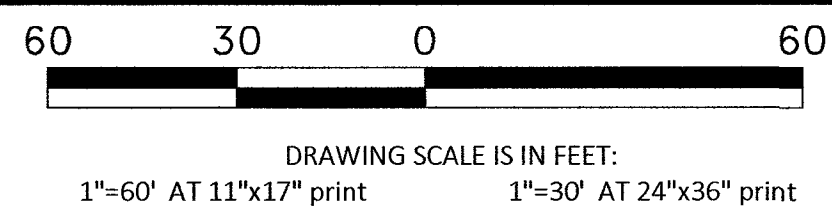
- | | |
|-----|--|
| 210 | PLACE CONDUIT |
| 212 | PLACE HIGH DENSITY POLYETHYLENE (HDPE) |
| 240 | PLACE MANHOLE |
| 250 | PLACE MANHOLE |
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| 281 | REMOVE AND RESTORE SIDEWALK |
| 282 | REMOVE AND RESTORE CURBING |
| 410 | PULL CABLE |
| 411 | PULL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



DETAIL "A"
N.T.S.



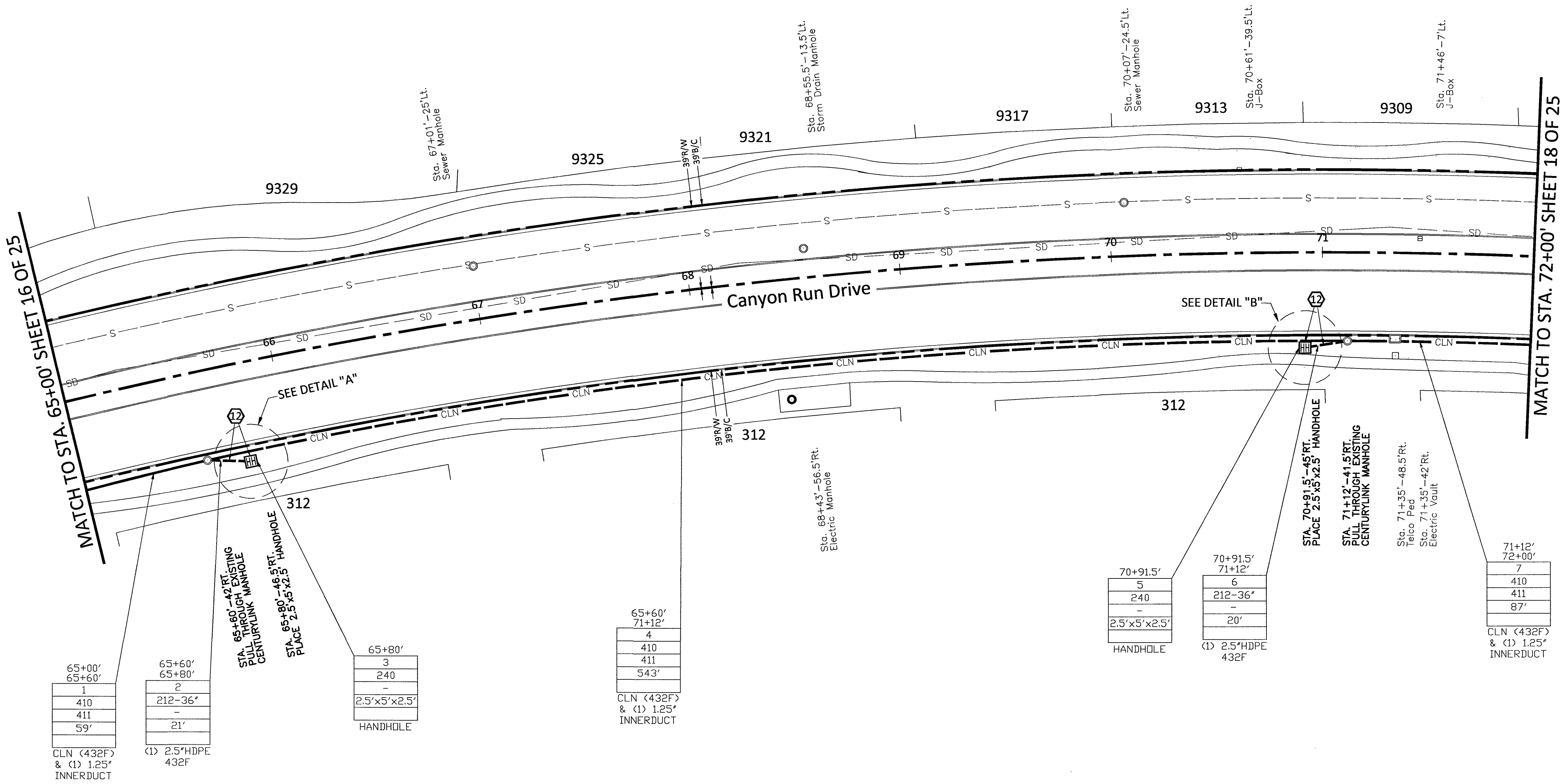
CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



Call at least two full working days
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PROJECT: 901044, 901045,
901046, 901139,
901140, 901141
CELL SITE: LSV DESOTO
CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	12'
2.5" HDPE CONDUIT:	41'
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	2
4' x 5' x 4' HANDHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	689'
TRENCH:	41'
TOTAL NEW UG FOOTAGE:	41'
TOTAL FOOTAGE:	730'



65+00'	65+00'
1	2
410	212-36"
411	-
59'	21'
CLN (432F)	(1) 2.5" HDPE
& (1) 1.25"	432F
INNERDUCT	

65+60'	65+80'
2	2
212-36"	-
-	21'
(1) 2.5" HDPE	
432F	

STA. 65+80'-46.5' RT.
PLACE 2.5'x5'x2.5' HANDHOLE
CENTURYLINK MANHOLE

65+80'	65+80'
3	240
-	-
2.5'x5'x2.5'	
HANDHOLE	

65+60'	71+12'
4	410
410	411
543'	
CLN (432F)	
& (1) 1.25"	
INNERDUCT	

70+91.5'	71+12'
5	6
240	212-36"
-	-
2.5'x5'x2.5'	20'
HANDHOLE	(1) 2.5" HDPE
	432F

70+91.5'	71+12'
6	6
212-36"	-
-	20'
(1) 2.5" HDPE	
432F	

STA. 70+91.5'-45' RT.
PLACE 2.5'x5'x2.5' HANDHOLE
CENTURYLINK MANHOLE

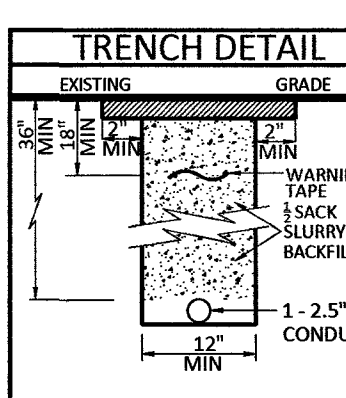
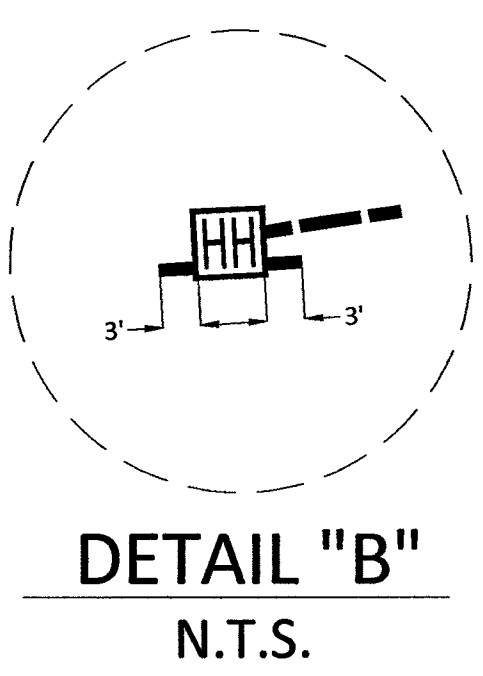
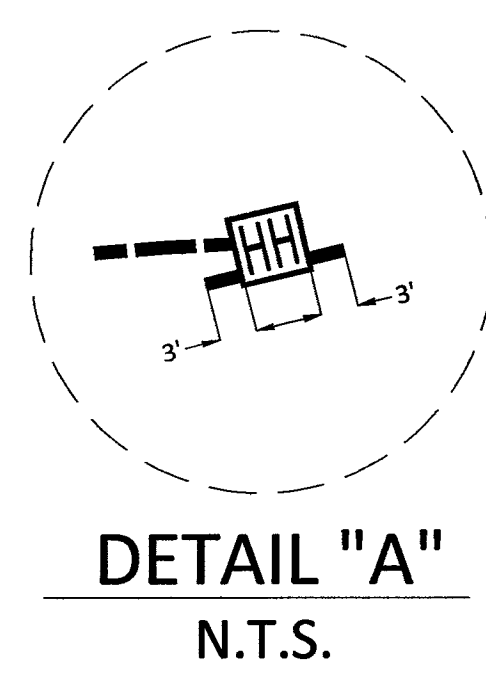
STA. 71+12'-41.5' RT.
PLACE 2.5'x5'x2.5' HANDHOLE
CENTURYLINK MANHOLE

71+12'	72+00'
7	410
410	411
87'	
CLN (432F)	
& (1) 1.25"	
INNERDUCT	

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

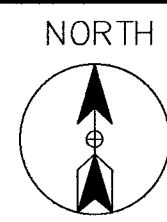
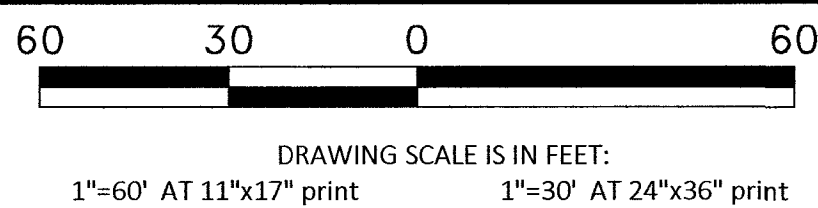
- 210 PLACE CONDUIT
- 212 PLACE HIGH DENSITY POLYETHYLENE (HDPE)
- 240 PLACE HANDHOLE
- 250 PLACE MANHOLE
- 270 REMOVE AND RESTORE ASPHALT
- 280 REMOVE AND RESTORE CONCRETE
- 281 REMOVE AND RESTORE SIDEWALK
- 282 REMOVE AND RESTORE CURBING
- 410 PULL CABLE
- 411 PULL THROUGH DUCT (INNERDUCT)
- 520 PLACE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



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 17	OF 25
FILE:	LSV DESOTO

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: 901044, 901045,
901046, 901139,
901140, 901141
CELL SITE: LSV DESOTO
CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	6'
2.5" HDPE CONDUIT:	20'
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:	690'
TRENCH:	20'
TOTAL NEW UG FOOTAGE:	20'
TOTAL FOOTAGE:	710'

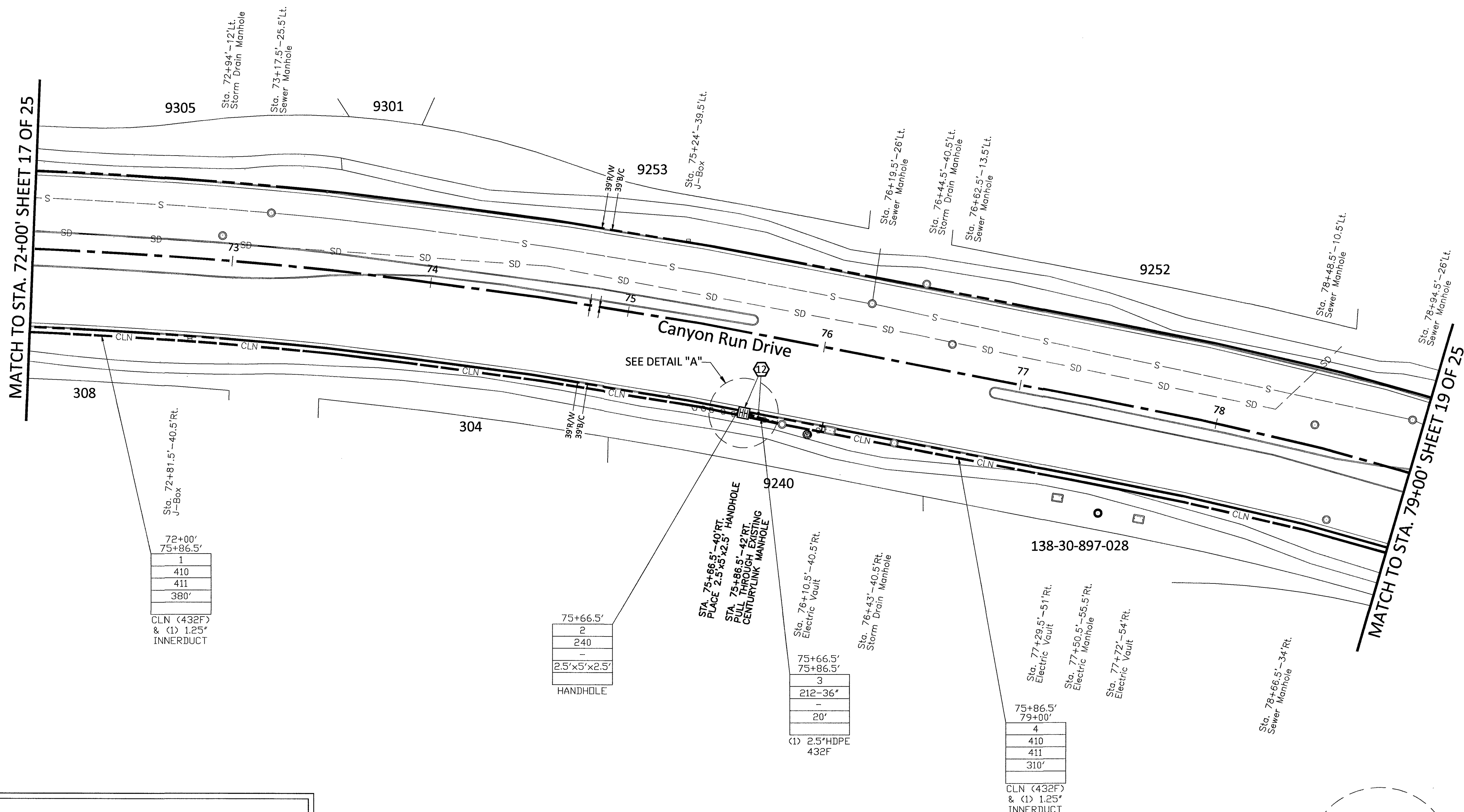
MCI
COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION
TITLE: CELL SITE: LSV DESOTO

DATE: 10/17/2018
DRAWN BY: CMENDOZA

REVISIONS	
DATE	INITIAL

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SCALE
HORIZONTAL: 1"=30'
VERTICAL: NA
MP TO MP
SHEET 18 OF 25
FILE: LSV DESOTO



72+00'
75+86.5'

1
410
411
380'

CLN (432F)
& (1) 1.25'
INNERDUCT

75+66.5'

2
240
-
2.5'x5'x2.5'

HANDHOLE

75+66.5'
75+86.5'

3
212-36'
20'

(1) 2.5"HDPE
432F

75+86.5'
79+00'

4
410
411
310'

CLN (432F)
& (1) 1.25'
INNERDUCT

RTC NOTES:

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

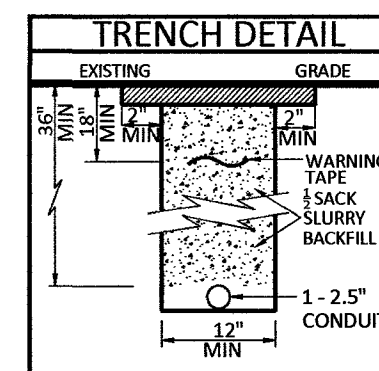
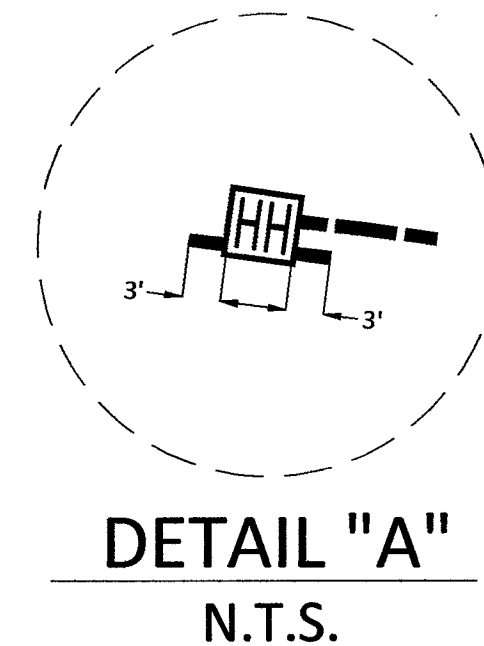
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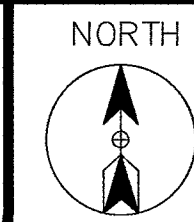
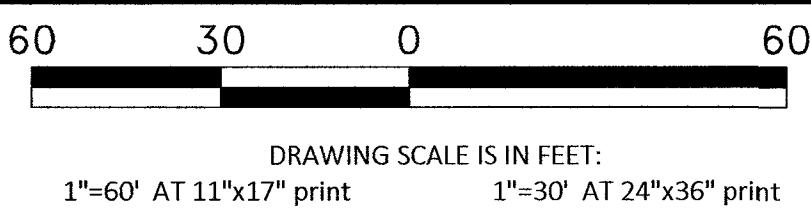
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LOCATION

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CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



Call at least two full working days
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901140, 901141

CELL SITE: LSV DESOTO

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL

2" HDPE CONDUIT: -

2.5" HDPE CONDUIT: -

4" HDPE CONDUIT: -

2' x 3' x 2' HANDHOLE(S): -

2.5' x 5' x 2.5' HANDHOLE(S): -

4' x 5' x 4' HANDHOLE(S): -

MANHOLE(S): -

AERIAL: -

VZW CONDUIT: -

3RD PARTY CONDUIT: 586'

TRENCH: -

TOTAL NEW UG FOOTAGE: -

TOTAL FOOTAGE: 586'

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV DESOTO

DATE: 10/17/2018

DRAWN BY: CMENDOZA

REVISIONS

DATE INITIAL

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SCALE

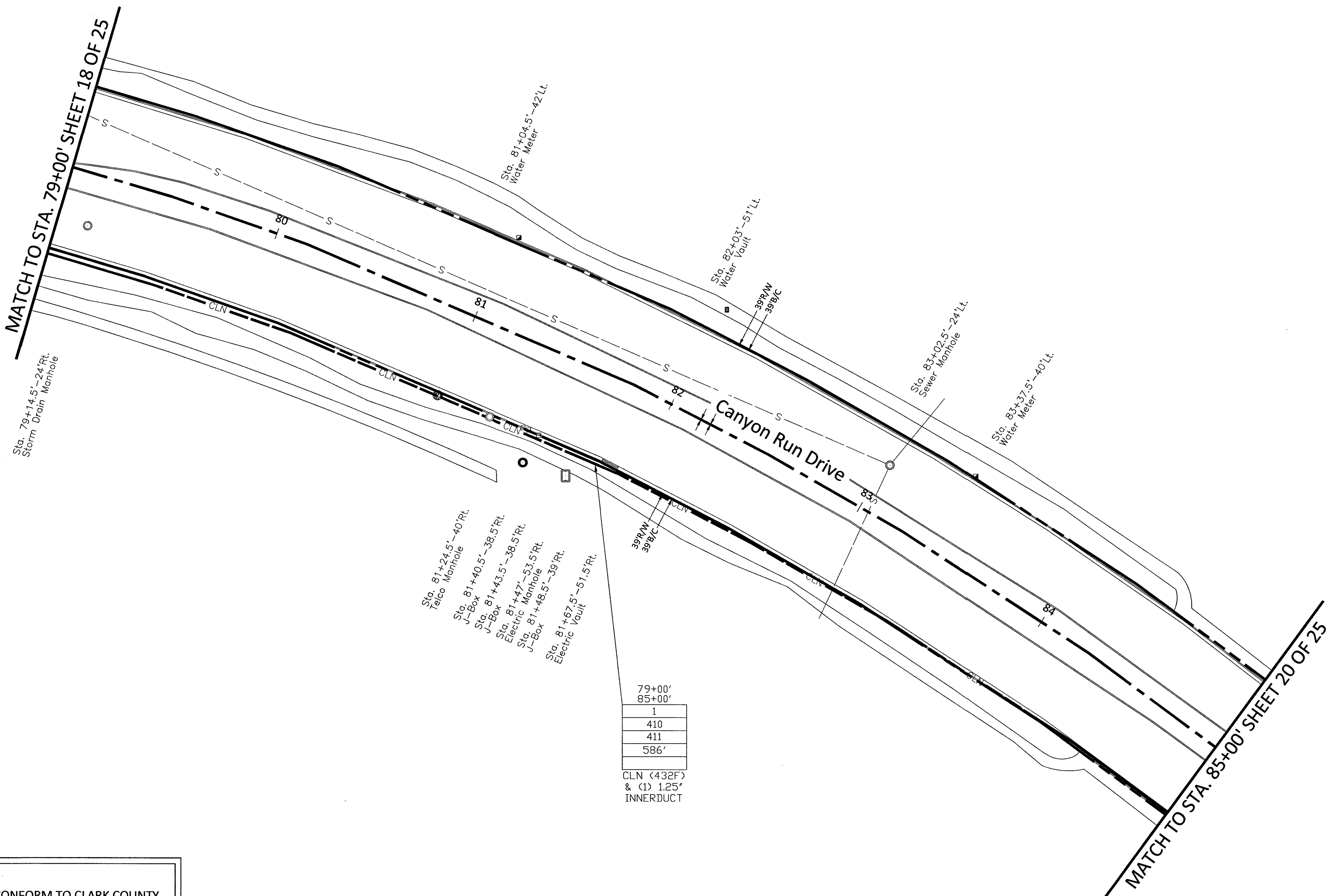
HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 19 OF 25

FILE: LSV DESOTO



RTC NOTES:

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

- | | | |
|----|-------|--|
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| 2 | 500.2 | 0 TO 5 YEARS PAVEMENT RESTORATION TRAVERSE CUT |
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| 8 | 503 | METHOD B FOR RIGID AND FLEXIBLE PIPE TRENCH BACKFILL - PAVED AREAS |
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| 11 | 234 | SIDEWALK |
| 12 | | BACKFILL IN UNPAVED AREA AS REQUIRED BY LOCAL CODE OR AS APPROVED BY AGENCY. |

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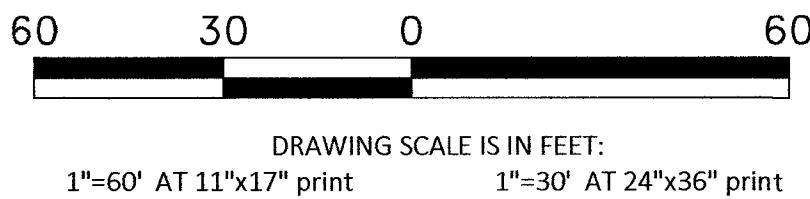
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LOCATION

- | | |
|-----|--|
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| 410 | PULL CABLE |
| 411 | PULL THROUGH DUCT (INNERDUCT) |
| 520 | PLACE AERIAL CABLE |
| 630 | DIRECTIONAL BORE |

79+00'
85+00'
1
410
411
586'

CLN (432F)
& (1) 1.25"
INNERDUCT

CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



Call at least two full working days
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901046, 901139,
901140, 901141

CELL SITE: LSV DESOTO

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL

2" HDPE CONDUIT: 6'

2.5" HDPE CONDUIT: 20'

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: 449'

TRENCH: 20'

TOTAL NEW UG FOOTAGE: 20'

TOTAL FOOTAGE: 469'

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV DESOTO

DATE: 10/17/2018

DRAWN BY: CMENDOZA

REVISIONS

DATE INITIAL

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 20 OF 25

FILE: LSV DESOTO

NOTE TO CONTRACTOR:
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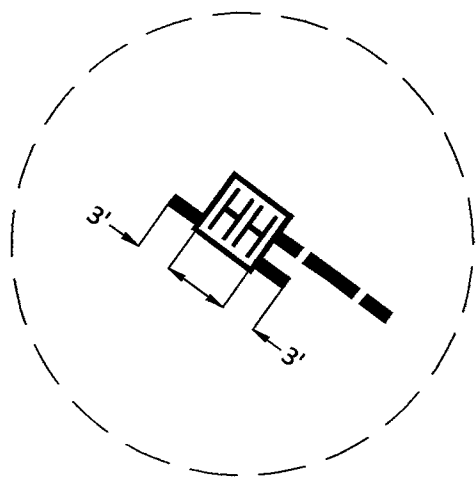
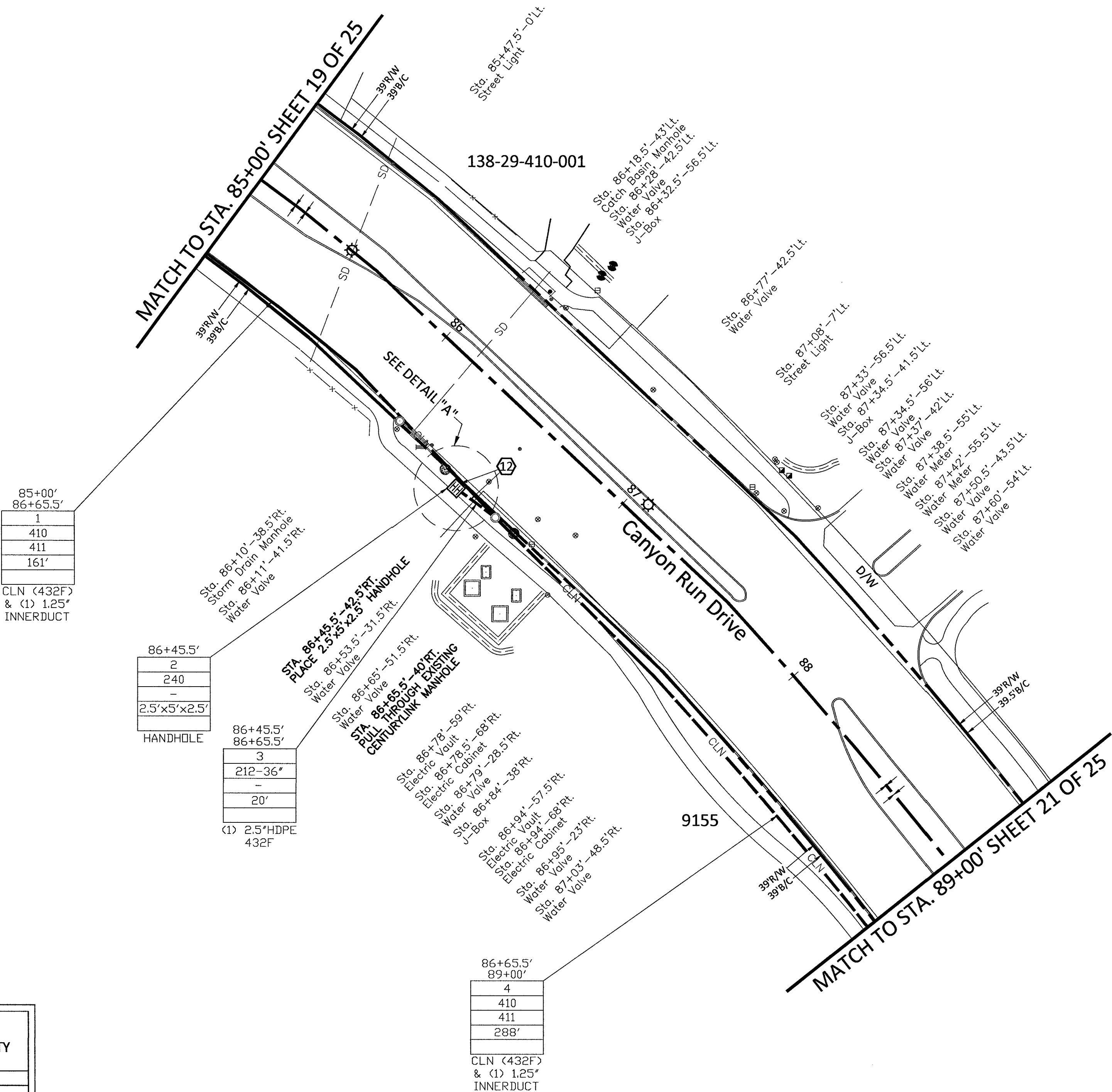
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APPROXIMATE LOCATION SHOWN ON PLAN
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LOCATION

RTC NOTES:

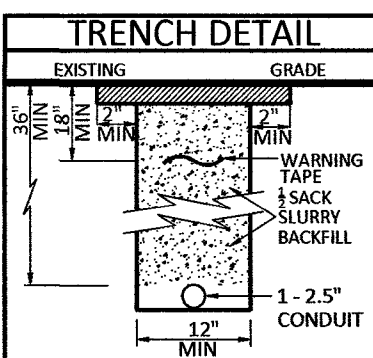
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| (1) | 500.1 | 0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT |
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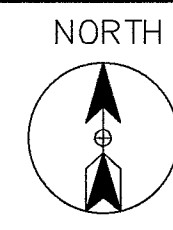
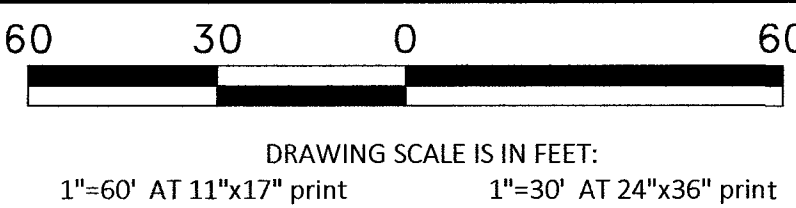
- | | |
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DETAIL "A"
N.T.S.



CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



Call at least two full working days
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901046, 901139,
901140, 901141
CELL SITE: LSV DESOTO
CITY OF LAS VEGAS, NEVADA

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SHEET TOTAL	
2" HDPE CONDUIT:	6'
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4' x 5' x 4' HANDHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	408'
TRENCH:	20'
TOTAL NEW UG FOOTAGE:	20'
TOTAL FOOTAGE:	428'

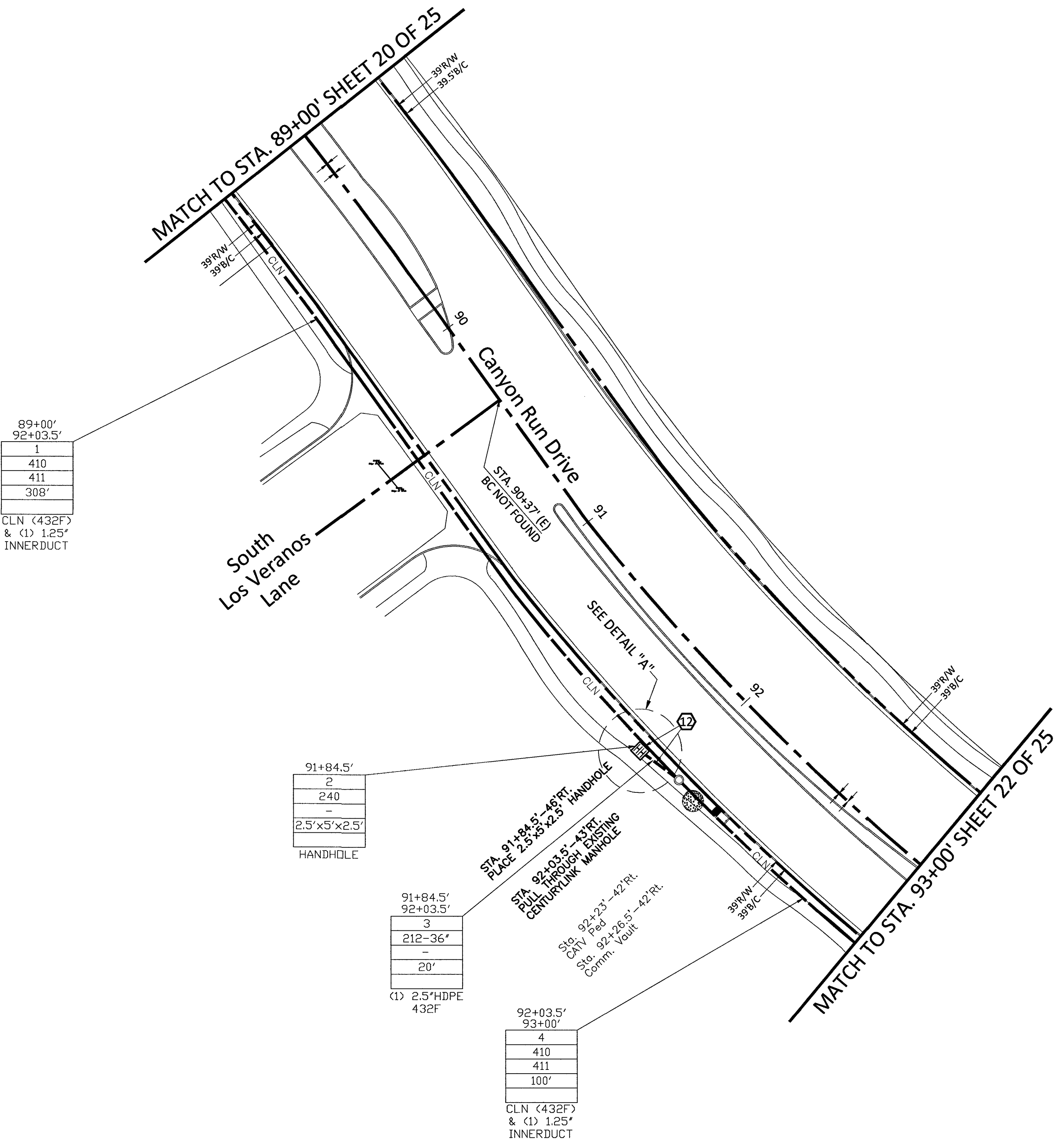
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TITLE: CELL SITE: LSV DESOTO

DATE: 10/17/2018
DRAWN BY: CMENDOZA

REVISIONS	
DATE	INITIAL

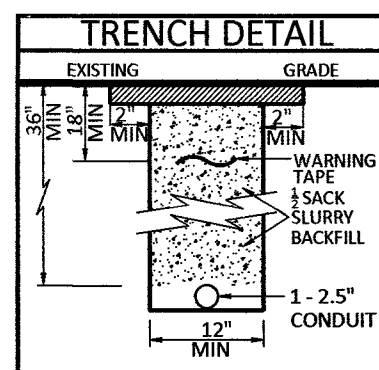
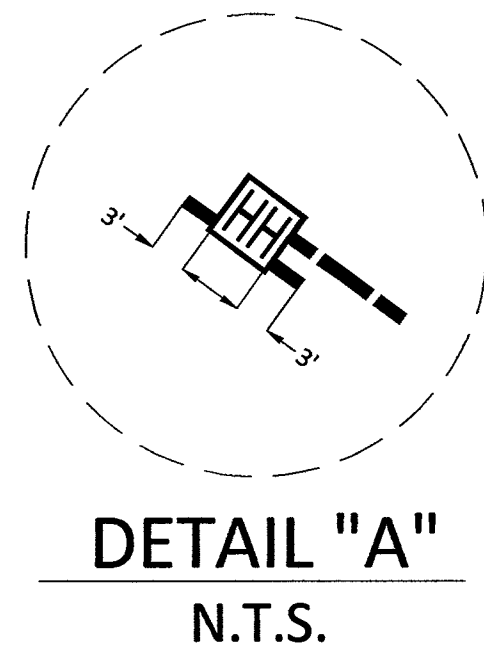
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SCALE
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MP TO MP
SHEET 21 OF 25
FILE: LSV DESOTO

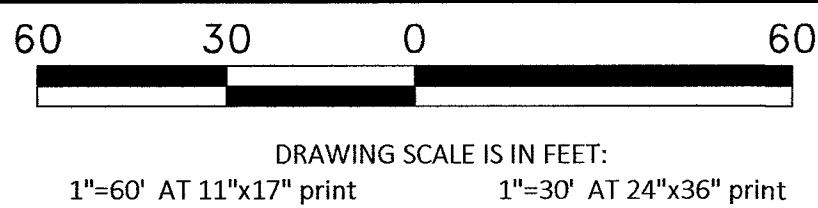


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CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



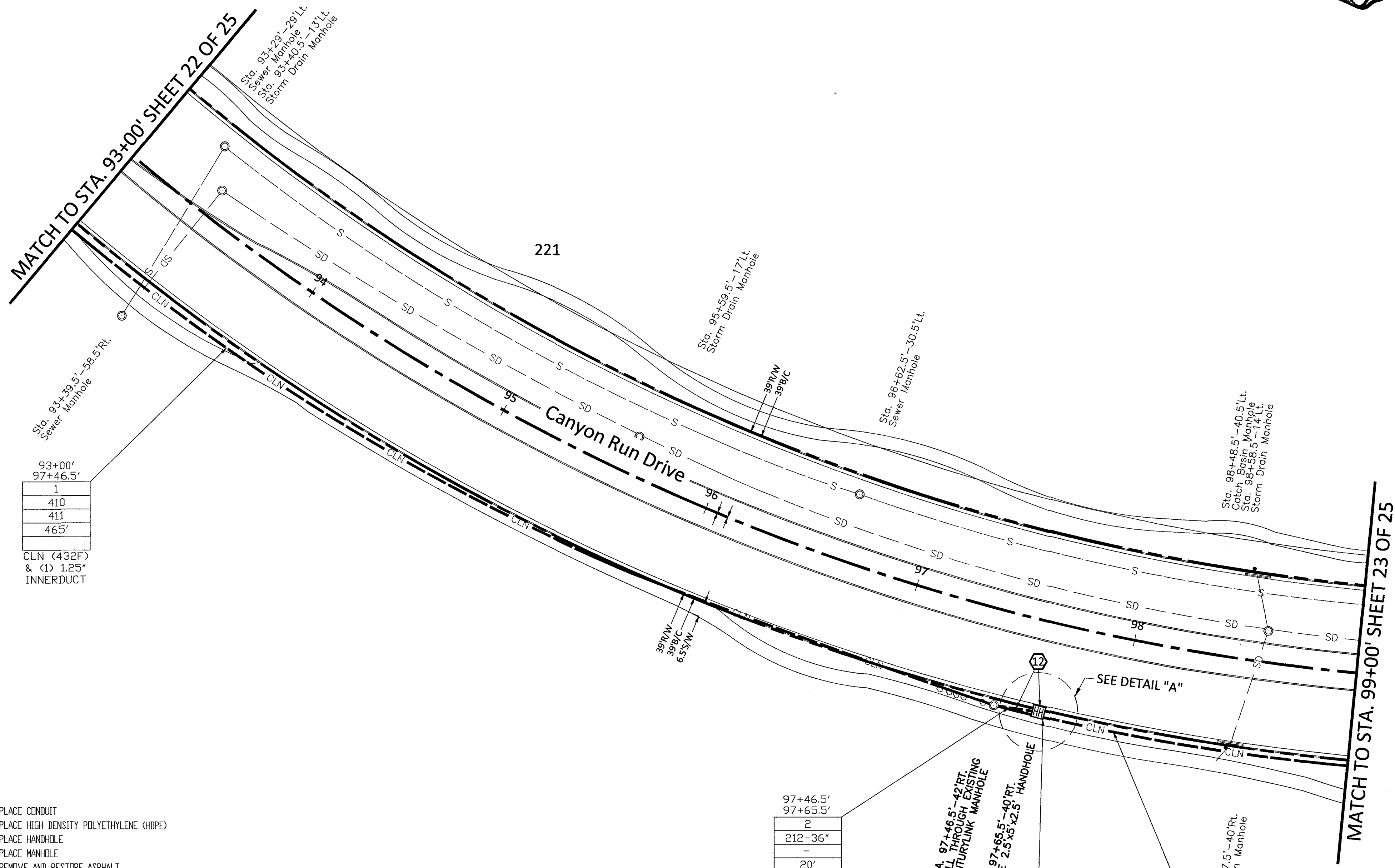
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TOTAL NEW UG FOOTAGE:	20'
TOTAL FOOTAGE:	645'



NOTE TO CONTRACTOR:
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& 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

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.

97+46.5'
97+65.5'
2
212'-36"
-
20'

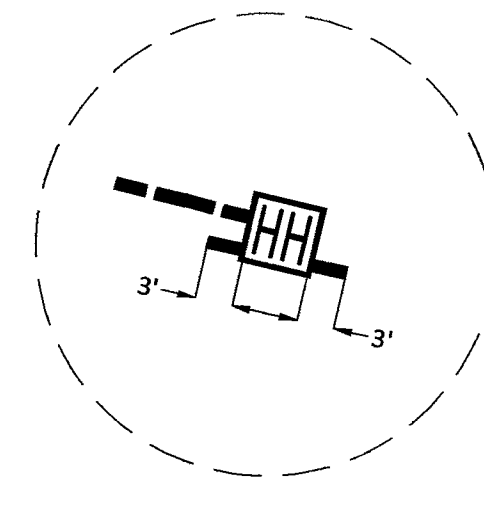
(1) 2.5" HDPE
432F

97+65.5'
99+00'
3
240
-
2.5' x 5' x 2.5'

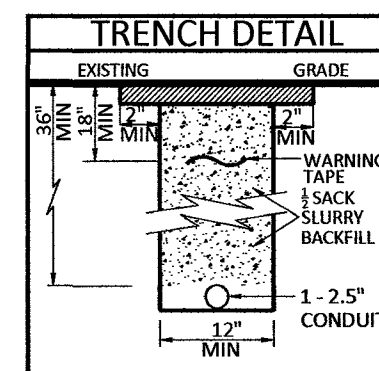
HANDHOLE

97+46.5'
99+00'
4
410
411
160'

CLN (432F)
& (1) 1.25"
INNERDUCT



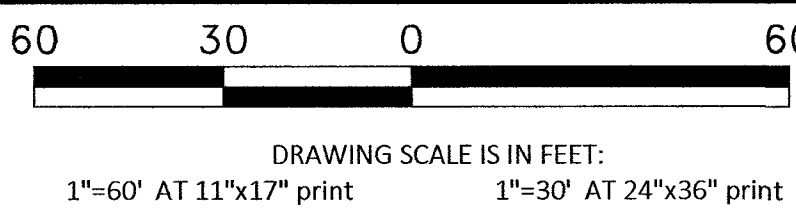
DETAIL "A"
N.T.S.



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	22 OF 25
FILE:	LSV DESOTO

CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



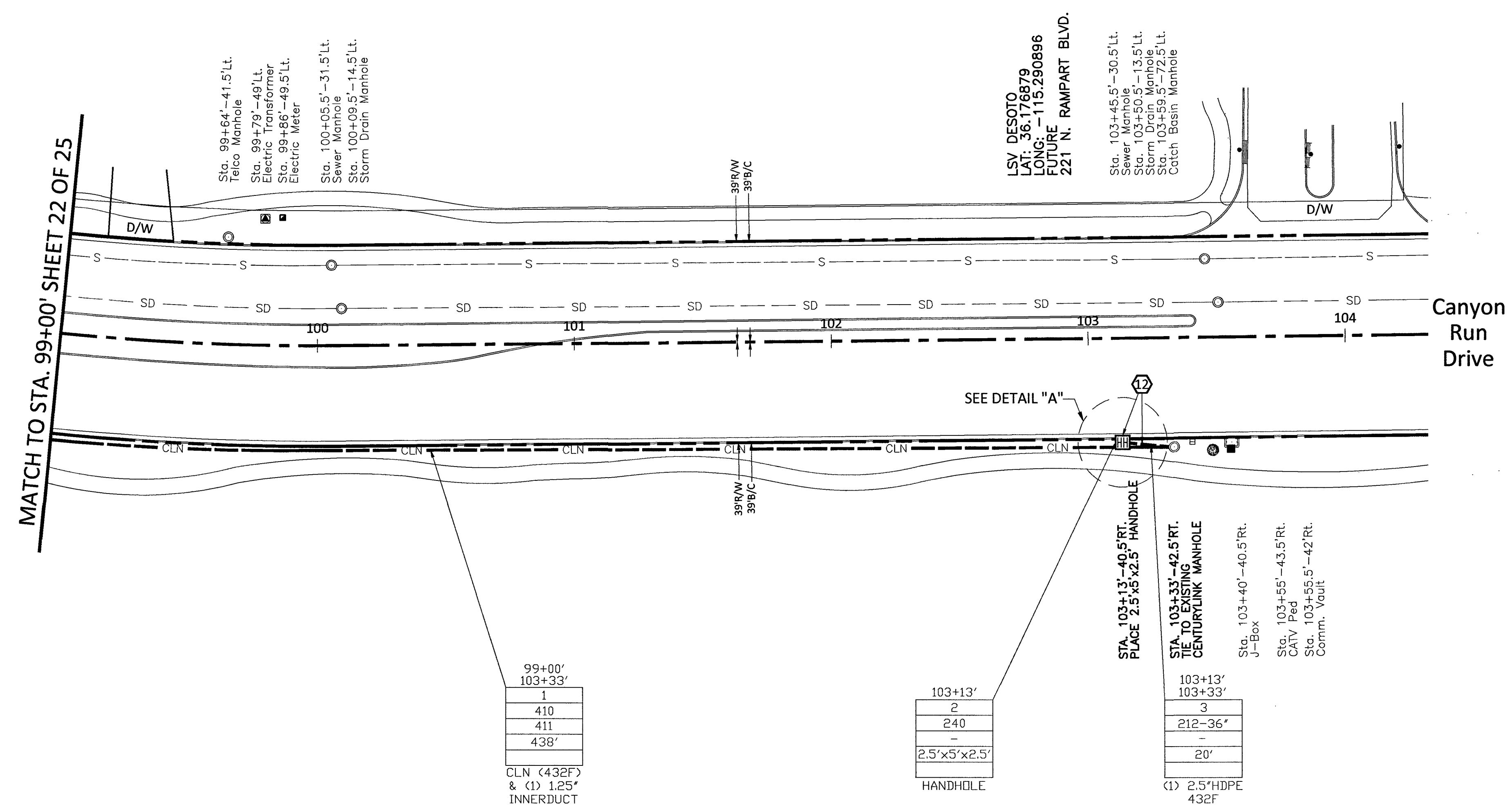
Call at least two full working days
before you begin excavation.



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

PROJECT: 901044, 901045,
901046, 901139,
901140, 901141
CELL SITE: LSV DESOTO
CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	6'
2.5" HDPE CONDUIT:	20'
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:	438'
TRENCH:	20'
TOTAL NEW UG FOOTAGE:	20'
TOTAL FOOTAGE:	458'



RTC NOTES:

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

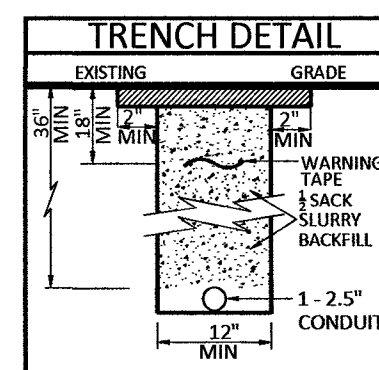
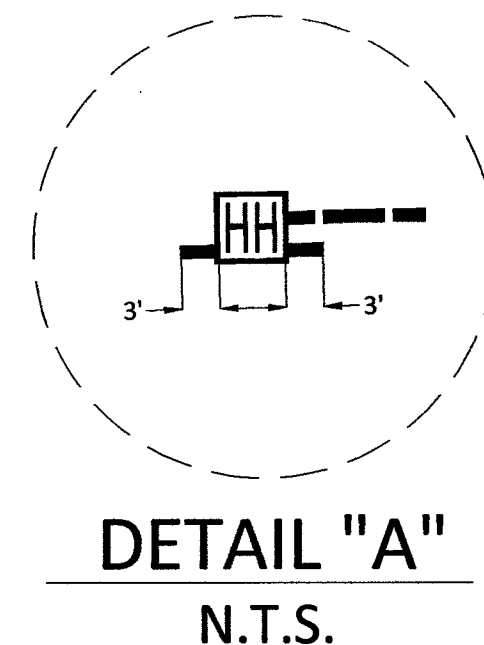
1	500.1	0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
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11	234	SIDEWALK
12		BACKFILL IN UNPAVED AREA AS REQUIRED BY LOCAL CODE OR AS APPROVED BY AGENCY.

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
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- 410 PULL CABLE
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- 630 DIRECTIONAL BORE

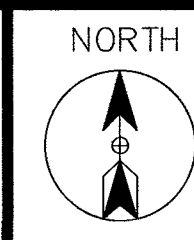


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SCALE	
HORIZONTAL:	1"=30'
VERTICAL:	NA
MP	TO MP
SHEET 23	OF 25
FILE:	LSV DESOTO

ROUTE SCHEMATIC

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



PROJECT: 901044, 901045, 901046, 901139, 901140, 901141
CELL SITE: LSV DESOTO
CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

FIBER TOTALS

FIBER SIZE/LENGTH: 432/6,471'

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

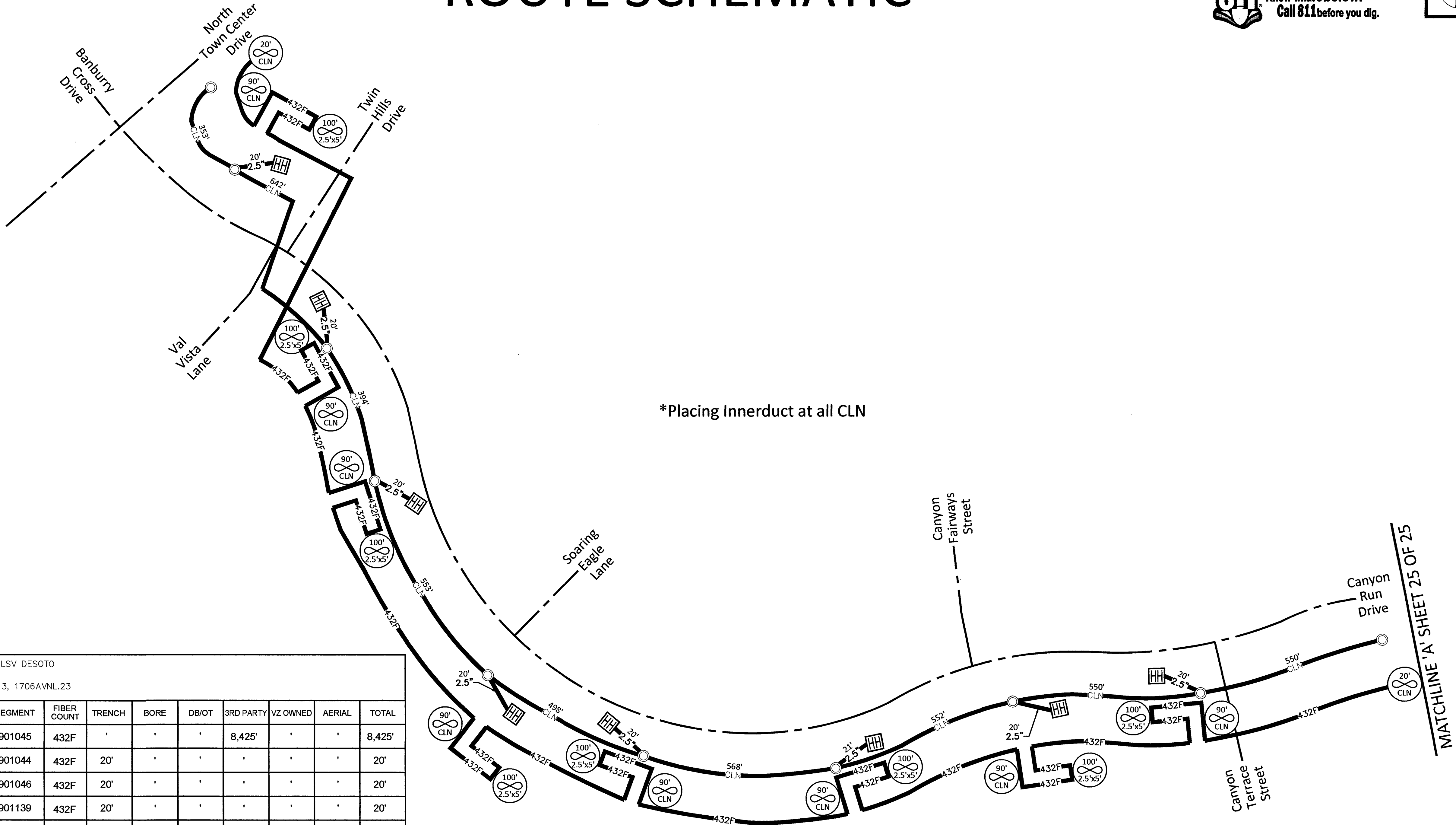
DATE: 10/17/2018
DRAWN BY: CMENDOZA

REVISIONS	
DATE	INITIAL

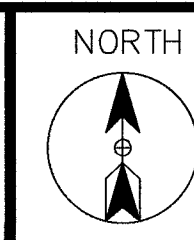
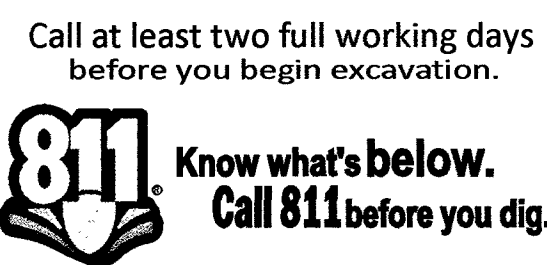
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SCALE
HORIZONTAL: 1"=30'
VERTICAL: NA
MP TO MP
SHEET 24 OF 25
FILE: LSV DESOTO

SITE-SPAN NAME: CELL SITE: LSV DESOTO									
SITE-SPAN ID: 1709AKKH.13, 1706AVNL.23									
FQID	SEGMENT	FIBER COUNT	TRENCH	BORE	DB/OT	3RD PARTY	VZ OWNED	AERIAL	TOTAL
FIB:BUR::56001888	901045	432F	'	'	'	8,425'	'	'	8,425'
FIB:BUR::56000412	901044	432F	20'	'	'	'	'	'	20'
FIB:BUR::56000416	901046	432F	20'	'	'	'	'	'	20'
FIB:BUR::56001888	901139	432F	20'	'	'	'	'	'	20'
FIB:BUR::56001888	901140	432F	20'	'	'	'	'	'	20'
FIB:BUR::56001888	901141	432F	20'	'	'	'	'	'	20'
FIB:BUR::56001888	901146	432F	20'	'	'	'	'	'	20'
FIB:BUR::56001888	901147	432F	20'	'	'	'	'	'	20'
FIB:BUR::56001888	901148	432F	20'	'	'	'	'	'	20'
FIB:BUR::56001888	901149	432F	20'	'	'	'	'	'	20'
FIB:BUR::56001888	901150	432F	20'	'	'	'	'	'	20'
FIB:BUR::56001888	901151	432F	21'	'	'	'	'	'	21'
FIB:BUR::56001888	901152	432F	20'	'	'	'	'	'	20'
FIB:BUR::56001888	901153	432F	20'	'	'	'	'	'	20'
FIB:BUR::56001888	901154	432F	21'	'	'	'	'	'	21'
FIB:BUR::56001888	901155	432F	20'	'	'	'	'	'	20'



ROUTE SCHEMATIC



PROJECT: 901044, 901045,
901046, 901139,
901140, 901141
CELL SITE: LSV DESOTO
CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

FIBER TOTALS

FIBER SIZE/LENGTH: 432/5,076'

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

DATE: 10/17/2018
DRAWN BY: CMENDOZA

REVISIONS	
DATE	INITIAL

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SCALE
HORIZONTAL: 1"=30'
VERTICAL: NA
MP TO MP
SHEET 25 OF 25
FILE: LSV DESOTO

