

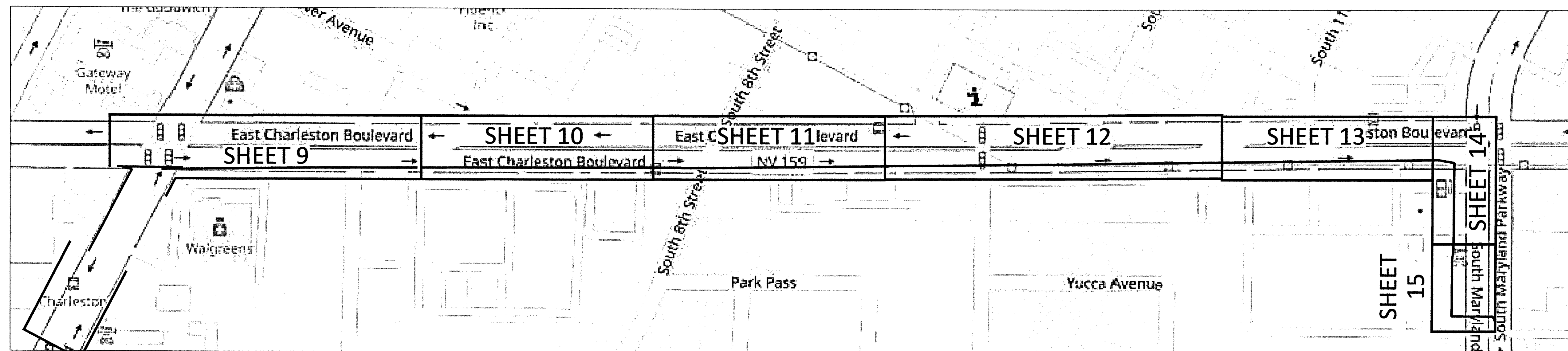
FIB:BUR::56000318

NORTH

A simple compass rose with a circle in the center. Four arrows point outwards towards the top, bottom, left, and right, labeled 'NORTH', 'SOUTH', 'EAST', and 'WEST' respectively.

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
1	1
2	1
3	1
4	1
5	1
6	1
7	1
8	1
9	1
10	1
11	1
12	1
13	1
14	1
15	1
16	1
17	1
18	1
19	1
20	1
21	1
22	1
23	1
24	1
25	1
26	1
27	1
28	1
29	1
30	1
31	1
32	1
33	1
34	1
35	1
36	1
37	1
38	1
39	1
40	1
41	1
42	1
43	1
44	1
45	1
46	1
47	1
48	1
49	1
50	1
51	1
52	1
53	1
54	1
55	1
56	1
57	1
58	1
59	1
60	1
61	1
62	1
63	1
64	1
65	1
66	1
67	1
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
89	1
90	1
91	1
92	1
93	1
94	1
95	1
96	1
97	1
98	1
99	1
100	1



MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV FBI

PROJECT TITLE

DATE: 11/15/2018

DRAWN BY: PVEGA

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 1 OF 16

FILE: LSV FBI - CITY OF LAS VEGAS 11-15-18

\\VERIZON ONE\FIBER\LAS VEGAS\LSV FOREMASTER\LSV FBI\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
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): 7,490'
2.5" HDPE CONDUIT(S): 20'
4" HDPE CONDUIT(S): 116'
2' x 3' x 2' HANDHOLE(S): -
2.5' x 5' x 2.5' HANDHOLE(S): 5
4' x 4' x 4' HANDHOLE(S): -
MANHOLES: -

WORK TYPE

AERIAL: -
VZW CONDUIT: -
3RD PARTY CONDUIT: 397'
TRENCH: 273'
ASPHALT CUT: 3,593'
BORE: -
TOTAL NEW UG FOOTAGE: 3,816'
TOTAL FOOTAGE: 4,263'



PROJECT: 916036, 916037,
916038, 916039,
916132

CELL SITE: LSV_FBI_CLV_PERMIT
DESIGNS_REV_111519
CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION
TITLE: CELL SITE: LSV_FBI_CLV_PERMIT
DESIGNS_REV_111519
PROJECT TITLE

DATE: 11/15/2019
DRAWN BY: RJOHNSON

REVISIONS

DATE	DESCRIPTION	INITIAL
01-11-19	ADDED HANDHOLE SHEET 10, ADJUSTED FOOTAGE TOTALS SHEETS 3, 10, 16, ADJUSTED SCHEMATIC SHEET 16	JJ
10-17-19	ADDED HH SHT. 9, CHANGED R/L TO DB SHTS. 9-10, MOVED MH SHT. 9	JS
11-15-19	RE-ROUTED R/L TO TIE TO ANOTHER CUN MH, CHANGED TO 4" HDPE.	RJ

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

FILE: DESIGNS_111519

L18-02091-R003

107V7541-F1B

Replot

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

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): 6,680'
4" HDPE CONDUIT(S): -
2' x 3' x 2' HANDHOLE(S): 1
2.5' x 5' x 2.5' HANDHOLE(S): 2
4' x 4' x 4' HANDHOLE(S): -
MANHOLES: -

WORK TYPE

AERIAL: -
VZW CONDUIT: -
3RD PARTY CONDUIT: 830'
TRENCH: 48'
ASPHALT CUT: -
BORE: 3,283'

TOTAL NEW UG FOOTAGE: 3,331'
TOTAL FOOTAGE: 4,161'



PROJECT: 916036, 916037,
916038, 916039,
916132

CELL SITE: LSV FBI

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

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

DATE: 11/15/2018

DRAWN BY: PVEGA

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

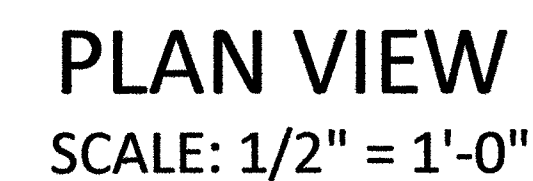
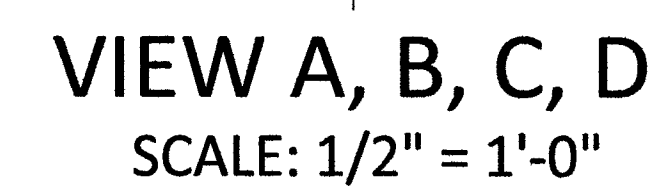
SHEET 3 OF 16

LSV FBI - CITY OF LAS
FILE: VEGAS 11-15-18

0 10 20 30 40 50

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

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

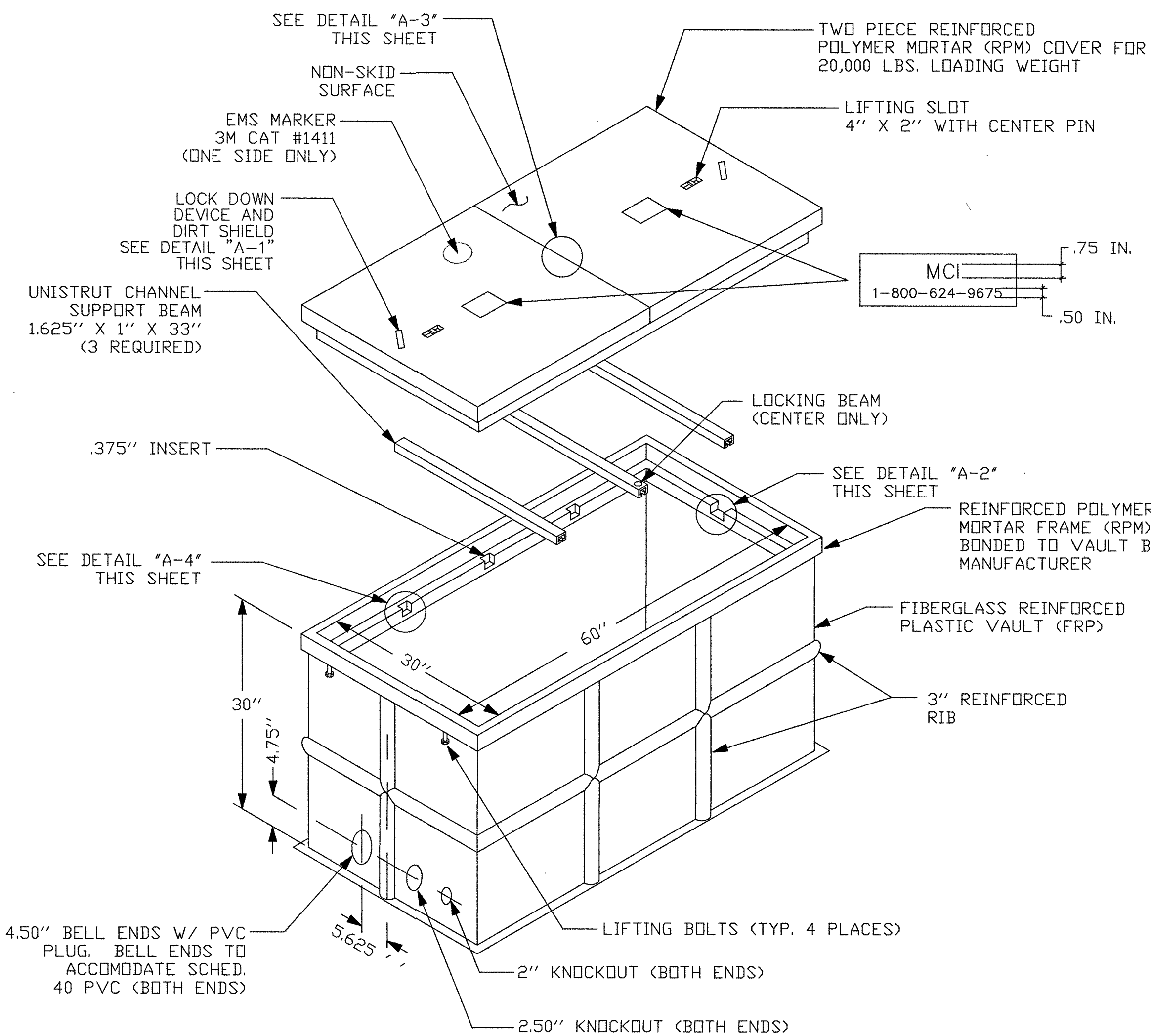


4'x4'x4' TYPE "S" KNOCKOUT

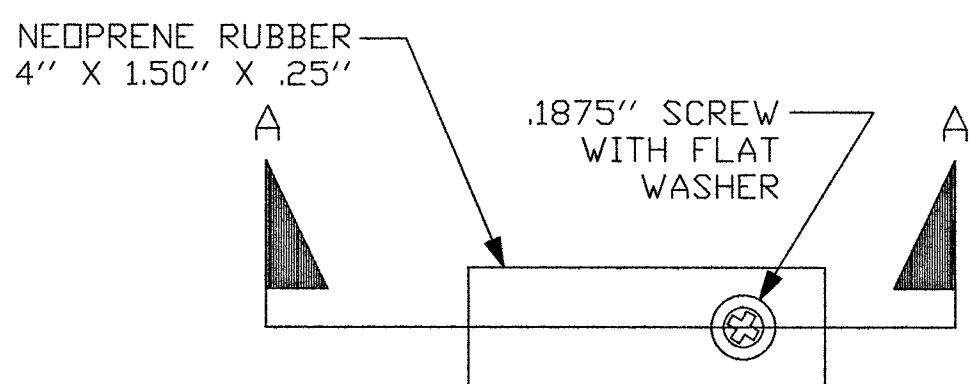
FILE: LSV FBI - CITY OF LAS
VEGAS 11-15-18

2.5' x 5' x 2.5' HANDHOLE DETAILS

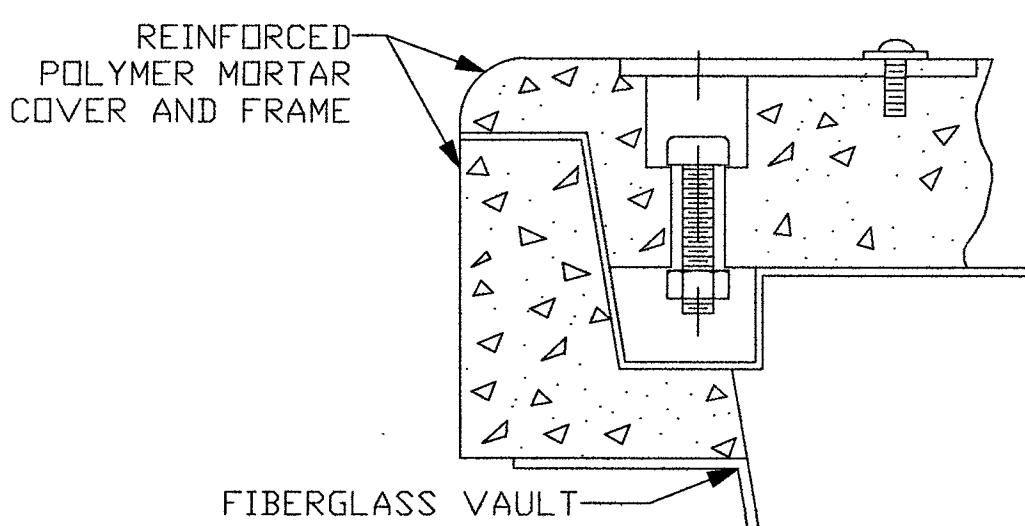
DETAIL "A"
EXPLODED ISOMETRIC DETAIL



DETAIL "A-1"
LOCK DOWN DEVICE

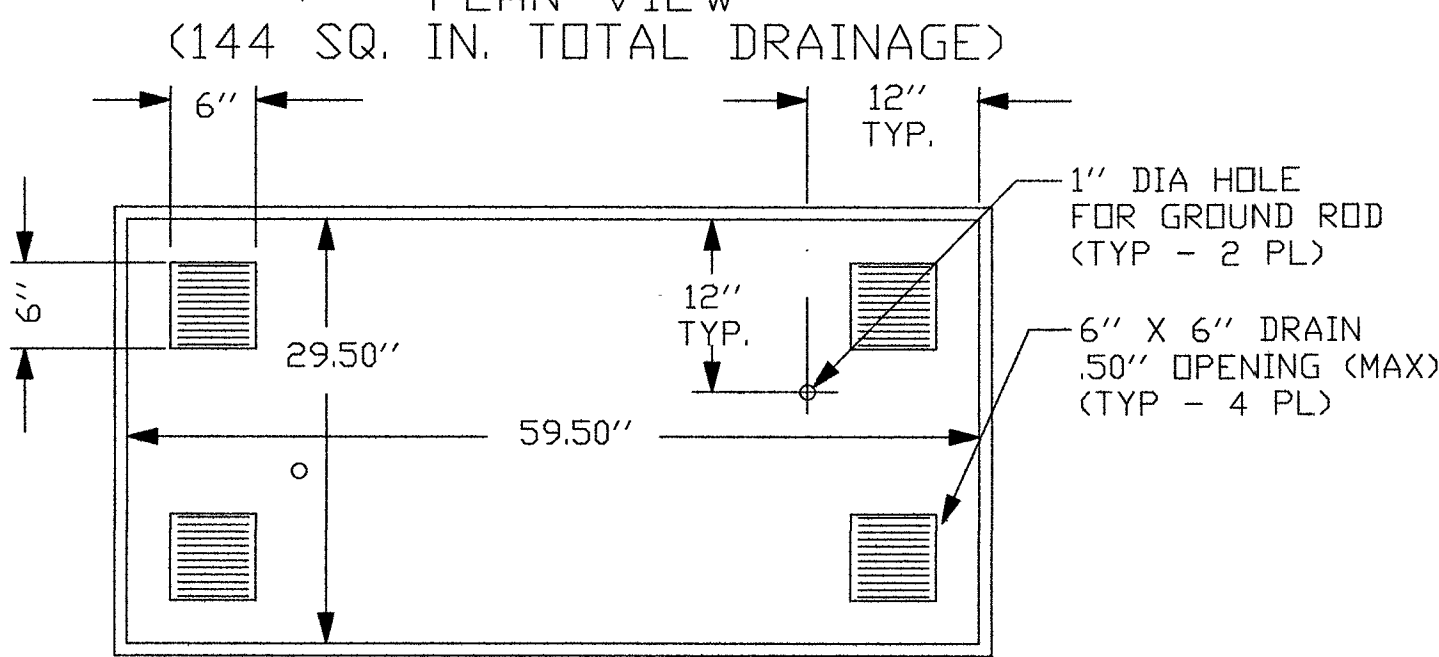


SECTION A-A
LOCKING DEVICE CROSS SECTION



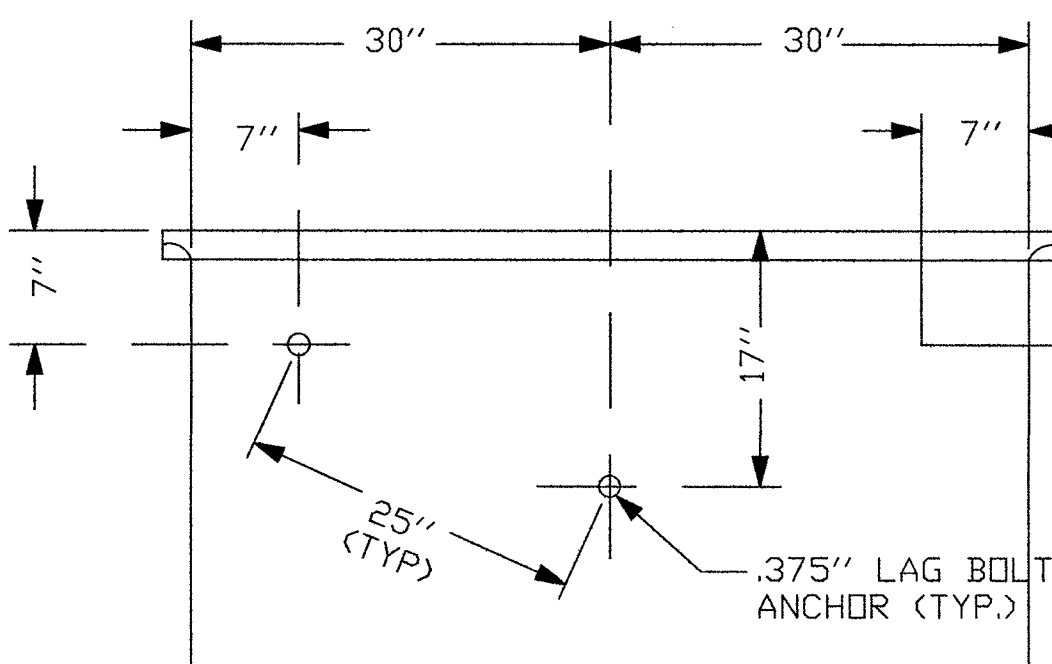
DETAIL "B"

VAULT BOTTOM PLAN VIEW



DETAIL "D"

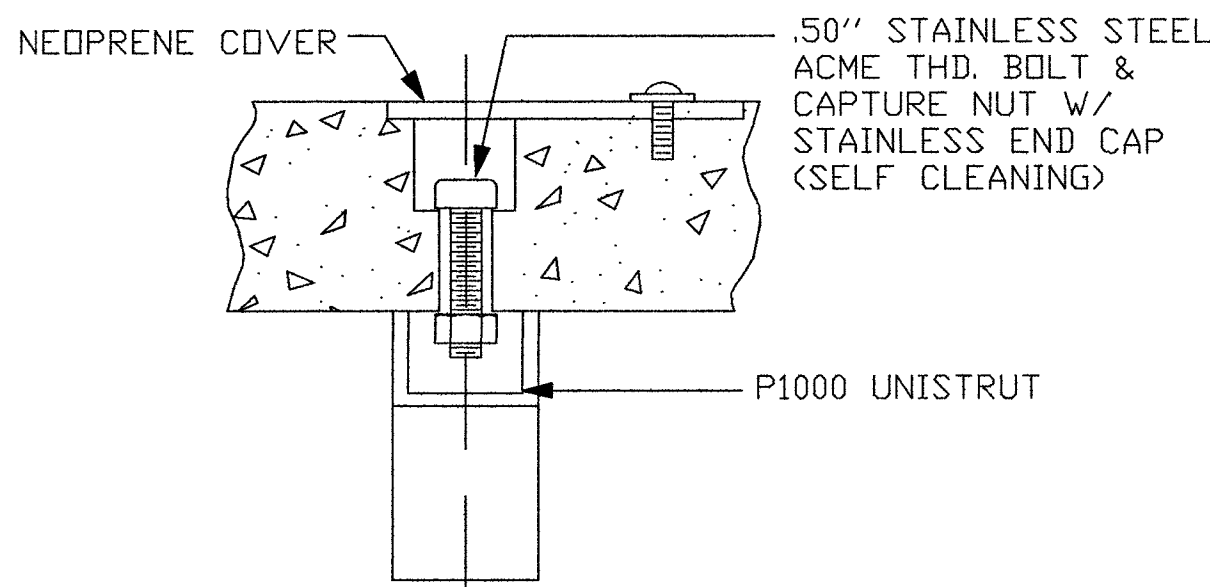
SIDE WALL VIEW INSIDE LOOKING OUT



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

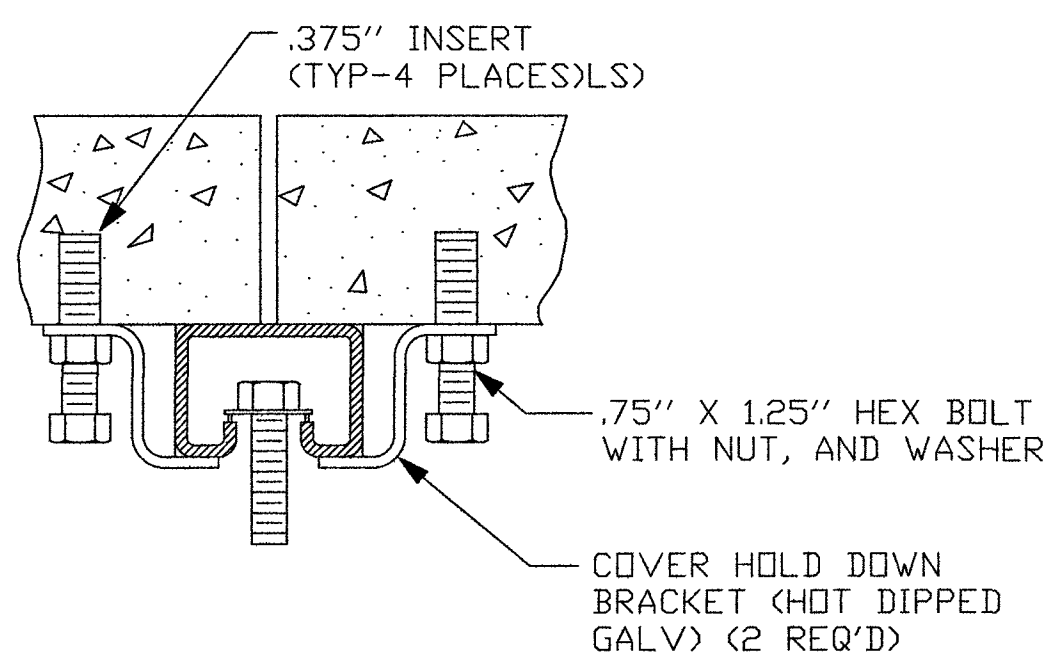
DETAIL "A-2"

ENGAGED LOCK DOWN DEVICE



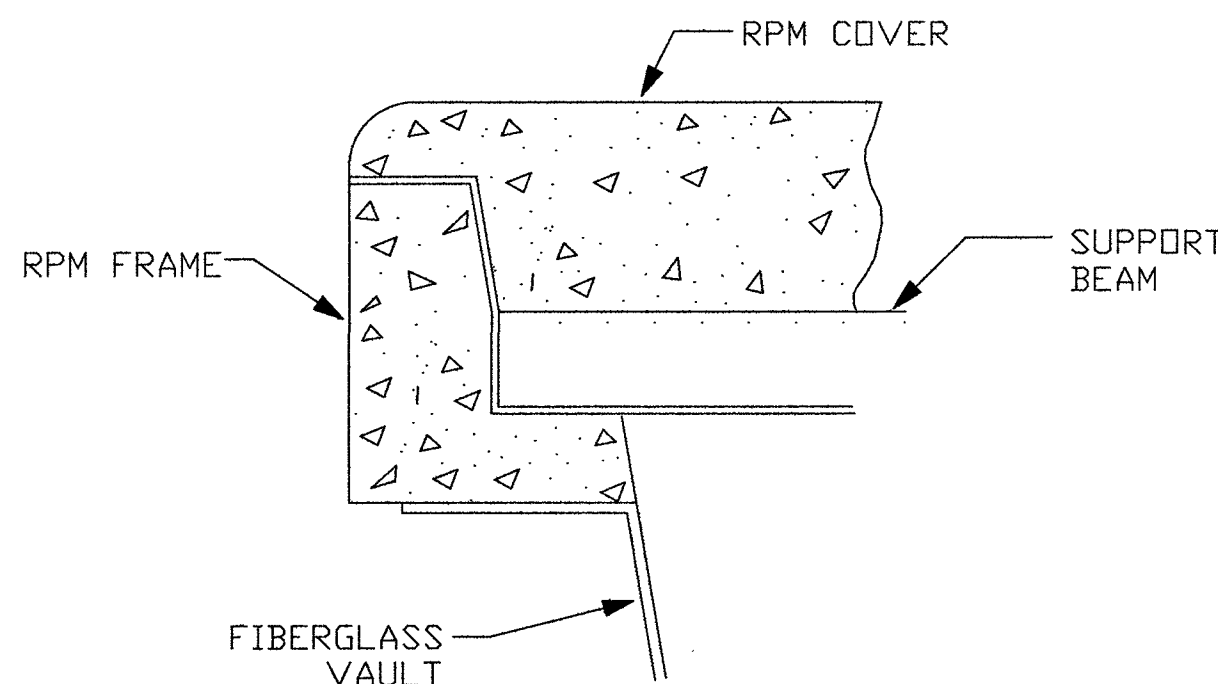
DETAIL "A-3"

COVER HOLD DOWN BRACKET OF 2-PIECE RPM COVER



DETAIL "A-4"

SUPPORT BEAM INSTALLATION (TYP. AT 6 PLACES)



NOTES:

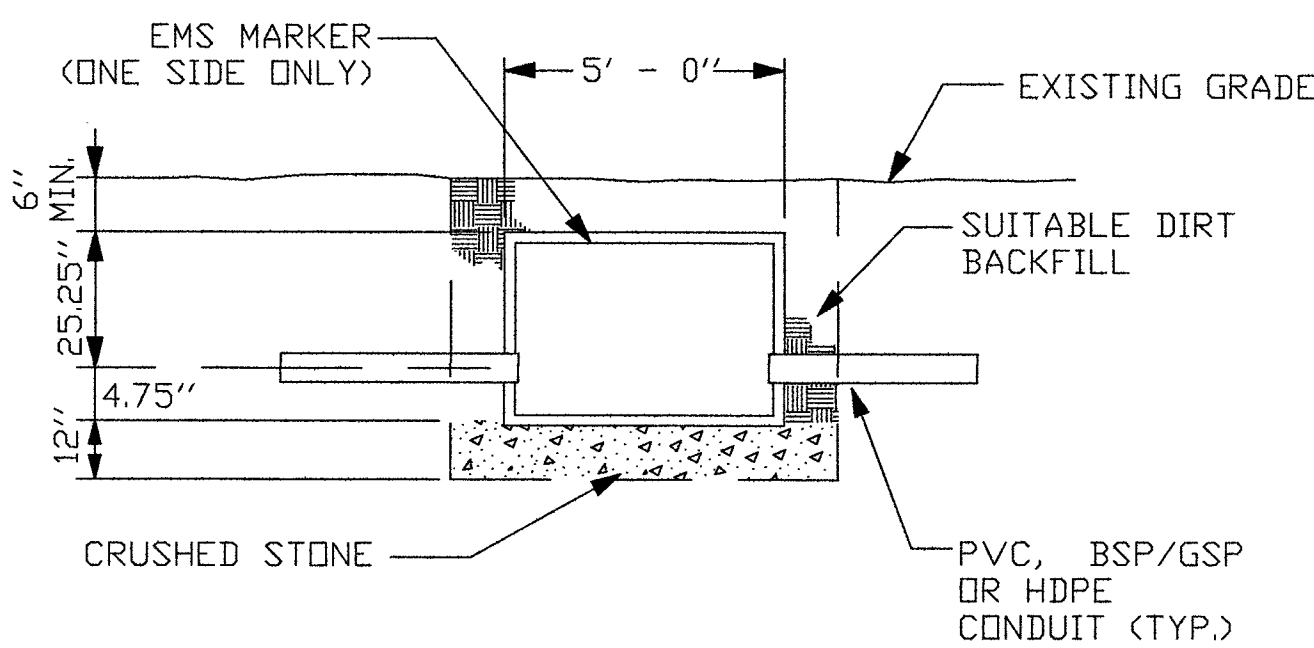
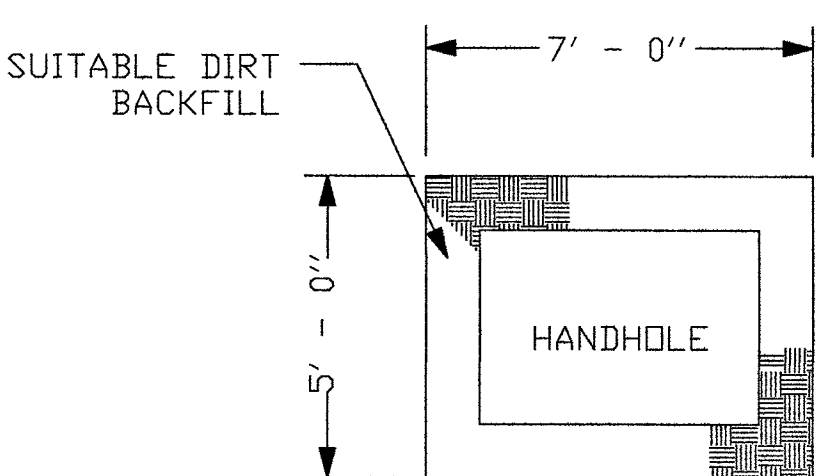
1. VOID IN EXCAVATED AREAS TO BE BACKFILLED WITH SELECT MATERIAL.
2. BOTTOM OF EXCAVATED PIT TO BE BACKFILLED WITH 12" OF CRUSHED STONE (.75" GRADE).
3. SHORING WILL BE REQUIRED.
4. ALL HANDHOLES SHALL BE PLACED BELOW EXISTING GRADE.
5. THIS HANDHOLE IS OF FIBERGLASS MATERIAL, APPROXIMATELY POUNDS IN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

DETAIL "C"

EXCAVATION PIT

PLAN

PROFILE



PROJECT: 916036, 916037, 916038, 916039, 916132

CELL SITE: LSV FBI

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV FBI

PROJECT TITLE

DATE: 11/15/2018

DRAWN BY: PVEGA

REVISIONS

DATE INITIAL

SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 6 OF 16

LSV FBI - CITY OF LAS VEGAS 11-15-18

FILE #
A6-1974TAPMC13



13230 Satcoy Street,
North Hollywood, CA 91605
(818) 982-3600

ARMORCAST® PRODUCTS COMPANY

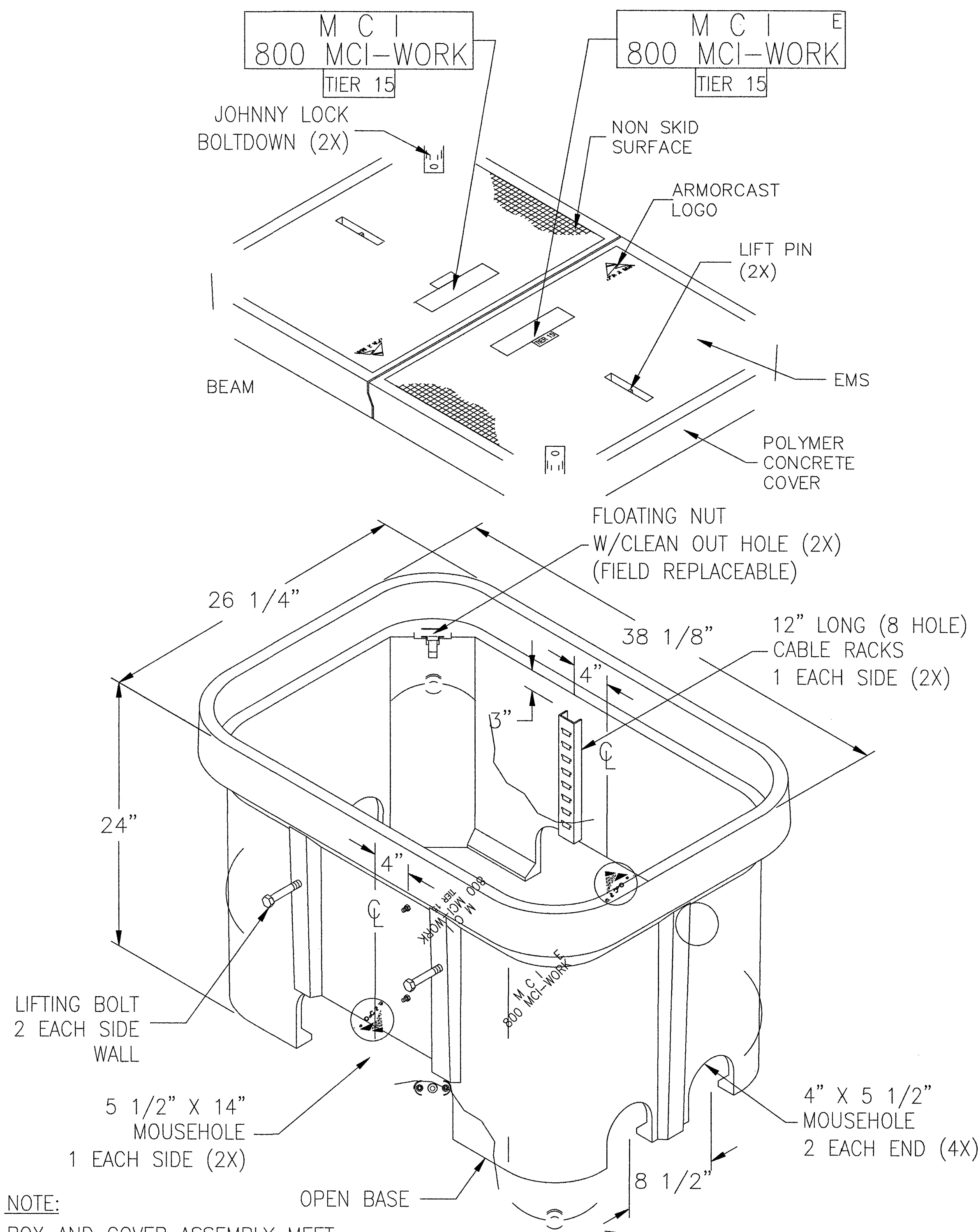
"THE INFORMATION IN THIS DRAWING IS CONFIDENTIAL. THE DRAWING IS NOT TO BE REPRODUCED OR ITS CONTENTS DIVULGED IN ANY WAY WHATSOEVER EXCEPT WITH THE PRIOR WRITTEN APPROVAL OF ARMORCAST PRODUCTS COMPANY. IT IS THE PROPERTY OF AND MUST BE RETURNED TO ARMORCAST PRODUCTS COMPANY, 13230 SATICOY STREET, NORTH HOLLYWOOD, CALIFORNIA 91605."

PART DESCRIPTION
24" X 36" X 24" POLYMER CONCRETE BOX ASSEMBLY

CUSTOMER
VERIZON

DRAWN	DATE	SCALE
GL	6/17	NONE
APPROV.	DATE	MATERIAL
WS	6/17	POLYMER CONCRETE

MAX. LOAD
TIER 15
DRAWING NUMBER
A6001974TAPMC13

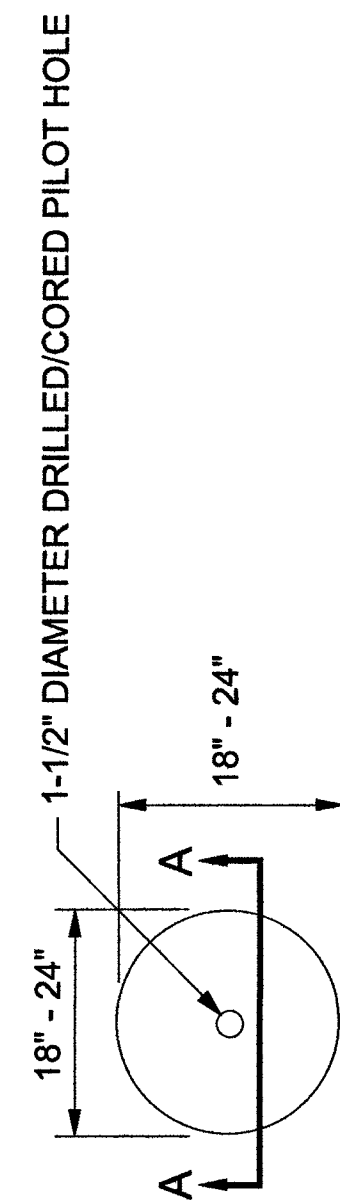


NOTE:
BOX AND COVER ASSEMBLY MEET
ANSI/SCTE 77 TIER 15 LOADING

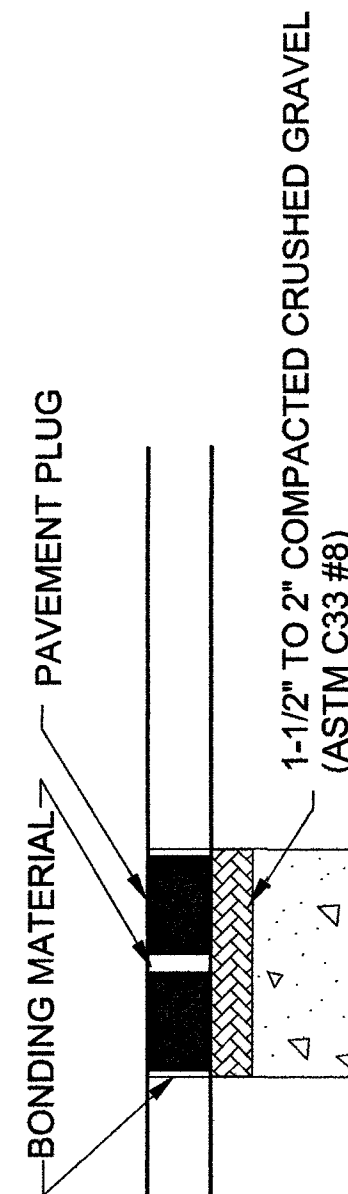
TYPE B - KEYHOLE REPAIR REQUIRED FOR ROW WIDTH GREATER THAN 60' OPTIONAL FOR ROW WIDTH 60' OR LESS

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 AASHTO H-25 LOADING WITHIN 30 MINUTES OF APPLICATION. BOND AGENT MUST SHOW A MINIMUM 20 PSI BOND STRENGTH (ASTM C882) 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.



POT HOLE PLAN VIEW
(NOMINAL DIMENSIONS)



POT HOLE PROFILE

PAVEMENT REPAIR
TYPE A OR B
FLUSH WITH EXISTING PAVEMENT

ASPHALT
VARIABLE
THICKNESS

AGENCY-APPROVED MATERIAL
OR 1/2-SACK CLSM PER SEC. 728
FROM 6" ABOVE TOP OF THE
HIGHEST UTILITY TO THE
BOTTOM OF PAVEMENT REPAIR.

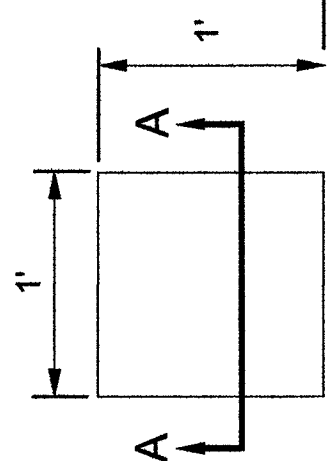
6" BEDDING ABOVE TOP OF
THE HIGHEST UTILITY PIPE
TO CONFORM TO SECTION 208

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.

POT HOLE PLAN VIEW
(NOMINAL DIMENSIONS)



POT HOLE PROFILE

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

TACK EDGES

AGENCY APPROVED B C H L M N

SPECIFICATION REFERENCE

215	KEYHOLE POT HOLE EXCAVATION
	AND BACKFILL

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

UTILITY POT HOLE REPAIR

DATE 01-01-12 DWG. NO. 506



PROJECT: 916036, 916037,
916038, 916039,
916132

CELL SITE: LSV FBI

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV FBI

PROJECT TITLE

DATE: 11/15/2018

DRAWN BY: PVEGA

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 CONFERENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE

HORIZONTAL: 1"=30'

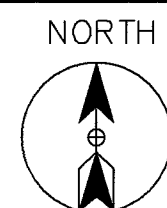
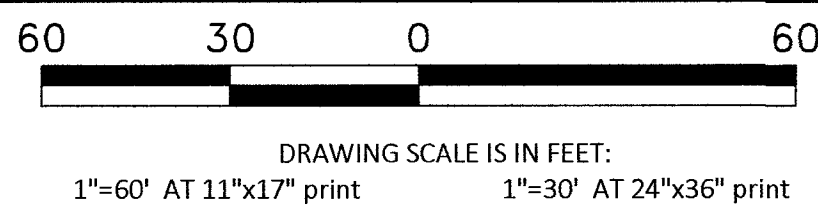
VERTICAL: NA

MP TO MP

SHEET 7 OF 16

LSV FBI - CITY OF LAS
FILE: VEGAS 11-15-18

CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



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



PROJECT: 916036, 916037,
916038, 916039,
916132
CELL SITE: LSV_FBI_CLV_PERMIT
DESIGNS_REV_111519
CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL	
2" HDPE CONDUIT:	848'
2.5" HDPE CONDUIT:	20'
4" HDPE CONDUIT:	66'
2' x 3' x 2' HANDHOLE(S):	1
2.5' x 5' x 2.5' HANDHOLE(S):	2
4' x 5' x 4' HANDHOLE(S):	1
MANHOLE(S):	1
AERIAL:	1
VZW CONDUIT:	
3RD PARTY CONDUIT:	397'
TRENCH:	86'
BORE:	418'
TOTAL NEW UG FOOTAGE:	504'
TOTAL FOOTAGE:	901'

COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION
TITLE: CELL SITE: LSV_FBI_CLV_PERMIT
DESIGNS_REV_111519
PROJECT TITLE

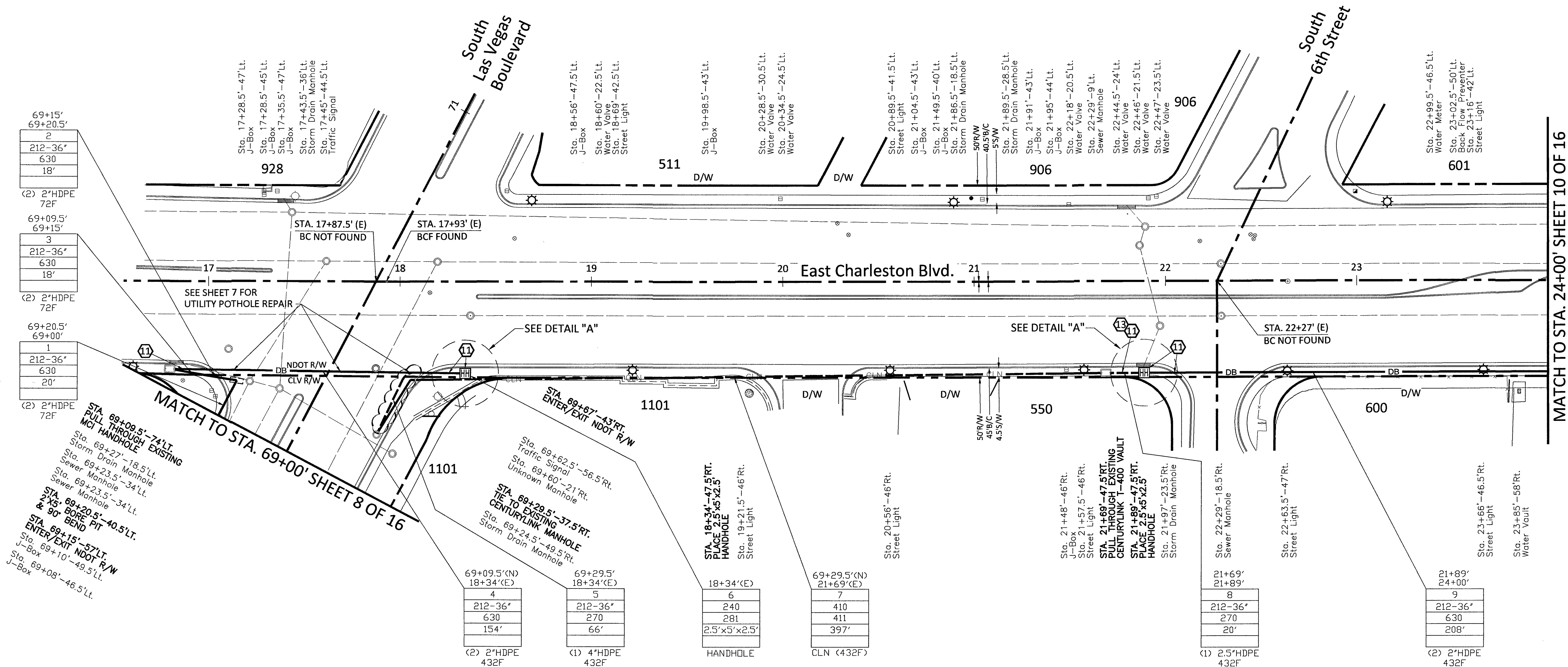
DATE: 11/15/2019
DRAWN BY: RJOHNSON

DATE	DESCRIPTION	INITIAL
01-11-19	ADDED HANDHOLE SHEET 10, ADJUSTED FOOTAGE TOTALS SHEETS 3, 10, 16, ADJUSTED SCHEMATIC SHEET 16	JJ
10-17-19	ADDED HH SHT. 9, CHANGED RL TO DB SHTS. 9-10, MOVED MH SHT. 9	JS
11-15-19	RE-ROUTED RL TO TIE TO ANOTHER CLN MH, CHANGED TO 4" HDPE.	RJ

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	9 OF 16
FILE: DESIGNS_111519	

M:\VERSION ONE\FIBER\LAS VEGAS\SV FOREMASTER\LSV FBI\CONSTRUCTION DRAWINGS



RTC NOTES:

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

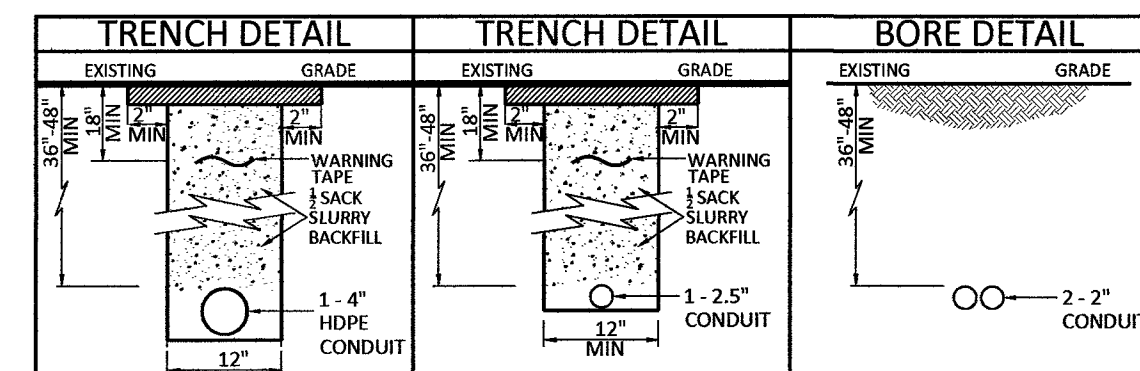
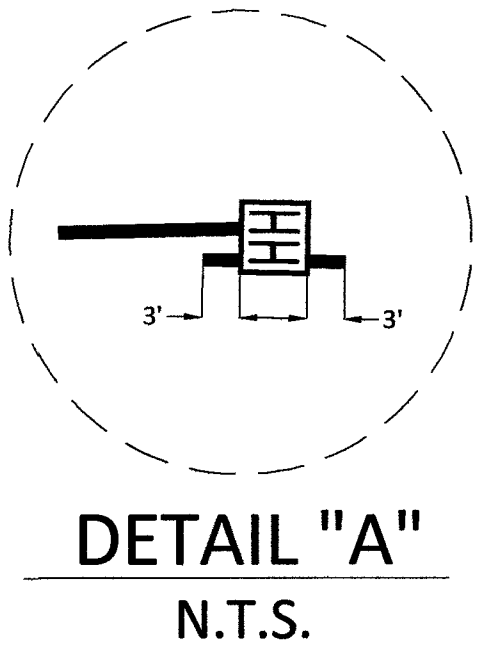
1	500.1	0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
2	500.2	0 TO 5 YEARS PAVEMENT RESTORATION TRAVERSE CUT
3	500.3	OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, GREATER THAN 60' R.O.W
4	500.4	OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, 60' R.O.W OR LESS
5	500.5	OVER 5 YEARS PAVEMENT 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.

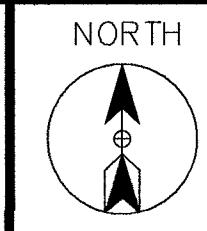
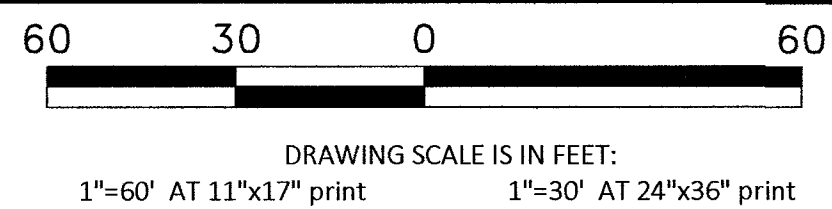
CONTRACTOR TO PLACE LOCATE WIRE AND
MULE TAPE IN ALL CONDUIT PLACED

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



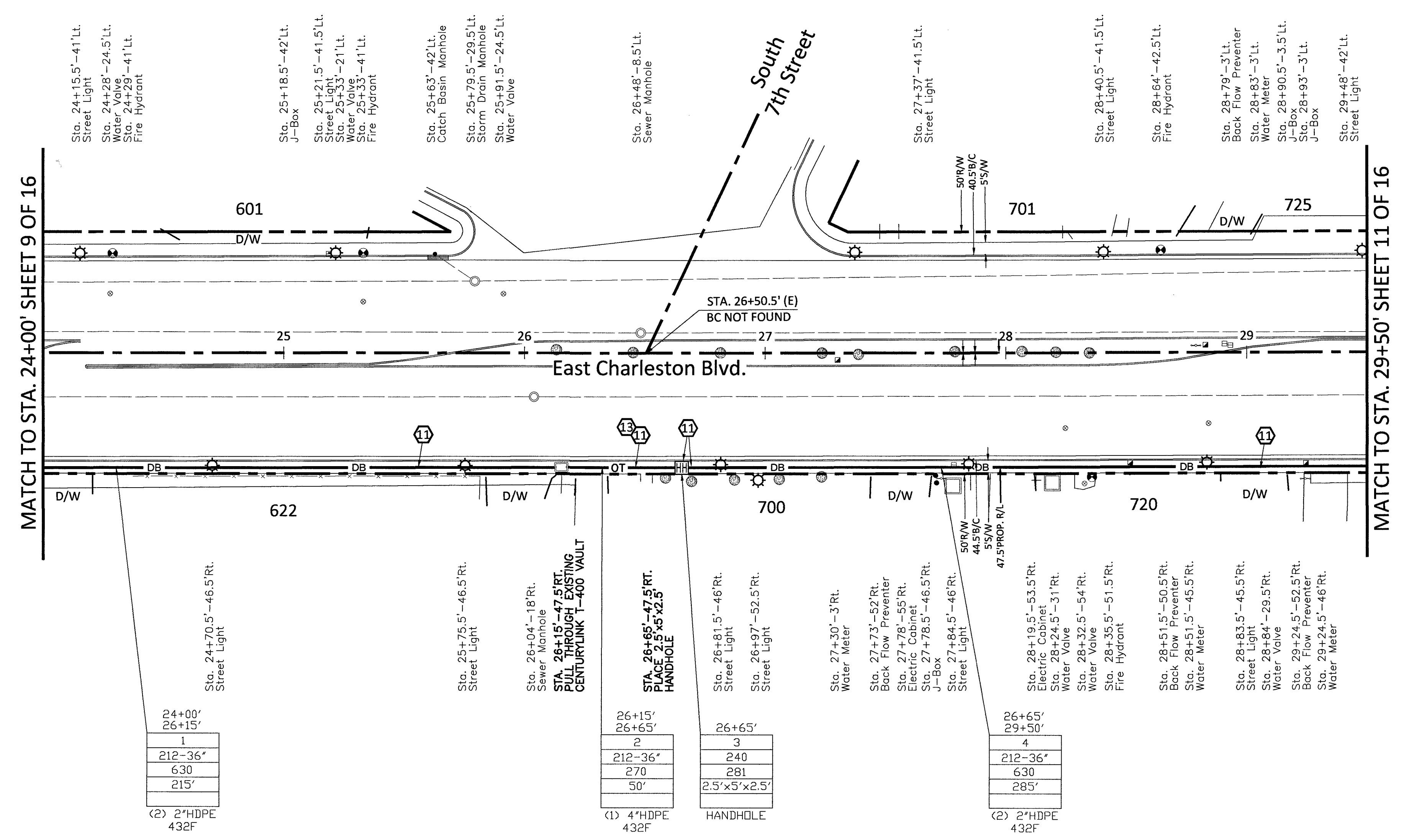
CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



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

PROJECT: 916036, 916037,
916038, 916039,
916132
CELL SITE: LSV_FBI_CLV_PERMIT
DESIGNS_REV_111519
CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	1,006'
4" HDPE CONDUIT:	50'
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:	-
BORE:	500'
TRENCH:	50'
TOTAL NEW UG FOOTAGE:	500'
TOTAL FOOTAGE:	550'



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:
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

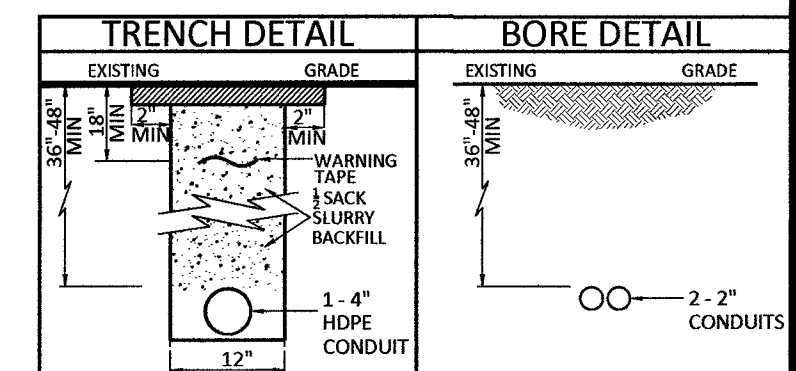
- 210 PLACE CONDUIT
- 212 PLACE HIGH DENSITY POLYETHYLENE (HDPE)
- 240 PLACE HANDHOLE
- 250 PLACE MANHOLE
- 270 REMOVE AND RESTORE ASPHALT
- 280 REMOVE AND RESTORE CONCRETE
- 281 REMOVE AND RESTORE SIDEWALK
- 282 REMOVE AND RESTORE CURBING
- 410 PULL CABLE
- 411 PULL THROUGH DUCT (INNERDUCT)
- 520 PLACE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

DATE: 11/15/2019
DRAWN BY: RJOHNSON

REVISIONS		
DATE	DESCRIPTION	INITIAL
01-11-19	ADDED HANDHOLE SHEET 10, ADJUSTED FOOTAGE TOTALS SHEETS 3, 10, 16, ADJUSTED SCHEMATIC SHEET 16	JJ
10-17-19	ADDED HH SHT. 9, CHANGED R/L TO DB SHTS. 9-10, MOVED MH SHT. 9	JS
11-15-19	RE-ROUTED R/L TO TIE TO ANOTHER CLN MH, CHANGED TO 4" HDPE.	RJ

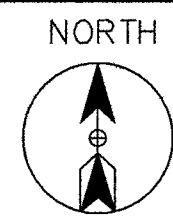
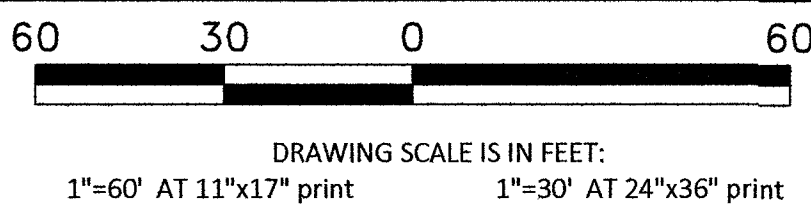
EXCEPT AS MAY BE OTHERWISE PROVIDED BY
CONTRACT, THESE DRAWINGS AND SPECIFICATIONS
SHALL REMAIN THE PROPERTY OF MCI
COMMUNICATIONS SERVICES, INC. BOTH BEING
ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE
REPRODUCED, COPIED, OR USED FOR ANY PURPOSE
WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE
HORIZONTAL: 1"=30'
VERTICAL: NA
MP TO MP
SHEET 10 OF 16
FILE: DESIGNS_111519



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: 916036, 916037,
916038, 916039,
916132

CELL SITE: LSV FBI

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL

2" HDPE CONDUIT: 670'

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: 215'

BORE: 335'

TRENCH: -

TOTAL NEW UG FOOTAGE: 335'

TOTAL FOOTAGE: 550'

MCI
COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV FBI

DATE: 11/15/2018

DRAWN BY: PVEGA

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 CONFERENCE AND SHALL NOT BE
REPRODUCED, COPIED, OR USED FOR ANY PURPOSE
WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE

HORIZONTAL: 1"=30'

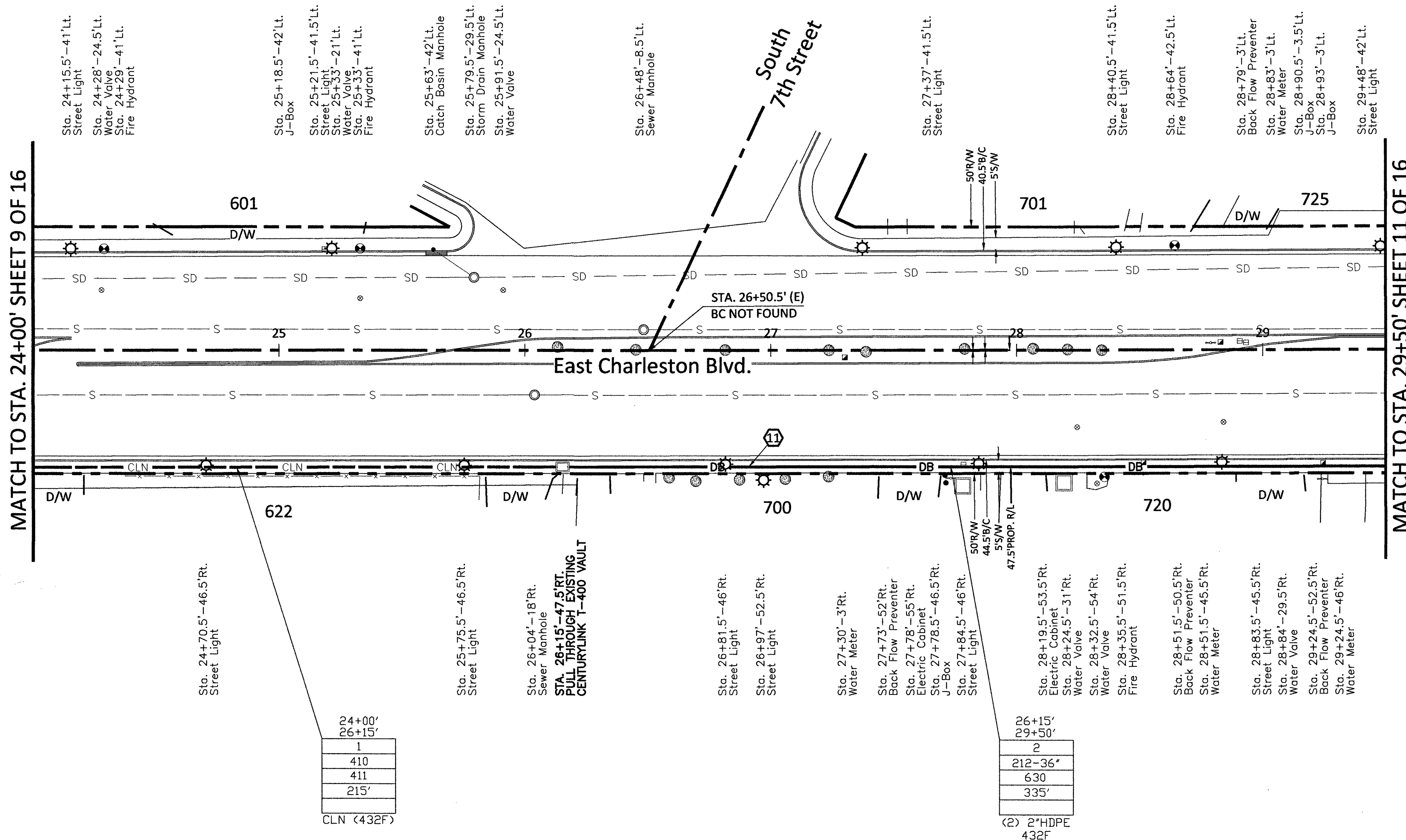
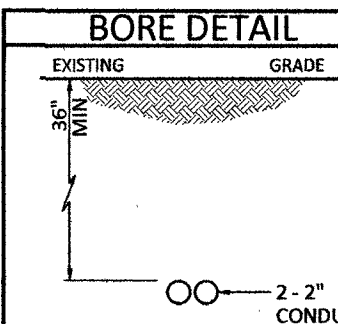
VERTICAL: NA

MP TO MP

SHEET 10 OF 16

LSV FBI - CITY OF LAS

FILE: VEGAS 11-15-18



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.	

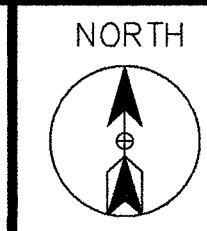
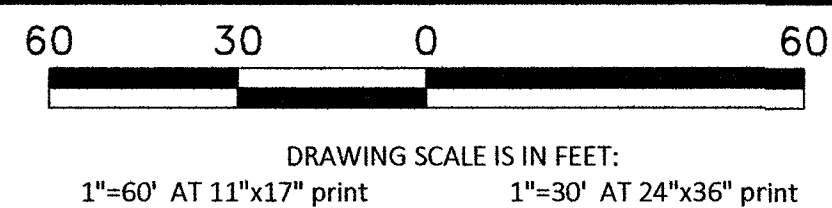
NOTE TO CONTRACTOR:
CONTRACTOR TO POTHOLE AND LOCATE ALL
UTILITIES PRIOR TO STARTING CONSTRUCTION.

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.

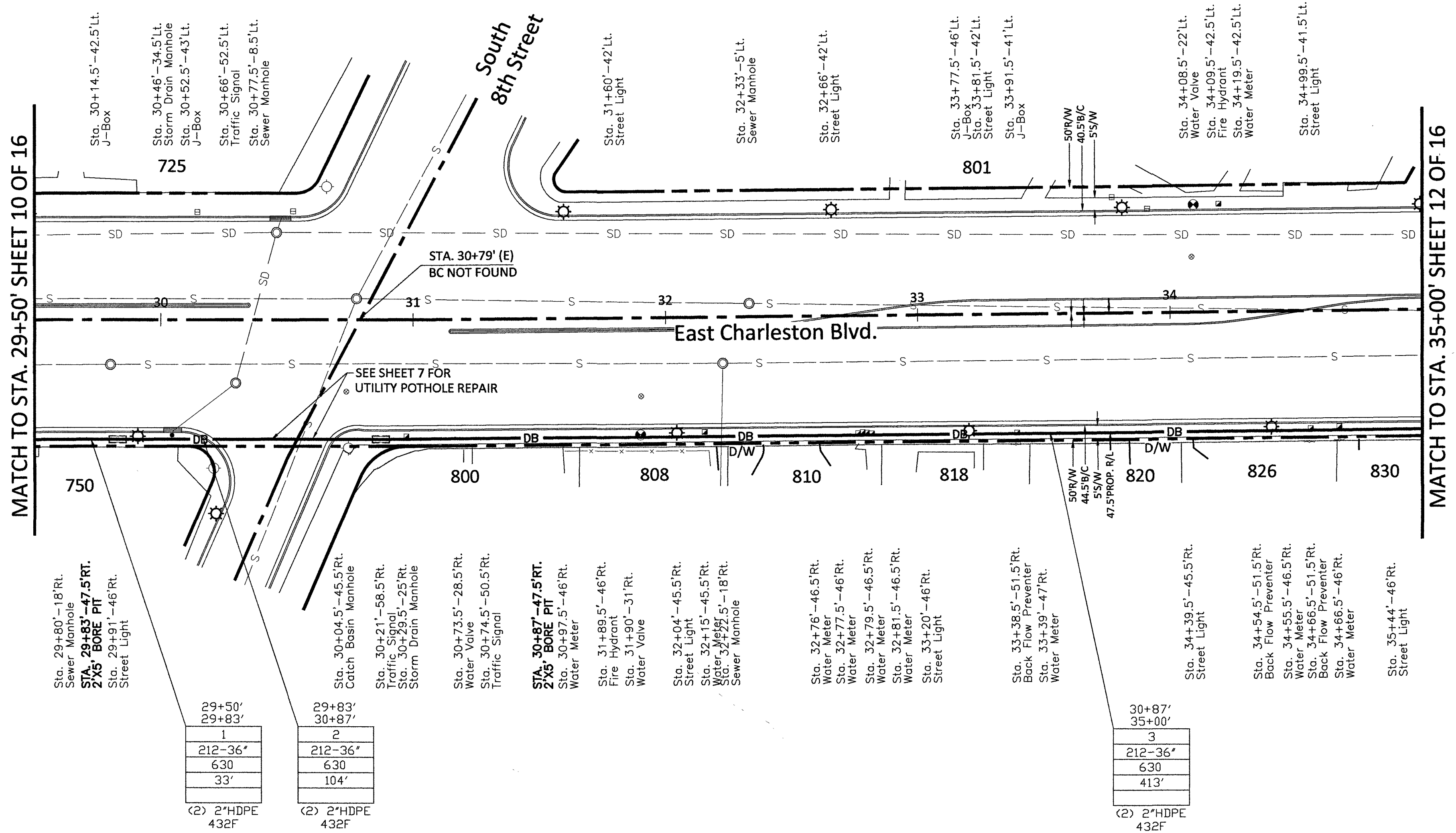
811 Know what's below.
Call 811 before you dig.

PROJECT: 916036, 916037,
916038, 916039,
916132

CELL SITE: LSV FBI

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	1,100'
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:	-
V2W CONDUIT:	-
3RD PARTY CONDUIT:	-
BORE:	550'
TRENCH:	-
TOTAL NEW UG FOOTAGE:	550'
TOTAL FOOTAGE:	550'



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

DATE: 11/15/2018	
DRAWN BY: PVEGA	
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 11	OF 16
LSV FBI - CITY OF LAS FILE: VEGAS 11-15-18	

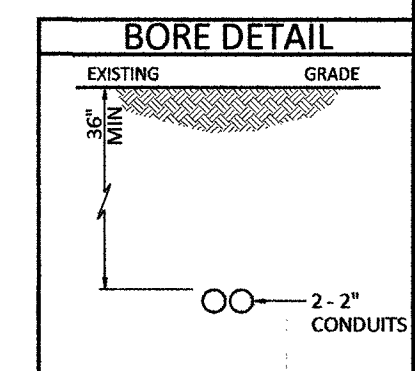
RTC NOTES:	
BACKFILL AND RIGHT OF WAY RESTORATION SHALL CONFORM TO CLARK COUNTY UNIFORM STANDARD DRAWINGS	
(1)	500.1 0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
(2)	500.2 0 TO 5 YEARS PAVEMENT RESTORATION TRAVERSE CUT
(3)	500.3 OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT. GREATER THAN 60'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

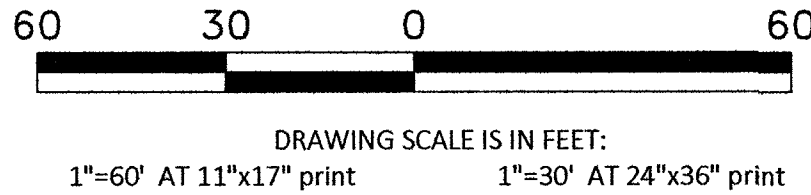
CONTRACTOR TO PLACE LOCATE WIRE AND
MULE TAPE IN ALL CONDUIT PLACED

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 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



CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



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



PROJECT: 916036, 916037,
916038, 916039,
916132
CELL SITE: LSV FBI
CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL	
2" HDPE CONDUIT:	1,608'
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):	-
HANDHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	-
BORE:	801'
TRENCH:	-
TOTAL NEW UG FOOTAGE:	801'
TOTAL FOOTAGE:	801'

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

DATE: 11/15/2018
DRAWN BY: PVEGA

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

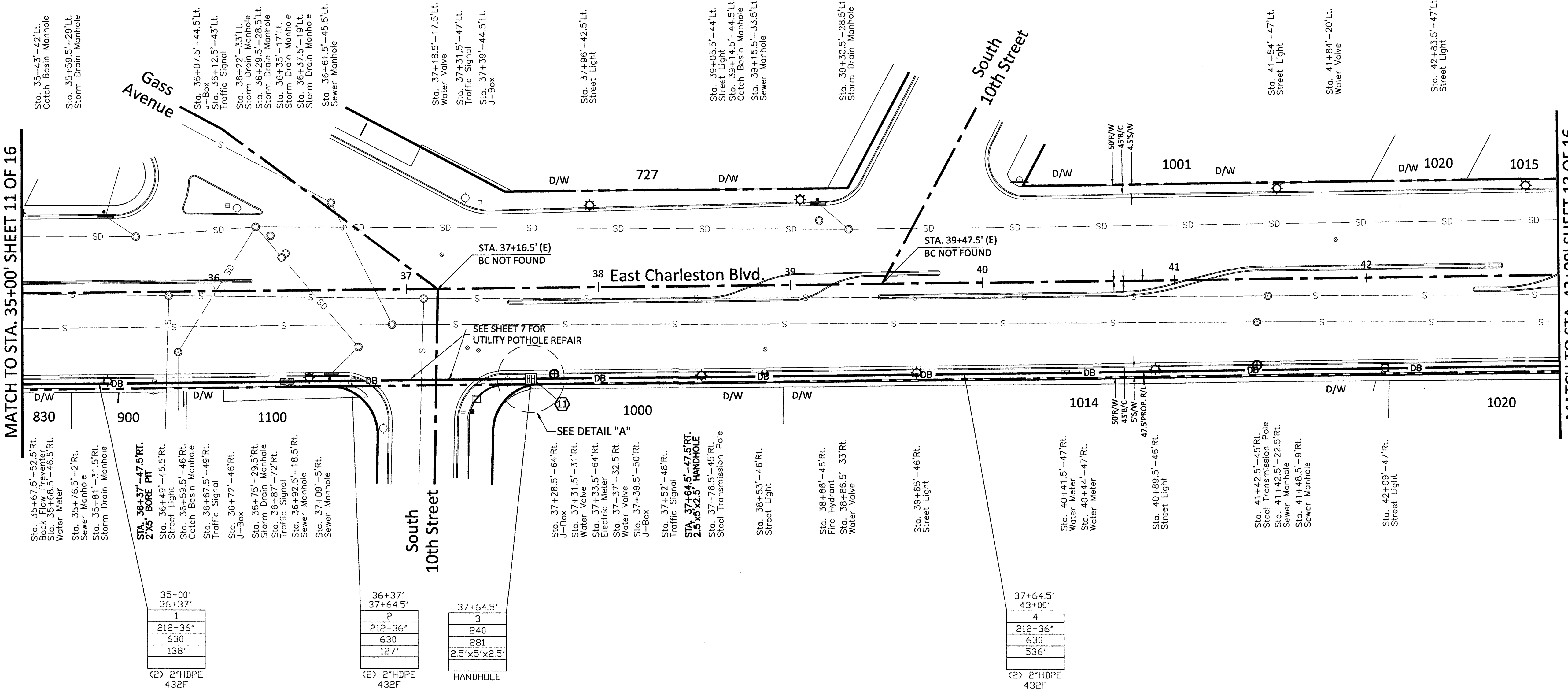
HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 12 OF 16

LSV FBI - CITY OF LAS
FILE: VEGAS 11-15-18



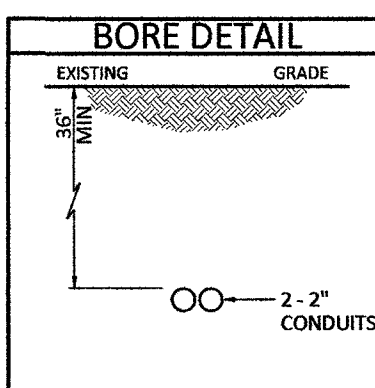
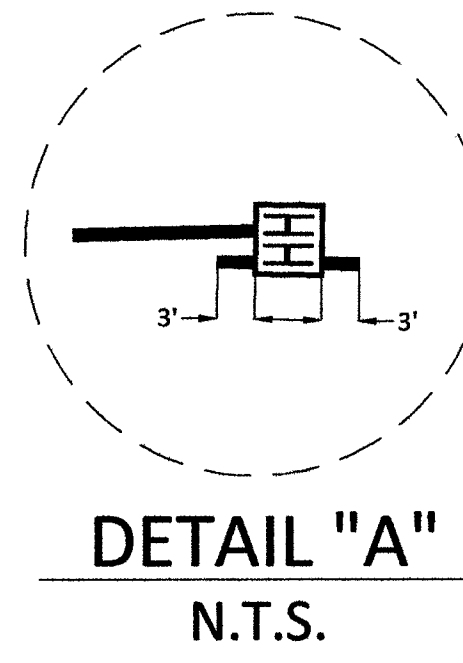
RTC NOTES:

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

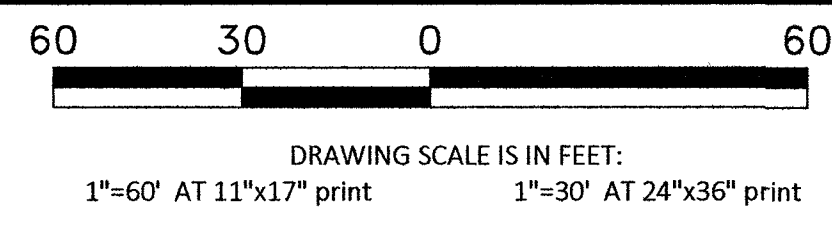
1	500.1	0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
2	500.2	0 TO 5 YEARS PAVEMENT RESTORATION TRAVERSE CUT
3	500.3	OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, GREATER THAN 60' R.O.W
4	500.4	OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, 60' R.O.W OR LESS
5	500.5	OVER 5 YEARS PAVEMENT 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

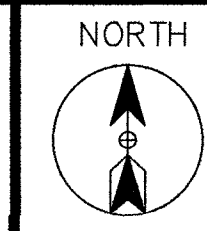


CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



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

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



PROJECT: 916036, 916037,
916038, 916039,
916132

CELL SITE: LSV FBI

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	900'
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:	-
BORE:	450'
TRENCH:	-
TOTAL NEW UG FOOTAGE:	450'
TOTAL FOOTAGE:	450'

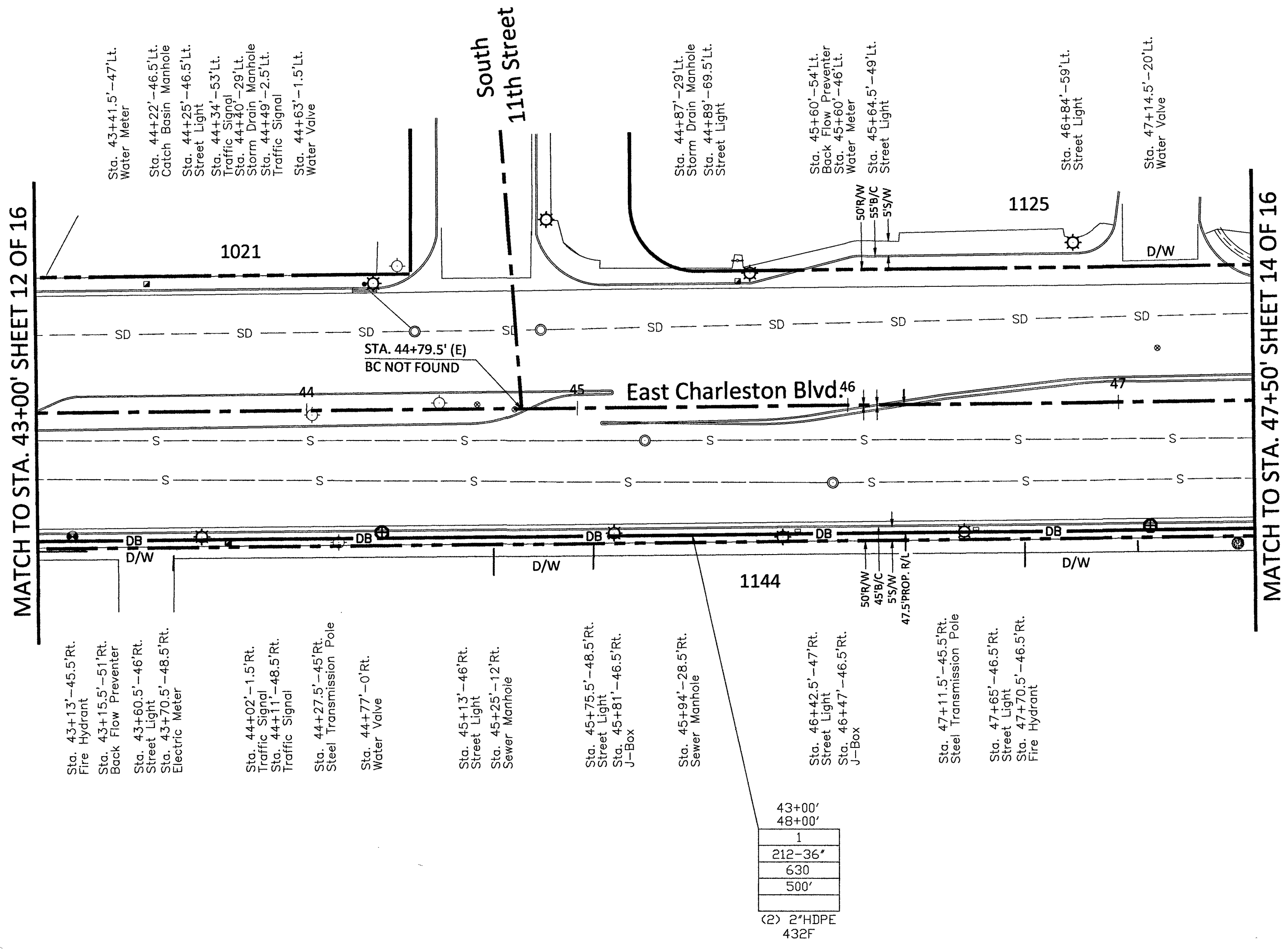
MCI
COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV FBI

DATE: 11/15/2018	
DRAWN BY: PVEGA	
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 16
LSV FBI - CITY OF LAS FILE: VEGAS 11-15-18	



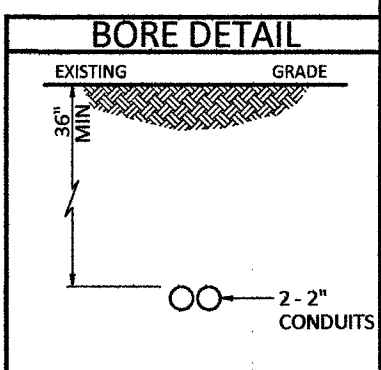
RTC NOTES:	
BACKFILL AND RIGHT OF WAY RESTORATION SHALL CONFORM TO CLARK COUNTY UNIFORM STANDARD DRAWINGS	
(1)	500.1 0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
(2)	500.2 0 TO 5 YEARS PAVEMENT RESTORATION TRAVERSE CUT
(3)	500.3 OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, GREATER THAN 60'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

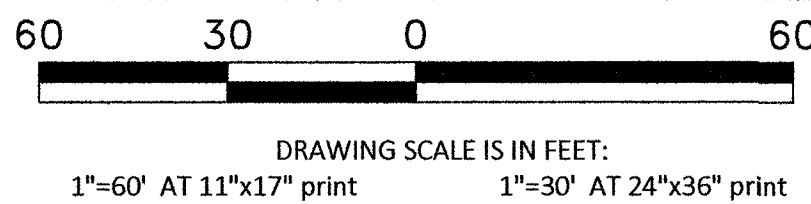
- 210 PLACE CONDUIT
- 212 PLACE HIGH DENSITY POLYETHYLENE (HDPE)
- 240 PLACE HANDHOLE
- 250 PLACE MANHOLE
- 270 REMOVE AND RESTORE ASPHALT
- 280 REMOVE AND RESTORE CONCRETE
- 281 REMOVE AND RESTORE SIDEWALK
- 282 REMOVE AND RESTORE CURBING
- 410 PULL CABLE
- 411 PULL THROUGH DUCT (INNERDUCT)
- 520 PLACE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



M:\VERIZON ONE FIBER\LAS VEGAS\LSV FBI\CONSTRUCTION DRAWINGS

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: 916036, 916037,
916038, 916039,
916132
CELL SITE: LSV FBI
CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL	
2" HDPE CONDUIT:	586'
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):	-
HANDHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	-
BORE:	293'
TRENCH:	-
TOTAL NEW UG FOOTAGE:	293'
TOTAL FOOTAGE:	293'

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

DATE: 11/15/2018

DRAWN BY: PVEGA

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

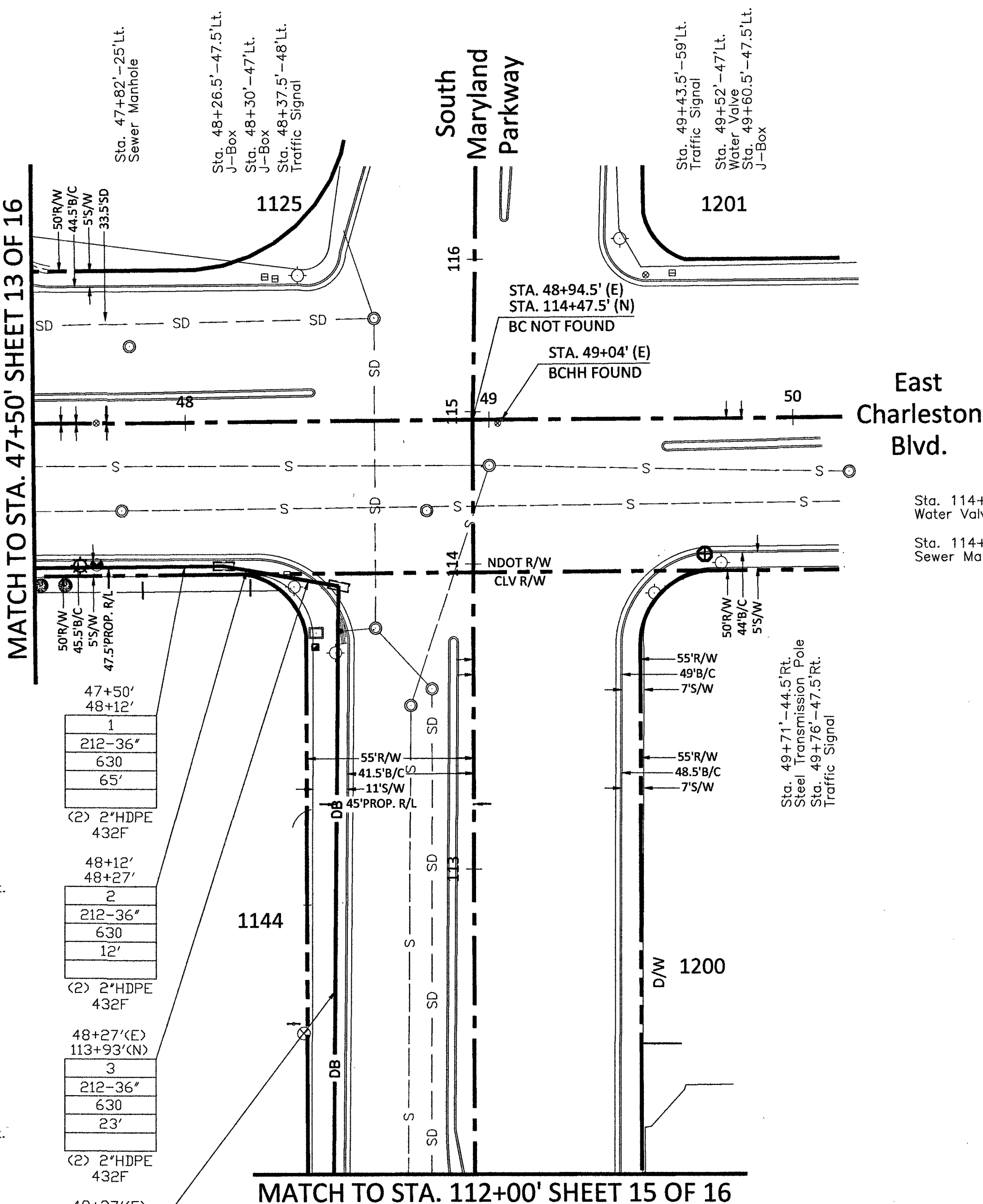
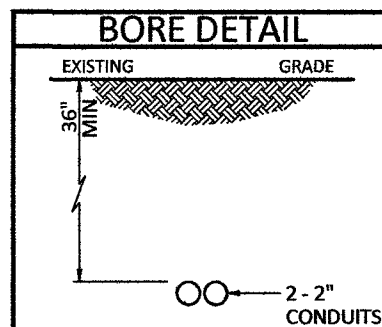
HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 14 OF 16

LSV FBI - CITY OF LAS
FILE: VEGAS 11-15-18



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:

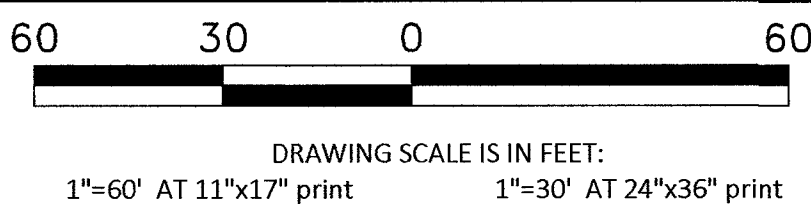
CONTRACTOR TO POTHOLE AND LOCATE ALL
UTILITIES PRIOR TO STARTING CONSTRUCTION.

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.



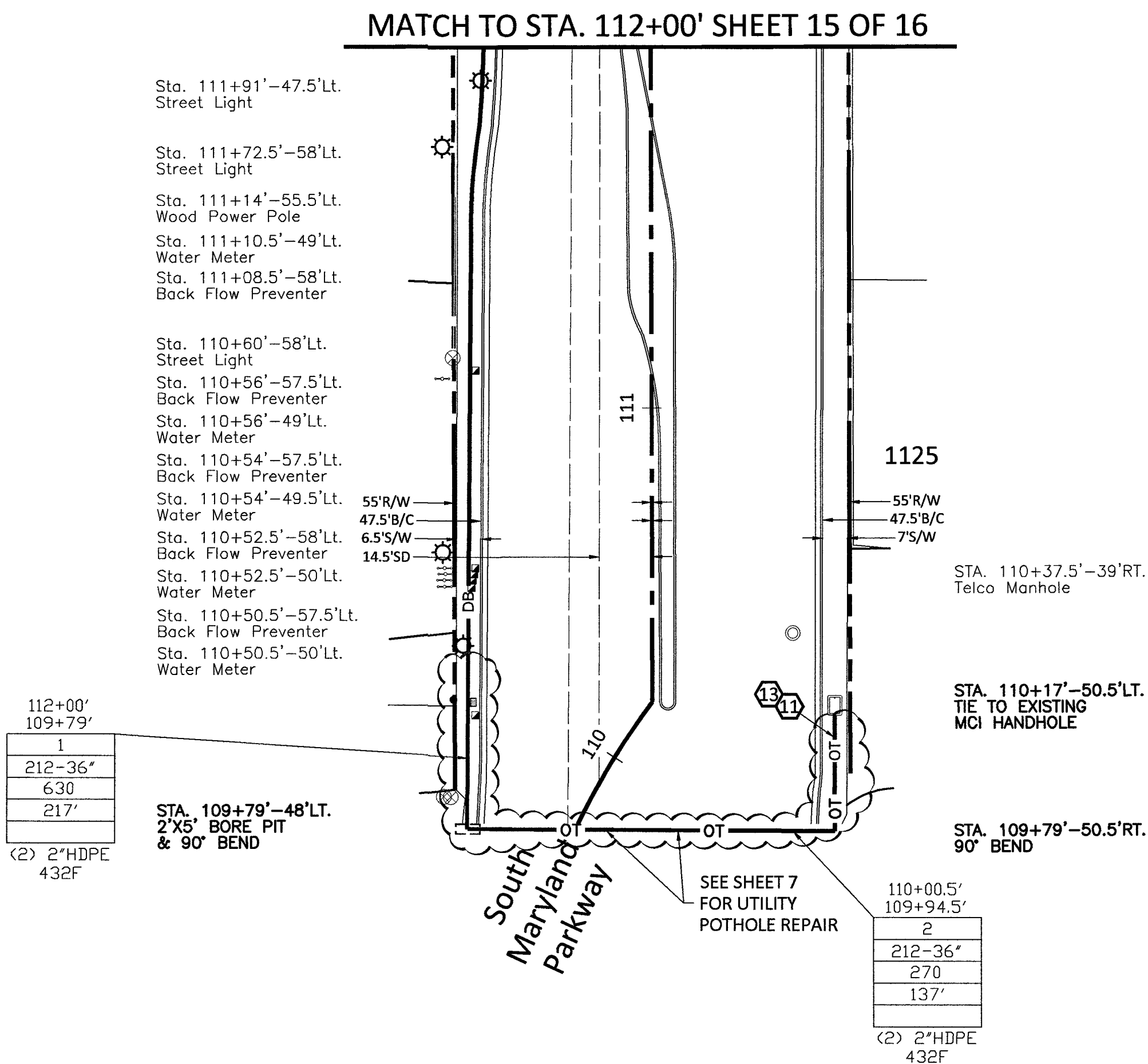
Know what's below.
Call 811 before you dig.



PROJECT: 916036, 916037,
916038, 916039,
916132
CELL SITE: LSV_FBI_CLV_PERMIT
DESIGNS_REV_111519
CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL	
2" HDPE CONDUIT:	708'
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:	-
BORE:	217'
TRENCH:	137'
TOTAL NEW UG FOOTAGE:	354'
TOTAL FOOTAGE:	354'



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:
CONTRACTOR TO POT HOLE 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 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

MCI
COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV_FBI_CLV_PERMIT
DESIGNS_REV_111519
PROJECT TITLE

DATE: 11/15/2019

DRAWN BY: RJOHNSON

REVISIONS

DATE	DESCRIPTION	INITIAL
01-11-19	ADDED HANDHOLE SHEET 10, ADJUSTED FOOTAGE TOTALS SHEETS 3, 10, 16, ADJUSTED SCHEMATIC SHEET 16	JJ
10-17-19	ADDED HH SHT. 9, CHANGED R/L TO DB SHTS. 9-10, MOVED MH SHT. 9	JS
11-15-19	RE-ROUTED R/L TO TIE TO ANOTHER CLN MH, CHANGED TO 4" HDPE.	RJ

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

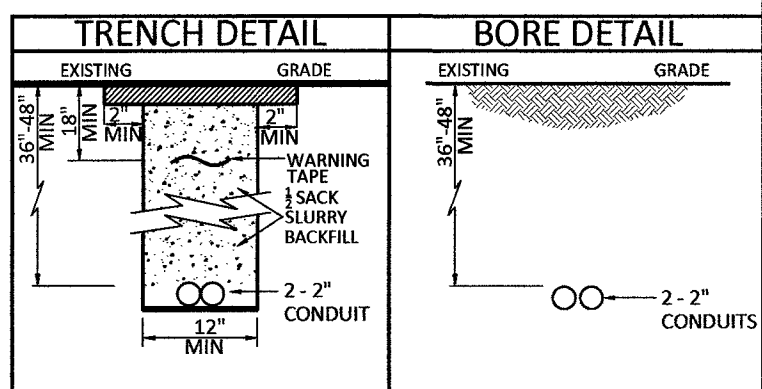
HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 15 OF 16

LSV_FBI_CLV_PERMIT
FILE: DESIGNS_111519



ROUTE SCHEMATIC

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



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



PROJECT: 916036, 916037, 916038, 916039, 916132
CELL SITE: LSV_FBI_CLV_PERMIT
DESIGNS_REV_111519
CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

FIBER TOTALS

FIBER SIZE/LENGTH: 432/4,263'
FIBER SIZE/LENGTH: 72/602'

COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV_FBI_CLV_PERMIT
DESIGNS_REV_111519
PROJECT TITLE

DATE: 11/15/2019

DRAWN BY: RJOHNSON

REVISIONS

DATE	DESCRIPTION	INITIAL
01-11-19	ADDED HANDHOLE SHEET 10, ADJUSTED FOOTAGE TOTALS SHEETS 3, 10, 18, ADJUSTED SCHEMATIC SHEET 16	JJ
10-17-19	ADDED HH SHT. 9, CHANGED R/L TO DB SHTS. 9-10, MOVED HH SHT. 9	JS
11-15-19	RE-ROUTED R/L TO TIE TO ANOTHER CLN MH, CHANGED TO 4" HDPE.	RJ

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

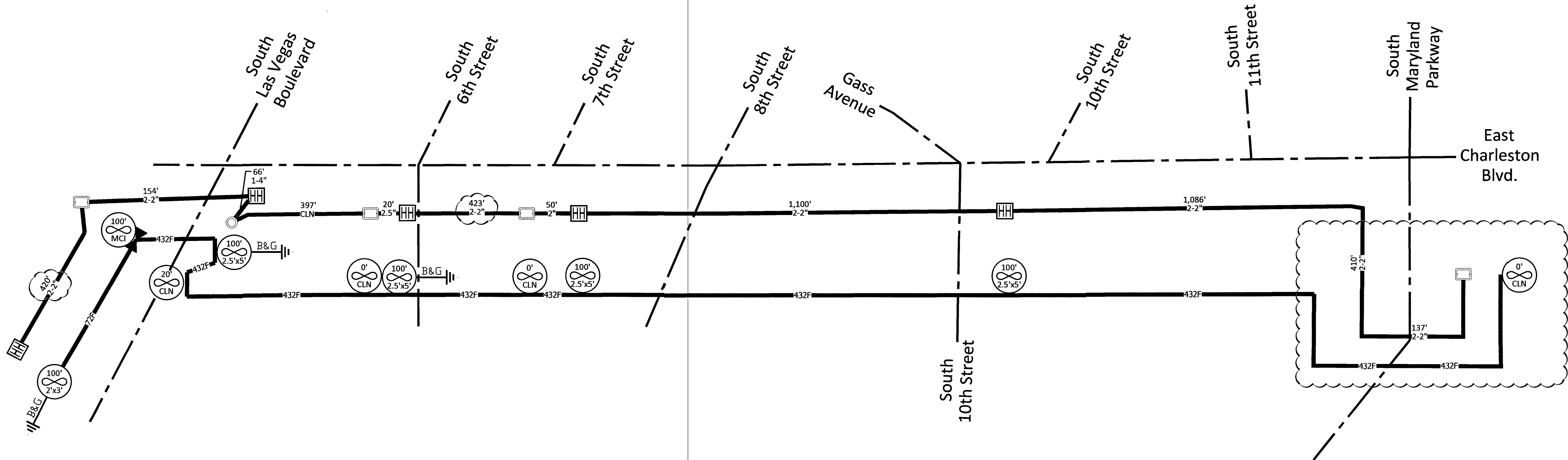
HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 16 OF 16

FILE: LSV_FBI_CLV_PERMIT
DESIGNS_111519



SITE-SPAN NAME: CELL SITE: LSV_FBI_CLV_PERMIT DESIGNS_REV_111519									
SITE-SPAN ID: 1708APXX.008									
FQND	SEGMENT	FIBER COUNT	TRENCH	BORE	DB/OT	3RD PARTY	VZ OWNED	AERIAL	TOTAL
FIB:BUR::56000331	916036	432F	20'	3,206'	'	'	'	'	3,226'
FIB:BUR::56000318	916037	432F	'	'	'	397'	'	'	397'
FIB:BUR::56000316	916038	72F	'	256'	'	'	'	'	256'
FIB:BUR::56000317	916039	72F	'	164'	'	'	'	'	164'
FIB:BUR::56000318	916132	432F	66'	154'	'	'	'	'	220'

RK
12220

Report