

INDEX SHEET

CITY OF LAS VEGAS, NEVADA



CLARIFICATION NO.	QUANTITY
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This is a blank sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

PROJECT TITLE

REVISIONS

DATE	DESCRIPTION	INITIAL
05-02-19	MOVED RUNNING LINE & ADJUSTED STATIONS & CALLOUT BOXES SHTS 9, 10. ADJUSTED FOOTAGE TOTALS SHTS 3, 9, 10, 11. ADJUSTED SCHEMATIC SHT 11.	JJ
08-14-19	MOVED HH FROM STA. 14+72.5" TO STA. 13.1" WITH CONDUIT TIE-IN TO MH AT STA. 13+58. ELIMINATED OT/D/B FROM STA. 13+58 TO STA. 26+78. ON BRUCE ST. USING EXISTING CONDUIT. CALLOUT BOX 2 CHANGED TO 1. AND BOX 3 TO 2. 2" HDPE CHANGED TO 4" SHT. 10.	RJ

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FILE: LSV_NEON_CLV_PERMIT
DESIGNS_916116 REV_082319

PVC

REPLot
L18-01845-R003
107V7485-F18

M:\VERIZON ONEFIBER\LAS VEGAS\LSV FOREMASTER\LSV NEON
1616116\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.

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): 1,647'
4" HDPE CONDUIT(S): -
2' x 3' x 2' HANDHOLE(S): -
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: -
TRENCH: 1,661
ASPHALT CUT: -
BORE: -

TOTAL NEW UG FOOTAGE: 1,661
TOTAL FOOTAGE: 1,661



PROJECT: 916116

CELL SITE: LSV NEON 916116_REV12-12-18

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV NEON

916116_REV12-12-18

PROJECT TITLE

DATE: 12/12/2018

DRAWN BY: ERAMSEY

REVISIONS

DATE	DESCRIPTION	INITIAL
12-5-18	ADD HH SHT. 10 STA. 28+78'	EJR
	PK 1-22-19	

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 3 OF 11

FILE: 916116_REV12-12-18

REPLAT
LIB-01845-2001
10N7485-FIB

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

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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

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LIGHTWAVE ENGINEER: N/A
CIVIL ENGINEER: N/A
TERMINAL CONST. REP.: N/A
SPLICING MANAGER: N/A
TSD MANAGER: N/A

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ENG. PROJECT SUPERVISOR:

CONSTRUCTION CONTRACTOR

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

CITY GOVERNMENT

BUREAU OF ENGINEERING:

CITY ENGINEER:

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

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3RD PARTY CONDUIT: -
TRENCH: 1,655
ASPHALT CUT: -
BORE: -
TOTAL NEW UG FOOTAGE: 1,655
TOTAL FOOTAGE: 1,655



PROJECT: 916116

CELL SITE: LSV NEON 916116 REV. 05-02-19

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

05-02-19

PROJECT TITLE

DATE: 5/2/2019

DRAWN BY: JJAMES

REVISIONS

DATE	DESCRIPTION	INITIAL
12-5-18	ADD HH SHT. 10 STA. 28+78'	EJR
01-15-19	ADJUSTED R/L & DIMENSIONS SHTS 9 & 10. ADJUSTED FOOTAGE SHTS 3, 10, & 11. ADJUSTED SCHEMATIC SHT 11	JJ
05-02-19	MOVED RUNNING LINE & ADJUSTED STATIONS & CALLOUT BOXES SHTS 9, 10. ADJUSTED FOOTAGE TOTALS SHTS 3, 9, 10, 11. ADJUSTED SCHEMATIC SHT 11	JJ

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 4 OF 11

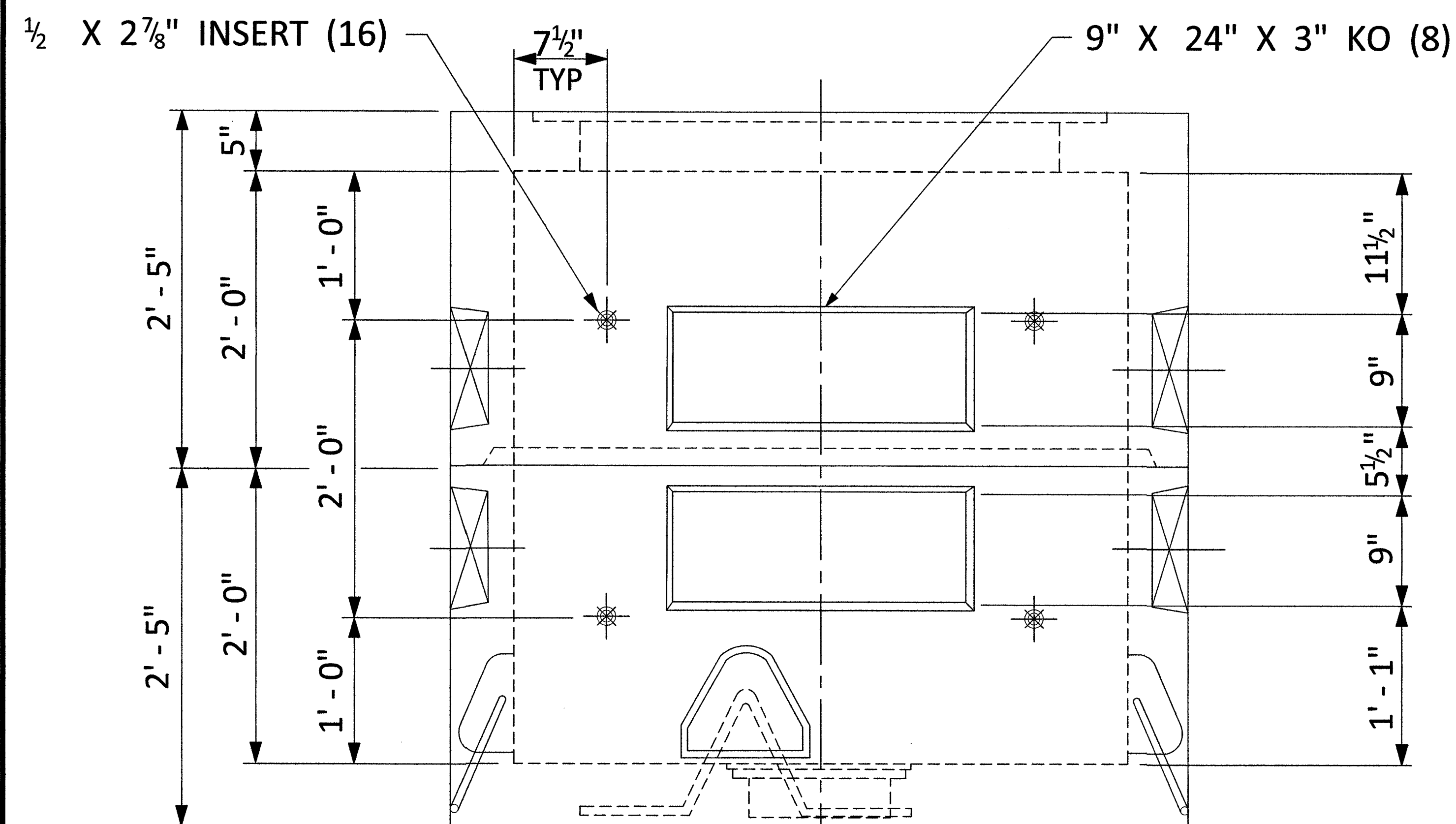
FILE: 05-02-19

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

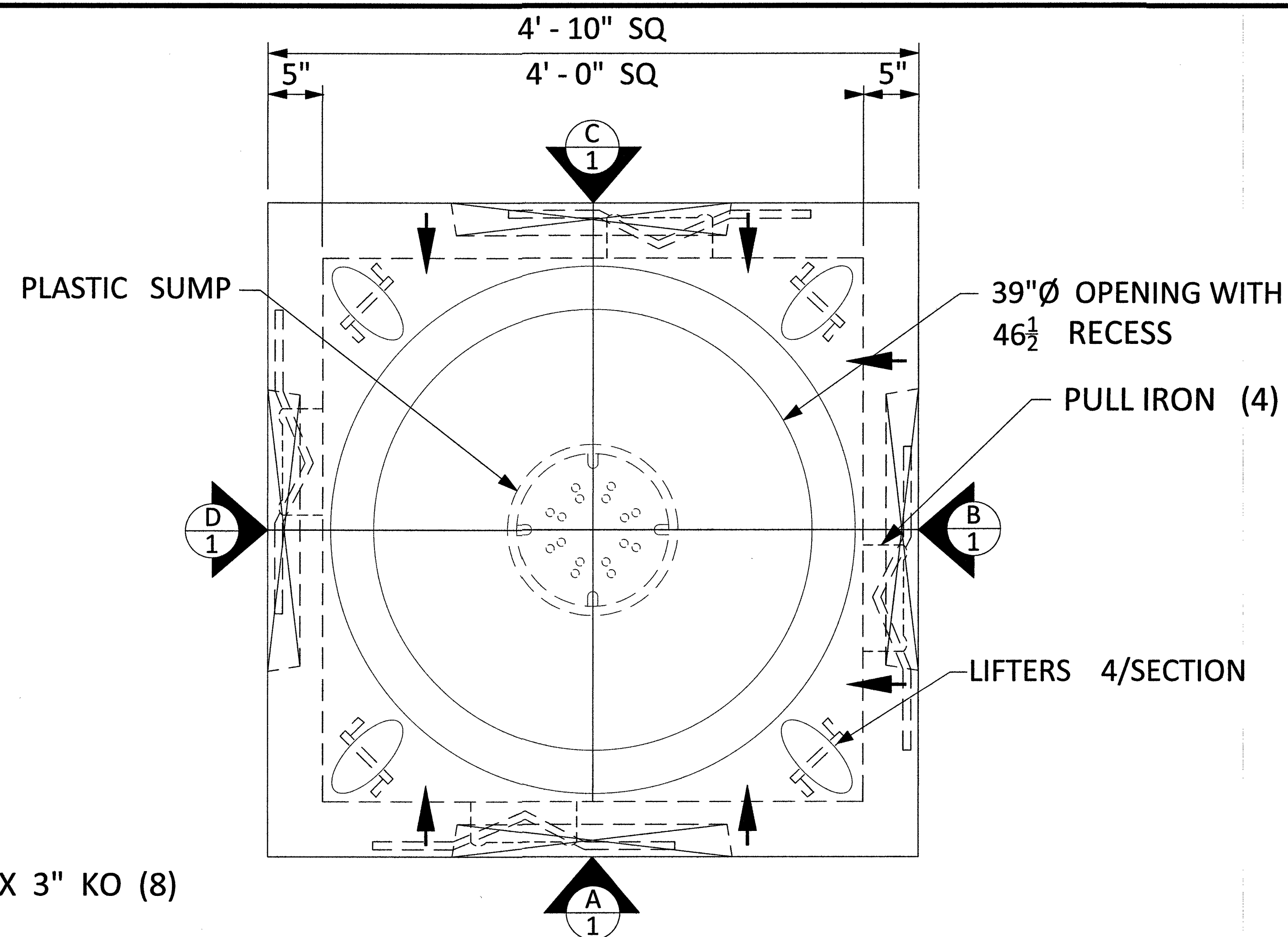
Replot
118-01895-2002
100V7485-F1B

GENERAL NOTES:

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



VIEW A, B, C, D
SCALE: 1/2" = 1'-0"



CONTRACTOR IS TO VERIFY THAT ALL INFORMATION SHOWN ON DRAWINGS HAS BEEN THOROUGHLY CHECKED, COMPLIES WITH CONTRACTOR DOCUMENTS, AND IS ADEQUATE TO MEET FIELD CONDITIONS. OLDCASTLE ACCEPTS NO RESPONSIBILITY FOR INSTALLATION ERRORS BY THE CONTRACTOR AND ERRORS OR OMISSION RESULTING AFTER RECEIPT OF APPROVED SHOP DRAWINGS.

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

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

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4'x4'x4' TYPE "S" KNOCKOUT



PROJECT: 916116

CELL SITE: LSV NEON 916116

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

OUTSIDE PLANT CONSTRUCTION
TITLE: CELL SITE: LSV NEON 916116
PROJECT TITLE

DATE: 10/10/2018

DRAWN BY: PVEGA

REVISIONS

DATE	INITIAL

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

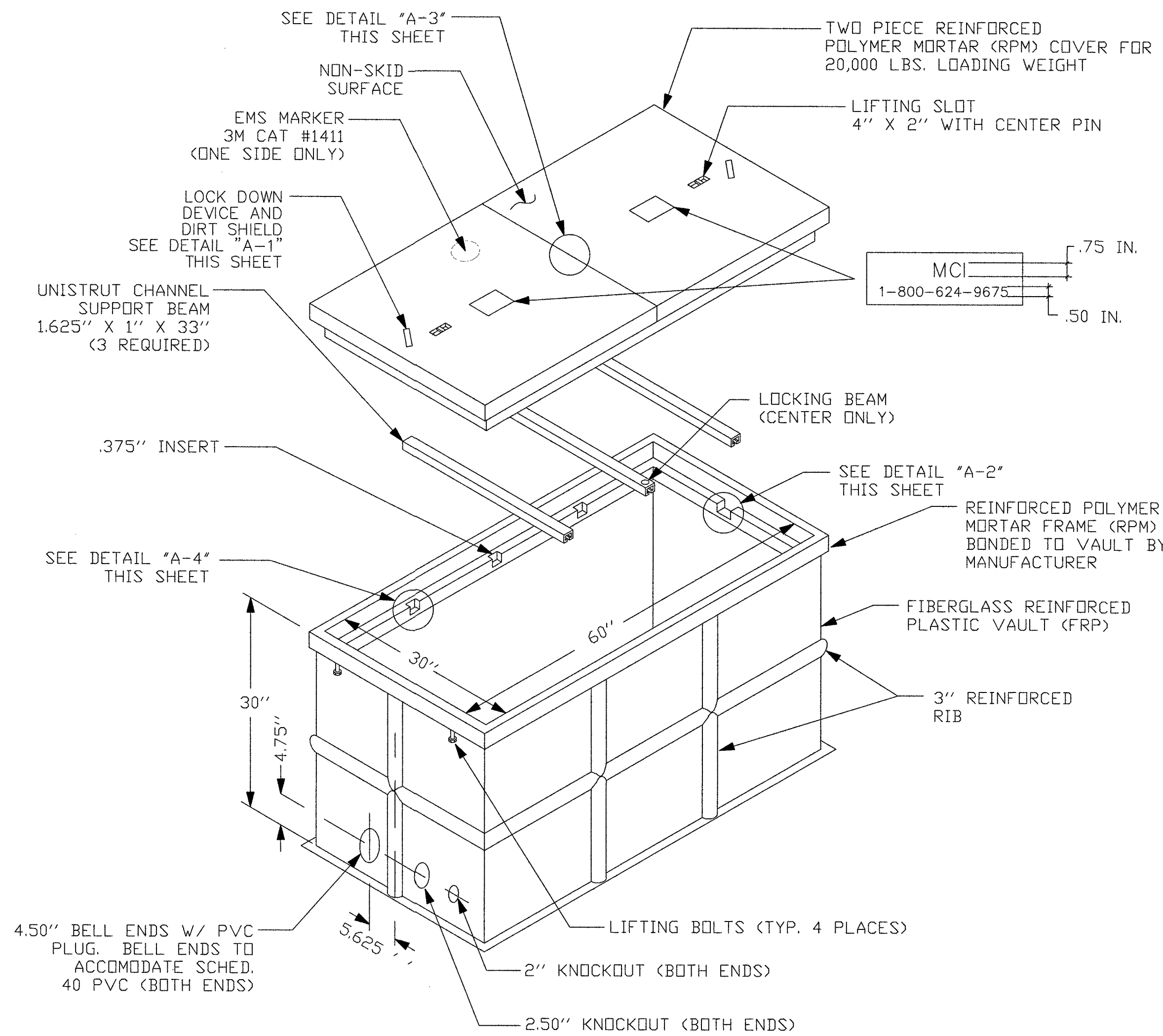
MP TO MP

SHEET 5 OF 11

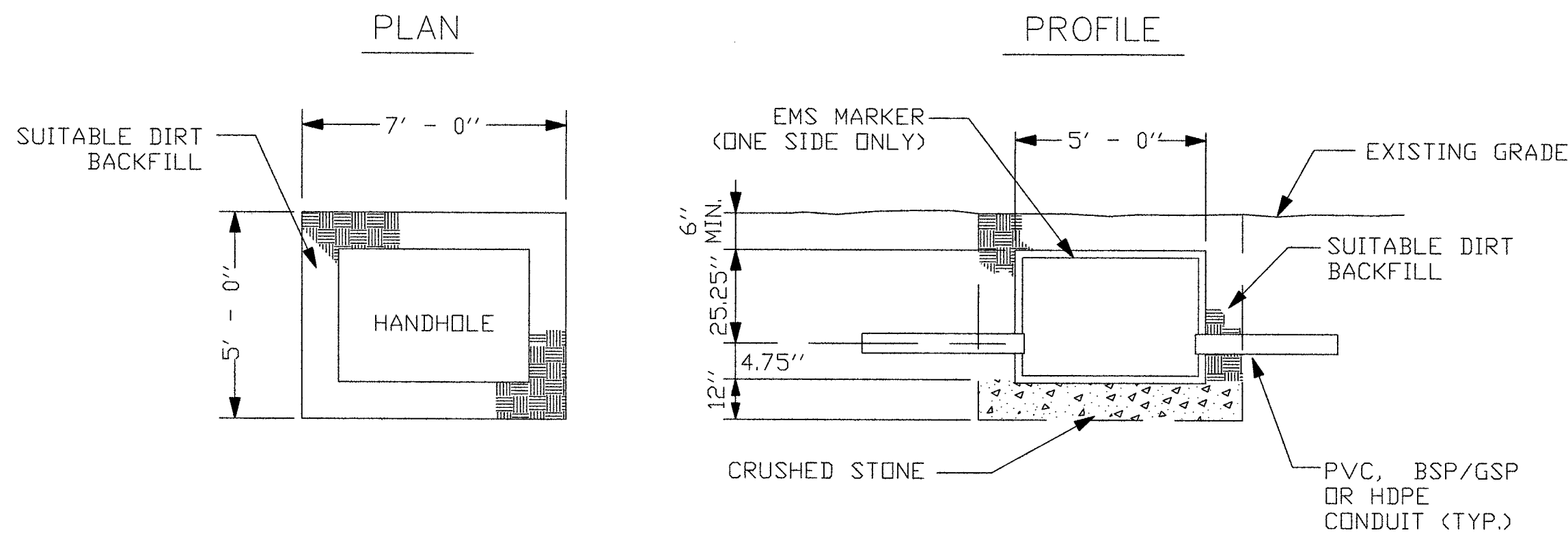
FILE: LSV NEON 916116

2.5' x 5' x 2.5' HANDHOLE DETAILS

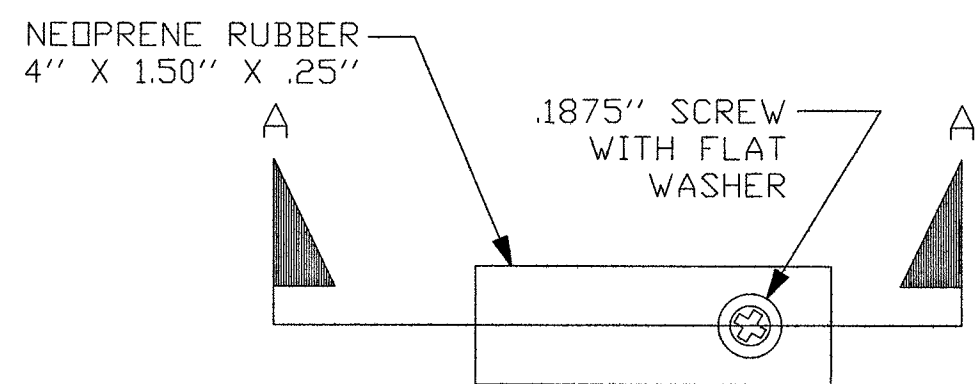
DETAIL "A"
EXPLODED ISOMETRIC DETAIL



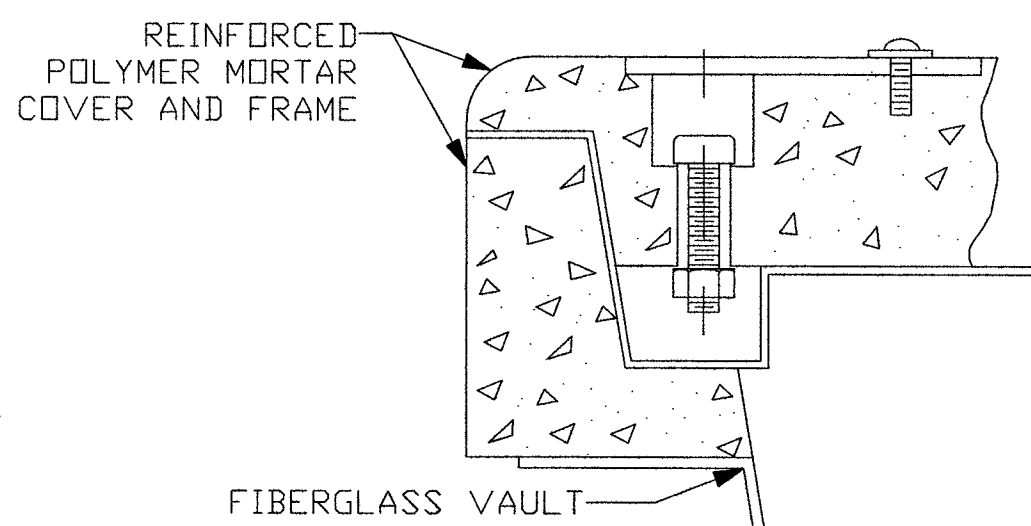
DETAIL "C"
EXCAVATION PIT



DETAIL "A-1"
LOCK DOWN DEVICE

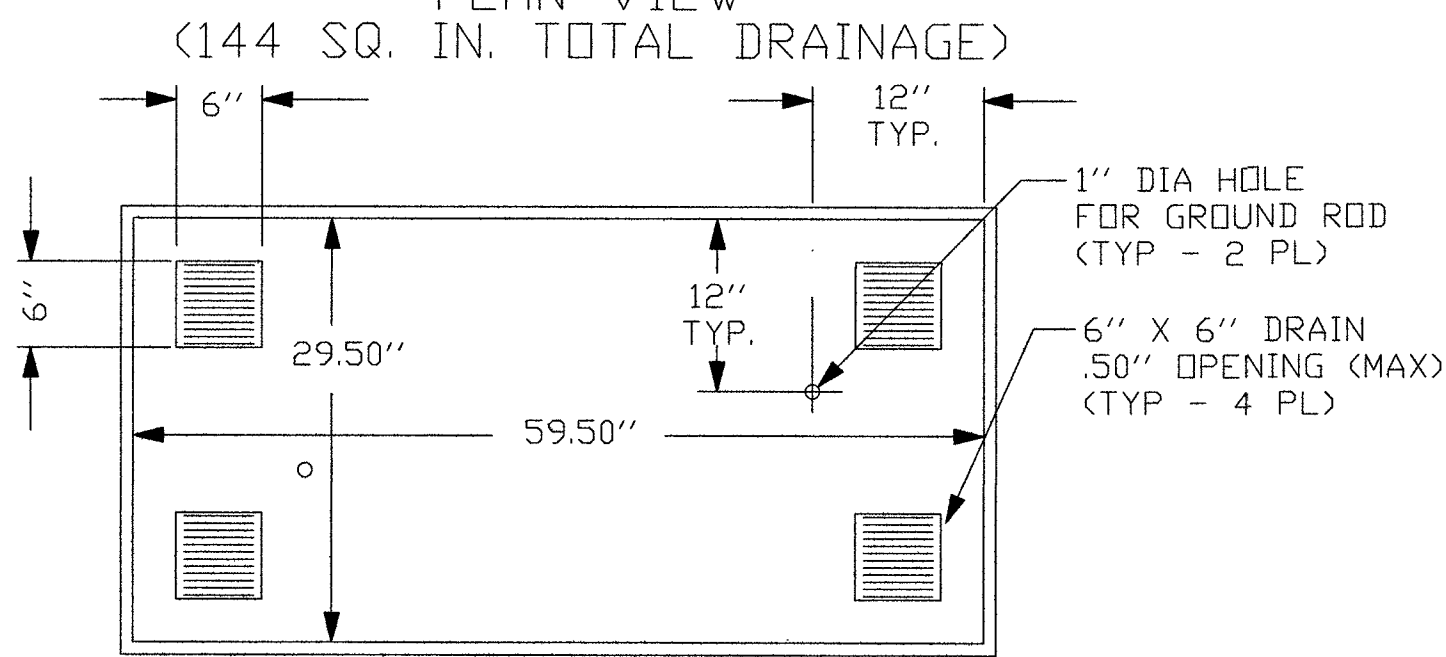


SECTION A-A
LOCKING DEVICE
CROSS SECTION



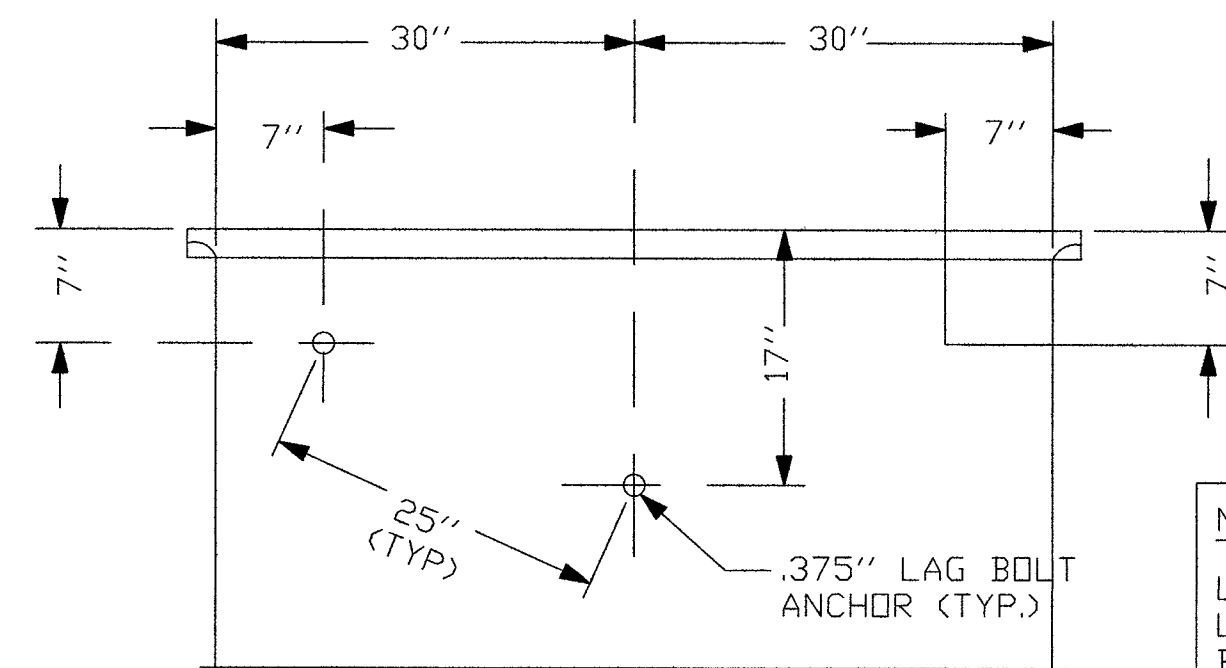
DETAIL "B"

VAULT BOTTOM
PLAN VIEW



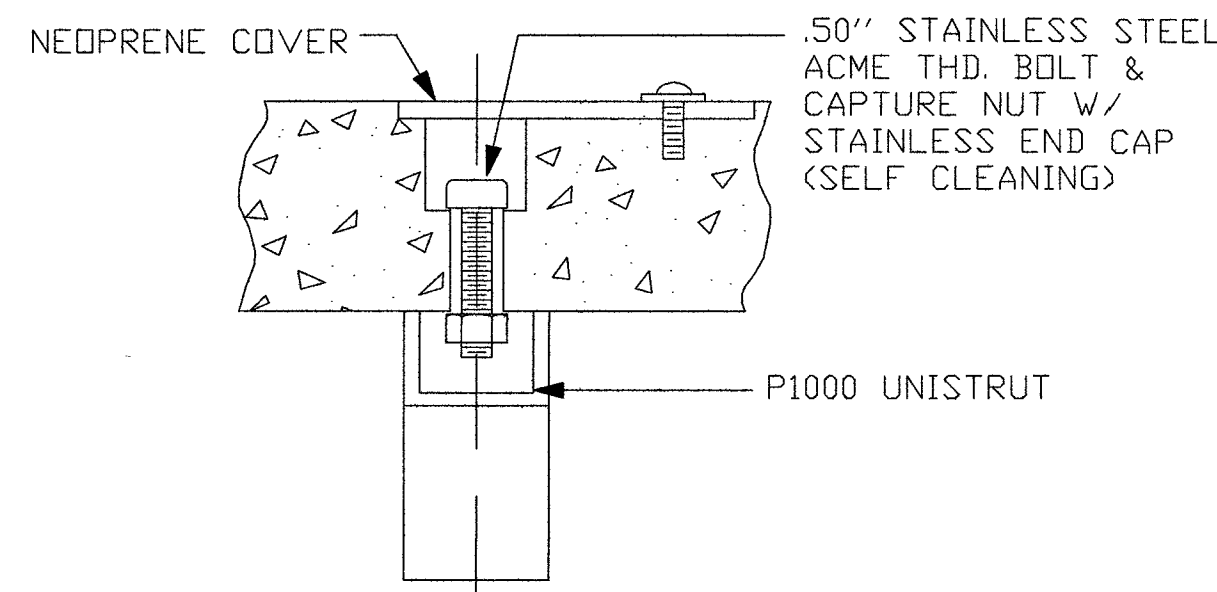
DETAIL "D"

SIDE WALL VIEW
INSIDE LOOKING OUT



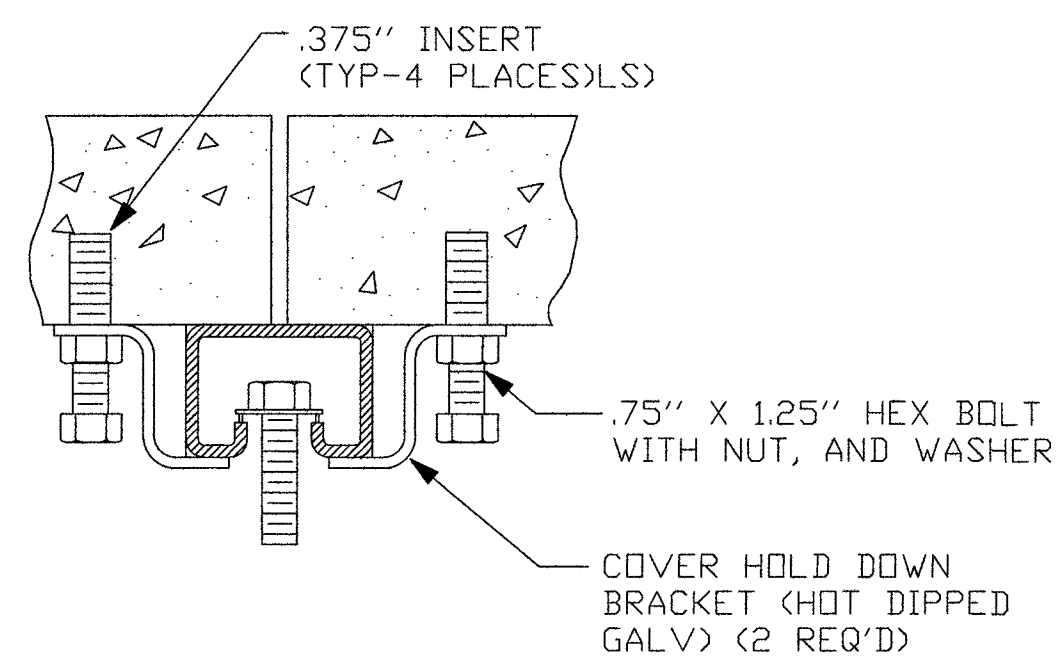
NOTE:
LINEAR DISTANCE BETWEEN LAG BOLT ANCHORS MUST BE 25".

DETAIL "A-2"
ENGAGED LOCK
DOWN DEVICE



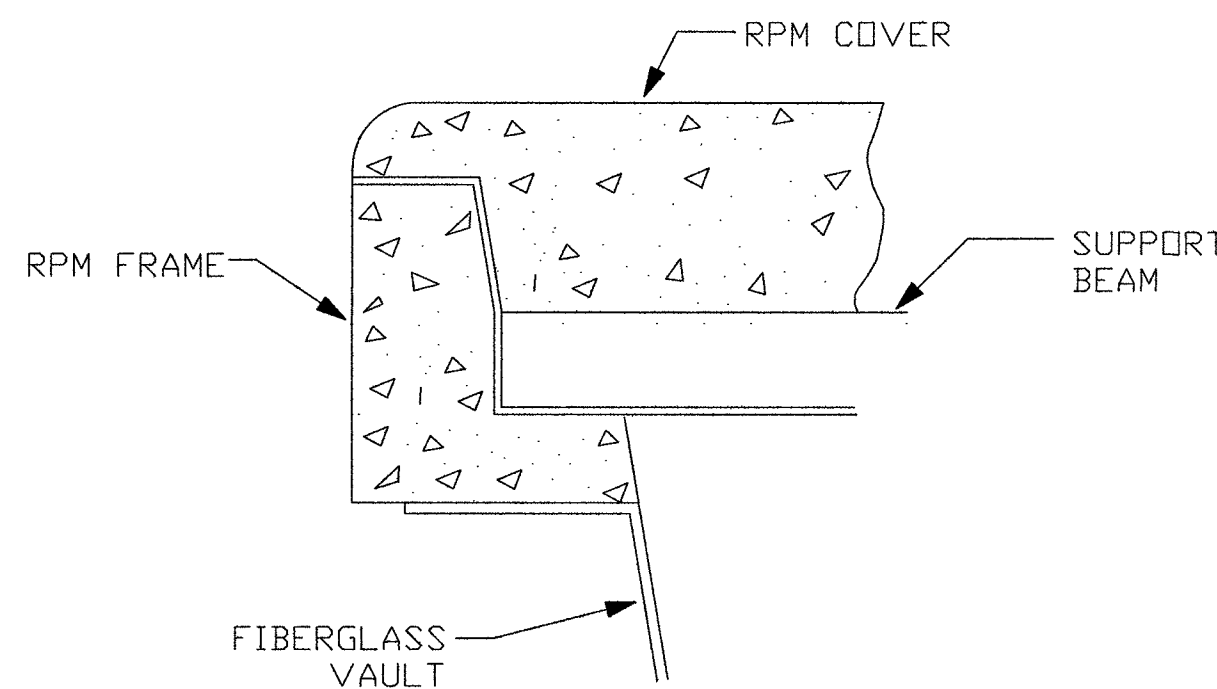
DETAIL "A-3"

COVER HOLD DOWN BRACKET
OF 2-PIECE RPM COVER



DETAIL "A-4"

SUPPORT BEAM
INSTALLATION
(TYP. AT 6 PLACES)



NOTES:

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



PROJECT: 916116

CELL SITE: LSV NEON 916116

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV NEON 916116

PROJECT TITLE

DATE: 10/10/2018

DRAWN BY: PVEGA

REVISIONS

DATE INITIAL

SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 6 OF 11

FILE: LSV NEON 916116



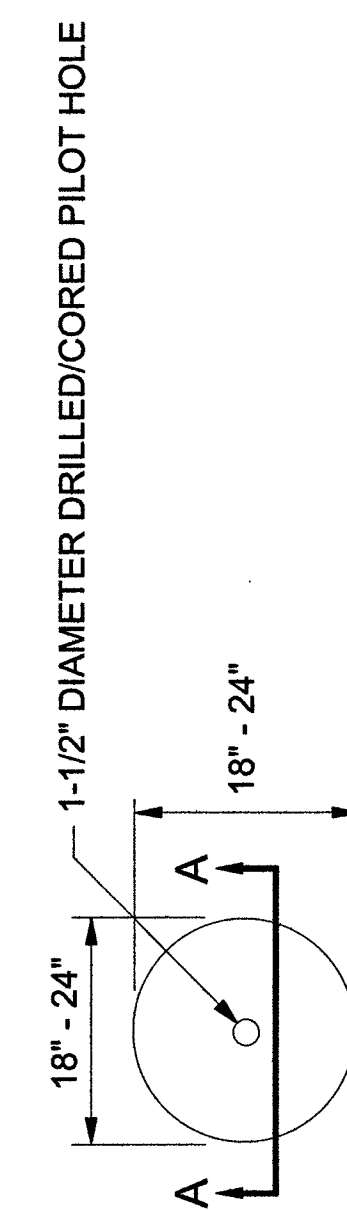
"THE INFORMATION IN THIS DRAWING IS CONFIDENTIAL. THE DRAWING IS NOT TO BE REPRODUCED OR ITS CONTENTS DIVULGED IN ANY WAY WHATSOEVER EXCEPT WITH THE PRIOR WRITTEN APPROVAL OF ARMORCAST PRODUCTS COMPANY. IT IS THE PROPERTY OF AND MUST BE RETURNED TO ARMORCAST PRODUCTS COMPANY, 13230 SATICOY STREET, NORTH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

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

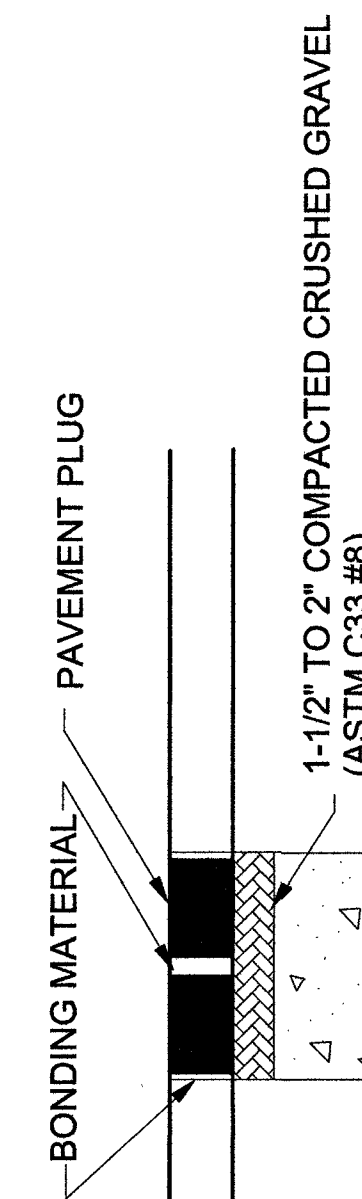
TYPE B - KEYHOLE REPAIR
REQUIRED FOR ROW WIDTH GREATER THAN 60'
OPTIONAL FOR ROW WIDTH 60' OR LESS

NOTES:

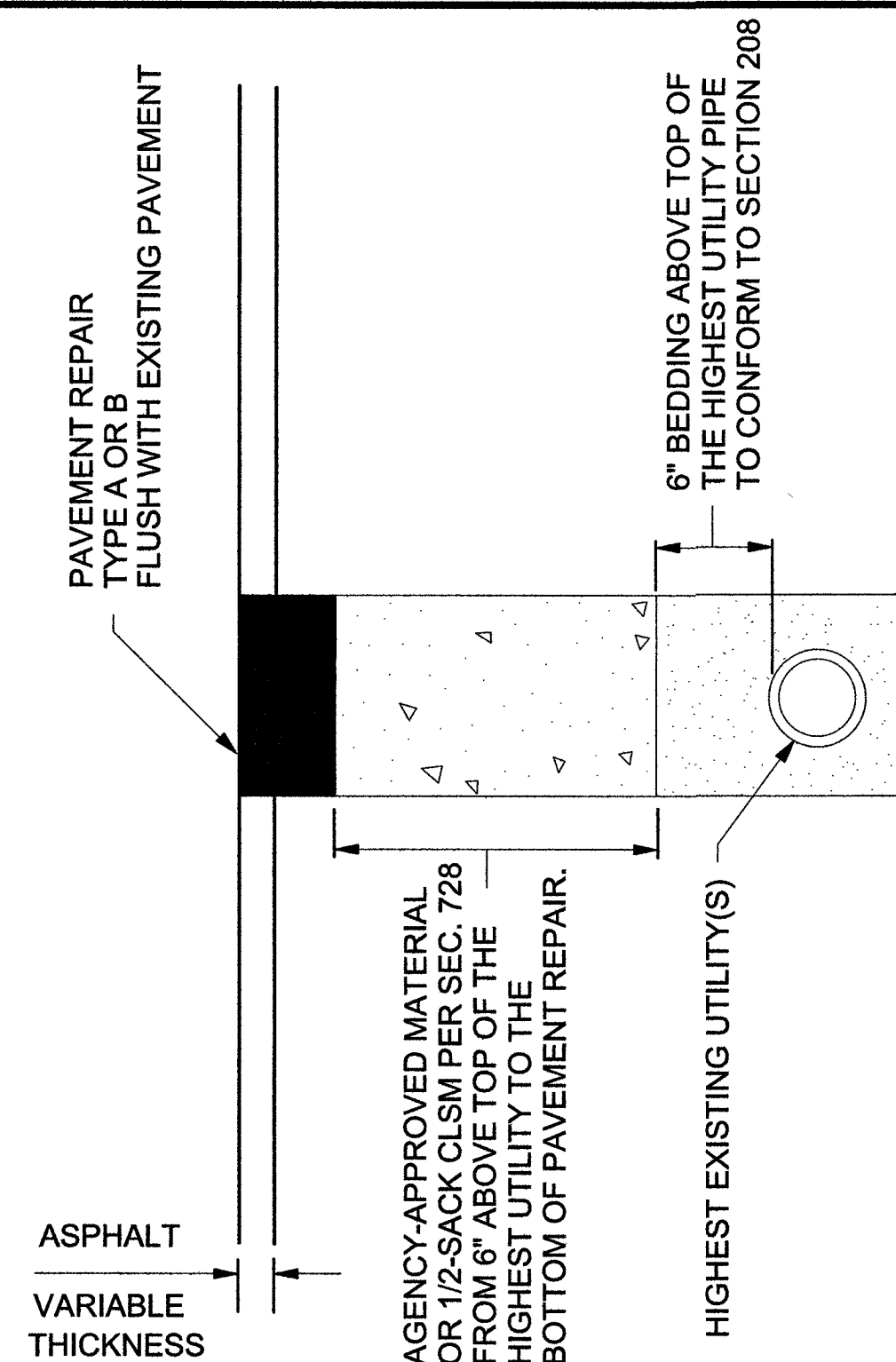
1. CUT AND REMOVE PAVEMENT PLUG WITH AN APPROVED KEYHOLE CORING DEVICE. PAVEMENT TO BE CORED SHALL CONTAIN NO CRACKS AND SHALL BE AT LEAST 4" THICK. IF PLUG IS DAMAGED OR IS LESS THAN 4" THICK, REPLACE PLUG WITH A "FARMED" ASPHALT PLUG FROM AN APPROVED SITE. FARMED PLUGS SHALL BE AT LEAST 4" THICK AND 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 ASHTO 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.



POTHOLE PLAN VIEW
(NOMINAL DIMENSIONS)



POTHOLE PROFILE

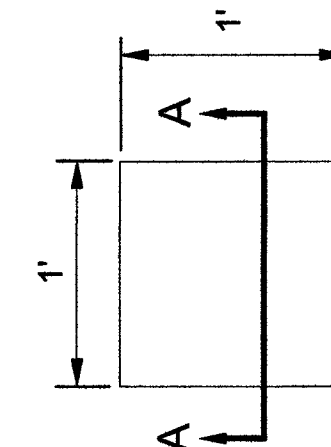


SECTION A-A

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

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

POTHOLE PLAN VIEW
(NOMINAL DIMENSIONS)



TACK EDGES

POTHOLE

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

AGENCY APPROVED	B	C	H	L	M	N
UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA						
UTILITY POTHOLE REPAIR						
DATE 01-01-12	DWG. NO.		506			



PROJECT: 916116

CELL SITE: LSV NEON 916116

CITY OF LAS VEGAS, NEVADA

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MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV NEON 916116

PROJECT TITLE

DATE: 10/10/2018

DRAWN BY: PVEGA

REVISIONS

[illegible]

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SCALE

HORIZONTAL : 1"=30'

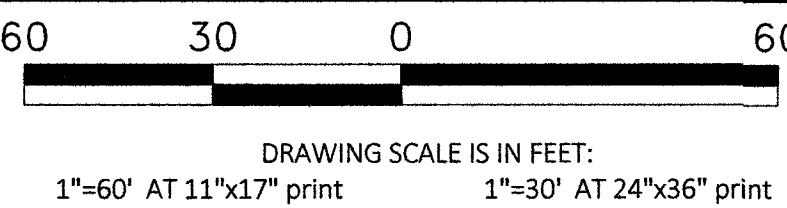
VERTICAL: NA

MP	TO MP
----	-------

SHEET 7 OF 11

FILE: LSV NEON 916116

CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



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



PROJECT: 916116

CELL SITE: LSV NEON 916116

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL

2" HDPE CONDUIT: 1358'

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: -

TRENCH: 679'

TOTAL NEW UG FOOTAGE: 679'

TOTAL FOOTAGE: 679'

MCI
COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV NEON 916116

DATE: 10/10/2018

DRAWN BY: PVEGA

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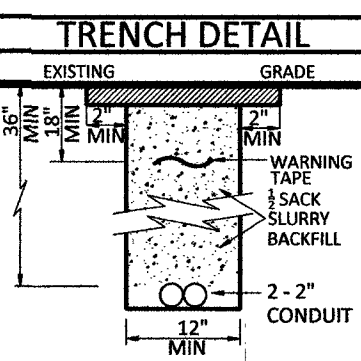
HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 8 OF 11

FILE: LSV NEON 916116



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

East
Washington
Avenue

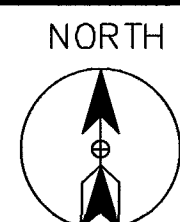
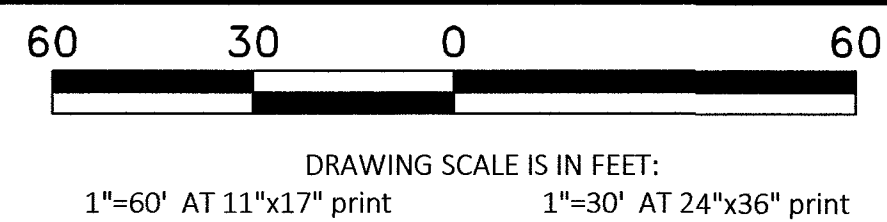
Classic
Cars
Lane

MATCH TO STA. 11+50' SHEET 9 OF 11

4+72.5'
11+50'
212-36'
270
679'
(2) 2"HDPE
864F

CONSTRUCTION DRAWING

CITY OF LAS VEGAS, NEVADA



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

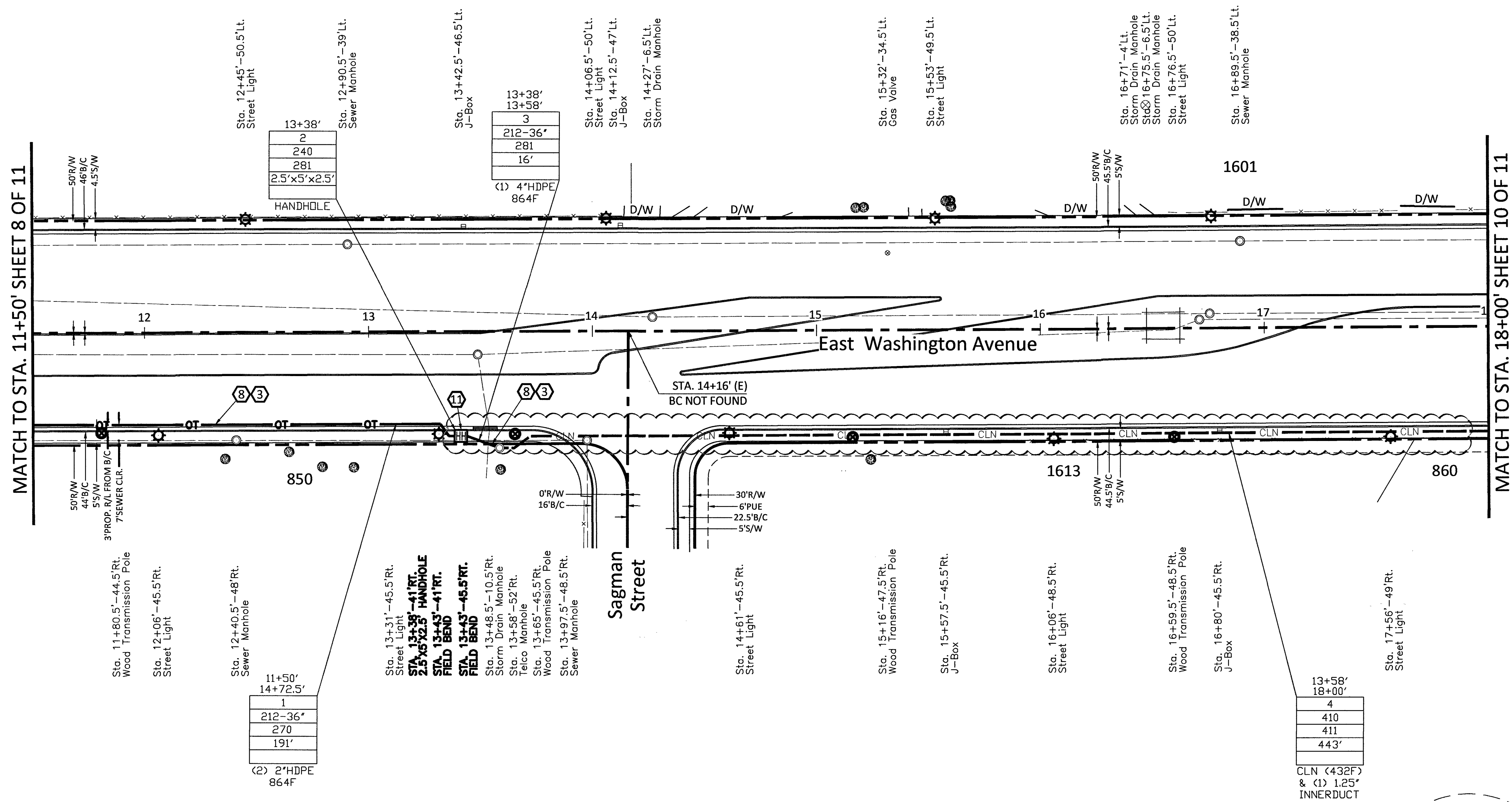


PROJECT: 916116

CELL SITE: LSV_NEON_CLV_PERMIT
DESIGNS_916116 REV_082319
CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL	
2" HDPE CONDUIT:	411'
4" HDPE CONDUIT:	16'
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:	443'
TRENCH:	207'
TOTAL NEW UG FOOTAGE:	207'
TOTAL FOOTAGE:	650'



RTC NOTES:

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

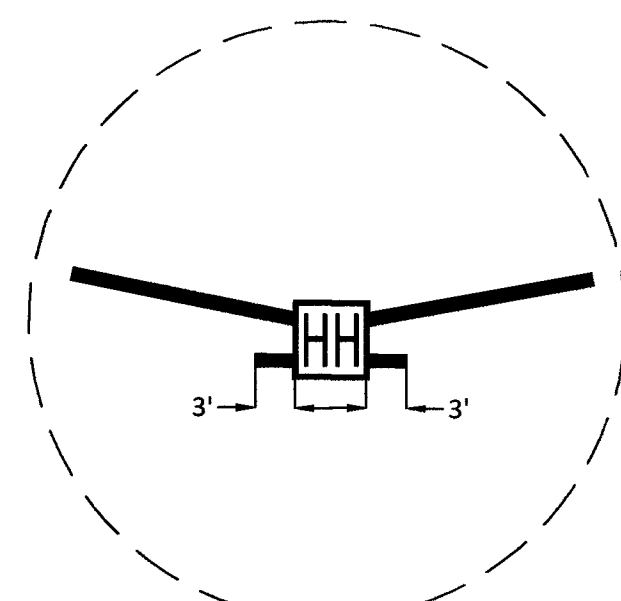
(1)	500.1	0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
(2)	500.2	0 TO 5 YEARS PAVEMENT RESTORATION TRAVERSE CUT
(3)	500.3	OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, GREATER THAN 60' R.O.W
(4)	500.4	OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, 60' R.O.W OR LESS
(5)	500.5	OVER 5 YEARS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

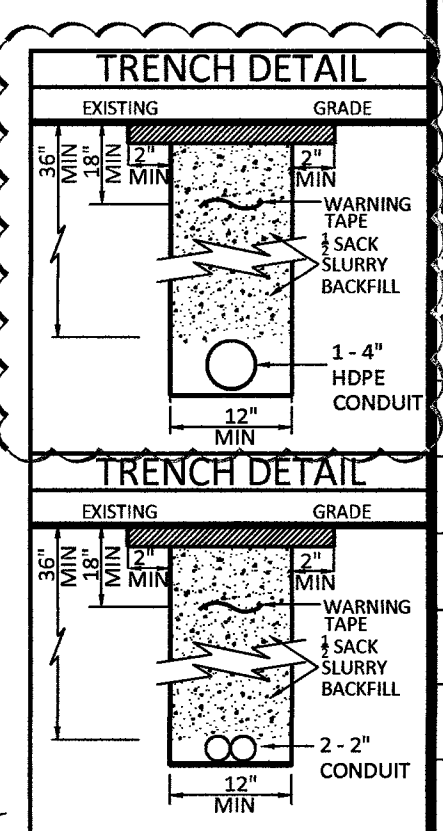
CONTRACTOR TO PLACE LOCATE WIRE AND MULE TAPE IN ALL CONDUIT PLACED

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



DETAIL "A"
N.T.S.



REVISIONS

DATE	DESCRIPTION	INITIAL
05-02-19	MOVED RUNNING LINE & ADJUSTED STATIONS & CALLOUT BOXES SHTS 9, 10. ADJUSTED FOOTAGE TOTALS SHTS 3, 9, 10, 11. ADJUSTED SCHEMATIC SHIT 11	JJ
08-14-19	MOVED IN FROM STA. 14+72.5' TO STA. 13+38. WITH 4" CONDUIT TIE-IN TO MH AT STA. 13+58. ELIMINATED 0708 FROM STA. 13+58 TO STA. 28+78 ON BRUCE ST. USING EXISTING CONDUIT. CALLOUT BOX 2 CHANGED TO 1. AND BOX 3 TO 2. 2" HDPE CHANGED TO 4" SHIT. 10.	RJ

SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

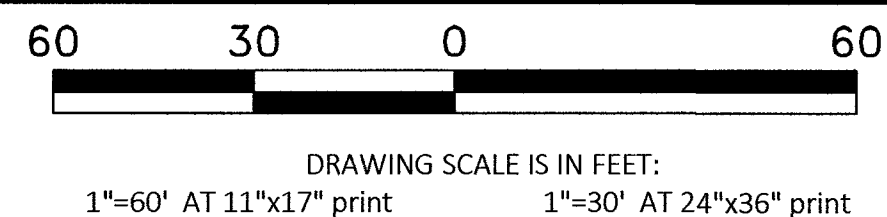
MP _____ TO MP _____

SHEET 9 OF 11

FILE: LSV_NEON_CLV_PERMIT
DESIGNS_916116 REV_082319

CONSTRUCTION DRAWING

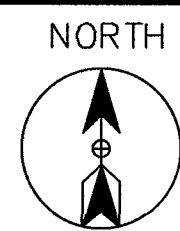
CITY OF LAS VEGAS, NEVADA



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



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



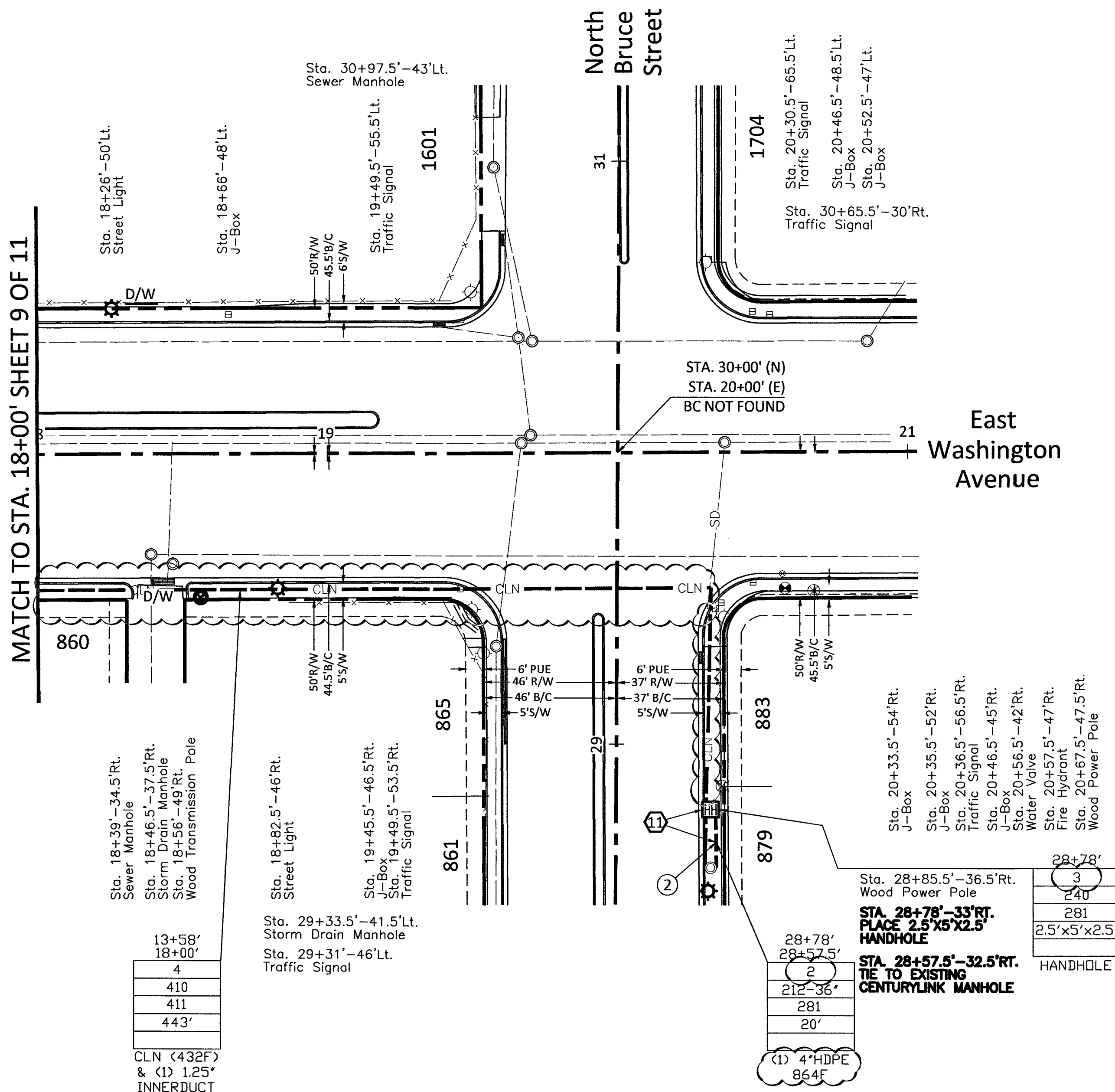
PROJECT: 916116

CELL SITE: LSV_NEON_CLV_PERMIT
DESIGNS_916116_REV_082319
CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL

2" HDPE CONDUIT:	6'
4" HDPE CONDUIT:	20'
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:	328'
TRENCH:	20'
TOTAL NEW UG FOOTAGE:	20'
TOTAL FOOTAGE:	348



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
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- 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

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- 282 REMOVE AND RESTORE CURBING
- 410 PULL CABLE
- 411 PULL THROUGH DUCT (INNERDUCT)
- 520 PLACE AERIAL CABLE
- 630 DIRECTIONAL BORE

COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV_NEON_CLV_PERMIT
DESIGNS_916116_REV_082319

DATE: 8/23/2019

DRAWN BY: RJOHNSON

REVISIONS

DATE	DESCRIPTION	INITIAL
05-02-19	MOVED RUNNING LINE & ADJUSTED STATIONS & CALLOUT BOXES SHTS 9, 10. ADJUSTED FOOTAGE TOTALS SHTS 3, 9, 10, 11. ADJUSTED SCHEMATIC SHIT 11	JJ
08-14-19	MOVED 11IN FROM STA. 14+72.5' TO STA. 13+38. WITH 4" CONDUIT TIE-IN TO MH AT STA. 13+58. ELIMINATED 0708 FROM STA. 13+58 TO STA. 28+78 ON BRUCE ST. USING EXISTING CONDUIT. CALLOUT BOX 2 CHANGED TO 1. AND BOX 3 TO 2. 2" HDPE CHANGED TO 4" SHIT. 10.	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

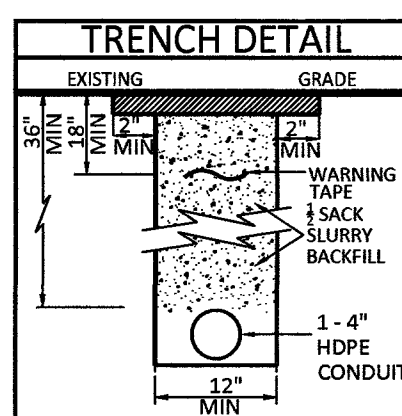
HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 10 OF 11

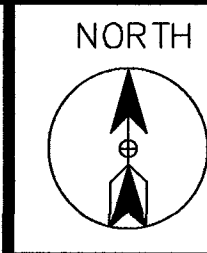
FILE: LSV_NEON_CLV_PERMIT
DESIGNS_916116_REV_082319



RePlot

ROUTE SCHEMATIC

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



PROJECT: 916116

CELL SITE: LSV_NEON_CLV_PERMIT
DESIGNS_916116_REV_082319
CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

FIBER TOTALS

FIBER SIZE/LENGTH: 864/1,169'

MCI
COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION
TITLE: CELL SITE: LSV_NEON_CLV_PERMIT
DESIGNS_916116_REV_082319
PROJECT TITLE

DATE: 8/23/2019

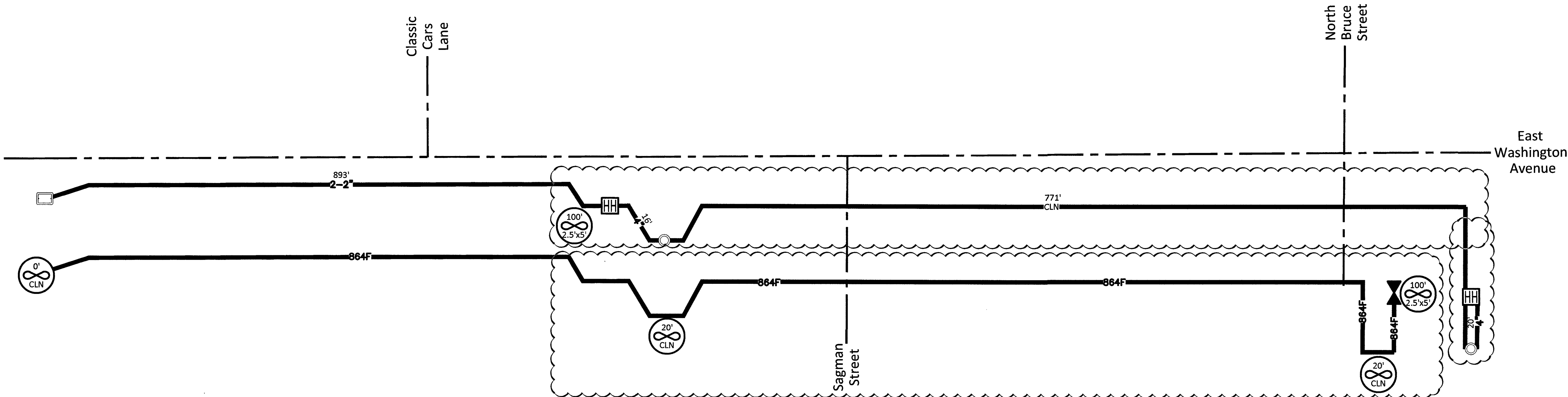
DRAWN BY: RJOHNSON

REVISIONS		
DATE	DESCRIPTION	INITIAL
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08-14-19	MOVED HH FROM STA. 14+72.5" TO STA. 13+38. WITH 4" CONDUIT TIE-IN TO MH AT STA. 13+58. ELIMINATED 07/08 FROM STA. 13+58 TO STA. 28+78 ON BRUCE ST. USING EXISTING CONDUIT. CALLOUT BOX 2 CHANGED TO 1. AND BOX 3 TO 2. 2" HDPE CHANGED TO 4" SHIT. 10.	RJ

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SCALE
HORIZONTAL: 1"=30'
VERTICAL: NA
MP _____ TO MP _____
SHEET 11 OF 11
FILE: LSV_NEON_CLV_PERMIT
DESIGNS_916116_REV_082319

SITE-SPAN NAME: CELL SITE: LSV_NEON_CLV_PERMIT DESIGNS_916116_REV_082319 SITE-SPAN ID: 1708APXX.022									
FQ/ID	SEGMENT	FIBER COUNT	TRENCH	BORE	DB/OT	3RD PARTY	VZ OWNED	AERIAL	TOTAL
FIB:BUR:: 56137638	916116	864F	1,776'	'	'	'	'	'	1,776'



PK
11 18 R

Repro