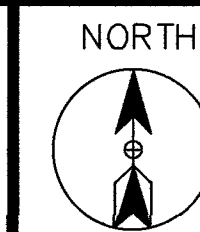


INDEX SHEET

CITY OF LAS VEGAS, NEVADA

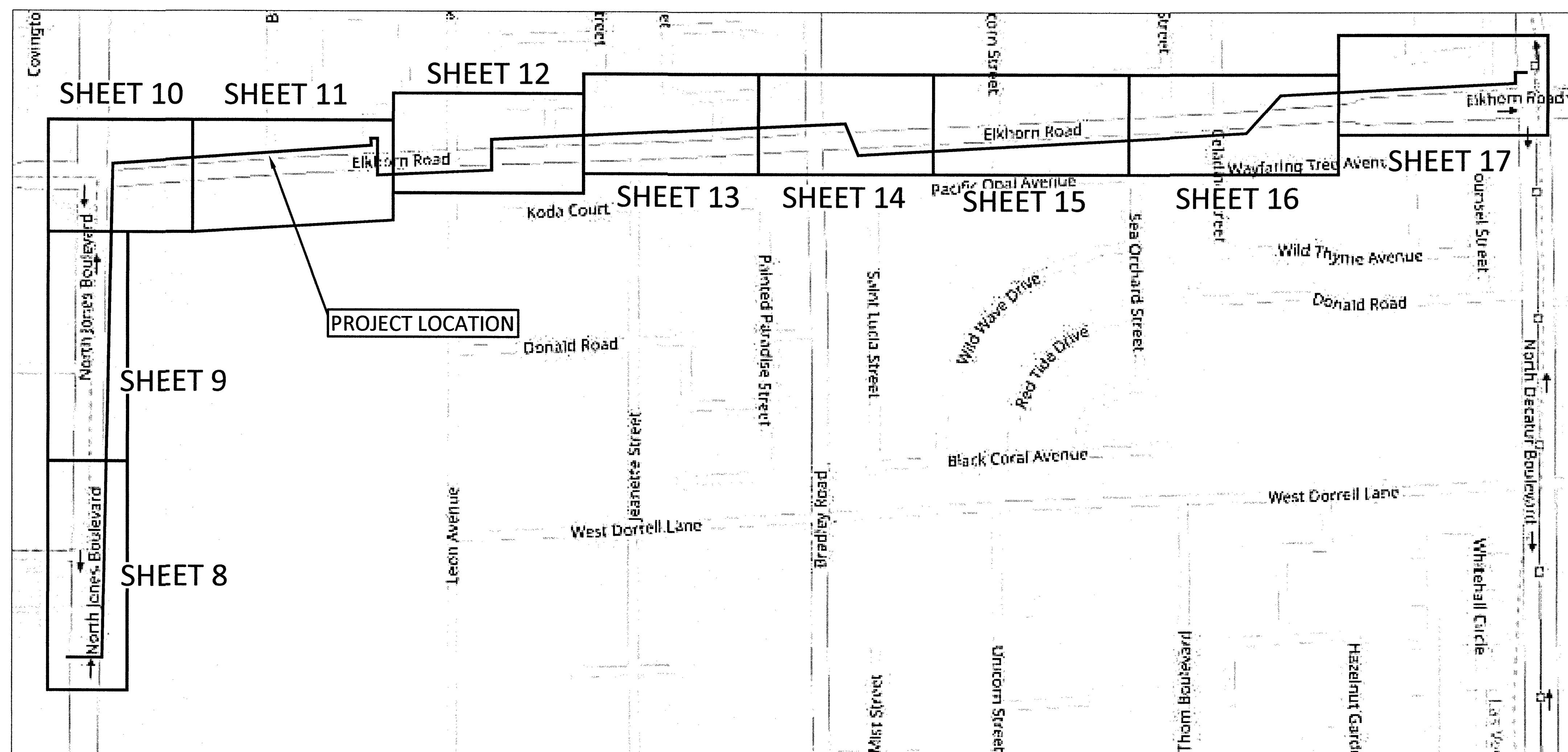


CELL SITE:LSV ELK HORN

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.

QUANTITY



MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

HUB:LSV ALLEN - CELL SITE:LSV ELK HORN

DATE: 4/5/2019

DRAWN BY: ERAMSEY

REVISIONS

[illegible]

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP	TO MP
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SHEET 1 OF 18

FILE: LSV ELK HORN

\\VERIZON ONEFIBER\LAS VEGAS\LSV ALLEN\LSV ELK HORN\CONSTRUCTION DRAWINGS

GENERAL NOTES / CLARIFICATION NOTES

CITY OF LAS VEGAS GENERAL NOTES:

- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLICWORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA NEVADA", LATEST ISSUE; THE "UNIFORM STANDARD DRAWINGS FOR PUBLICWORKS CONSTRUCTION, CLARK COUNTY AREA NEVADA", LATEST REVISED EDITION; THE "SUMMERLIN IMPROVEMENT STANDARDS" FOR WORK IN THE SUMMERLIN AREA; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; THE UNIFORM BUILDING CODE; AND ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE, EXCEPT AS NOTED ON THIS SHEET AS "DEVIATIONS FROM STANDARDS".
- THE EXISTENCE AND LOCATION OF ANY OVERHEAD OR UNDERGROUND UTILITY LINES, PIPES, OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A RESEARCH OF THE AVAILABLE RECORDS. EXISTING UTILITIES AS SHOWN FROM CLV PLANS LIBRARY ARE APPROXIMATE AND FOR RECORD PURPOSES. EXISTING UTILITIES ARE LOCATED ON PLANS ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. EXISTING UTILITY SERVICE LATERALS MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE ALL UNDERGROUND AND OVERHEAD INTERFERENCE'S WHICH MAY AFFECT HIS OPERATION DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO SAME. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COST AND LIABILITY IN CONNECTION THEREWITH.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING UTILITY LINES, STRUCTURES AND STREET IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE, FROM DAMAGE, AND ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED SATISFACTORY TO THE CITY ENGINEER AND OWNING UTILITY COMPANY AT THE EXPENSE OF THE CONTRACTOR.
- ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS, ANY REVISIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.
- TYPE V CEMENT SHALL BE USED IN ALL OFF-SITE CONCRETE WORK. CONCRETE TO BE 3000 P.S.I. MINIMUM @ 28 DAYS. MIX DESIGNS TO BE APPROVED BY THE CITY, PRIOR TO THE USE ON THE PROJECT.
- PERMITS ARE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS CONSTRUCTION.
- EXPANSION JOINTS REQUIRED, MAXIMUM EVERY 300' IN EXTRUDED-TYPE CURB.
- AC PAVEMENT TO BE ONE-HALF INCH (½") ABOVE LIP OF ALL GUTTERS AFTER COMPACTION, EXCEPT AT SIDEWALK RAMPS AND CROSS GUTTERS.
- CURB AND GUTTER FOUND TO BE UNACCEPTABLE TO THE CITY OF LAS VEGAS SHALL BE REMOVED AND REPLACED PER STANDARD DRAWING 216.
- SIDEWALK RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION PER STANDARD DRAWING 235. EXACT LOCATION OF RAMPS MAY BE ADJUSTED IN THE FIELD BY A CITY INSPECTOR.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITIONS BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND FOR INGRESS AND EGRESS TO NEW CONSTRUCTION. THE EXTENT OF THE TRANSITIONS TO BE AS SHOWN ON PLANS.
- ALL GRADING WORK SHALL CONFORM TO THE SOILS REPORT AS PREPARED BY THE (COMPANY, REPORT #, DATE) APPROVED BY THE CITY ENGINEER, AND AS SHOWN ON THESE PLANS.
- EXACT LOCATION OF ALL SAWCUT LINES MAY BE ADJUSTED OR DETERMINED IN THE FIELD BY A CITY OF LAS VEGAS ENGINEER IF LOCATION ON PLANS IS NOT CLEARLY SHOWN, OR EXISTING PAVEMENT CONDITION REQUIRES RELOCATIONS.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT EXISTING PERMANENT SURVEY MONUMENTS. ANY MONUMENTS DISTURBED SHALL BE REPLACED AND ADJUSTED PER AVAILABLE RECORDS IN ACCORDANCE WITH N.R.S. STATUTE NO. 625.380 & CITY OF LAS VEGAS TITLE 18, APPENDIX D.
- UTILITY COMPANY METER BOXES, MANHOLE LIDS, VALVE COVERS, ETC., SHALL BE LOCATED OUT OF DRIVEWAYS, DRIVEWAY APRONS, FLOWLINES, AND CROSS GUTTERS UNLESS WRITTEN APPROVAL IS GRANTED BY THE UTILITY COMPANY AND THE CITY ENGINEER.

WALL NOTES:

ALL WALLS, NEW OR EXISTING, ARE ONLY SHOWN ON CIVIL PLANS FOR THE PURPOSE OF REVIEWING GRADING RELATIONSHIPS; FLOOD CONTROL AND SIGHT DISTANCE AT INTERSECTIONS. NEW WALLS REQUIRE A SEPARATE PERMIT AND INSPECTION BY THE BUILDING DEPARTMENT.

ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE PLACEMENT OF ASPHALT WITHIN CITY RIGHT OF WAY.
- CONTRACTOR SHALL ADJUST ALL NEW AND EXISTING INLETS, VALVE BOXES, MANHOLE RIMS, AND SEWER CLEAN OUTS, ETC. TO FINISH GRADE AS APPLICABLE WHETHER OR NOT THEY ARE SHOWN ON THE PLANS.

- MATERIALS, HANDLING AND PLACEMENT OF PORTLAND CEMENT CONCRETE SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF NDOT OR THE CLARK COUNTY AREA SPECIFICATIONS (AS APPLICABLE) AND THE PLANS AND DETAILS SHOWN HEREON.
- WHEN INSTALLING UNDERGROUND FACILITIES THAT REQUIRE UNDERGROUND LOCATING DEVICES SUCH AS MARKER BALLS, LOCATING RIBBON, ETC, THE CONTRACTOR SHALL PROVIDE WRITTEN DOCUMENTATION TO OFFSITE INSPECTION AND TESTING CERTIFYING THAT ALL DEVICES HAVE BEEN PLACED AND VERIFIED TO BE IN GOOD WORKING CONDITION PRIOR TO THE CONSTRUCTION OF ANY ROAD BASE.
- SANITARY SEWER AND STORM DRAIN FINAL LOCATION MAP(S) SHALL BE PROVIDED TO THE CITY AND APPROVED PRIOR TO ACCEPTANCE OF FACILITY VIDEO INSPECTION. THE MAP(S) SHALL INCLUDE THE HORIZONTAL AND VERTICAL (INVERT) LOCATION OF PUBLIC SEWER MANHOLES, STORM DRAIN MANHOLES AND TRANSITION STRUCTURES, STORM DRAIN LATERALS AT THE CONNECTION TO THE STORM DRAIN MAIN AND AT THE CONNECTION TO A DROP INLET, THE CONNECTION OF SEWER SERVICE LATERALS TO THE SEWER MAIN AND WHERE THE SEWER SERVICE LATERALS EXIT THE PUBLIC RIGHT-OF-WAY, AND STORM DRAIN MAIN ALIGNMENT, INCLUDING DEFLECTION POINTS. THE LOCATION SHALL BE DESCRIBED BY COORDINATES WHICH SHALL BE BASED ON THE OFFICIAL HORIZONTAL AND VERTICAL CONTROL NETWORKS OF THE CITY OF LAS VEGAS. FINAL LOCATION MAPS MUST BE SEALED AND CERTIFIED BY A NEVADA PROFESSIONAL LAND SURVEYOR TO HAVE POSITIONAL CERTAINTIES OF ± 0.09 METERS (± 0.3 FEET) HORIZONTALLY AND VERTICALLY. A SEPARATE ELECTRONIC COMMA DELIMITED FILE FOR THE SANITARY SEWER AND STORM DRAIN COORDINATES SHALL ALSO ACCOMPANY THE SANITARY SEWER AND STORM DRAIN FINAL LOCATION MAP(S).

OR

SANITARY SEWER AND STORM DRAIN FACILITIES SHOWN ON THESE PLANS SHALL BE USED TO MEET THE REQUIREMENTS OF NRS 455 AND SHALL SHOW AT A MINIMUM THE HORIZONTAL AND VERTICAL (INVERT) LOCATION OF PUBLIC SEWER MANHOLES, STORM DRAIN MANHOLES, STORM DRAIN LATERALS AT THE CONNECTION TO THE STORM DRAIN MAIN AND AT THE CONNECTION TO A DROP INLET, AND THE CONNECTION OF SEWER SERVICE LATERALS TO THE SEWER MAIN AND WHERE THE SEWER SERVICE LATERALS EXIT THE PUBLIC RIGHT-OF-WAY. ANY DEVIATIONS FROM THE INFORMATION SHOWN SHALL BE NOTED AND SUBMITTED AS A REVISION TO THE PLANS AND APPROVED PRIOR TO ACCEPTANCE OF FACILITY VIDEO INSPECTION.
- CCTV VIDEO INSPECTION IS REQUIRED FOR ALL SEWER AND STORM DRAINS. THE CCTV VIDEO INSPECTIONS NEED TO BE PERFORMED PER THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS LATEST EDITION.
- A SEPARATE BORING PERMIT IS REQUIRED FOR ALL BORING ACTIVITIES.
- REVISED 02/03/15

GENERAL NOTES

- * WORLD COM PRECISES THE FOLLOWING OPERATING ENTITIES:

- BROOKS FIBER PROPERTIES, INC.

- MCI METRO ACCESS TRANSMISSION SERVICES, LLC

- SOUTHERNET, INC.

- MCI WORLD COM NETWORK SERVICES, INC.

(COMPRISES MCI TELECOMMUNICATIONS CORP. (MCI LD)

AND WORLD COM NETWORK SERVICES, INC. (WORLD COM LD)

- MFS TELECOM, INC.

- TELECOM*USA, INC.

- SOUTHERNET SYSTEMS, INC.

- MCI WORLD COM NETWORK SERVICES OF VIRGINIA

- MCI METRO ACCESS TRANSMISSION SERVICES OF VIRGINIA, INC.

ADDENDUM NOTES

CLARIFICATION NOTES

- STATION
- REFERENCE ORDER NUMBER
- CLARIFICATION NO. AND/OR MINIMUM COVER
- CLARIFICATION NO.
- CLARIFICATION NO. AND/OR FOOTAGE
- CLARIFICATION NO. AND/OR FOOTAGE
- SPECIFIED CONDUIT, HANDHOLE/MANHOLE NO., SPECIFIED PURPOSE AND MATERIAL, BRIDGE NO. AND RAILROAD STATION, MATERIAL, POLE NO.

- | | |
|-----|---|
| 110 | JACK AND DRY BORE CONDUIT(S) |
| 210 | PLACE CONDUIT |
| 212 | PLACE HIGH DENSITY POLYETHYLENE (HDPE) |
| 213 | ROCK ADDER |
| 214 | SLURRY BACKFILL ADDER |
| 215 | EXPOSE CONDUIT |
| 216 | EXPOSE COMDUIT AND RELOCATE |
| 217 | EXPOSE CONDUIT AND REPLACE/SUBSTITUTE |
| 218 | EXPOSE AND REMOVE CONDUIT |
| 219 | EXPOSE AND REMOVE CONDUIT (ABANDONED) |
| 220 | CONCRETE ENCASE |
| 221 | REMOVE CONCRETE ENCASEMENT |
| 222 | REMOVE CONCRETE CAP |
| 240 | PLACE HANDHOLE |
| 244 | REMOVE EXISTING HANDHOLE |
| 245 | RELOCATE HANHOLE |
| | REPLACE/SUBSTITUTE HANDHOLE |
| 247 | EXCAVATE SPLICE PIT |
| 250 | PLACE MANHOLE |
| 252 | REMOVE EXISTING MANHOLE |
| 255 | RELOCATE PRECAST MANHOLE |
| 256 | REPLACE/SUBSTITUTE PRECAST MANHOLE |
| 260 | CONSTRUCT WALL |
| 270 | REMOVE AND RESTORE ASPHALT |
| 280 | REMOVE AND RESTORE CONCRETE |
| 281 | REMOVE AND RESTORE SIDEWALK |
| 282 | REMOVE AND RESTORE CURBING |
| 283 | REMOVE AND RESTORE DIRT/LANDSCAPING |
| 310 | ATTACH CONDUIT TO WALL OR STRUCTURE |
| 315 | DETACH CONDUIT FROM WALL OR STRUCTURE |
| 320 | CORE BORE |
| 330 | ATTACH PULL/SPLICE BOX TO WALL OR STRUCTURE |
| 410 | PULL CABLE |
| 411 | PULL THROUGH DUCT (INNERDUCT) |
| 415 | REMOVE CABLE FROM CONDUIT |
| 420 | REPOSITION ACTIVE CABLE SLACK |
| 510 | DIRECT BURY CABLE |
| 515 | EXPOSE DIRECT BURIED CABLE |
| 516 | EXPOSE DIRECT BURIED CABLE AND RELOCATE |
| 517 | REMOVE AND DISPOSE OF CABLE |
| 520 | PLACE AERIAL CABLE |
| 525 | RELOCATE AERIAL CABLE |
| 526 | DELASH AERIAL CABLE |
| 527 | RELASH AERIAL CABLE |
| 528 | REMOVE AERIAL CABLE |
| 530 | PLACE POLE/PUSH BRACE |
| 535 | REMOVE POLE/PUSH BRACE |
| 610 | JETTING CONDUIT |
| 620 | EMBEDMENT PLOW |
| 630 | DIRECTIONAL BORE |
| 710 | PLACE BURIED CABLE MARKERS AND SIGNS/MWCOM WATER CROSSING SIGNS |
| 711 | PLACE ISOLATOR/PROTECTION SYSTEM AT EXISTING HANDHOLES/MANHOLES |
| 712 | REMOVE BURIED CABLE MARKER POST/HARDWARE |
| 714 | REMOVE CONCRETE BURIED CABLE MARKER POST |



CELL SITE:LSV ELK HORN

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HUB:LSV ALLEN - CELL SITE:LSV ELK HORN

DATE: 4/5/2019

DRAWN BY: ERAMSEY

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-	-	-

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 2 OF 18

FILE: LSV ELK HORN

CONTACT SHEET/ DETAILS

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

OUTSIDE PLANT ENGINEERING:

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

OUTSIDE PLANT CONSTRUCTION:

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

RIGHT-OF-WAY:

AGENT:
MANAGER:

CONTRACTS:

COORDINATOR: N/A
MANAGER: N/A

OTHERS:

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

ENGINEERING CONTRACTOR

NAME OF FIRM: BPG DESIGNS
PROJECT MANAGER:
ENG. PROJECT SUPERVISOR:

1-602-954-2223

CONSTRUCTION CONTRACTOR

NAME OF FIRM: TEAM FISHEL
PROJECT COORDINATOR:

1-702-644-4565

CITY GOVERNMENT

BUREAU OF ENGINEERING:

CITY ENGINEER:

UTILITIES

WORLD.COM UTILITY LOCATE
USA NORTH BLUESTAKE

1-800-624-9675

811

PROJECT TOTALS SUMMARY

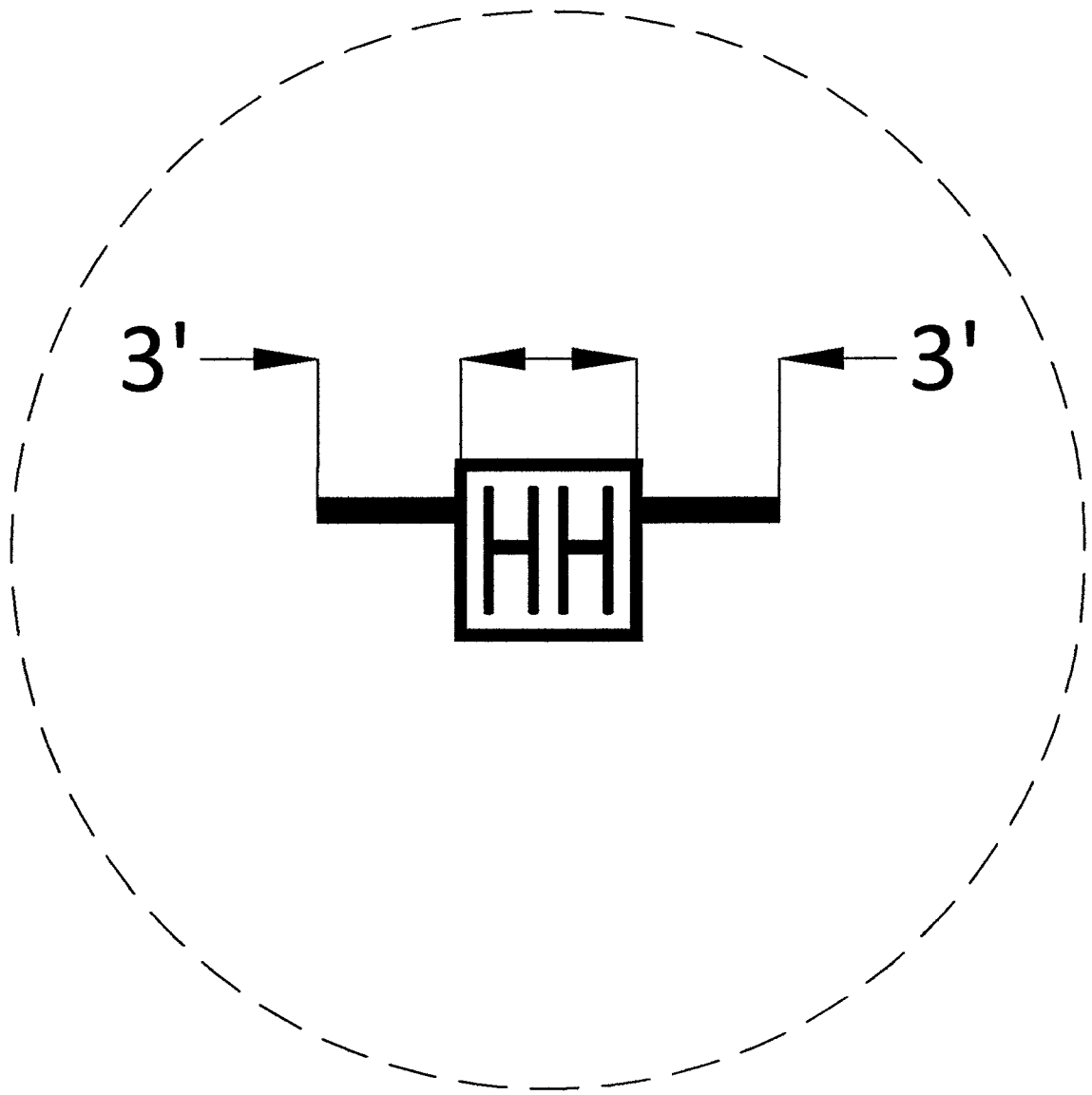
MATERIALS

2" HDPE CONDUIT(S): 2,356'
2.5" HDPE CONDUIT(S): 40'
4" HDPE CONDUIT(S): 154'
2' x 3' x 2' HANDHOLE(S): 2
2.5' x 5' x 2.5' HANDHOLE(S): 5
4' x 4' x 4' MANHOLE(S): 1

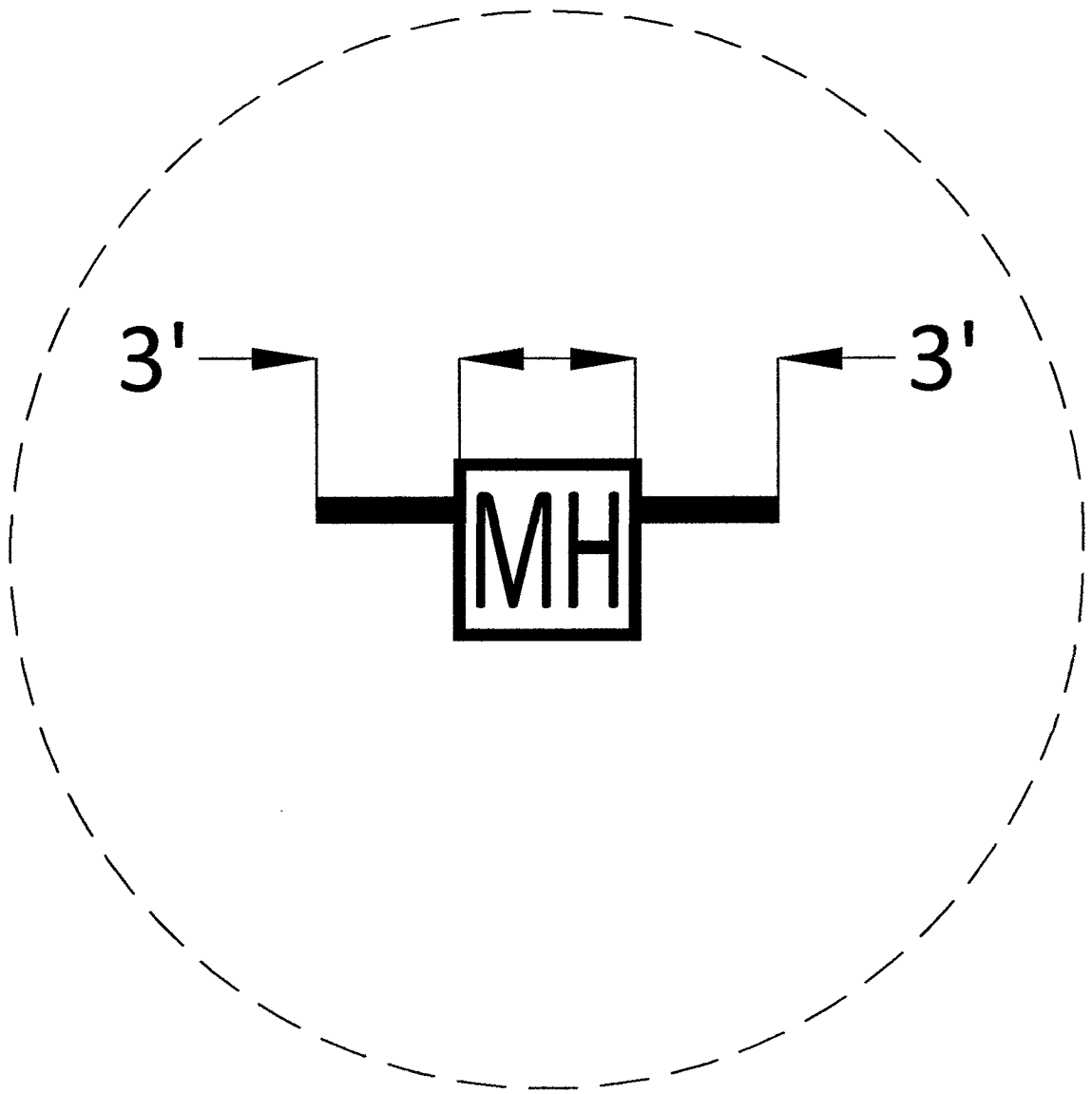
WORK TYPE

AERIAL: -
VZW CONDUIT: -
3RD PARTY CONDUIT: 6,339'
TRENCH: 1,354'
ASPHALT CUT: -
BORE: -

TOTAL NEW UG FOOTAGE: 1,354'
TOTAL FOOTAGE: 7,693'



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



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



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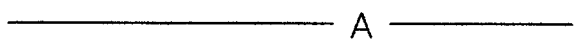
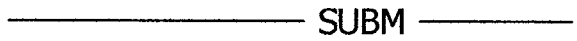
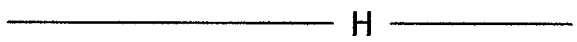
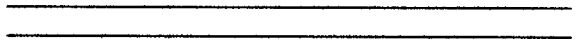
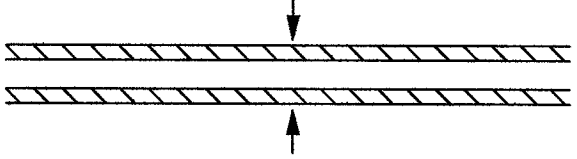
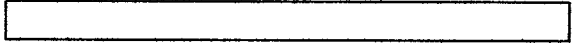
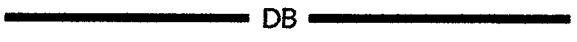
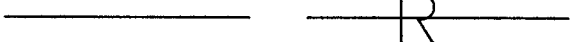
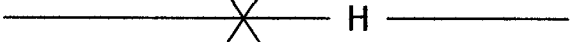
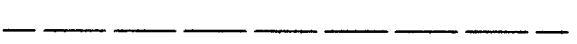
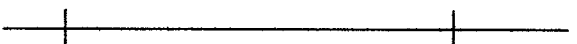
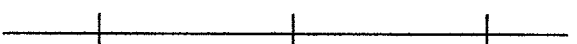
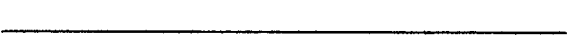
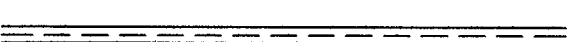
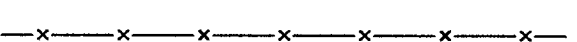
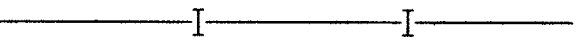
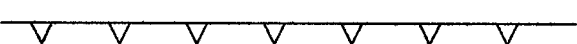
MP TO MP

SHEET 3 OF 18

FILE: LSV ELK HORN

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

BURIED CABLE	
AERIAL CABLE	
SUBMARINE CABLE	
FOGWIRE CABLE	
DIRECT BURIED HDPE	
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	
OPEN TRENCH	
FUTURE CABLE	
REMOVE CABLE	
TO BE REMOVED OR ABANDONED (SHOWN FOR HDPE)	
AERIAL UTILITY (ELECTRIC)	
UNDERGROUND UTILITY (TELEPHONE)	
MAIN TRACKS	
AUXILLARY TRACKS	
CENTERLINE	
RIGHT-OF-WAY	
DITCH LINE	
CITY, COUNTY OR STATE BOUNDARY LINE	
PROPERTY LINE	
BLOCKWALL	
FENCE LINE	
GUARDRAIL	
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

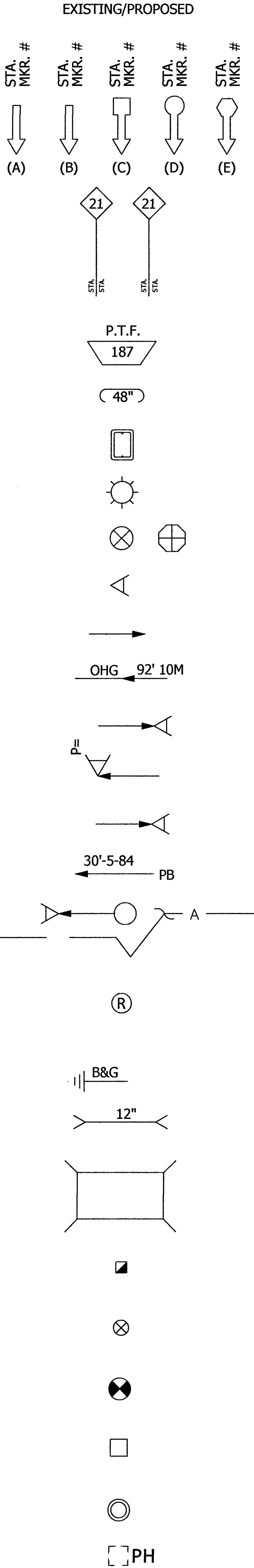
VALVE

FIRE HYDRANT

RAILROAD SIGNAL CONTROL BOX

MANHOLE

POTHOLE



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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 4 OF 18

FILE: LSV ELK HORN



CELL SITE:LSV ELK HORN

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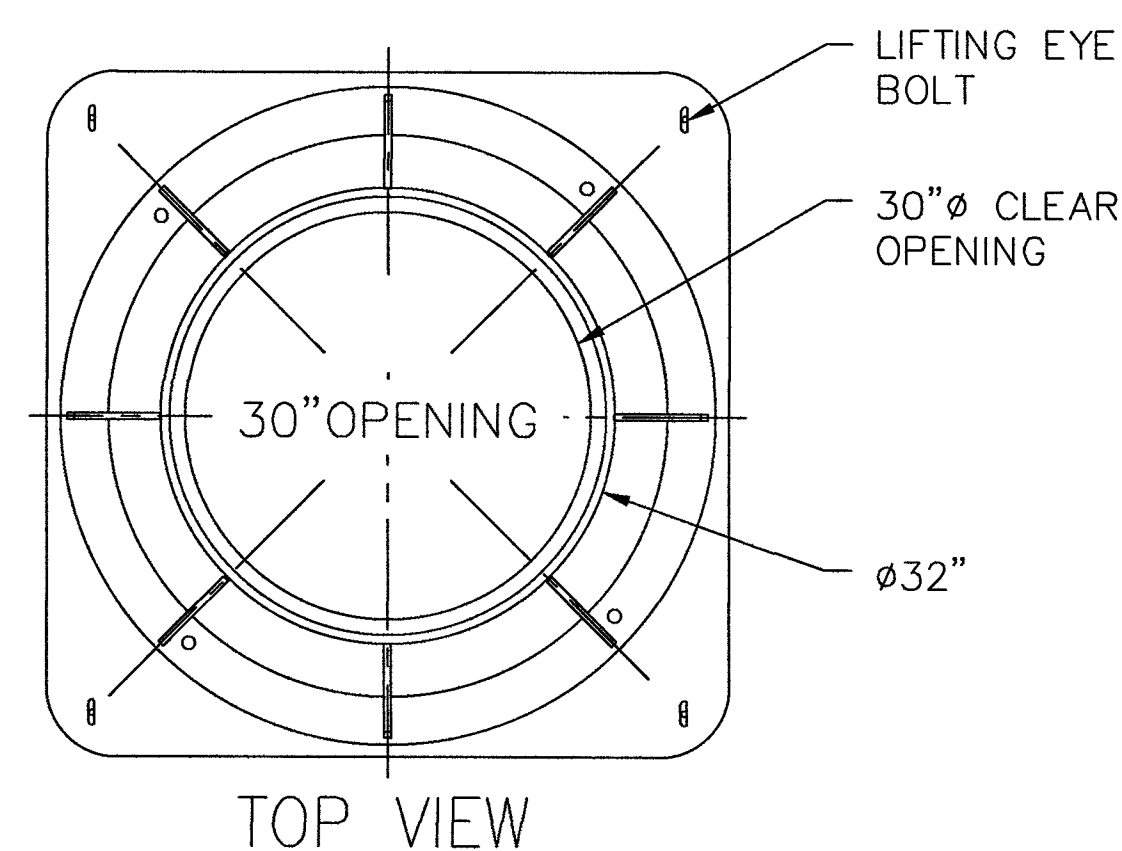
HORIZONTAL: 1"=30'

VERTICAL: NA

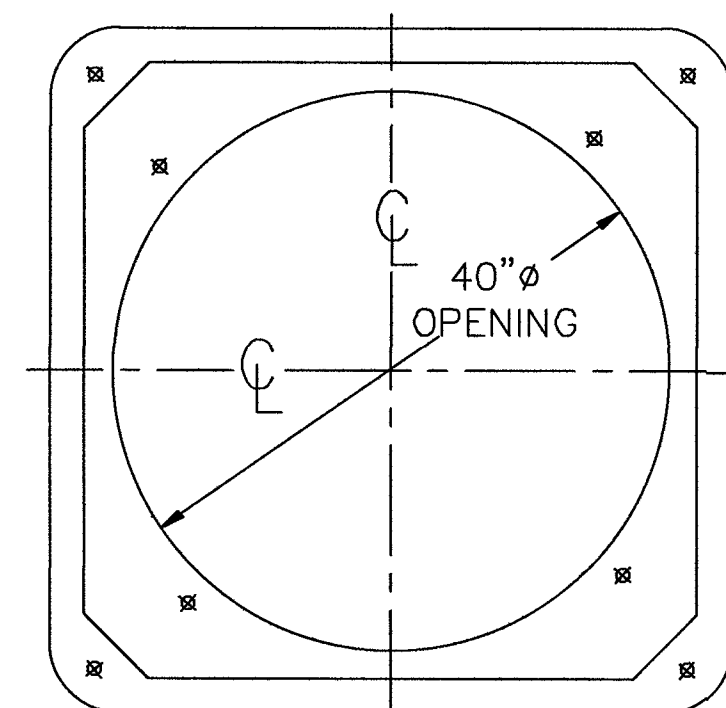
MP TO MP

SHEET 5 OF 18

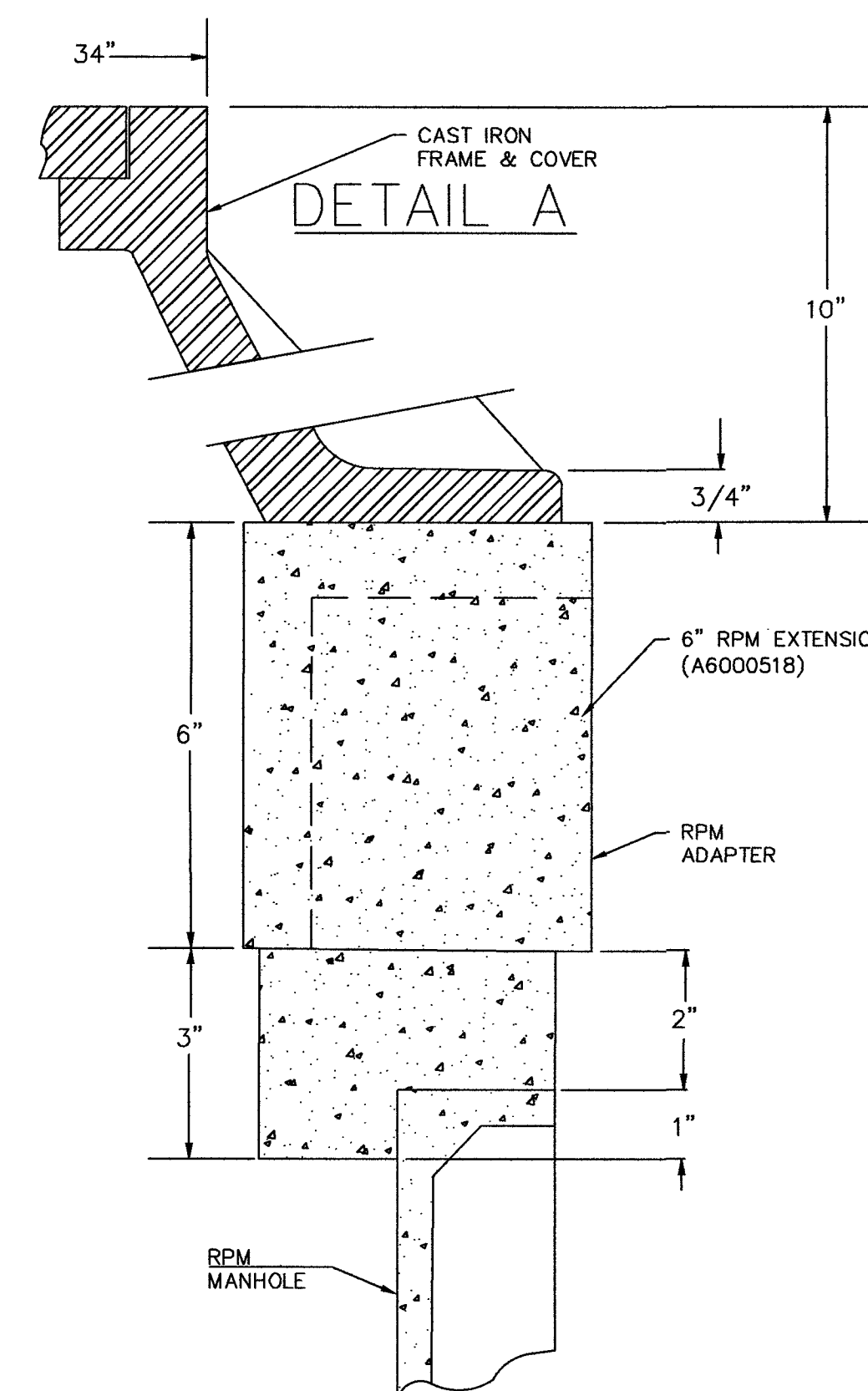
FILE: LSV ELK HORN



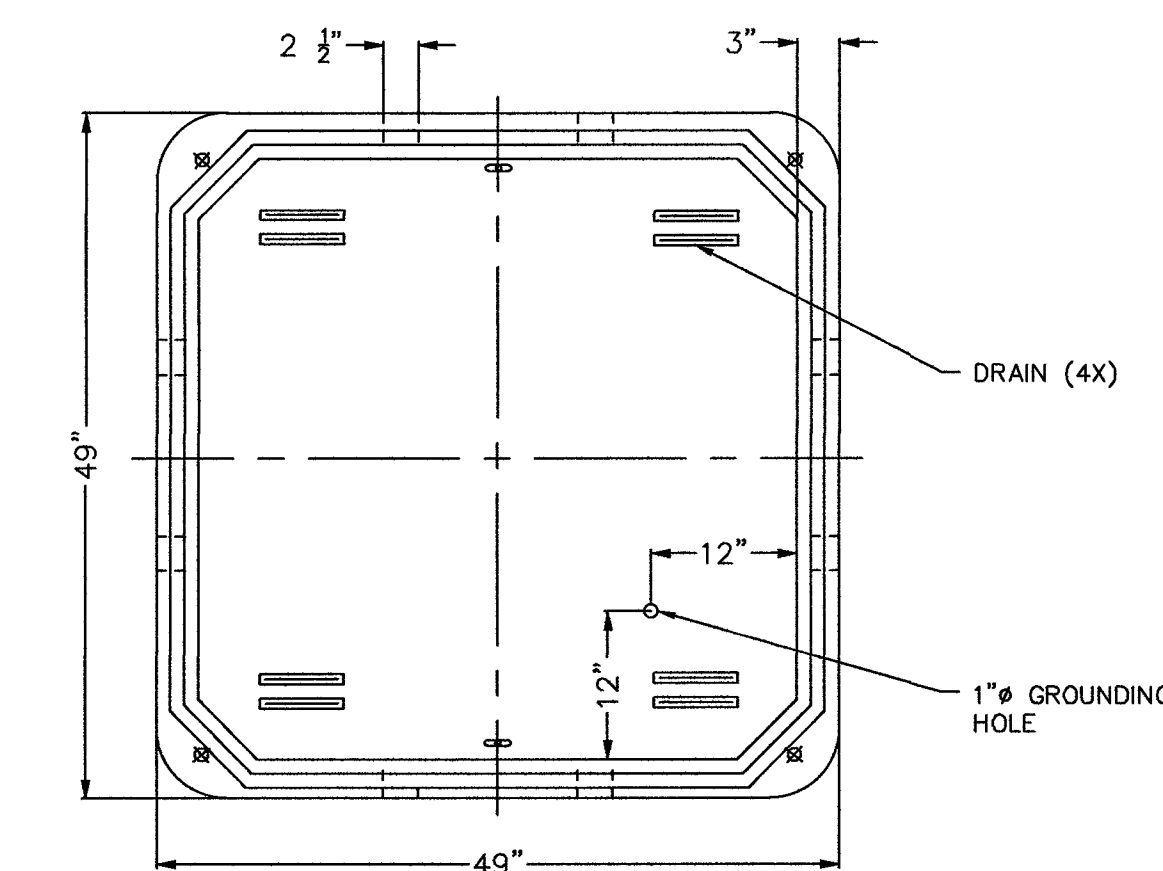
TOP VIEW



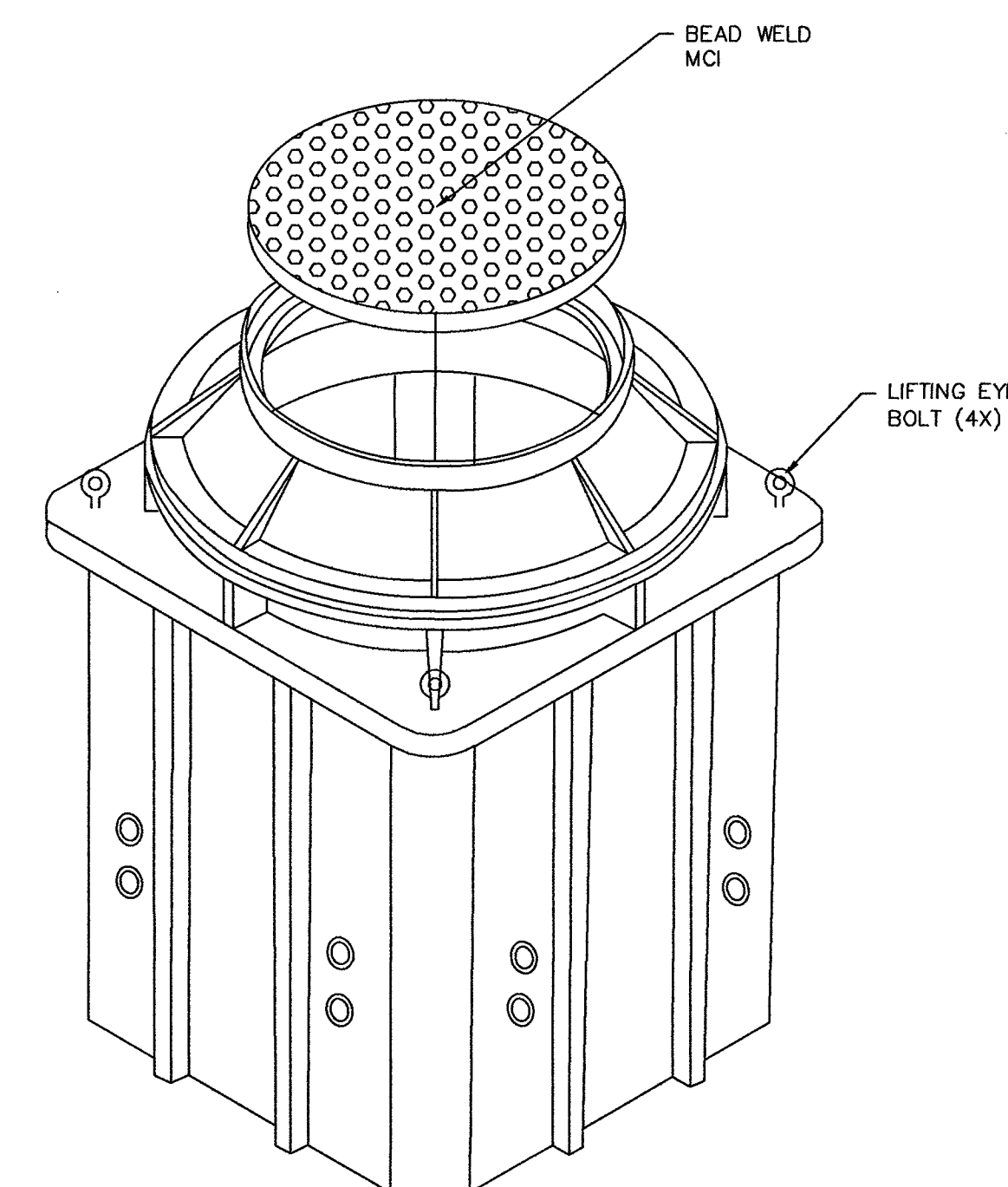
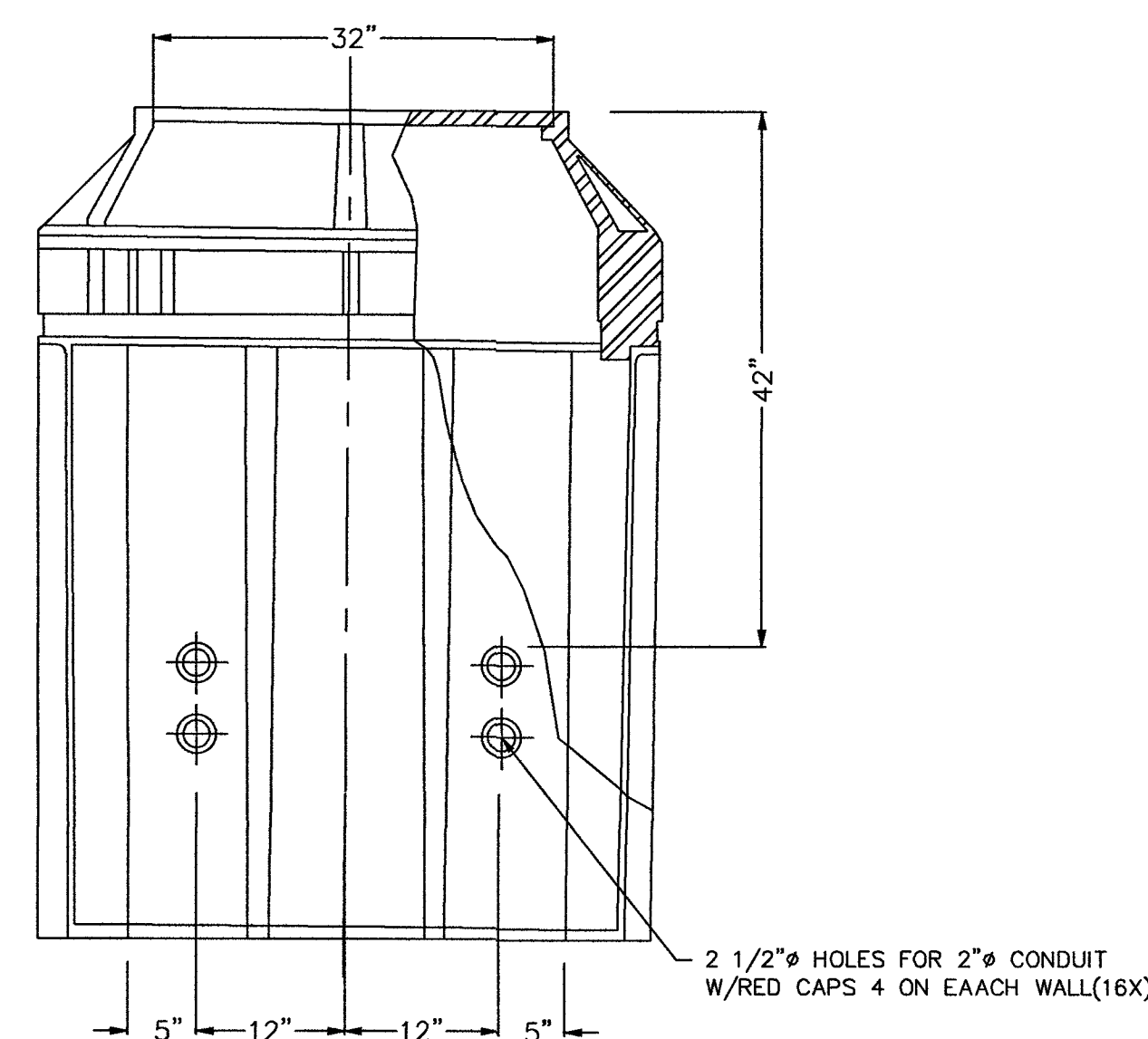
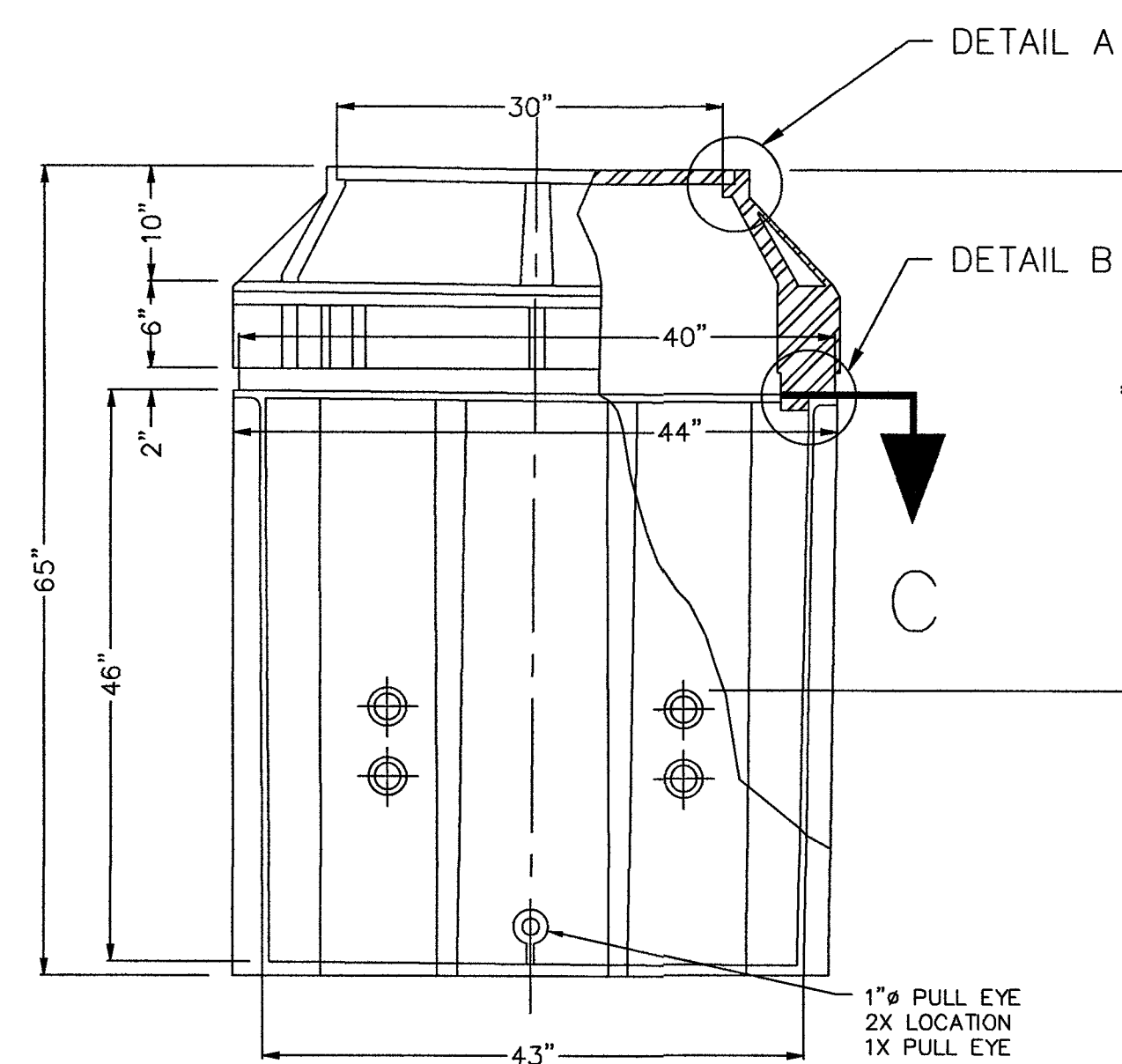
POLYMER CONCRETE ADAPTER
SECTION C-C



DETAIL B



POLYMER CONCRETE MANHOLE
TOP VIEW



13230 SATICOY STREET
NORTH HOLLYWOOD, CA 91605
(818) 982-3500

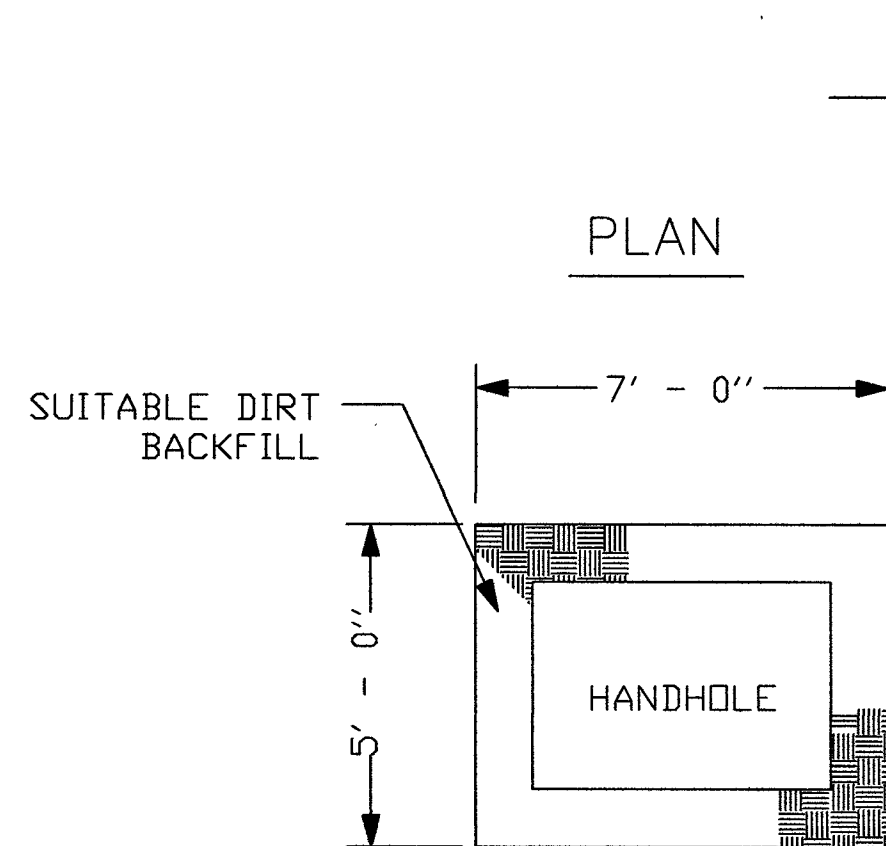
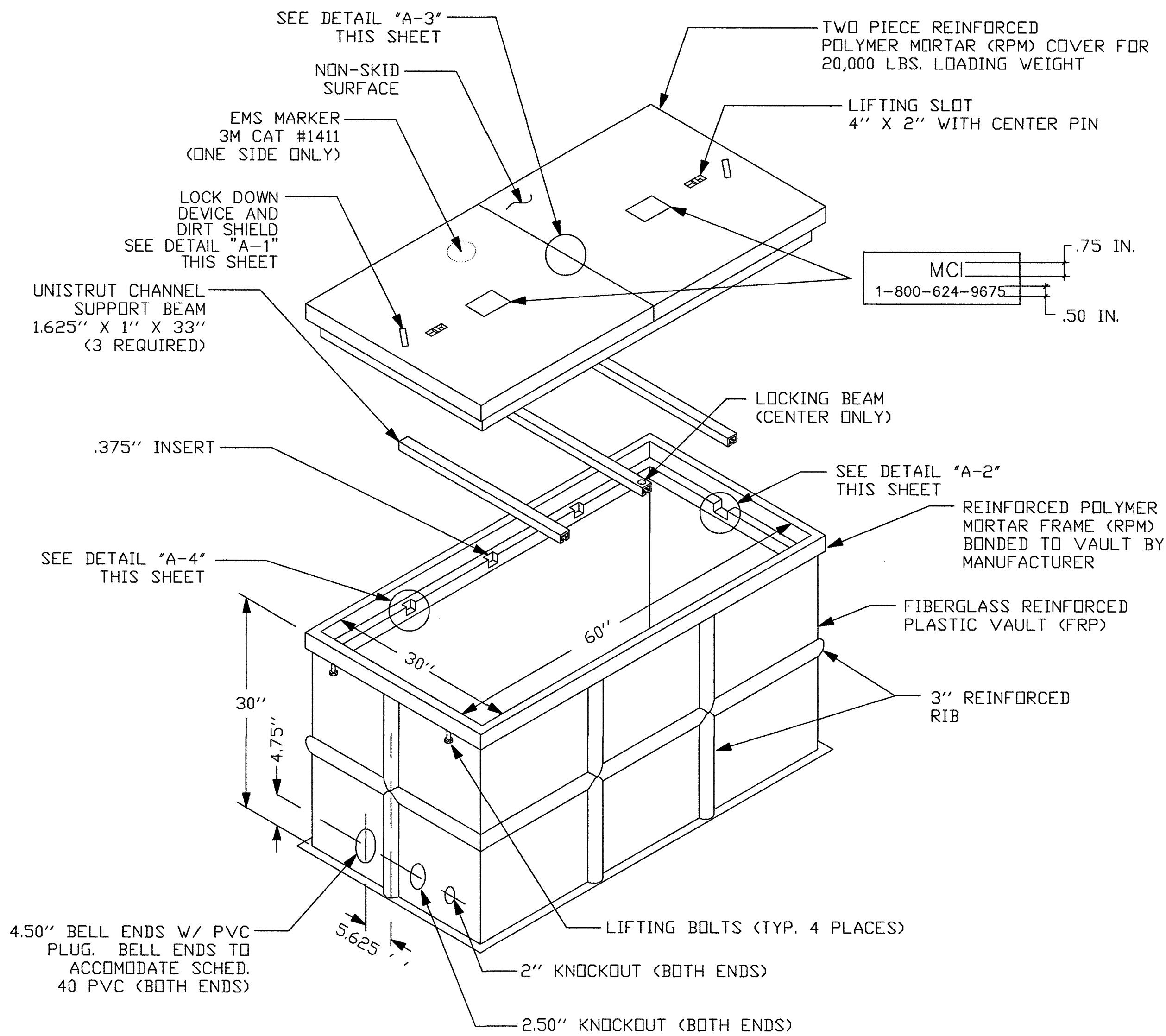
ARMORCAST PRODUCTS COMPANY

THE INFORMATION IN THIS DRAWING IS CONFIDENTIAL. THE DRAWING IS NOT TO BE REPRODUCED OR ITS CONTENTS DIVULGED IN ANY MANNER WHATSOEVER WITHOUT 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

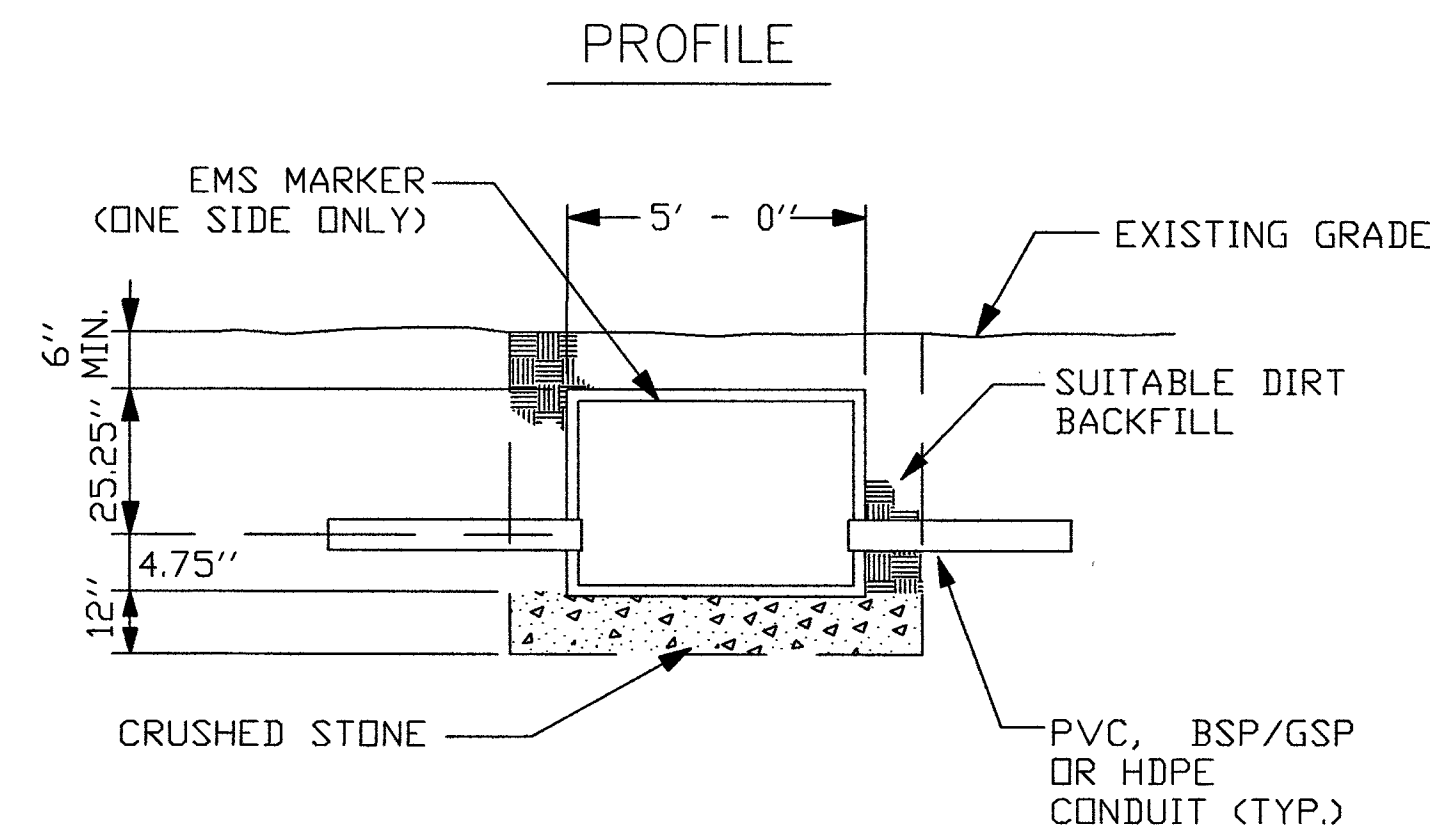
PART DESCRIPTION			
4'X4'X4' POLYMER CONCRETE MANHOLE ASSEMBLY W/ EXTENSION			
CUSTOMER			
MCI			
DRAWN	DATE	SCALE	MAX LOAD
GL	8/17	NONE	AASHTO H-20
APPROV	MATERIAL	DRAWING NUMBER	
WS	FRP,RPM	A6000514HTAPMC13	

2.5' x 5' x 2.5' HANDHOLE DETAILS

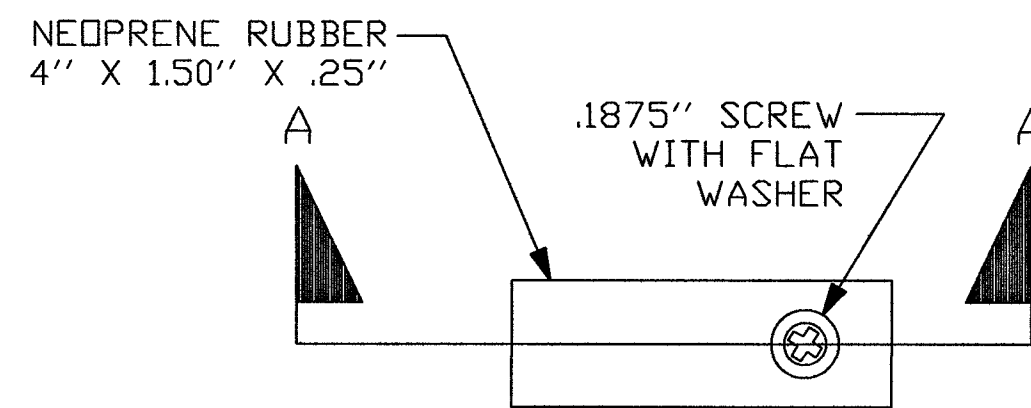
DETAIL "A"
EXPLODED ISOMETRIC DETAIL



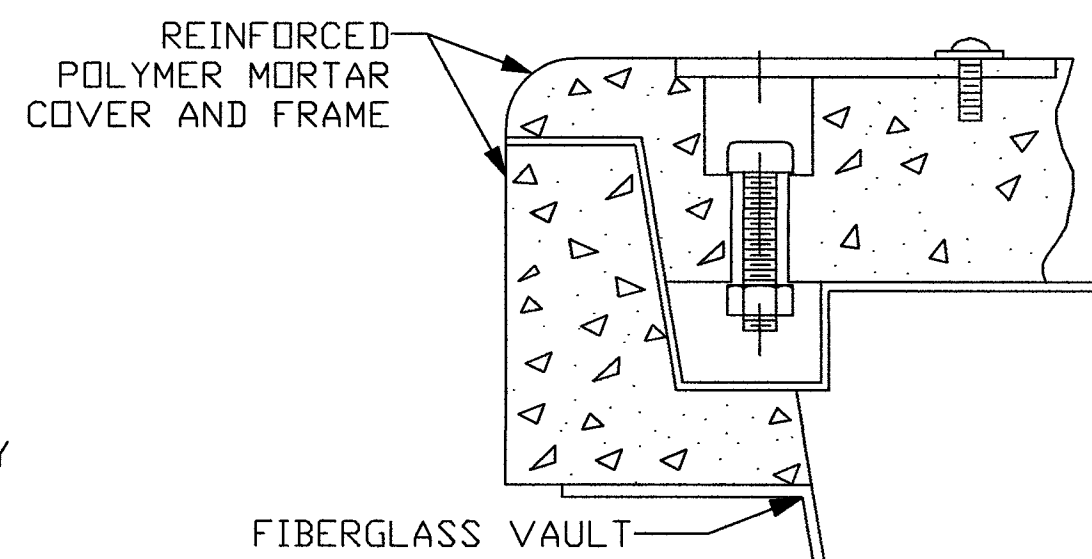
DETAIL "C"
EXCAVATION PIT



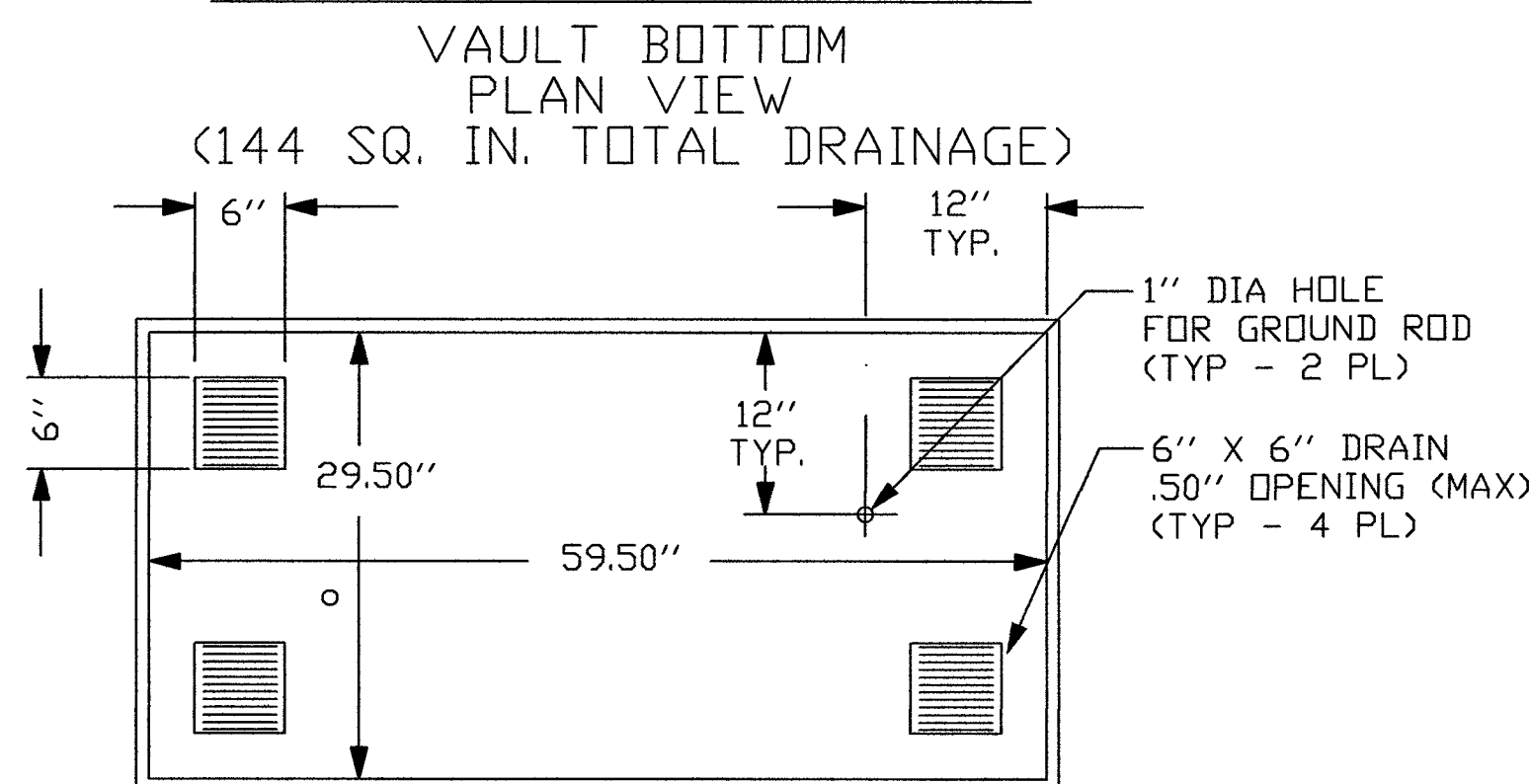
DETAIL "A-1"
LOCK DOWN DEVICE



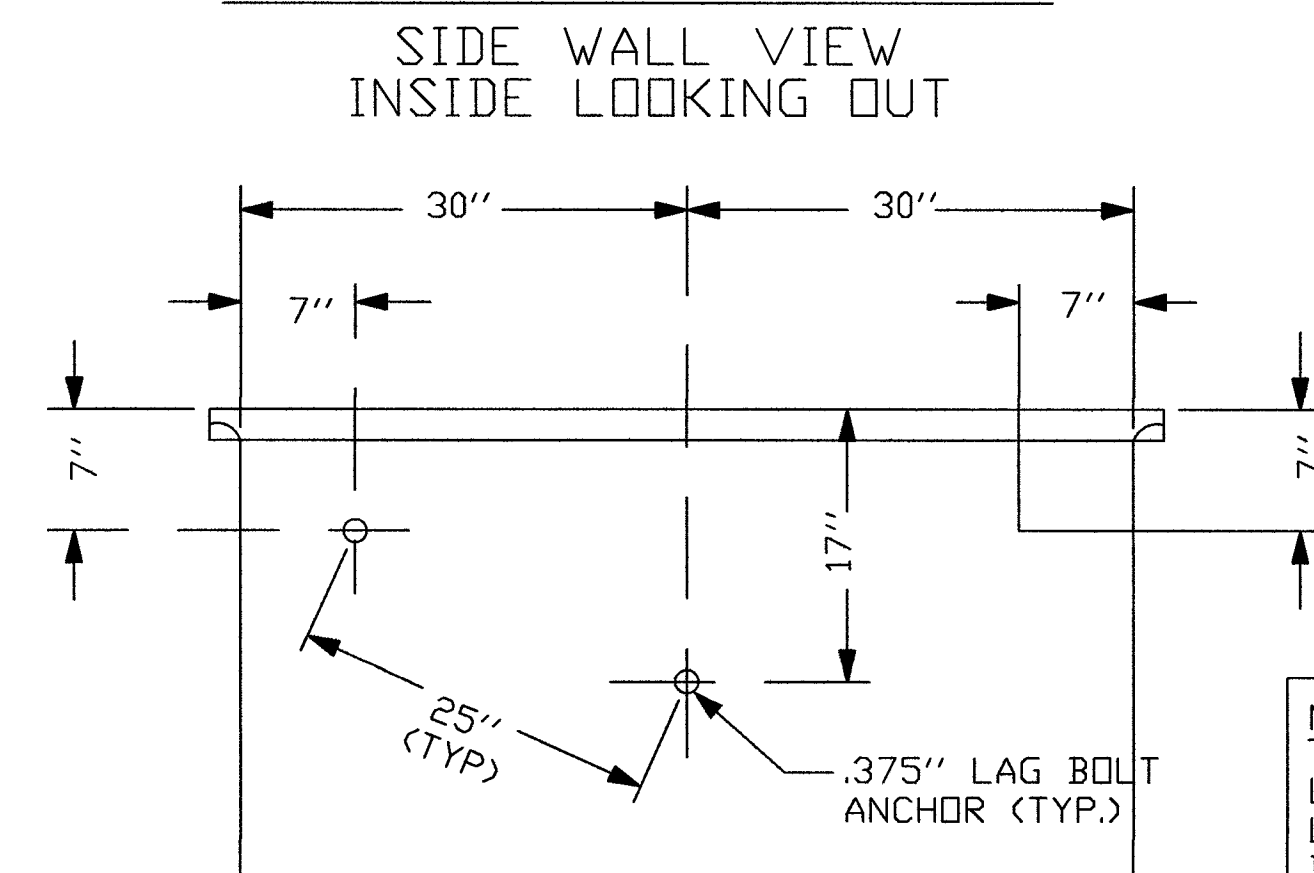
SECTION A-A
LOCKING DEVICE CROSS SECTION



DETAIL "B"

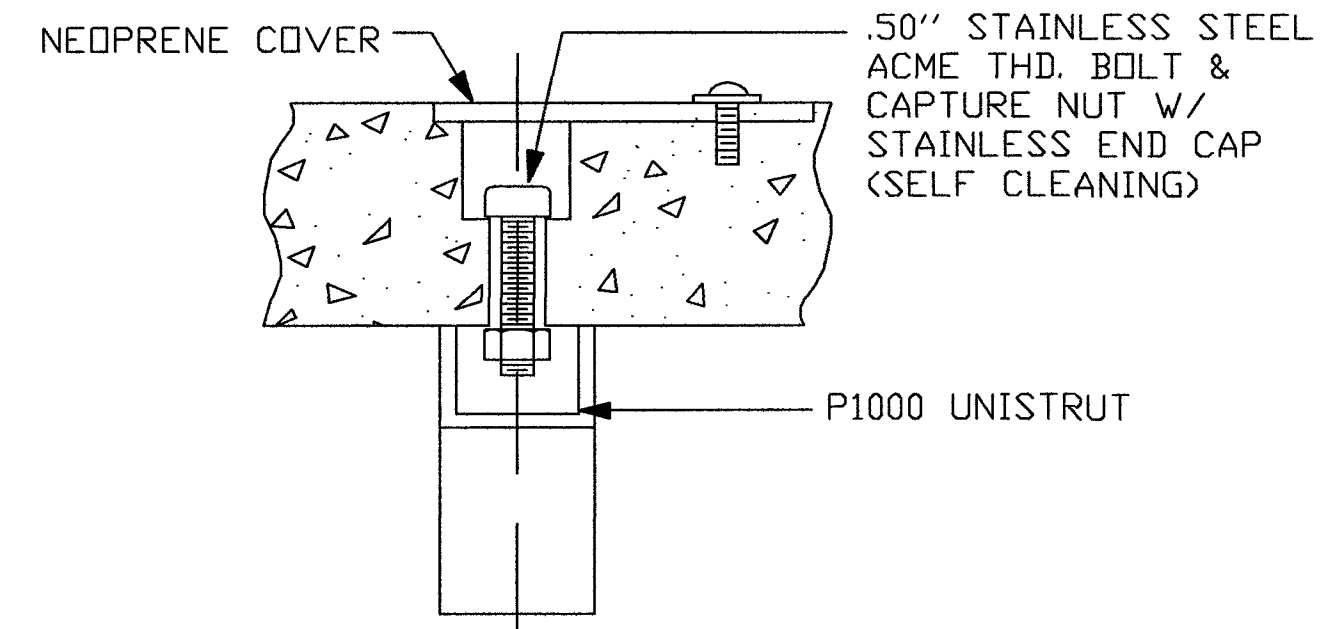


DETAIL "D"

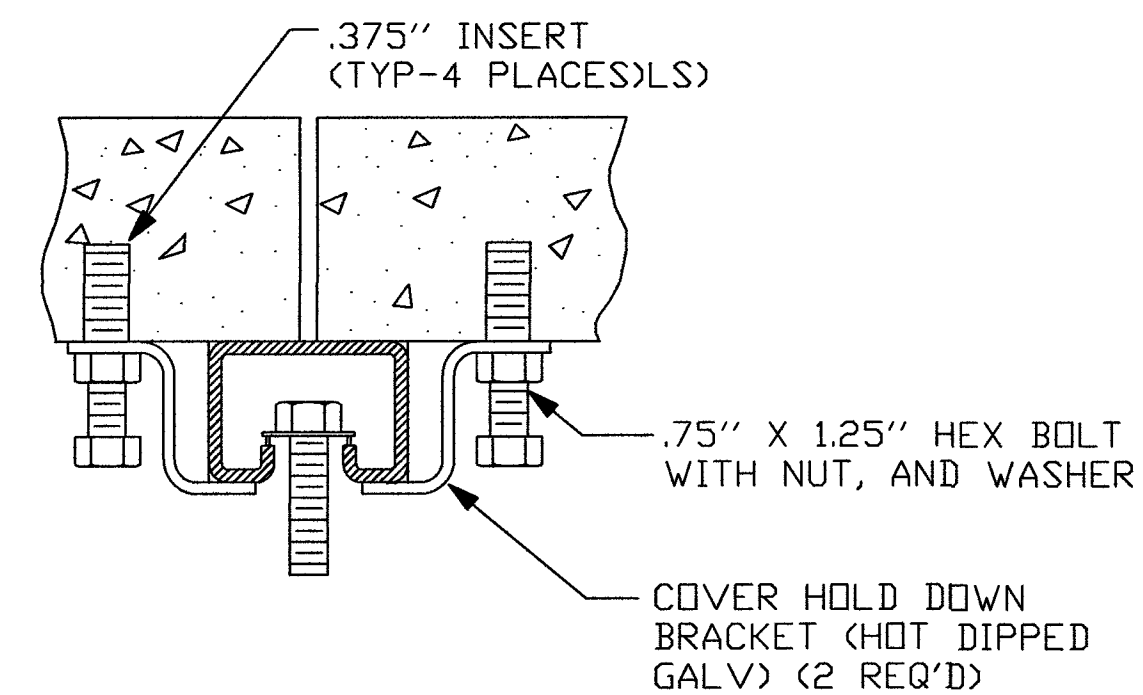


NOTE:
LINEAR DISTANCE BETWEEN LAG BOLT ANCHORS MUST BE 25".

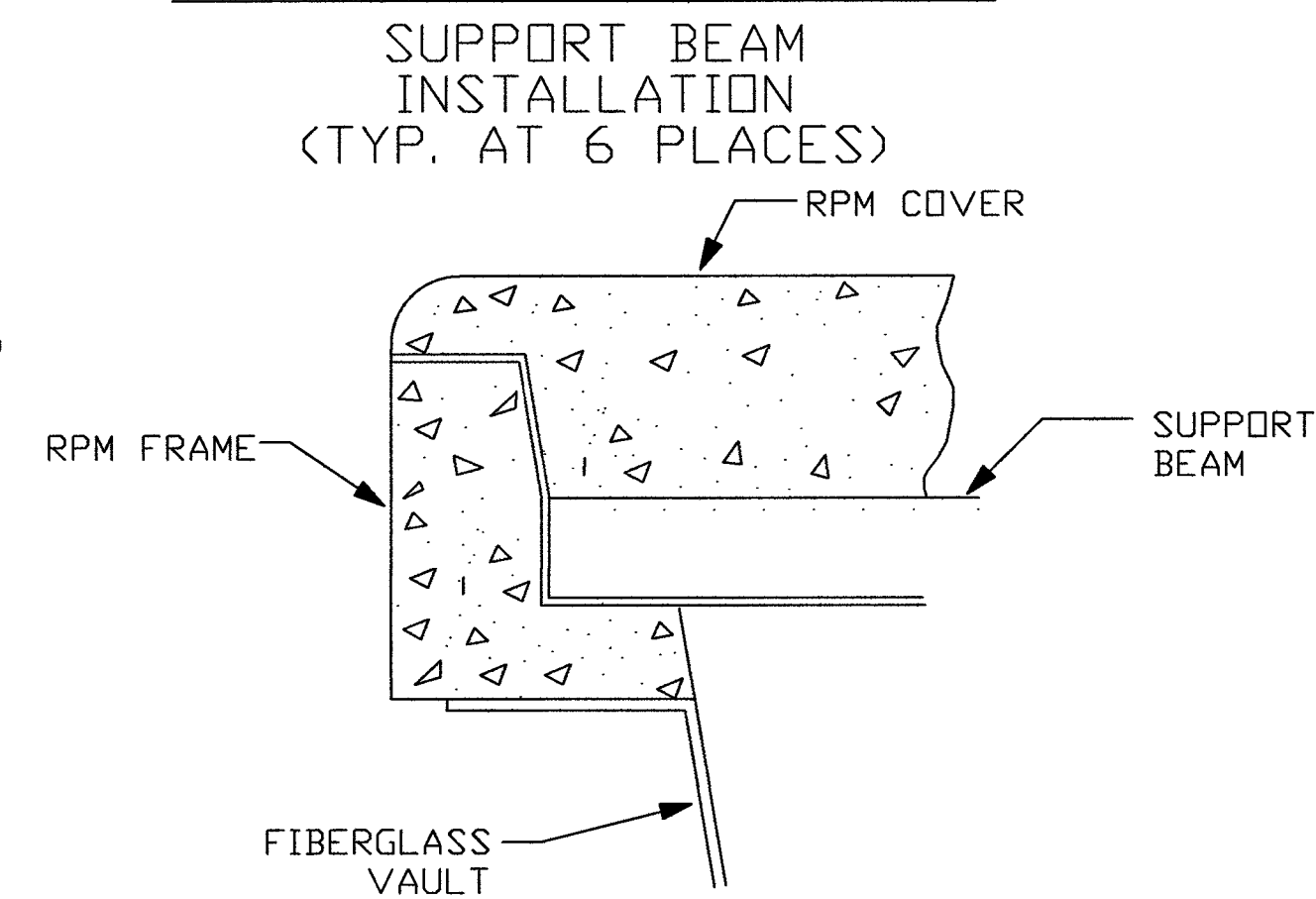
DETAIL "A-2"
ENGAGED LOCK DOWN DEVICE



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



DETAIL "A-4"



- 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.



CELL SITE:LSV ELK HORN

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

MCI COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION
HUB:LSV ALLEN - CELL SITE:LSV ELK HORN

DATE: 4/5/2019

DRAWN BY: ERAMSEY

REVISIONS

DATE	DESCRIPTION	INITIAL

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 6 OF 18

FILE: LSV ELK HORN

FILE #
A6-1974TAPMC13



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

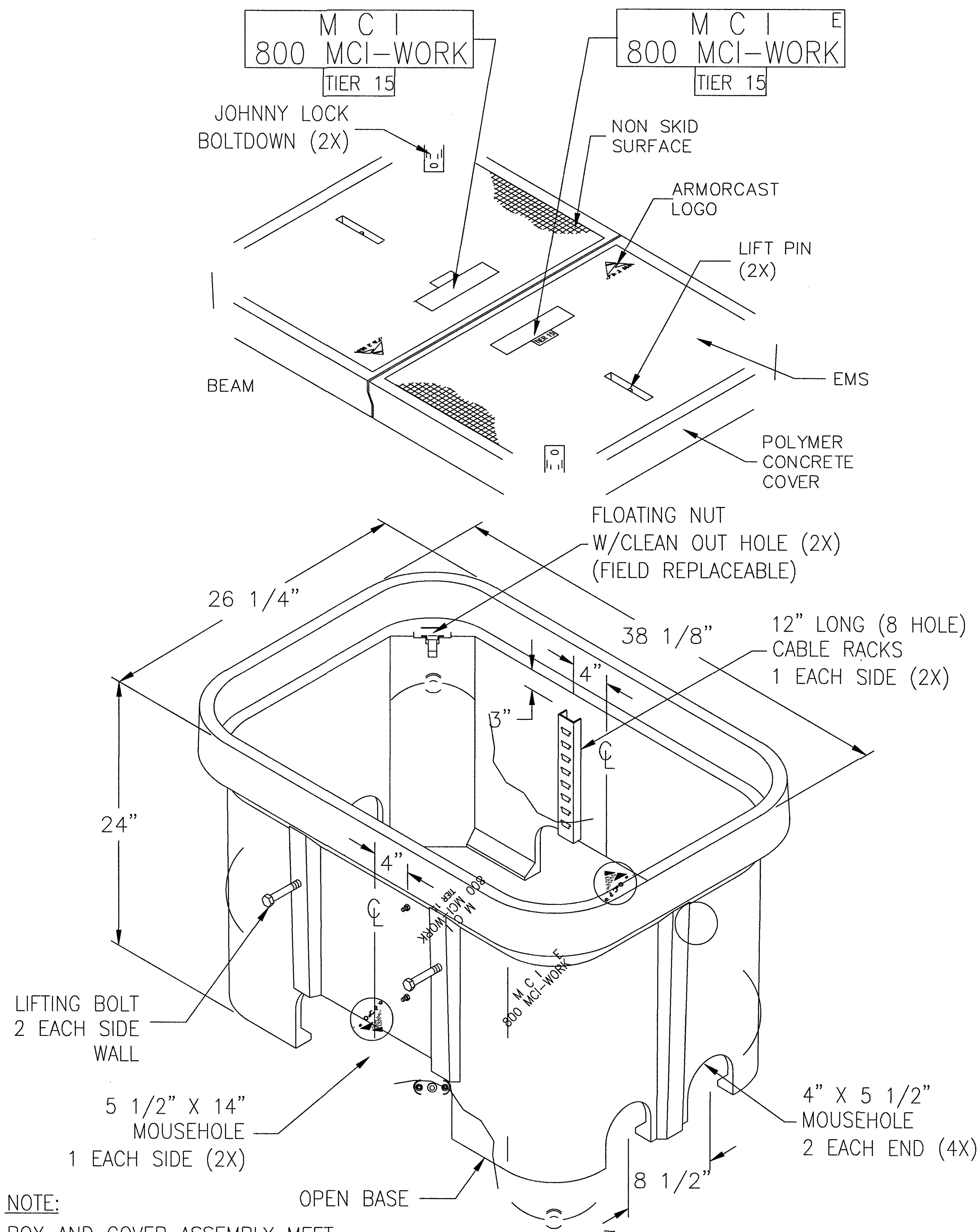
ARMORCAST® PRODUCTS COMPANY

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

CUSTOMER
VERIZON

DRAWN GL	DATE 6/17	SCALE NONE	MAX. LOAD TIER 15
APPROV. WS	6/17	MATERIAL POLYMER CONCRETE	DRAWING NUMBER A6001974TAPMC13

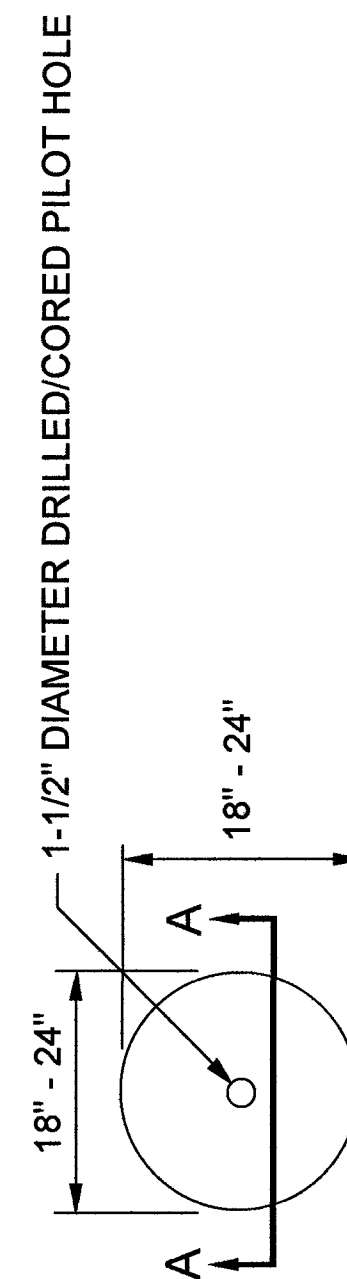


NOTE:
BOX AND COVER ASSEMBLY MEET
ANSI/SCTE 77 TIER 15 LOADING

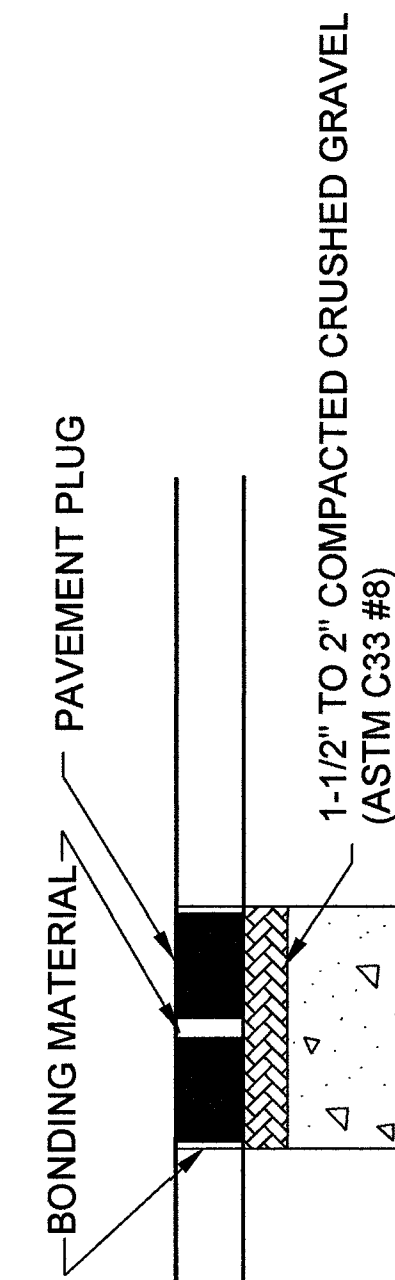
TYPE B - KEYHOLE REPAIR REQUIRED FOR ROW WIDTH GREATER THAN 60' OPTIONAL FOR ROW WIDTH 60' OR LESS

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.

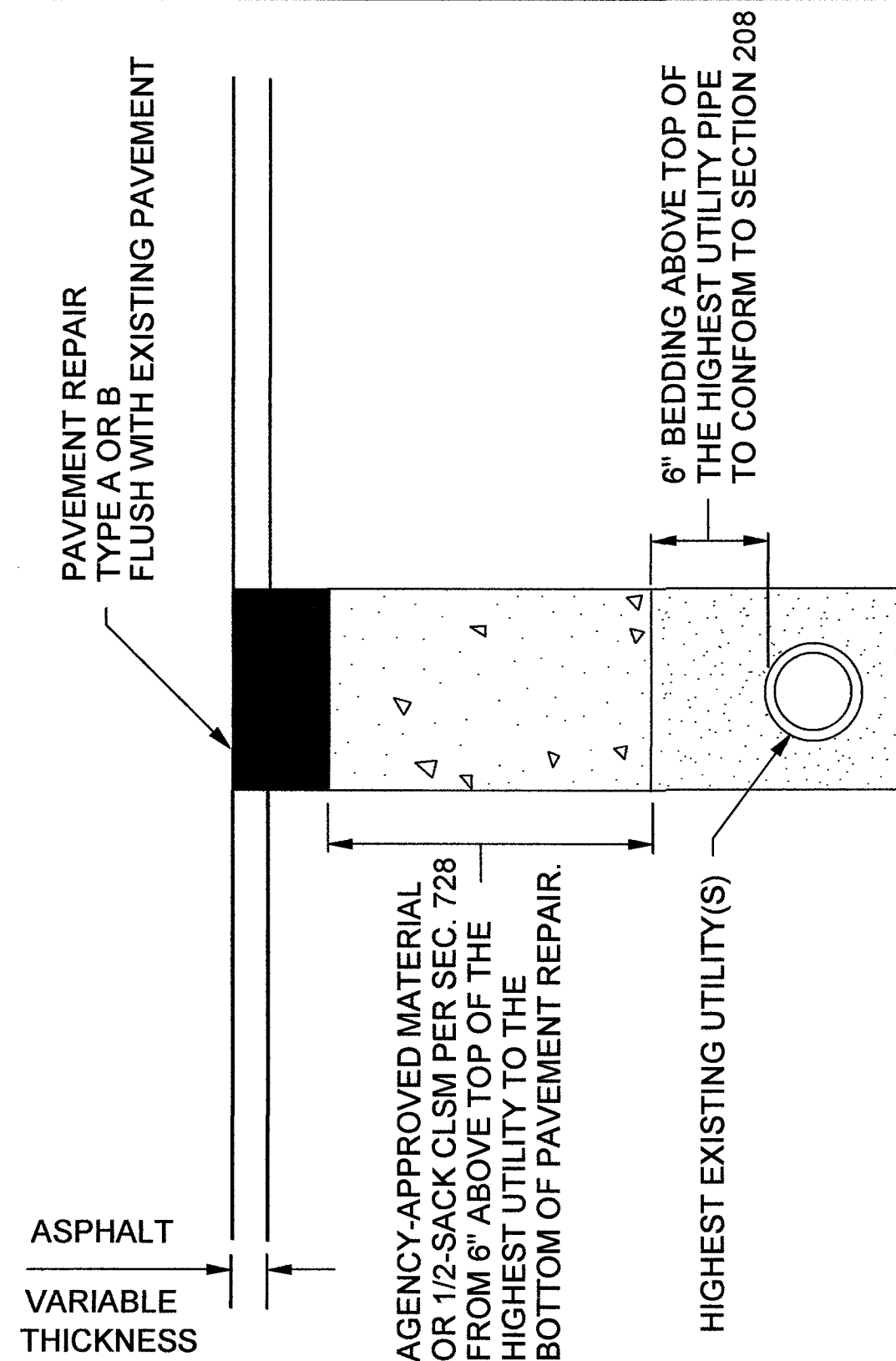


POTHOLE PLAN VIEW
(NOMINAL DIMENSIONS)



POTHOLE PROFILE

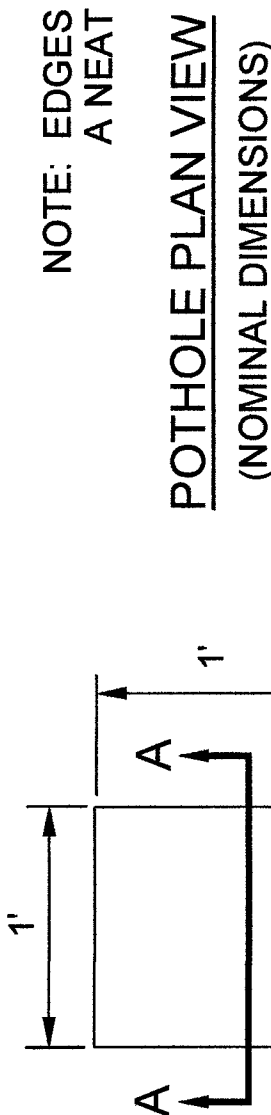
PAVEMENT REPAIR
TYPE A OR B
FLUSH WITH EXISTING PAVEMENT



SECTION A-A

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

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



POTHOLE PLAN VIEW
(NOMINAL DIMENSIONS)

TACK EDGES

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

SPECIFICATION REFERENCE	
215	KEYHOLE POTHOLE EXCAVATION AND BACKFILL

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



CELL SITE: LSV ELK HORN

CITY OF LAS VEGAS, NEVADA

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

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

HUB: LSV ALLEN - CELL SITE: LSV ELK HORN

DATE: 4/5/2019

DRAWN BY: ERAMSEY

REVISIONS

DATE	DESCRIPTION	INITIAL

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SCALE

HORIZONTAL: 1"=30'

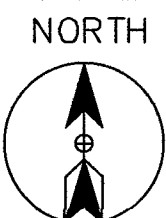
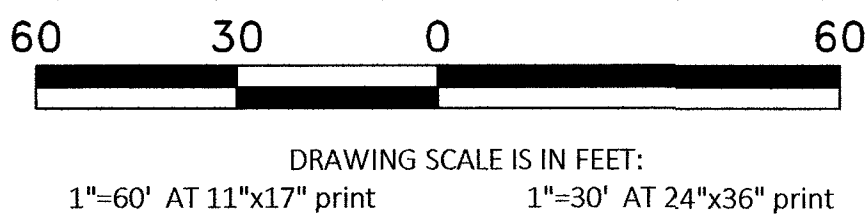
VERTICAL: NA

MP TO MP

SHEET 7 OF 18

FILE: LSV ELK HORN

CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



CELL SITE: LSV ELK HORN

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	1,284'
2.5" HDPE CONDUIT:	20'
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	2
2.5' x 5' x 2.5' HANDHOLE(S):	-
4' x 4' x 4' MANHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	172'
TRENCH:	659'
BORE:	-
TOTAL NEW UG FOOTAGE:	659'
TOTAL FOOTAGE:	831'

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

HUB: LSV ALLEN - CELL SITE: LSV ELK HORN

DATE: 4/5/2019

DRAWN BY: ERAMSEY

REVISIONS

DATE	DESCRIPTION	INITIAL
-	-	-

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SCALE

HORIZONTAL: 1"=30'

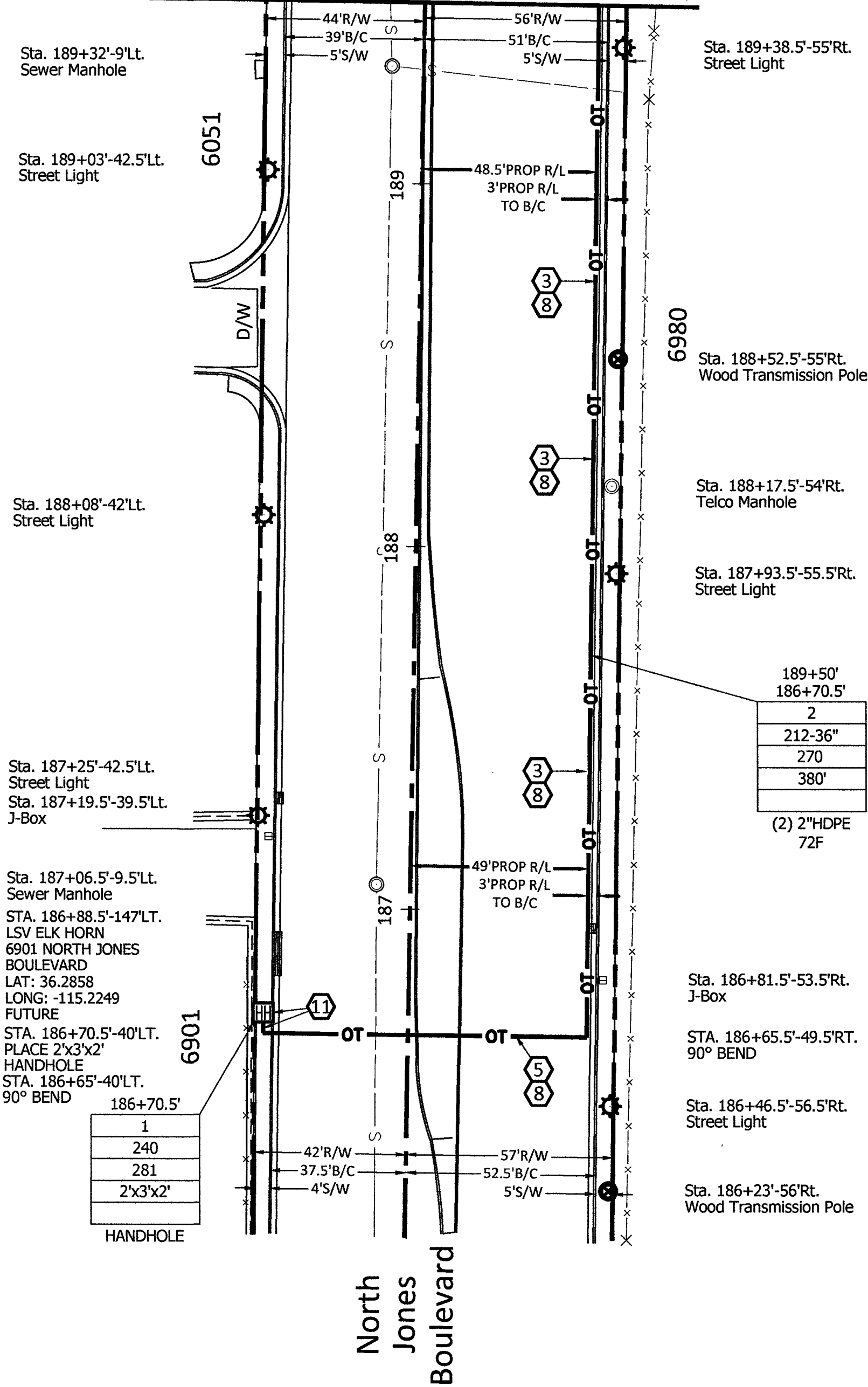
VERTICAL: NA

MP _____ TO MP _____

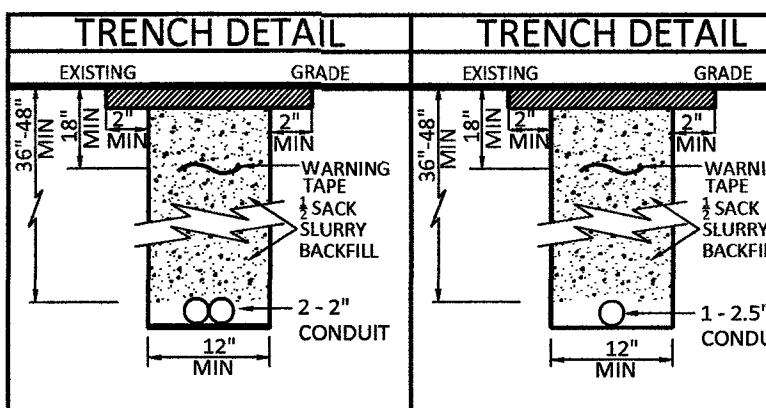
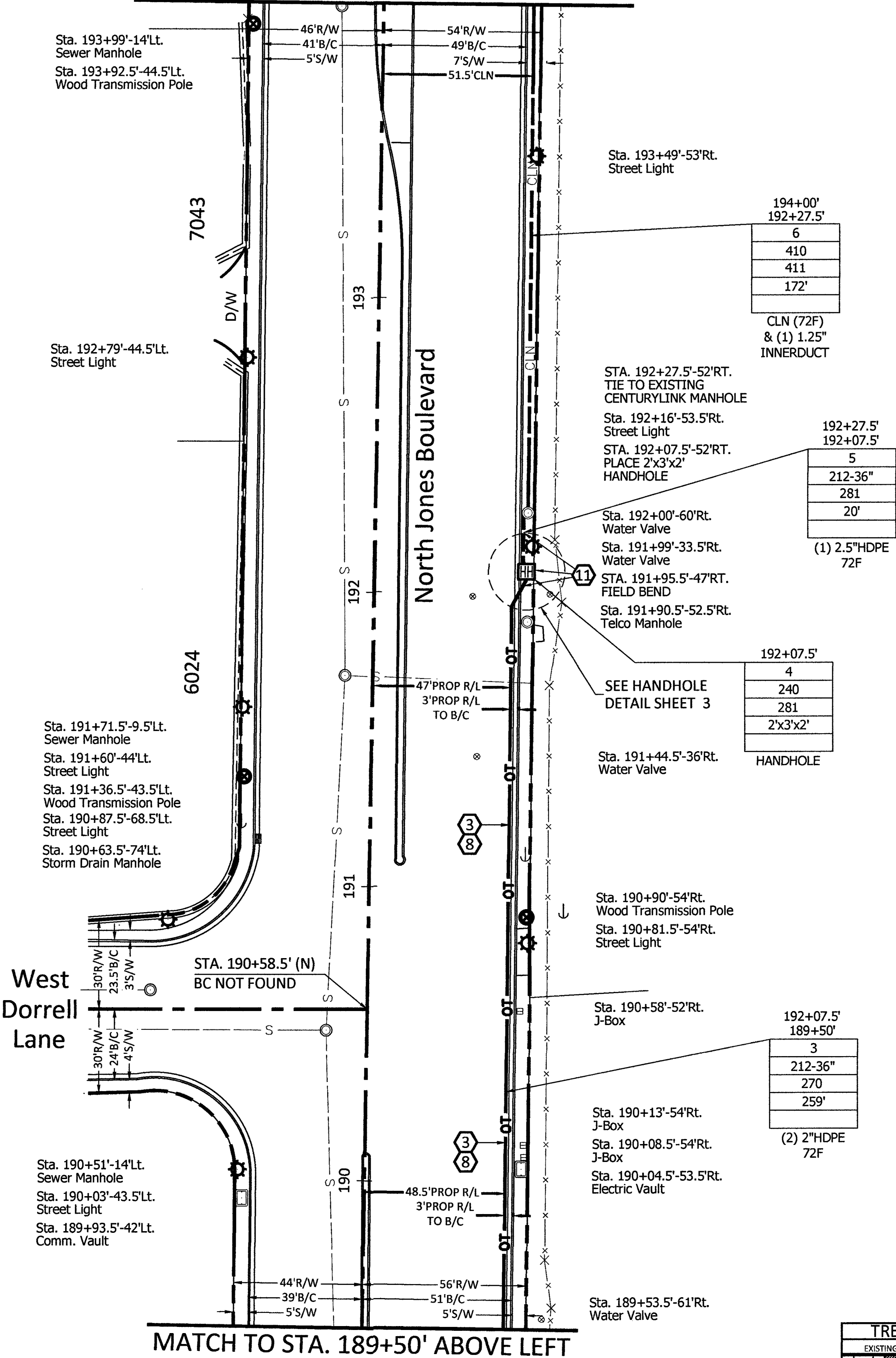
SHEET 8 OF 18

FILE: LSV ELK HORN

MATCH TO STA. 189+50' BELOW RIGHT



MATCH TO STA. 194+00' SHEET 9 OF 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.	

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
283	REMOVE AND RESTORE DIRT/LANDSCAPING
410	PULL CABLE
411	PULL THROUGH DUCT (INNERDUCT)
520	PLACE AERIAL CABLE
630	DIRECTIONAL BORE

CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA

60 30 0 60

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

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



CELL SITE:LSV ELK HORN

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 4' x 4' MANHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	800'
TRENCH:	-
BORE:	-
TOTAL NEW UG FOOTAGE:	-
TOTAL FOOTAGE:	800'

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

HUB:LSV ALLEN - CELL SITE:LSV ELK HORN

DATE: 4/5/2019

DRAWN BY: ERAMSEY

REVISIONS

DATE	DESCRIPTION	INITIAL
-	-	-

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SCALE

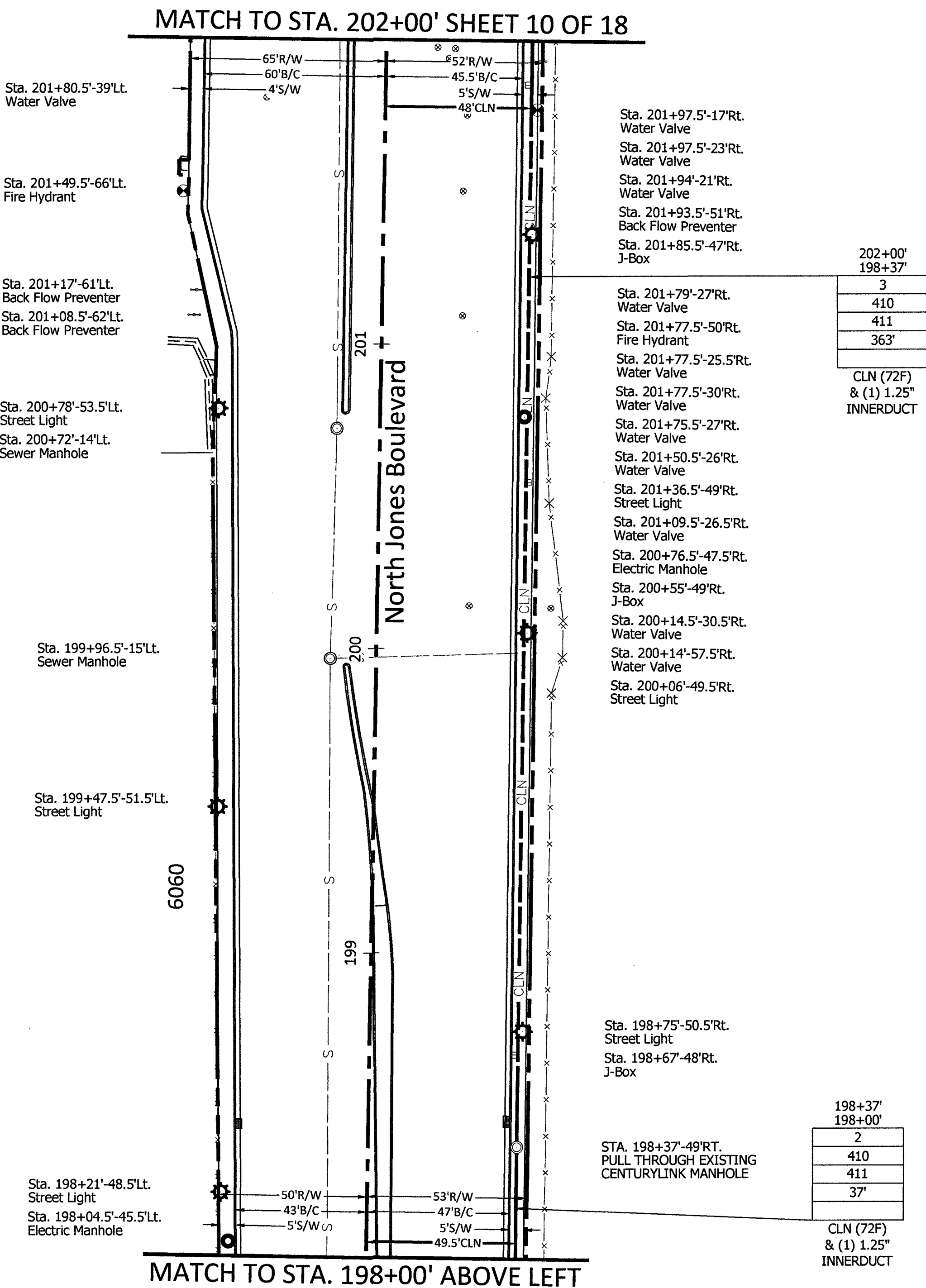
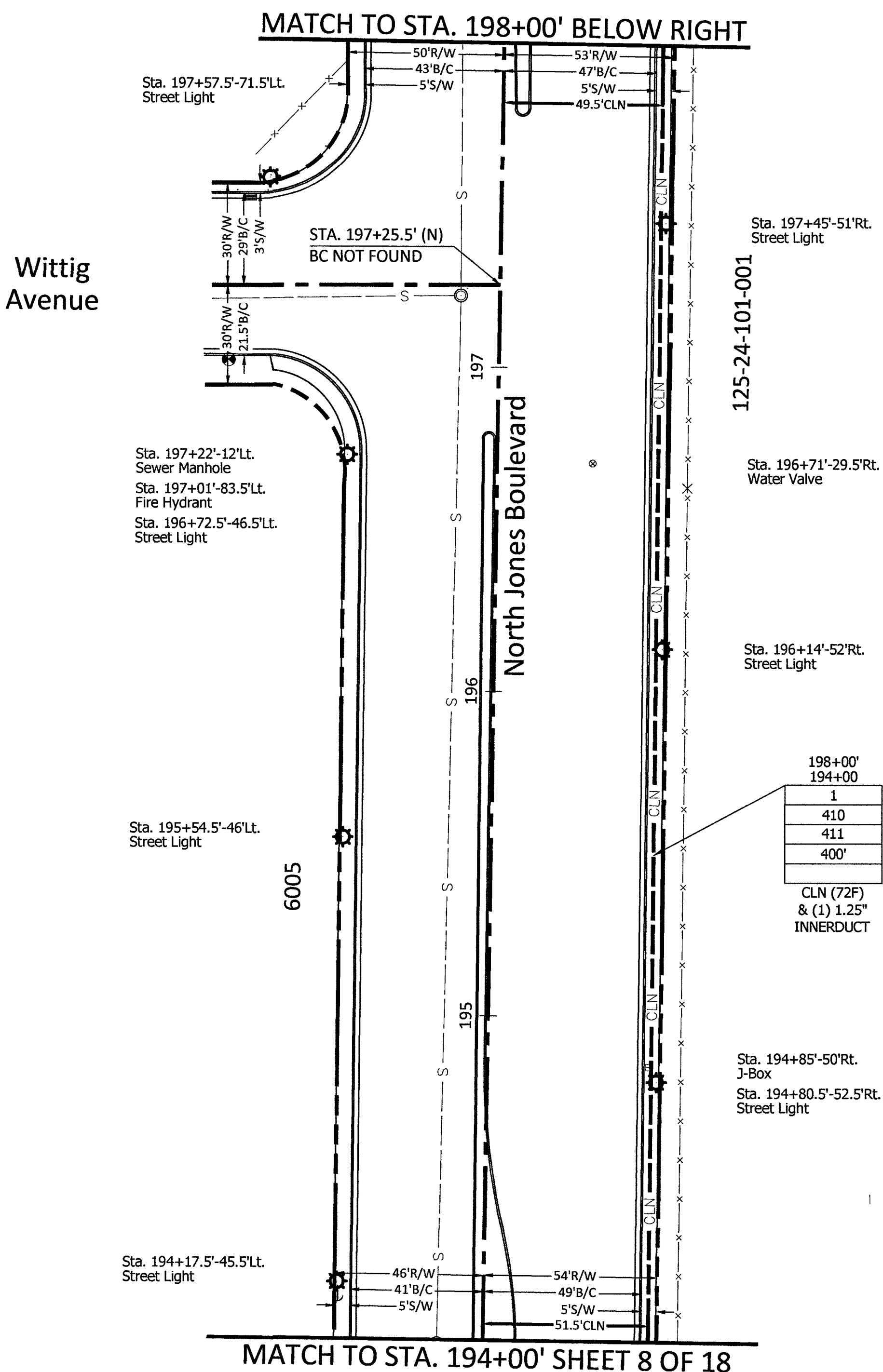
HORIZONTAL: 1"=30'

VERTICAL: NA

MP _____ TO MP _____

SHEET 9 OF 18

FILE: LSV ELK HORN



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.

- 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
- 283 REMOVE AND RESTORE DIRT/LANDSCAPING
- 410 PULL CABLE
- 411 PULL THROUGH DUCT (INNERDUCT)
- 520 PLACE AERIAL CABLE
- 630 DIRECTIONAL BORE

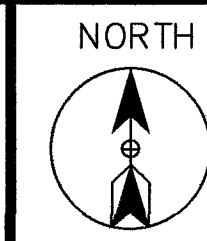
60 30 0 60

DRAWING SCALE IS IN FEET:

1"=60' AT 11"x17" print 1"=30' AT 24"x36" print

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

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



CELL SITE:LSV ELK HORN

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	6'
2.5" HDPE CONDUIT:	-
4" HDPE CONDUIT:	99'
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	-
4' x 4' x 4' MANHOLE(S):	1
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	608'
TRENCH:	99'
BORE:	-
TOTAL NEW UG FOOTAGE:	99'
TOTAL FOOTAGE:	707'

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

HUB:LSV ALLEN - CELL SITE:LSV ELK HORN

DATE: 4/5/2019

DRAWN BY: ERAMSEY

REVISIONS

[illegible]

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SCALE

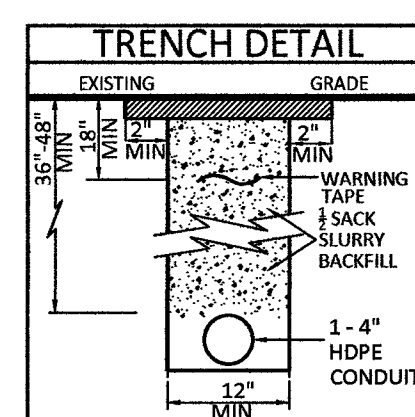
HORIZONTAL: 1"=30'

VERTICAL:	NA
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MP	TO MP
----	-------

SHEET	10	OF	18
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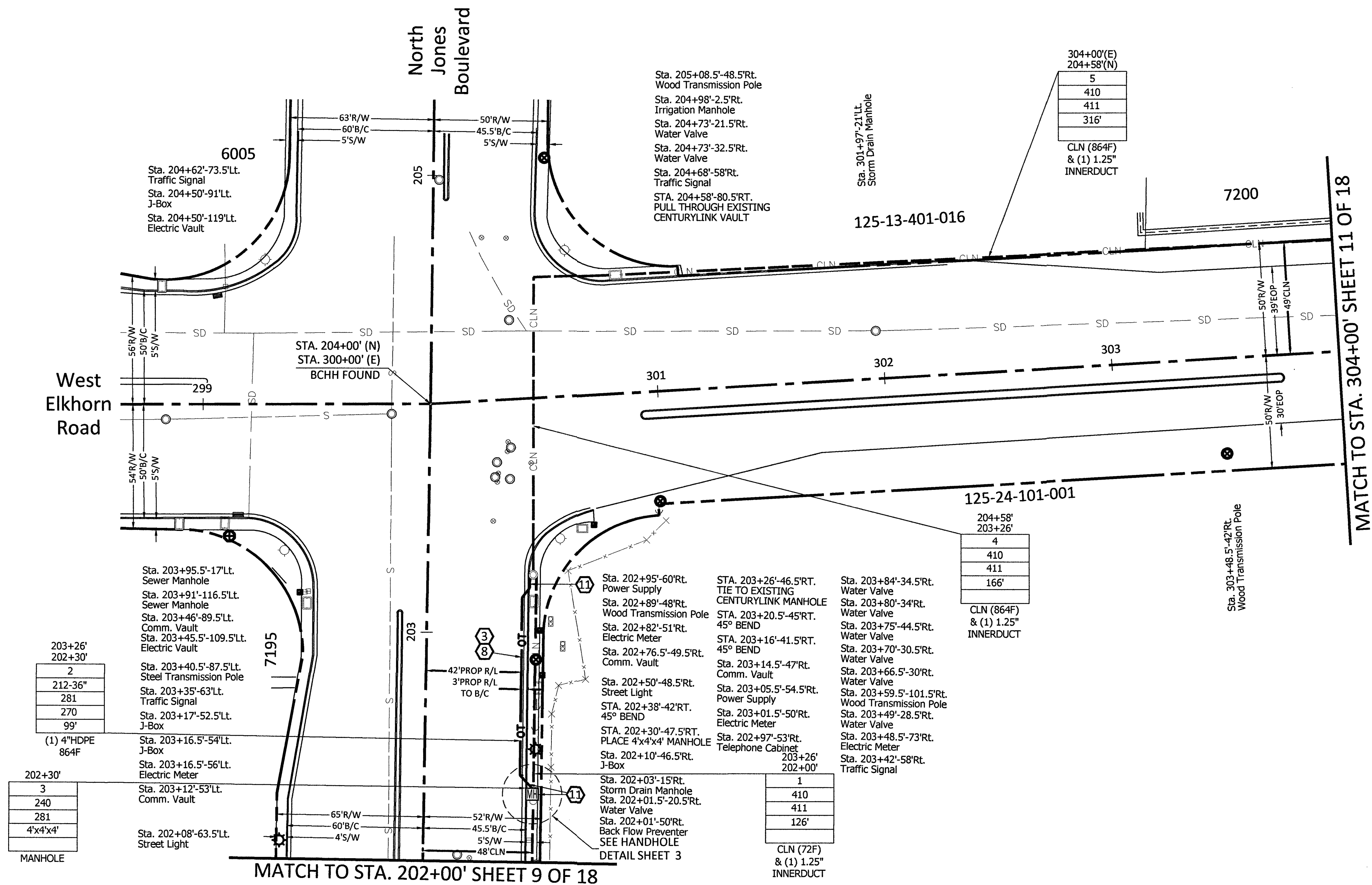
FILE: LSV ELK HORN



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

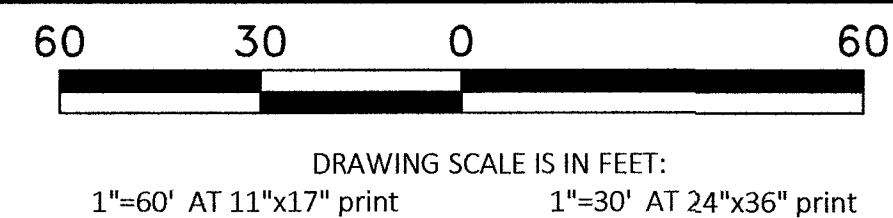
1	500.1	0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
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12	BACKFILL IN UNPAVED AREA AS REQUIRED BY LOCAL CODE OR AS APPROVED BY AGENCY.	

210 PLACE CONDUIT
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240 PLACE MANHOLE
250 PLACE MANHOLE
270 REMOVE AND RESTORE ASPHALT
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282 REMOVE AND RESTORE CURBING
283 REMOVE AND RESTORE DIRT/LANDSCAPING
410 PULL CABLE
411 PULL THROUGH DUCT (INNERDUCT)
520 PLACE AERIAL CABLE
630 DIRECTIONAL BORE



M:\VERIZON ONEFIBER\LAS VEGAS\LSV ALLEN\LSV ELK HORN\CONSTRUCTION DRAWINGS

CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



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



CELL SITE: LSV ELK HORN

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 4' x 4' MANHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	897'
3RD PARTY CONDUIT:	-
TRENCH:	-
BORE:	-
TOTAL NEW UG FOOTAGE:	-
TOTAL FOOTAGE:	897'

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

HUB: LSV ALLEN - CELL SITE: LSV ELK HORN

DATE: 4/5/2019

DRAWN BY: ERAMSEY

REVISIONS

DATE	DESCRIPTION	INITIAL
-	-	-

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REPRODUCED, COPIED, OR USED FOR ANY PURPOSE
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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 11 OF 18

FILE: LSV ELK HORN

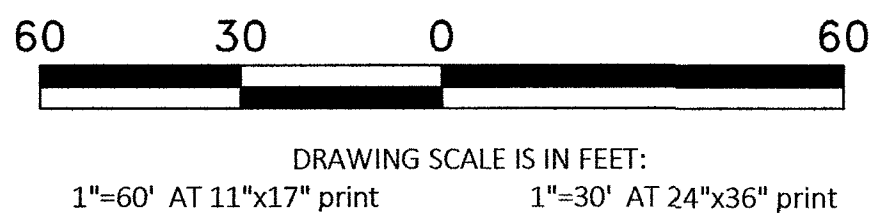
RTC NOTES:

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
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- 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
- 283 REMOVE AND RESTORE DIRT/LANDSCAPING
- 410 PULL CABLE
- 411 PULL THROUGH DUCT (INNERDUCT)
- 520 PLACE AERIAL CABLE
- 630 DIRECTIONAL BORE

CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



CELL SITE: LSV ELK HORN

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	6'
2.5" HDPE CONDUIT:	-
4" HDPE CONDUIT:	20'
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	1
4' x 4' x 4' MANHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	784'
TRENCH:	20'
BORE:	-
TOTAL NEW UG FOOTAGE:	20'
TOTAL FOOTAGE:	804'

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

HUB: LSV ALLEN - CELL SITE: LSV ELK HORN

DATE: 4/5/2019

DRAWN BY: ERAMSEY

REVISIONS

DATE	DESCRIPTION	INITIAL
-	-	-

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SCALE

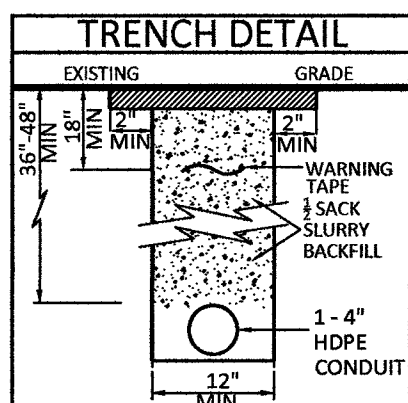
HORIZONTAL: 1"=30'

VERTICAL: NA

MP _____ TO MP _____

SHEET 12 OF 18

FILE: LSV ELK HORN

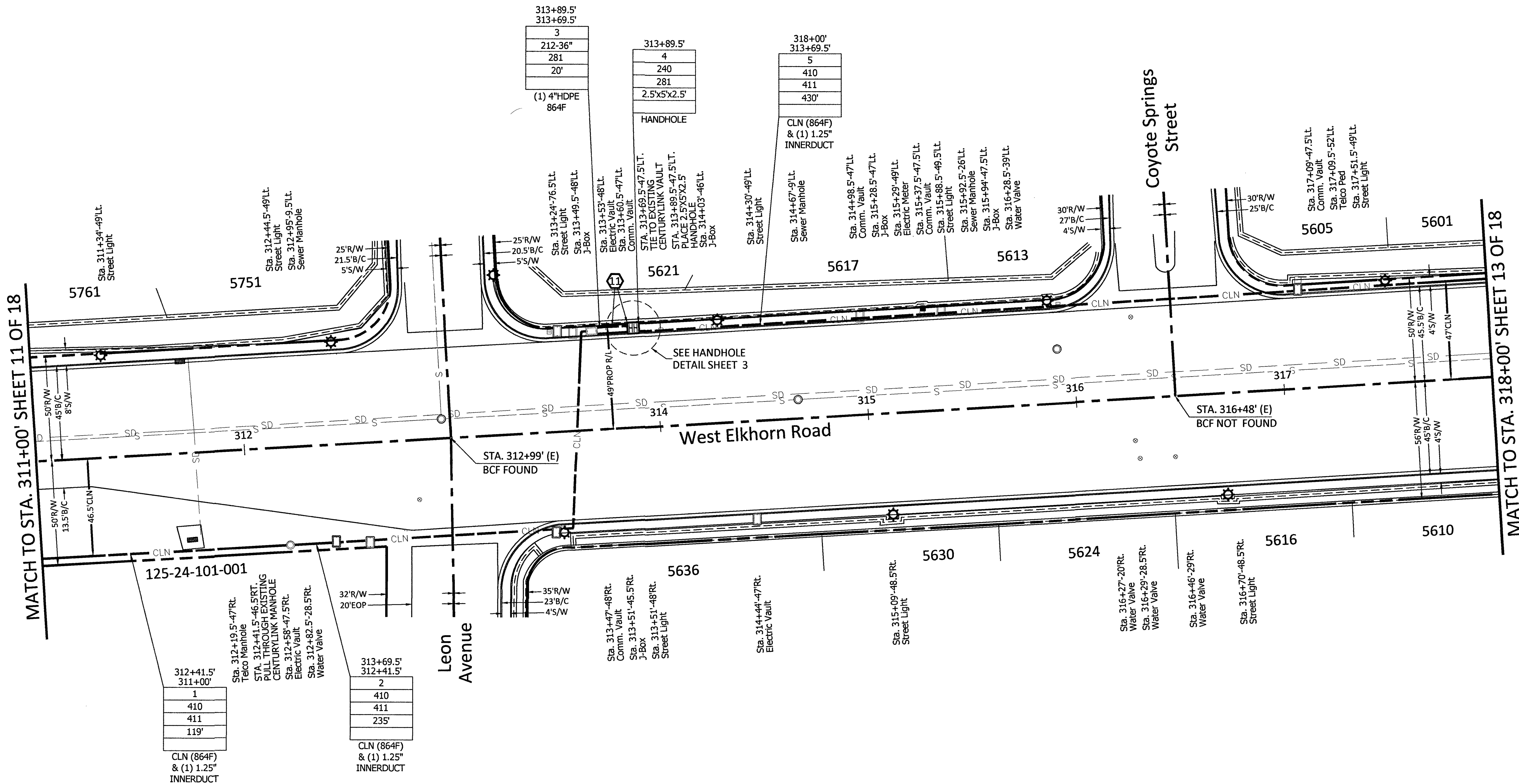


RTC NOTES:

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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(4) 500.4	OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, 60' R.O.W OR LESS
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(10) 503.2	METHOD A FOR RIGID PIPE TRENCH BACKFILL - PAVED AREAS
(11) 234	SIDEWALK
(12)	BACKFILL IN UNPAVED AREA AS REQUIRED BY LOCAL CODE OR AS APPROVED BY AGENCY.

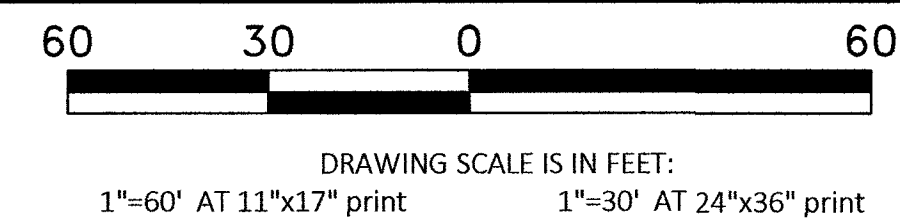
210	PLACE CONDUIT
212	PLACE HIGH DENSITY POLYETHYLENE (HDPE)
240	PLACE HANDHOLE
250	PLACE MANHOLE
270	REMOVE AND RESTORE ASPHALT
280	REMOVE AND RESTORE CONCRETE
281	REMOVE AND RESTORE SIDEWALK
282	REMOVE AND RESTORE CURBING
283	REMOVE AND RESTORE DIRT/LANDSCAPING
410	PULL CABLE
411	PULL THROUGH DUCT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



MATCH TO STA. 311+00' SHEET 11 OF 18

MATCH TO STA. 318+00' SHEET 13 OF 18

CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



CELL SITE: LSV ELK HORN

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 4' x 4' MANHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	599'
TRENCH:	-
BORE:	-
TOTAL NEW UG FOOTAGE:	-
TOTAL FOOTAGE:	599'

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

HUB: LSV ALLEN - CELL SITE: LSV ELK HORN

DATE: 4/5/2019

DRAWN BY: ERAMSEY

REVISIONS

DATE	DESCRIPTION	INITIAL
-	-	-

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SCALE

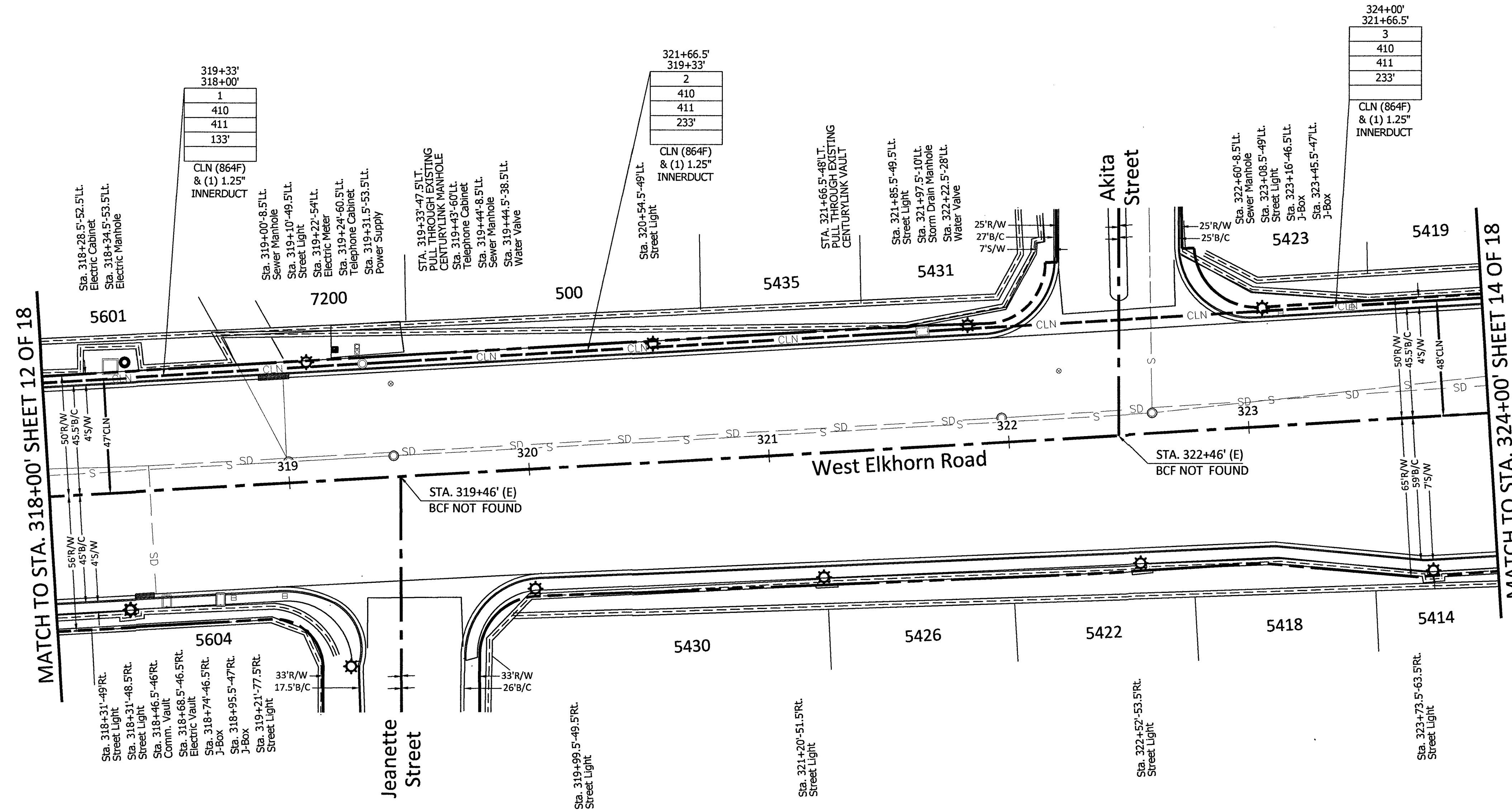
HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 13 OF 18

FILE: LSV ELK HORN



RTC NOTES:	
BACKFILL AND RIGHT OF WAY RESTORATION SHALL CONFORM TO CLARK COUNTY UNIFORM STANDARD DRAWINGS	
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4	500.4 OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, 60' R.O.W OR LESS
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- 411 PULL THROUGH DUCT (INNERDUCT)
- 520 PLACE AERIAL CABLE
- 630 DIRECTIONAL BORE

CONSTRUCTION DRAWING

CITY OF LAS VEGAS, NEVADA

60 30 0 60

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

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



CELL SITE: LSV ELK HORN

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	6'
2.5" HDPE CONDUIT:	-
4" HDPE CONDUIT:	20'
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	1
4' x 4' x 4' MANHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	768'
TRENCH:	20'
BORE:	-
TOTAL NEW UG FOOTAGE:	20'
TOTAL FOOTAGE:	788'

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

HUB: LSV ALLEN - CELL SITE: LSV ELK HORN

DATE: 4/5/2019

DRAWN BY: ERAMSEY

REVISIONS

DATE	DESCRIPTION	INITIAL
-	-	-

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SCALE

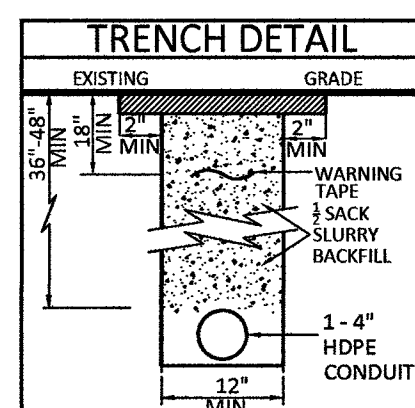
HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 14 OF 18

FILE: LSV ELK HORN

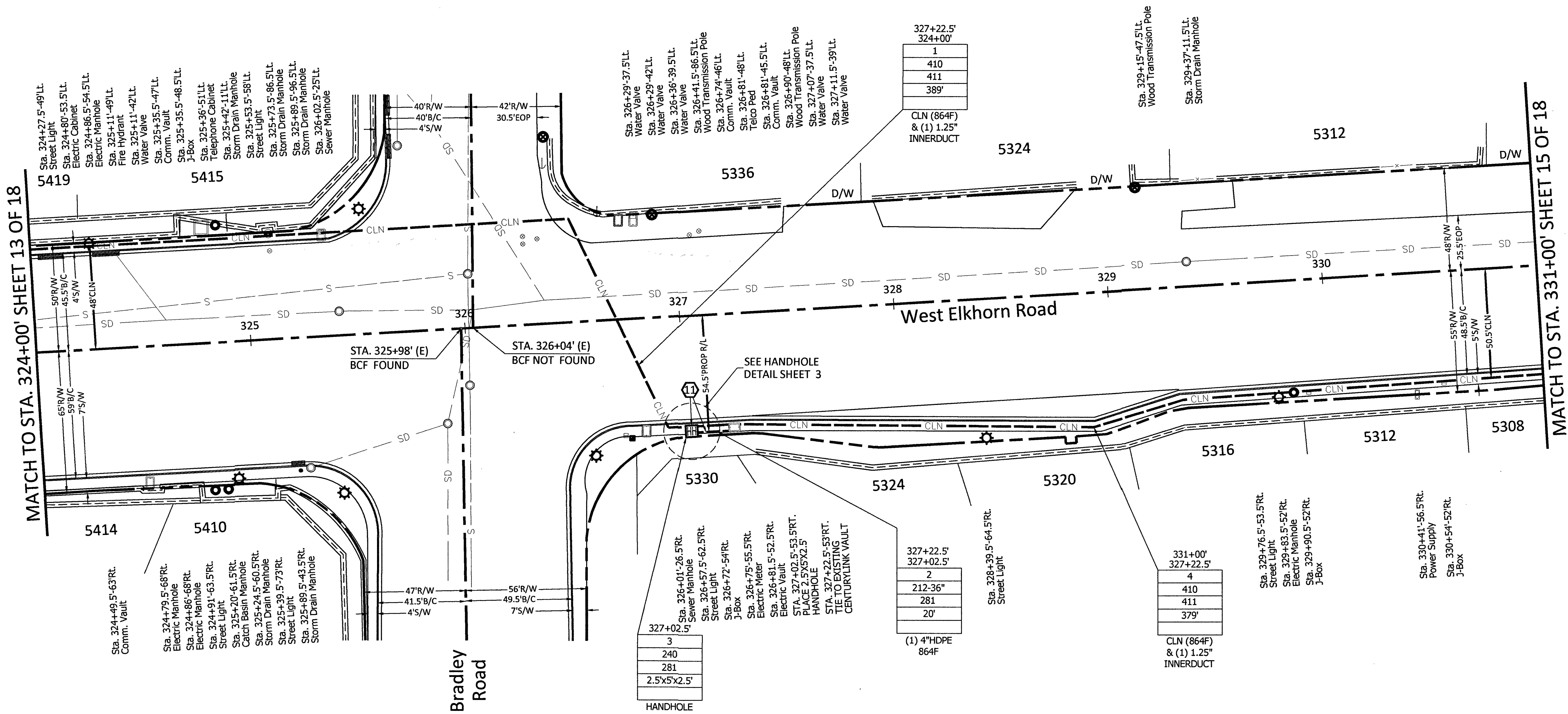


RTC NOTES:

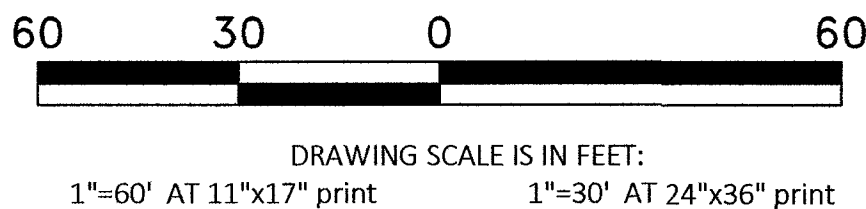
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- 630 DIRECTIONAL BORE



CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



CELL SITE: LSV ELK HORN

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 4' x 4' MANHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	762'
TRENCH:	-
BORE:	-
TOTAL NEW UG FOOTAGE:	-
TOTAL FOOTAGE:	762'

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

HUB: LSV ALLEN - CELL SITE: LSV ELK HORN

DATE: 4/5/2019

DRAWN BY: ERAMSEY

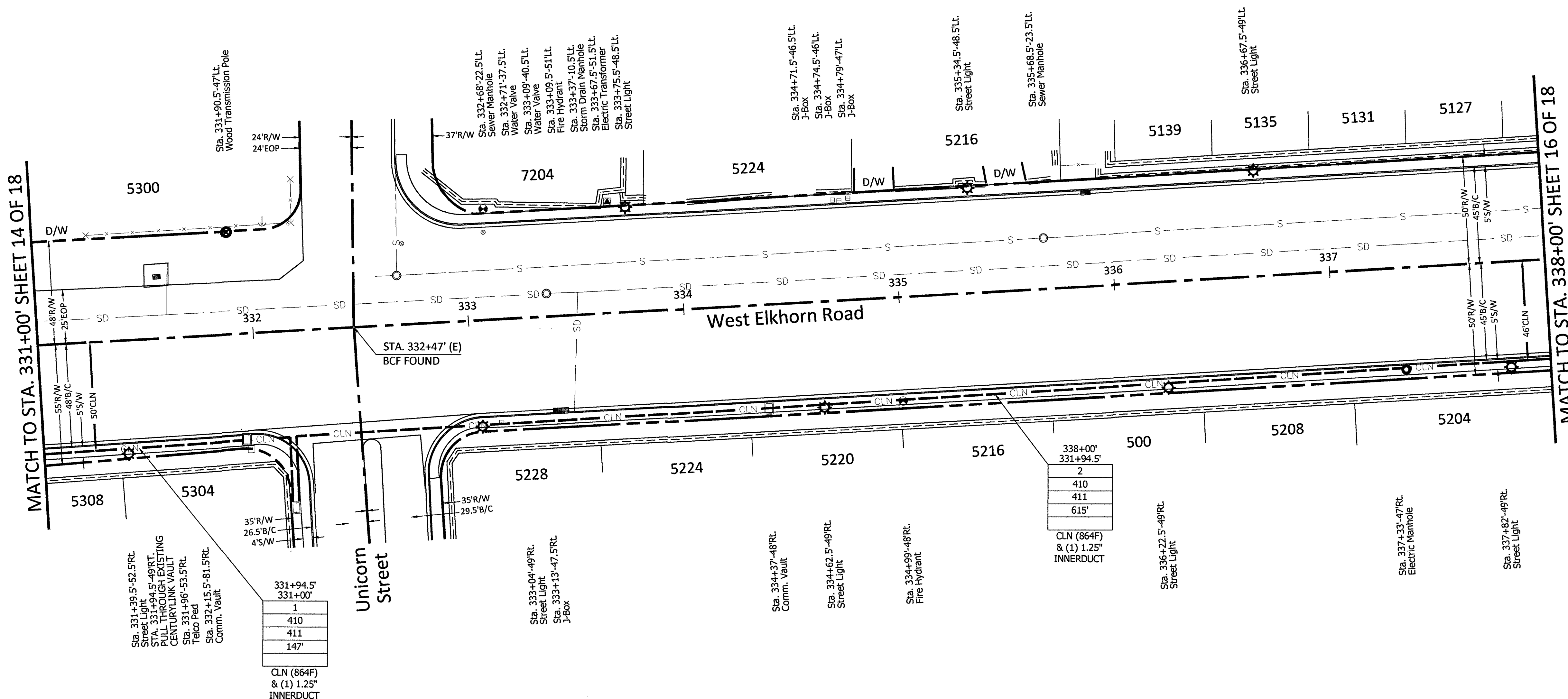
REVISIONS

DATE	DESCRIPTION	INITIAL
-	-	-

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SCALE

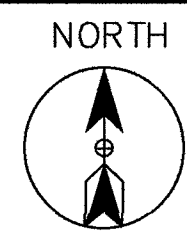
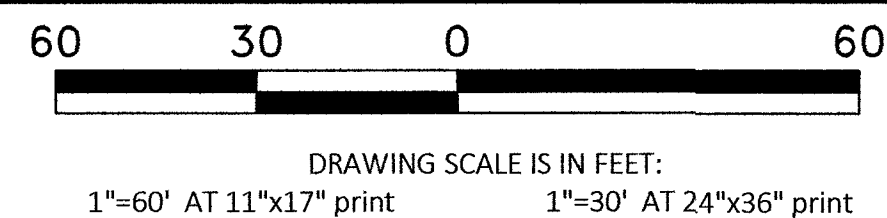
HORIZONTAL:	1"=30'
VERTICAL:	NA
MP	TO MP
SHEET 15	OF 18
FILE:	LSV ELK HORN



RTC NOTES:	
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1	500.1 0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
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- 410 PULL CABLE
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- 520 PLACE AERIAL CABLE
- 630 DIRECTIONAL BORE

CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



CELL SITE: LSV ELK HORN

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	6'
2.5" HDPE CONDUIT:	-
4" HDPE CONDUIT:	15'
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	1
4' x 4' x 4' MANHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	750'
TRENCH:	15'
BORE:	-
TOTAL NEW UG FOOTAGE:	15'
TOTAL FOOTAGE:	765'

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

HUB: LSV ALLEN - CELL SITE: LSV ELK HORN

DATE: 4/5/2019

DRAWN BY: ERAMSEY

REVISIONS

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SCALE

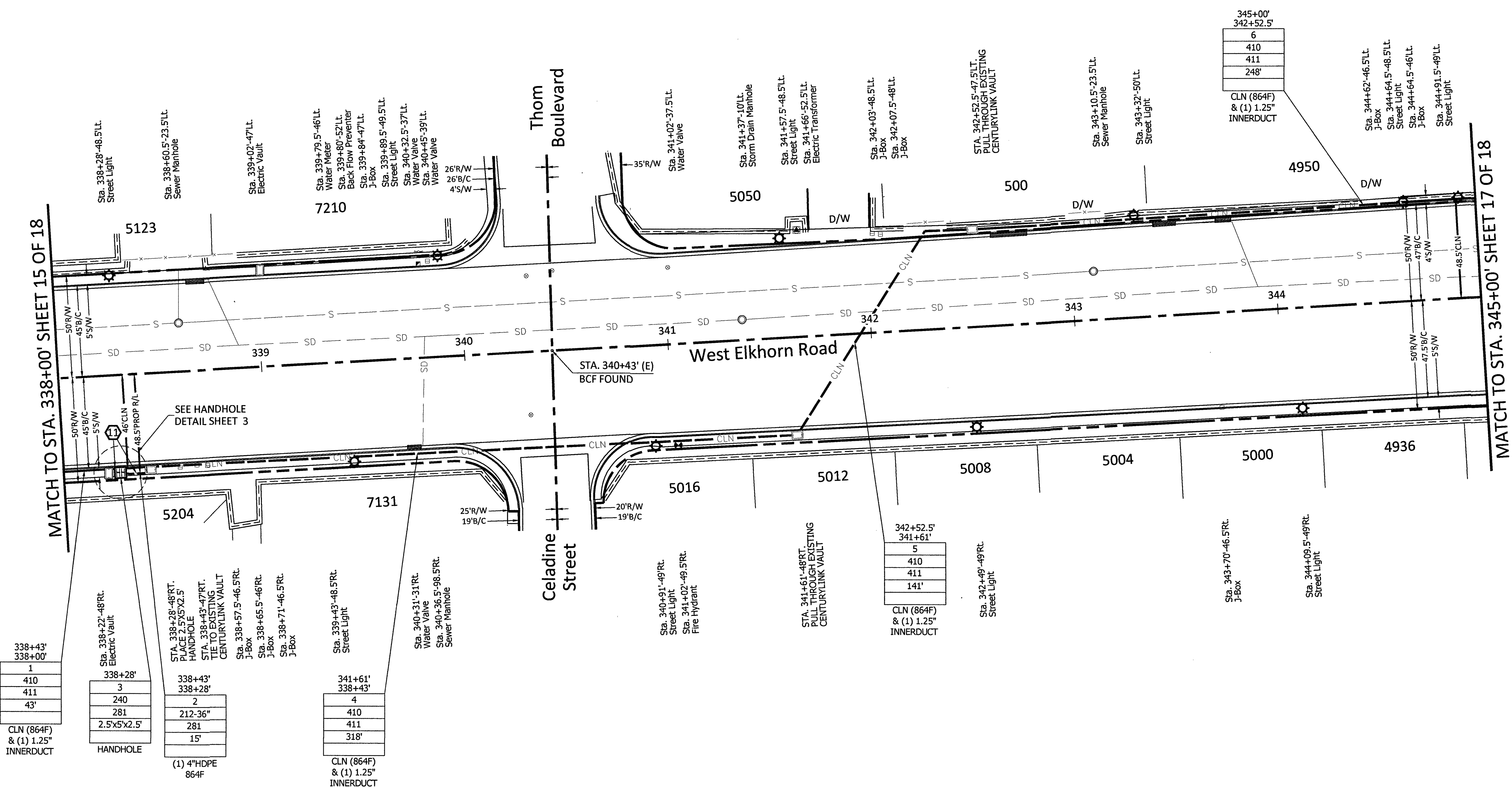
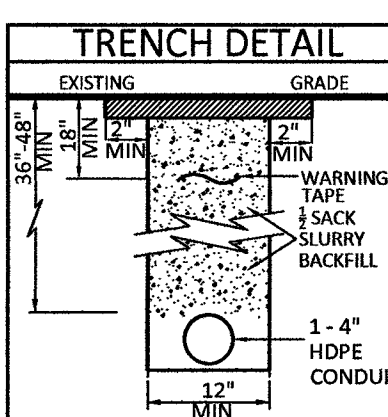
HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 16 OF 18

FILE: LSV ELK HORN



RTC NOTES:

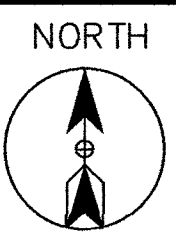
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- 520 PLACE AERIAL CABLE
- 630 DIRECTIONAL BORE

M:\VERIZON ONEFIBER\LAS VEGAS\LSV ALLEN\LSV ELK HORN\CONSTRUCTION DRAWINGS

ROUTE SCHEMATIC

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



CELL SITE: LSV ELK HORN

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

FIBER TOTALS

FIBER SIZE/LENGTH: 72F/2,416'

FIBER SIZE/LENGTH: 864F/7,241'

MCI COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

HUB: LSV ALLEN - CELL SITE: LSV ELK HORN

DATE: 4/5/2019

DRAWN BY: ERAMSEY

REVISIONS

DATE	DESCRIPTION	INITIAL

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 18 OF 18

FILE: LSV ELK HORN

SITE-SPAN NAME: CELL SITE: LSV ELK HORN								
SITE-SPAN ID: 1708APXW.008								
SEGMENT	FIBER COUNT	TRENCH	BORE	DB/OT	3RD PARTY	VZ OWNED	AERIAL	TOTAL
905020	864F	541'	'	'	'	'	'	541'
905022	864F	'	'	'	5,250'	'	'	5,250'
905023	864F	-	'	'	1,089'	'	'	1,089'
905024	72F	659'	'	'	'	'	'	659'
905269	864F	99'	'	'	'	'	'	99'
905270	864F	20'	'	'	'	'	'	20'
905271	864F	20'	'	'	'	'	'	20'
905272	864F	15'	'	'	'	'	'	15'

