

FIB:BUR::56000255

GENERAL NOTES / CLARIFICATION NOTES



CELL SITE: LSV KNICKERBOCKER

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

MCI COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION
HUB: LSV QUAIL VIEW - CELL SITE: LSV KNICKERBOCKER

DATE: 2/5/2019
DRAWN BY: JJAMES
REVISIONS
DATE DESCRIPTION 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 2 OF 14
FILE: LSV KNICKERBOCKER 03/15

CITY OF LAS VEGAS GENERAL NOTES:

1. 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".
2. 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 WHENWORKING NEAR OVERHEAD UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COST AND LIABILITY IN CONNECTION THEREWITH.
3. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING UTILITY LINES, STRUCTURES AND STREET IMPROVEMENTSWHICH 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.
4. ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS. ANY REVISIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.
5. 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.
6. PERMITS ARE REQUIRED FOR ANYWORK IN THE PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS CONSTRUCTION.
7. EXPANSION JOINTS REQUIRED, MAXIMUM EVERY 300' IN EXTRUDED-TYPE CURB.
8. AC PAVEMENT TO BE ONE-HALF INCH (1/2") ABOVE LIP OF ALL GUTTERS AFTER COMPACTION, EXCEPT AT SIDEWALK RAMPS AND CROSS GUTTERS.
9. CURB AND GUTTER FOUND TO BE UNACCEPTABLE TO THE CITY OF LAS VEGAS SHALL BE REMOVED AND REPLACED PER STANDARD DRAWING 216.
10. 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.
11. 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.
12. 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.
13. 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.
14. 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.
15. 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:
16. 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.
17. ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE PLACEMENT OF ASPHALT WITHIN CITY RIGHT OF WAY.
18. 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.

19. 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.
20. 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 GOODWORKING CONDITION PRIOR TO THE CONSTRUCTION OF ANY ROAD BASE.
21. 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.
22. 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.
23. A SEPARATE BORING PERMIT IS REQUIRED FOR ALL BORING ACTIVITIES.
24. REVISED 02/03/15

GENERAL NOTES

1. *WORLDCom COMPRISES THE FOLLOWING OPERATING ENTITIES:
- BROOKS FIBER PROPERTIES, INC.
 - MCI METRO ACCESS TRANSMISSION SERVICES, LLC
 - SOUTHERNET, INC.
 - MCI WORLDCom NETWORK SERVICES, INC.
 - MCI TELECOMMUNICATIONS CORP. (MCI LD)
 - MCI METRO ACCESS TRANSMISSION SERVICES OF VIRGINIA, INC.
 - MFS TELECOM, INC.
 - TELECOM*USA, INC.
 - SOUTHERNET SYSTEMS, INC.
 - MCI WORLDCom NETWORK SERVICES OF VIRGINIA
 - MCI METRO ACCESS TRANSMISSION SERVICES OF VIRGINIA, INC.
- *THE WORLDCom FACILITIES WITHIN THIS CONSTRUCTION PACKAGE ARE HELD BY THE OPERATING ENTITY(IES) INDICATED IN BOLD TYPE.
2. ALL WORK TO BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE CODES OR REQUIREMENTS OF ANY REGULATING GOVERNMENTAL AGENCY, WORLDCom TELECOMMUNICATIONS CORPORATIONS, AND THE RIGHT-OF-WAY GRANTOR.
3. LOCATIONS OF SOME OF THE PHYSICAL FEATURES WERE OBTAINED FROM DATED RAILROAD EVALUATION MAPS OR OTHER DRAWINGS AND MAY NOT BE AS SHOWN OR DEPICTED ON THESE DRAWINGS.
4. UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND FIELD OBSERVATIONS BUT ARE NOT NECESSARILY EXACT. THEREFORE, UTILITY LOCATIONS WILL BE VERIFIED AT LEAST 100 FEET IN ADVANCE OF TRENCHING OR PLOWING, SO THAT CHANGES IN CABLE PLACEMENT CAN BE MADE IN THE EVENT OF CONFLICT.
5. ALL KNOWN BURIED OBSTRUCTIONS ARE SHOWN ON THE CONSTRUCTION DRAWINGS. ANY AND ALL OTHERS ENCOUNTERED ARE ALSO THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE, PROTECT AND REPAIR IF DAMAGED.
6. ANY AND ALL IMPROVEMENTS, SUCH AS ASPHALT OR CONCRETE PAVEMENT, CURBS, GUTTERS, WALKS, DRAINAGE DITCHES, EMBANKMENTS, SHRUBS, TREES, GRASS SOD, ETC., IF DAMAGED, SHALL BE RESTORED TO ORIGINAL CONDITION.
7. EQUIPMENT TYPES SPECIFIED HEREIN (IE: "BACKHOE", SWAMP PLOW" ETC.) ARE SUGGESTIONS ONLY AND ARE NOT INTENDED AS REQUIREMENTS. CONTRACTOR WILL BE NOTIFIED AS TO EXPECTATIONS.
8. SHORING OF BORE PITS AND TRENCHES IN ACCORDANCE WITH OSHA REGULATIONS IS MANDATORY.
9. BURIED CABLE MARKERS WILL BE PLACED AT ALL UNDERGROUND UTILITY LOCATIONS AND ALL OTHER LOCATIONS IN ACCORDANCE WITH THE CONSTRUCTION DRAWINGS AND THE OUTSIDE PLANT HANDBOOK.
10. ALL 4" ID CONDUIT WILL BE SCHEDULE 40 (EG: PVC OR GSP/BSP), OR AS SPECIFIED.
11. UNDERGROUND CONDUIT WILL BE PLACED AT 36" MINIMUM COVER UNLESS OTHERWISE SPECIFIED ON THE CONSTRUCTION DRAWINGS.

ADDENDUM NOTES

CLARIFICATION NOTES

1. STATION
2. REFERENCE ORDER NUMBER
3. CLARIFICATION NO. AND/OR MINIMUM COVER
4. CLARIFICATION NO.
5. CLARIFICATION NO. AND/OR FOOTAGE
6. CLARIFICATION NO. AND/OR FOOTAGE
7. 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
EXCAVATE SPICE 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

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
TSD MANAGER: N/A

ENGINEERING CONTRACTOR

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

CONSTRUCTION CONTRACTOR

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

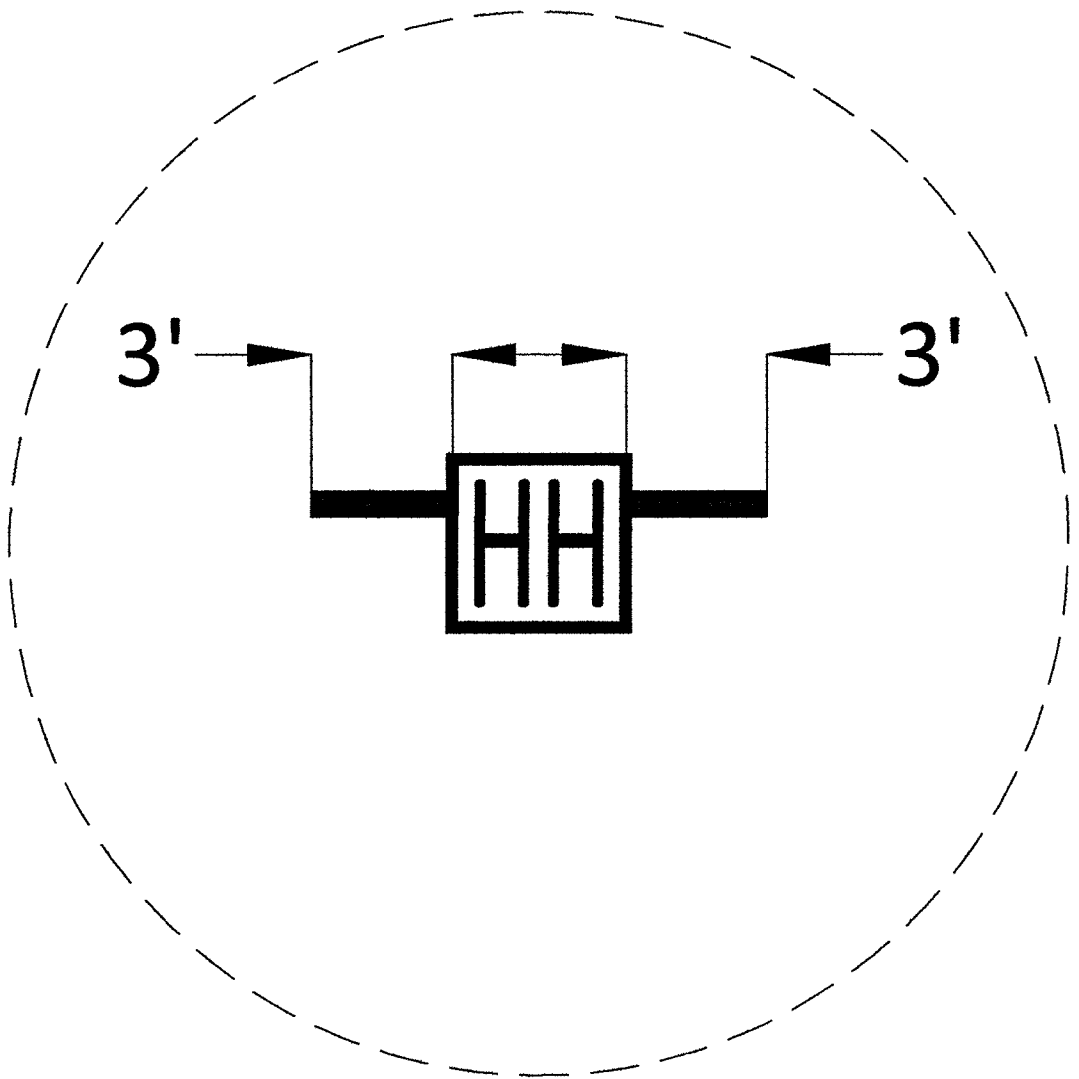
CITY GOVERNMENT

BUREAU OF ENGINEERING:

CITY ENGINEER:

UTILITIES

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



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

PROJECT TOTALS SUMMARY

MATERIALS	
2" HDPE CONDUIT(S):	36'
2.5" HDPE CONDUIT(S):	130'
4" HDPE CONDUIT(S):	-
2' x 3' x 2' HANDHOLE(S):	1
2.5' x 5' x 2.5' HANDHOLE(S):	5
4' x 4' x 4' MANHOLE(S):	-

WORK TYPE

AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	5,253'
TRENCH:	130'
ASPHALT CUT:	-
BORE:	-
TOTAL NEW UG FOOTAGE:	130'
TOTAL FOOTAGE:	5,383'



CELL SITE: LSV KNICKERBOCKER

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION
HUB: LSV QUAL VIEW - CELL SITE: LSV
KNICKERBOCKER

DATE: 2/5/2019

DRAWN BY: JJAMES

REVISIONS

DATE	DESCRIPTION	INITIAL

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 3 OF 14

FILE: LSV KNICKERBOCKER

04/15

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



CELL SITE: LSV KNICKERBOCKER

CITY OF LAS VEGAS, NEVADA

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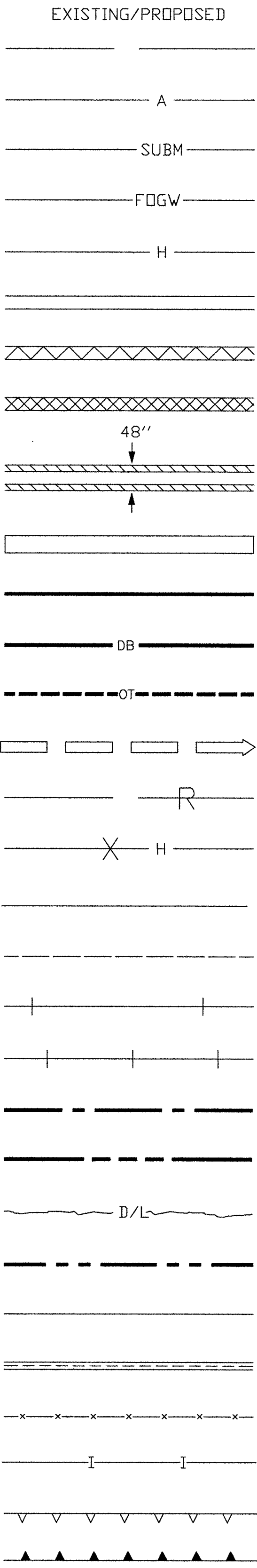
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SCALE	
HORIZONTAL:	1"=30'
VERTICAL:	NA
MP	TO MP
SHEET 4	OF 14
FILE:	LSV KNICKERBOCKER 05/15

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

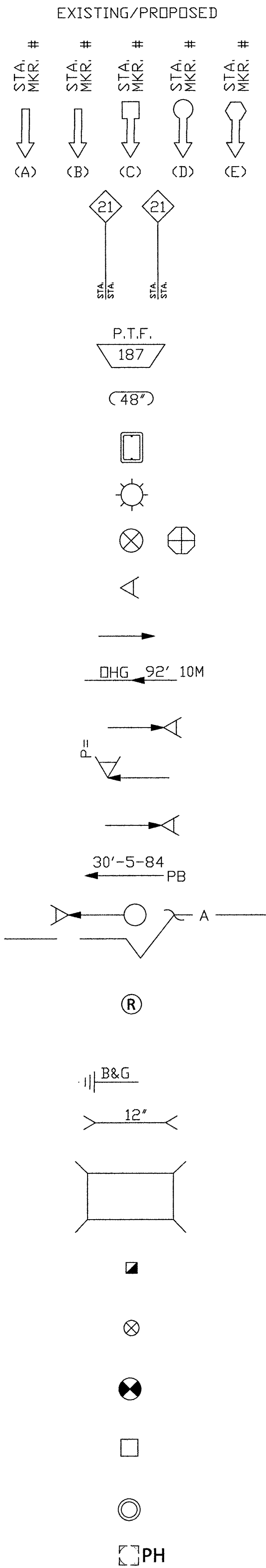
VALVE

FIRE HYDRANT

RAILROAD SIGNAL CONTROL BOX

MANHOLE

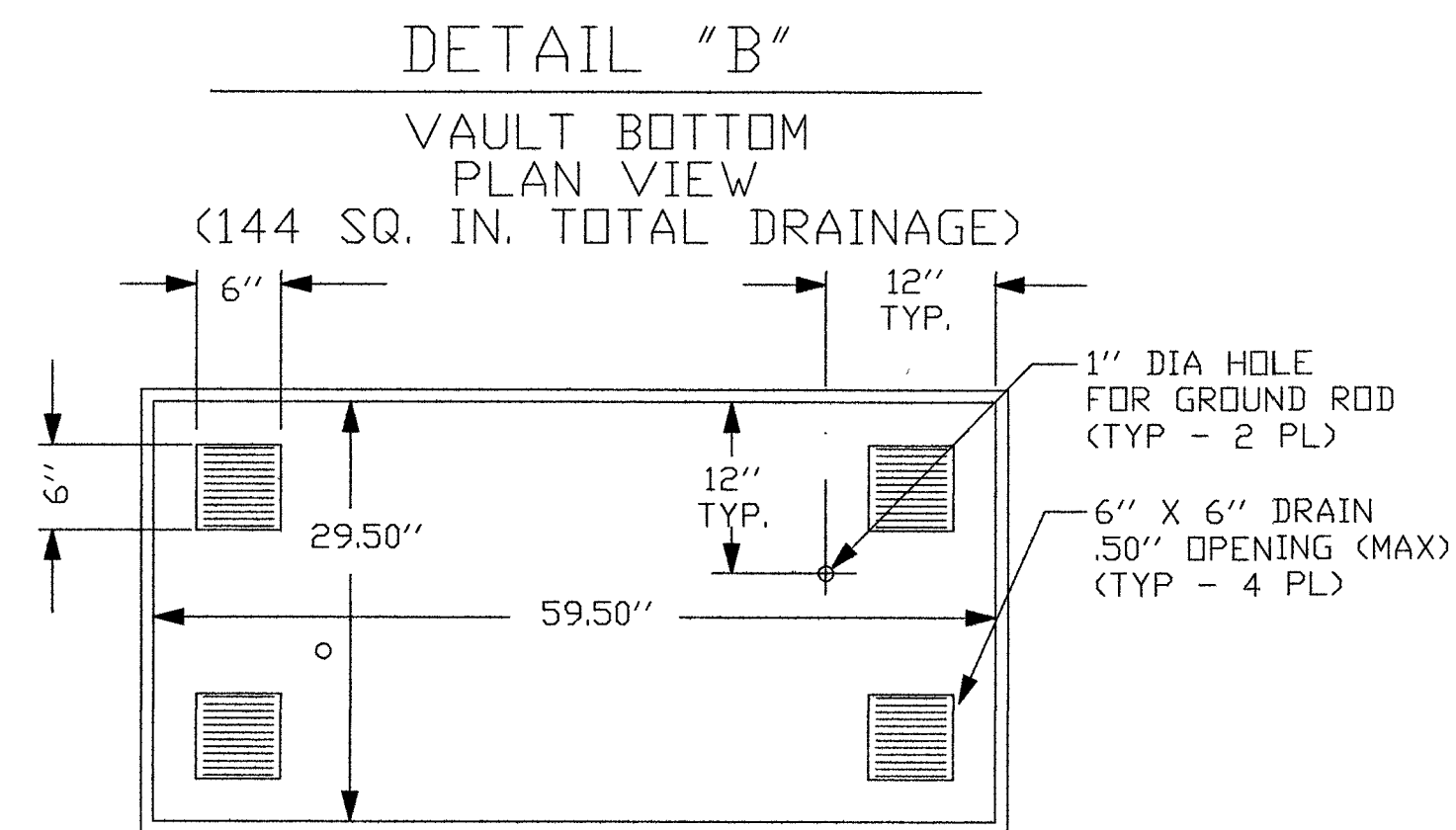
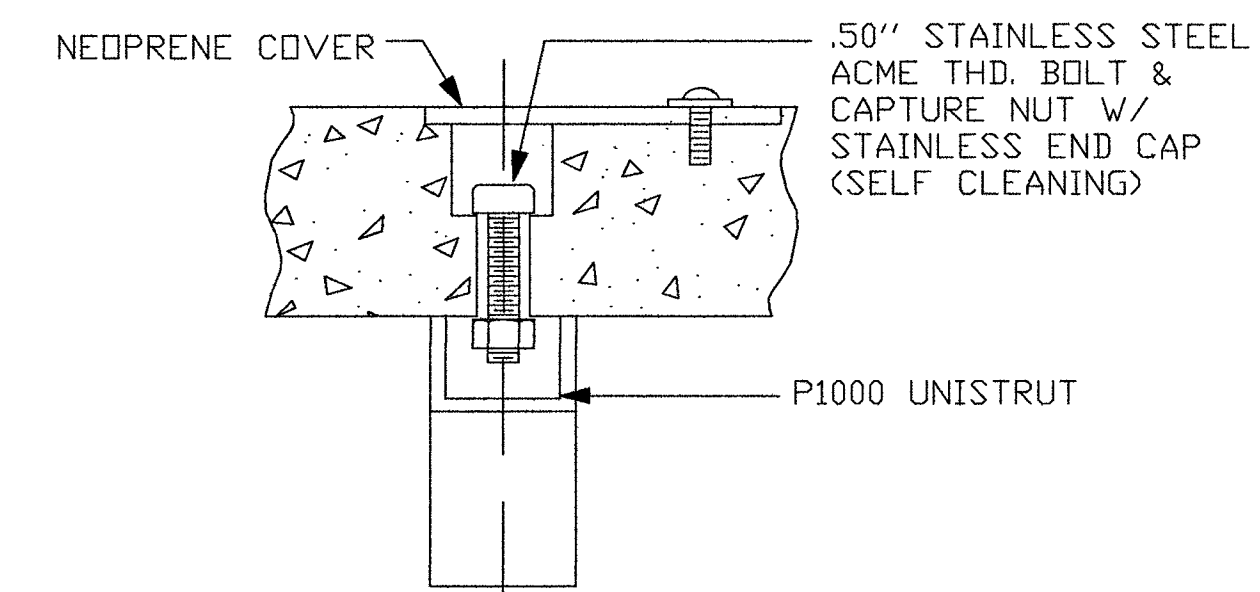
POTHOLE



MCI
CELL SITE: LSV KNICKERBOCKER

DETAIL "A-2"

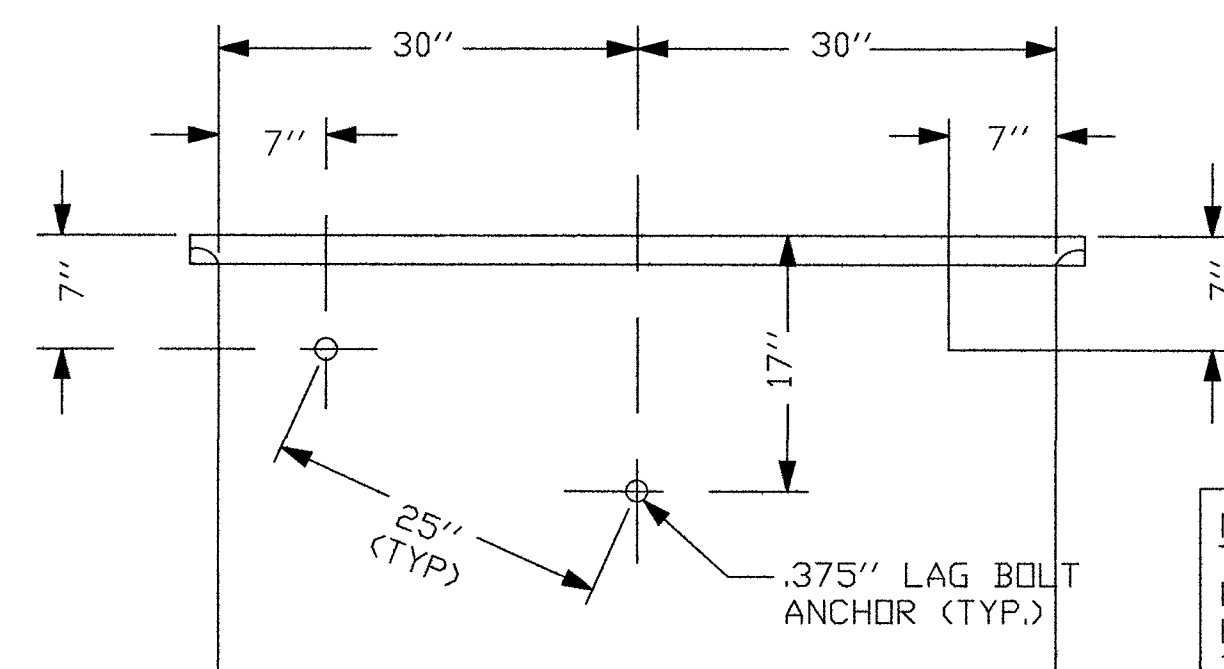
ENGAGED LOCK
DOWN DEVICE



DETAIL "A-4"

SUPPORT BEAM
INSTALLATION
(TYP. AT 6 PLACES)

The diagram shows a cross-section of a support beam installation. A horizontal support beam is shown with a fiberglass vault on top. The vault is filled with a material containing small triangles and dots. The beam is supported by a frame structure. Labels with arrows point to the RPM COVER, RPM FRAME, SUPPORT BEAM, and FIBERGLASS VAULT.



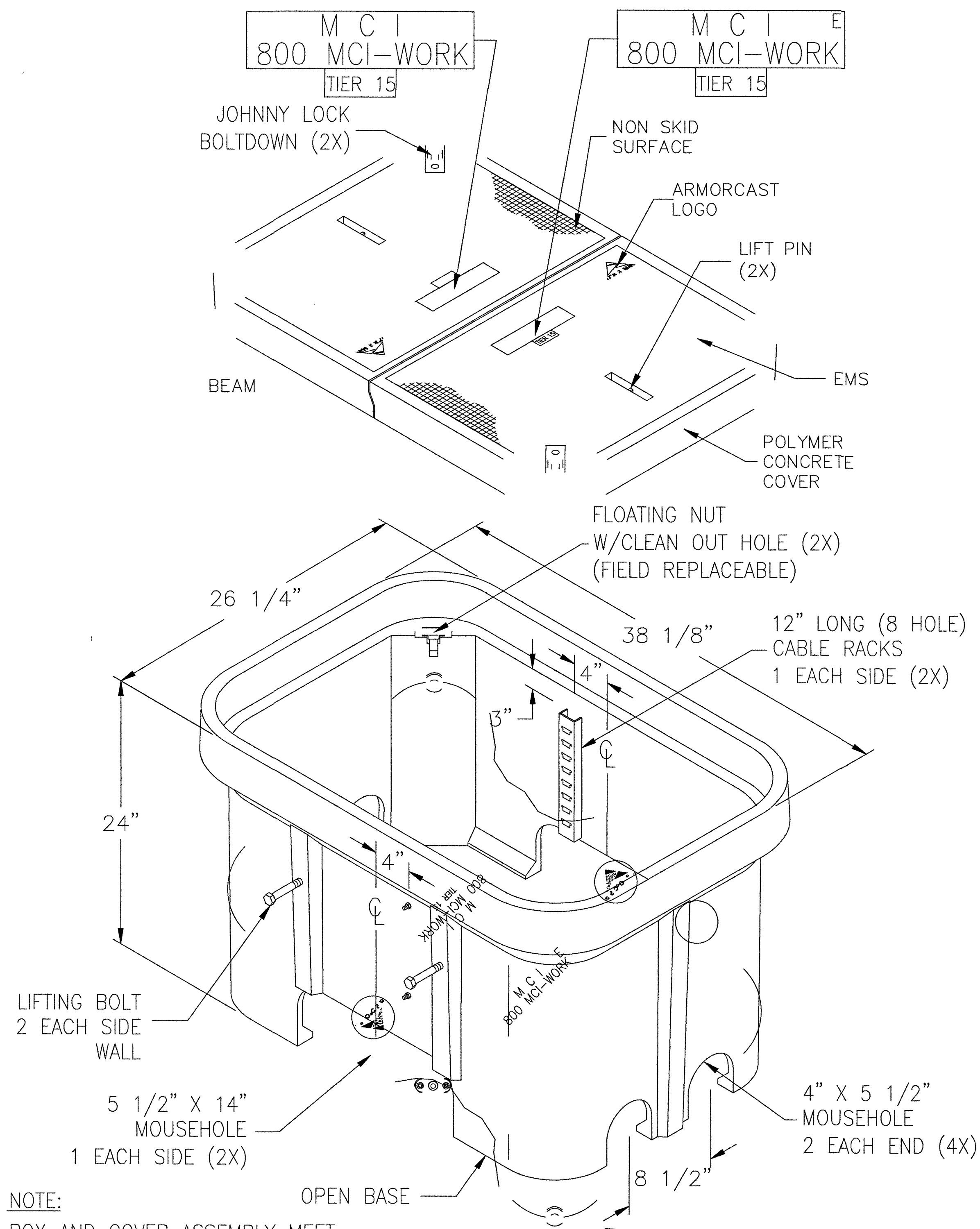
NOTE:
LINEAR DISTANCE BETWEEN
LAG BOLT ANCHORS MUST
BE 25".

01/15

01/13

01/13

M:\VERIZON ONEFIBER\LAS VEGAS\LSV QUAIL VIEW\LSV KNICKERBOCKER\CONSTRUCTION DRAWINGS



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



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

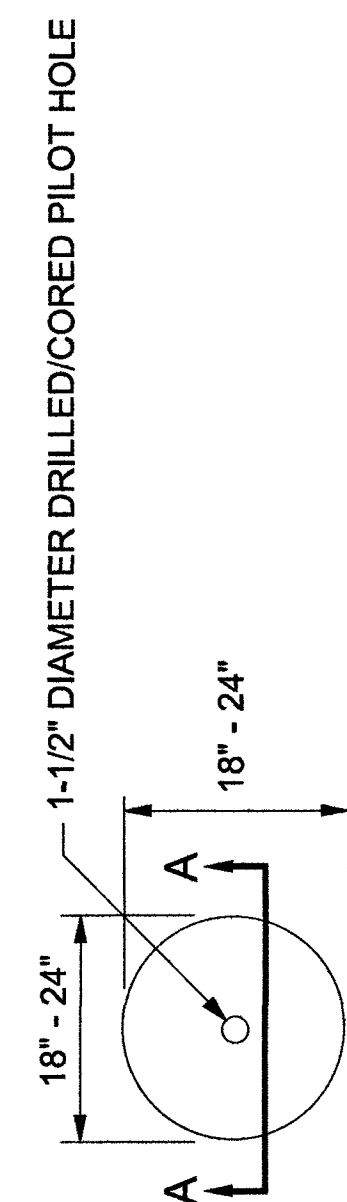
DRAWN GL	DATE 6/17	SCALE NONE
APPROV. WS	DATE 6/17	MATERIAL POLYMER CONCRETE

MAX. LOAD TIER 15	DRAWING NUMBER A6001974TAPMC13
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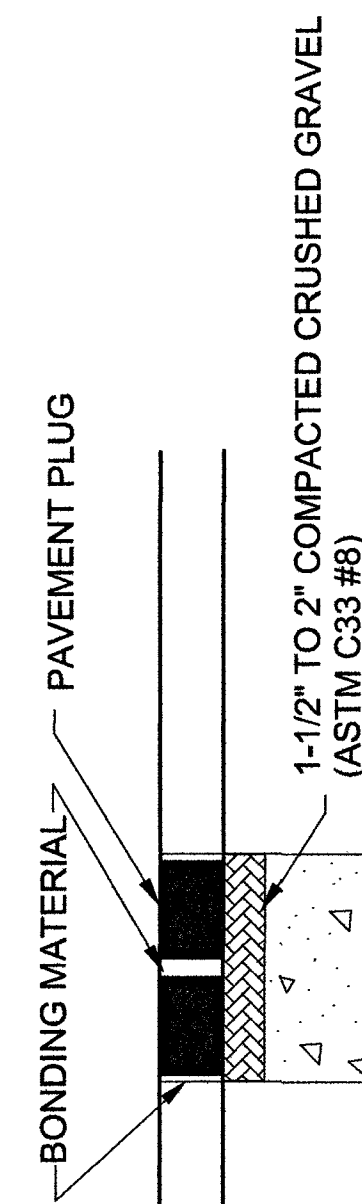
TYPE B - KEYHOLE REPAIR REQUIRED FOR ROW WIDTH GREATER THAN 60' OPTIONAL FOR ROW WIDTH 60' OR LESS

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.
6. A 5 YEAR WARRANTY IS REQUIRED ON ALL REPAIRS.

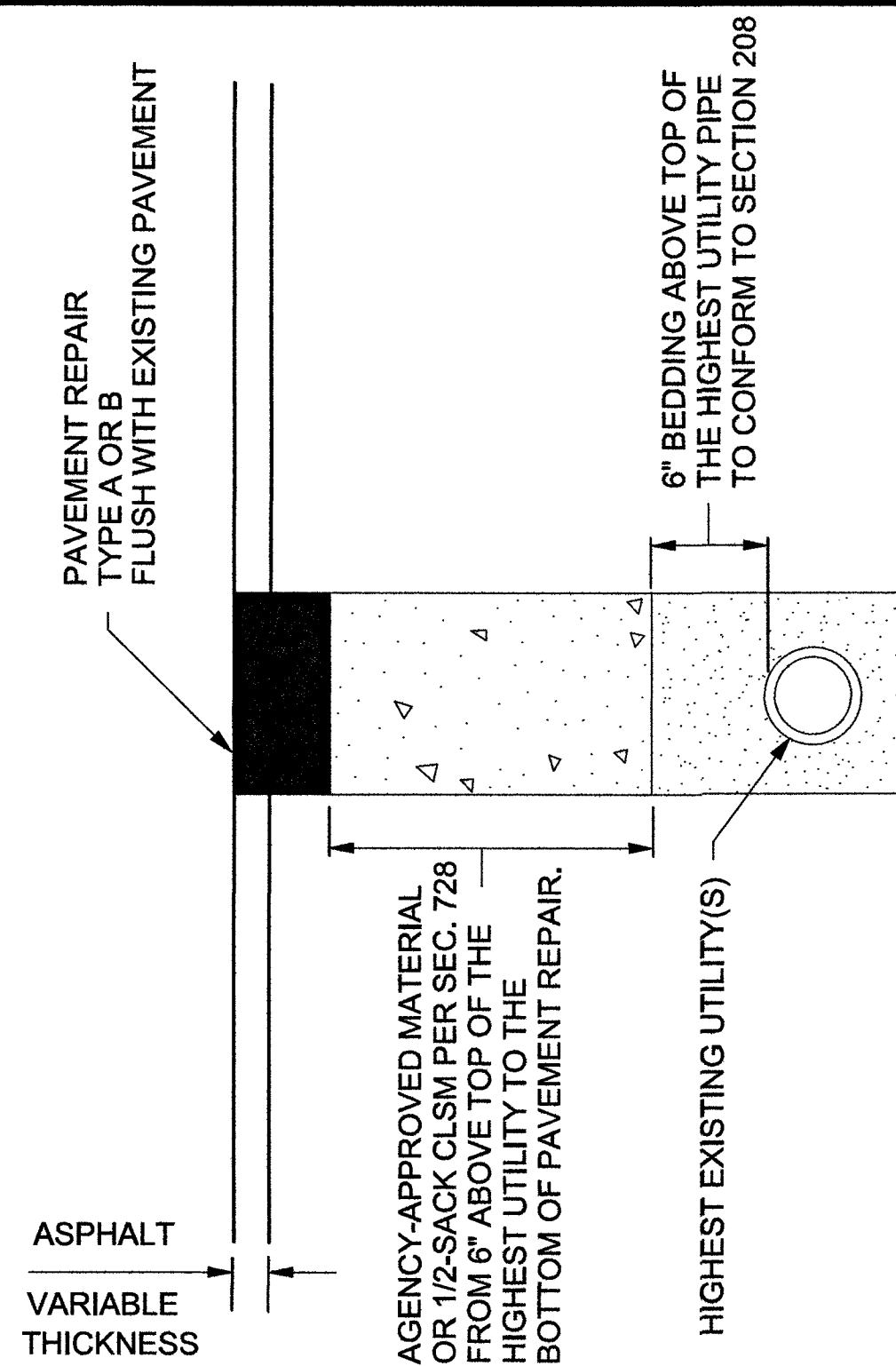


POT HOLE PLAN VIEW
(NOMINAL DIMENSIONS)



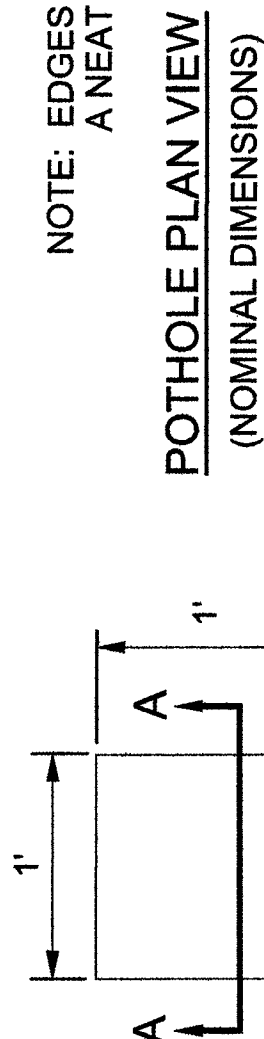
POT HOLE PROFILE

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

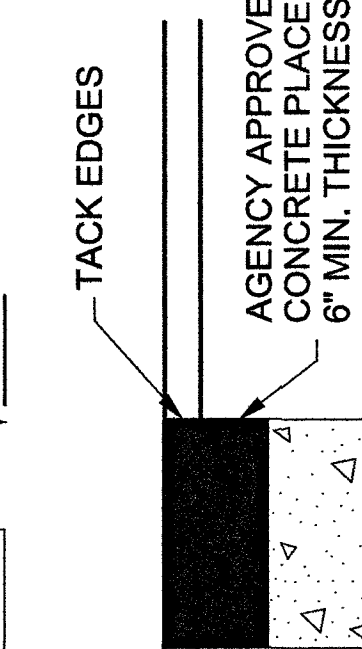


SECTION A-A

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



POT HOLE PLAN VIEW
(NOMINAL DIMENSIONS)



POT HOLE PROFILE

SPECIFICATION REFERENCE		UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA					
215	KEYHOLE POT HOLE EXCAVATION AND BACKFILL	UTILITY POT HOLE REPAIR					
DATE 01-01-12		DWG. NO. 506					



CELL SITE: LSV KNICKERBOCKER

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

HUB: LSV QUAL VIEW - CELL SITE: LSV
KNICKERBOCKER

DATE: 2/5/2019

DRAWN BY: JJAMES

REVISIONS

DATE	DESCRIPTION	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

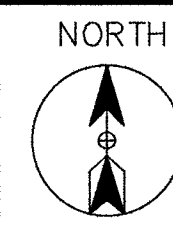
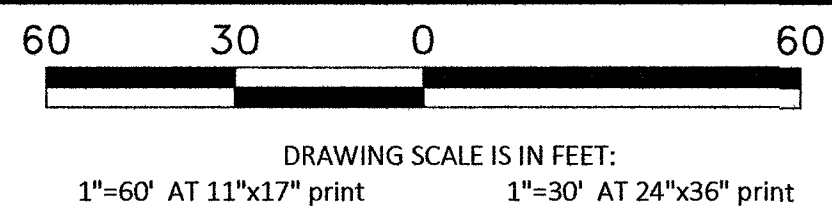
MP TO MP

SHEET 7 OF 14

FILE: LSV KNICKERBOCKER

08/10

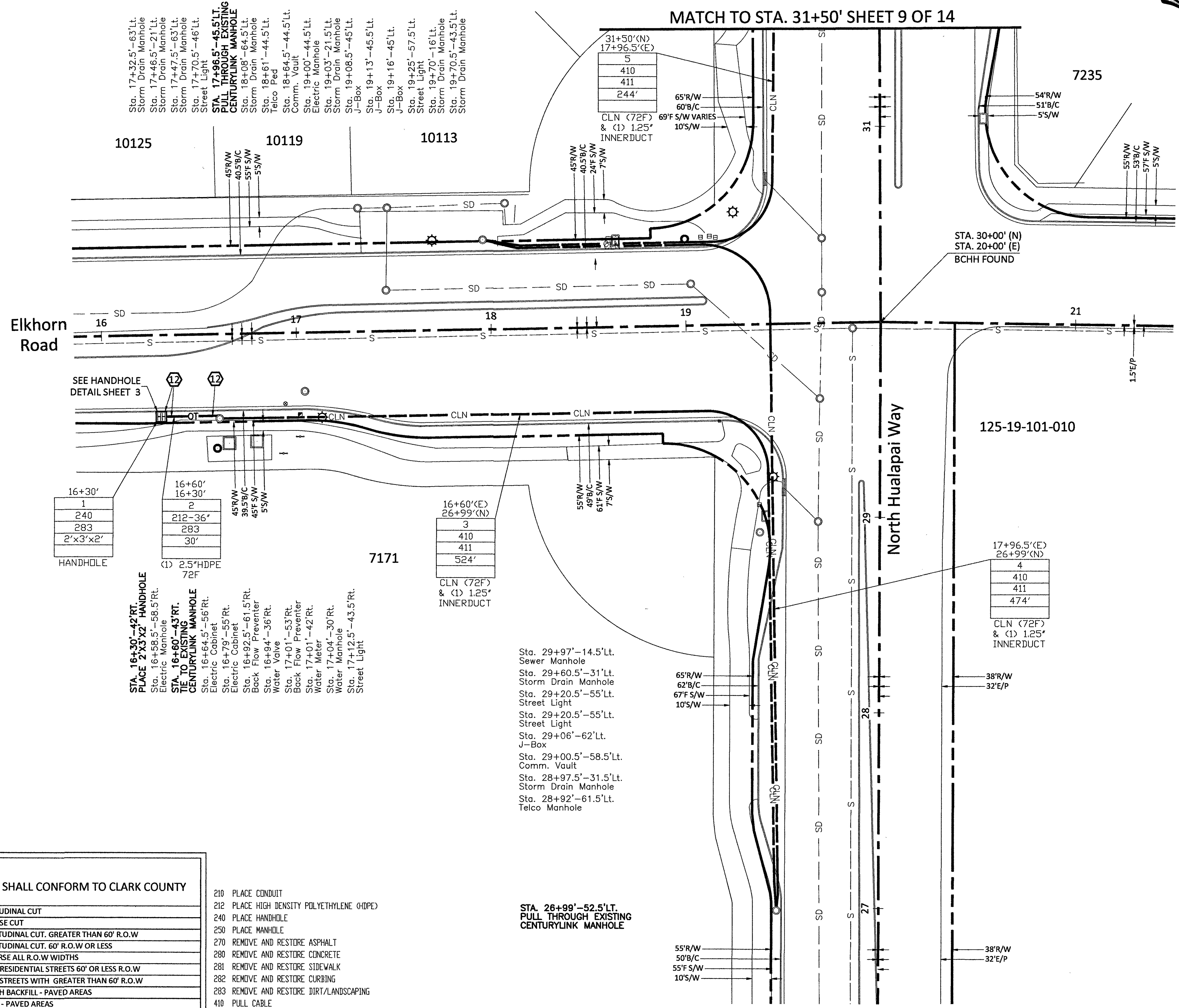
CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



CELL SITE: LSV KNICKERBOCKER

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

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



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

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	6'
2.5" HDPE CONDUIT:	30'
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	1
2.5' x 5' x 2.5' HANDHOLE(S):	-
4' x 4' x 4' MANHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	1,242'
TRENCH:	30'
TOTAL NEW UG FOOTAGE:	30'
TOTAL FOOTAGE:	1,272'

MCI
COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION
HUB: LSV QAL VIEW - CELL SITE: LSV
KNICKERBOCKER

DATE: 2/5/2019

DRAWN BY: JJAMES

REVISIONS		
DATE	DESCRIPTION	INITIAL

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 8 OF 14

FILE: LSV KNICKERBOCKER 09/15

MAVERION ONE/FIBER/LAS VEGAS/LSV QAL VIEW LSV KNICKERBOCKER/CONSTRUCTION DRAWINGS

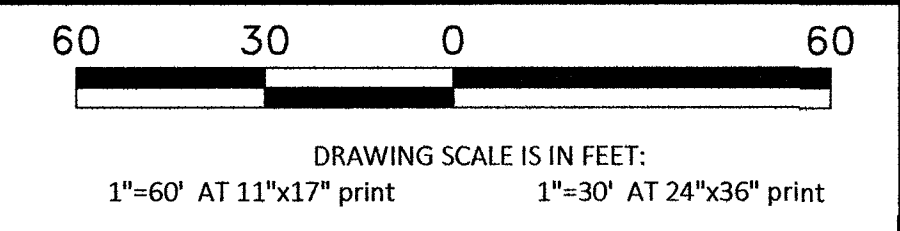
RTC NOTES: BACKFILL AND RIGHT OF WAY RESTORATION SHALL CONFORM TO CLARK COUNTY UNIFORM STANDARD DRAWINGS

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
51	234 SIDEWALK
52	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

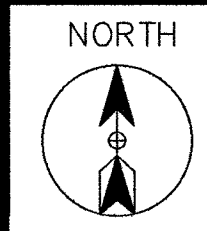
CONSTRUCTION DRAWING

CITY OF LAS VEGAS, NEVADA



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

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



CELL SITE: LSV KNICKERBOCKER

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	6'
2.5" HDPE CONDUIT:	20'
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	1
4' x 4' x 4' MANHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	850'
TRENCH:	20'
TOTAL NEW UG FOOTAGE:	20'
TOTAL FOOTAGE:	870'

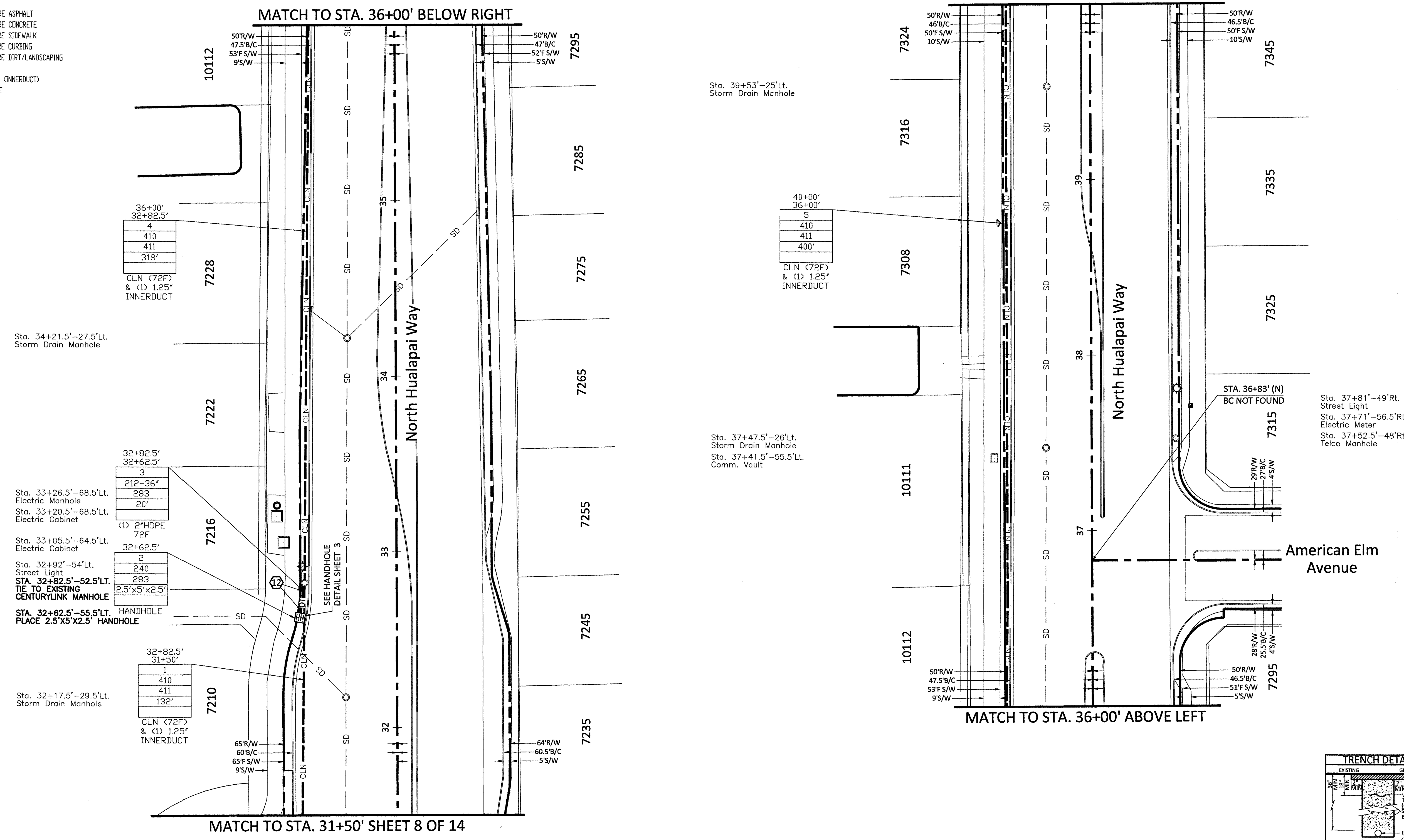
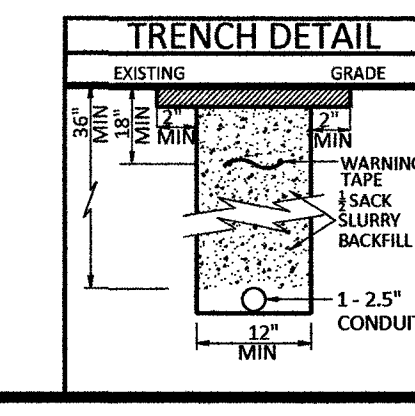
MCI COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION
HUB: LSV QUAIL VIEW - CELL SITE: LSV KNICKERBOCKER

DATE: 2/5/2019
DRAWN BY: JJAMES

REVISIONS		
DATE	DESCRIPTION	INITIAL

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SCALE	
HORIZONTAL:	1"=30'
VERTICAL:	NA
MP	TO MP
SHEET	9 OF 14
FILE:	LSV KNICKERBOCKER

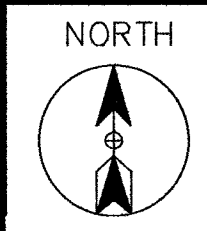
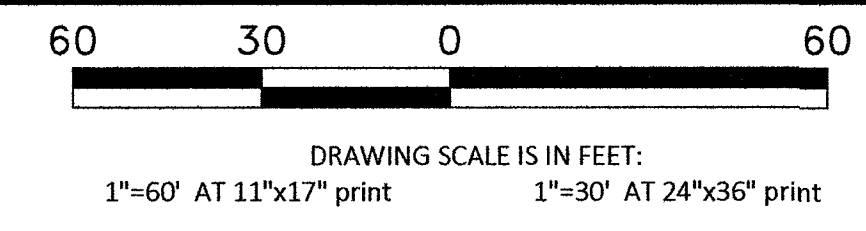


RTC NOTES: BACKFILL AND RIGHT OF WAY RESTORATION SHALL CONFORM TO CLARK COUNTY UNIFORM STANDARD DRAWINGS

500.1	0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
500.2	0 TO 5 YEARS PAVEMENT RESTORATION TRAVERSE CUT
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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
42	BACKFILL IN UNPAVED AREA AS REQUIRED BY LOCAL CODE OR AS APPROVED BY AGENCY.

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.

- 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

Sta. 44+22.5'-48.5'Lt.
Street Light

Sta. 43+99'-23.5'Lt.
Storm Drain Manhole

Sta. 43+75'-61.5'Lt.
Telco Ped

Sta. 43+74.5'-55.5'Lt.
Comm. Vault

Sta. 43+52.5'-15.5'Lt.
Sewer Manhole

Sta. 43+52.5'-79.5'Lt.
Sewer Manhole

Sta. 43+51.5'-24'Lt.
Storm Drain Manhole

44+50'
40+50'
4
410
411
400'

CLN (72F)
& (1) 1.25'
INNERDUCT

40+70'
3
240
281
2.5'x5'x2.5'

HANDHOLE

STA. 40+70'-47'LT.
PLACE 2.5'x5'x2.5' HANDHOLE

STA. 40+50'-48'LT.
TIE TO EXISTING CENTURYLINK MANHOLE

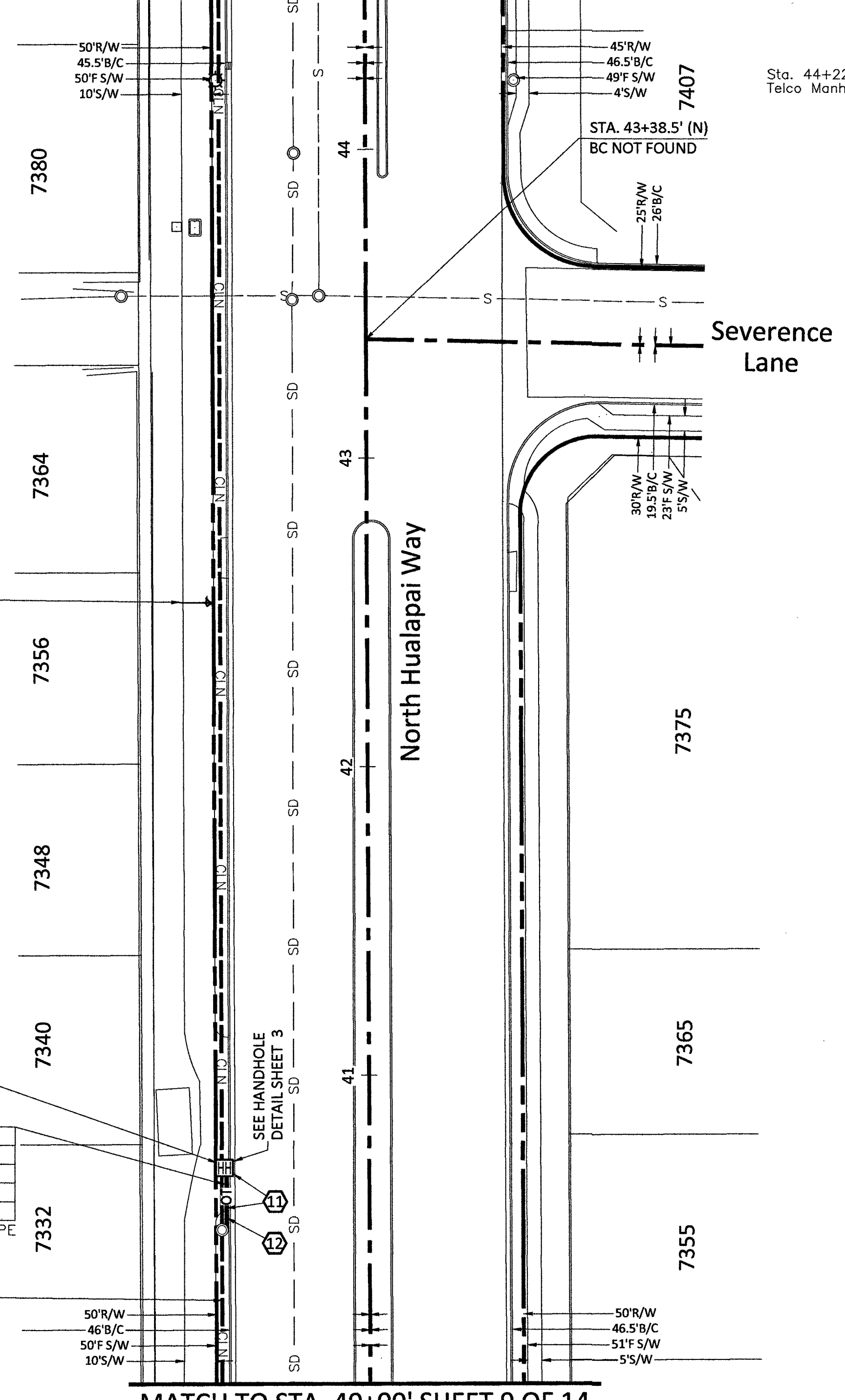
40+70'
40+50'
2
212-36'
281/283
20'

(1) 2.5'HDPE
72F

40+50'
40+00'
1
410
411
50'

CLN (72F)
& (1) 1.25'
INNERDUCT

MATCH TO STA. 44+50' BELOW RIGHT



MATCH TO STA. 40+00' SHEET 9 OF 14

MATCH TO STA. 49+00' SHEET 11 OF 14

Sta. 48+68'-14.5'Lt.
Sewer Manhole

Sta. 48+66.5'-78.5'Lt.
Sewer Manhole

STA. 47+30'-49'LT.
PULL THROUGH EXISTING CENTURYLINK MANHOLE

Sta. 47+17'-48.5'Lt.
Street Light

Sta. 47+12.5'-53'Lt.
Comm. Vault

Sta. 46+83'-15'Lt.
Sewer Manhole

49+00'
47+30'
6
410
411
170'

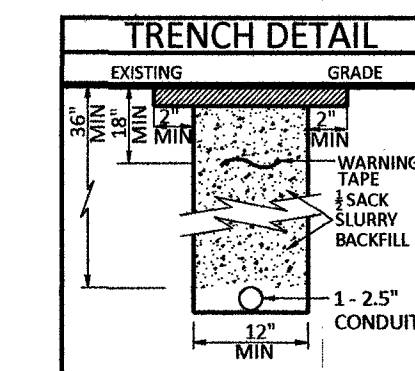
CLN (72F)
& (1) 1.25'
INNERDUCT

47+30'
44+50'
5
410
411
280'

CLN (72F)
& (1) 1.25'
INNERDUCT

Sta. 45+16'-23.5'Lt.
Storm Drain Manhole

MATCH TO STA. 44+50' ABOVE LEFT



CELL SITE: LSV KNICKERBOCKER

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	6'
2.5" HDPE CONDUIT:	20'
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	1
4' x 4' x 4' MANHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	900'
TRENCH:	20'
TOTAL NEW UG FOOTAGE:	20'
TOTAL FOOTAGE:	920'

MCI COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

HUB: LSV QUAIL VIEW - CELL SITE: LSV KNICKERBOCKER

DATE: 2/5/2019

DRAWN BY: JJAMES

REVISIONS		
DATE	DESCRIPTION	INITIAL

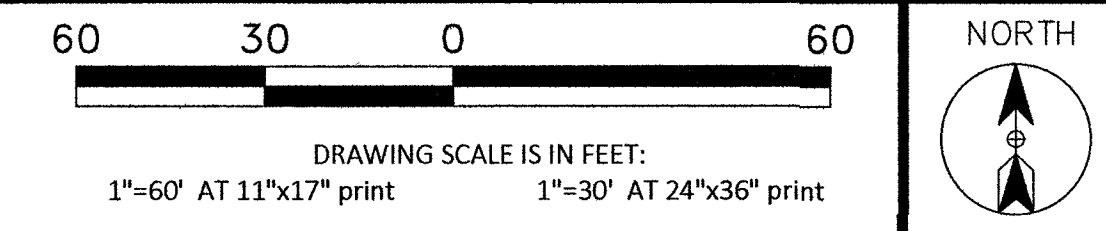
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SCALE

HORIZONTAL:	1"=30'
VERTICAL:	NA
MP	TO MP
SHEET	10 OF 14
FILE:	LSV KNICKERBOCKER 11/15

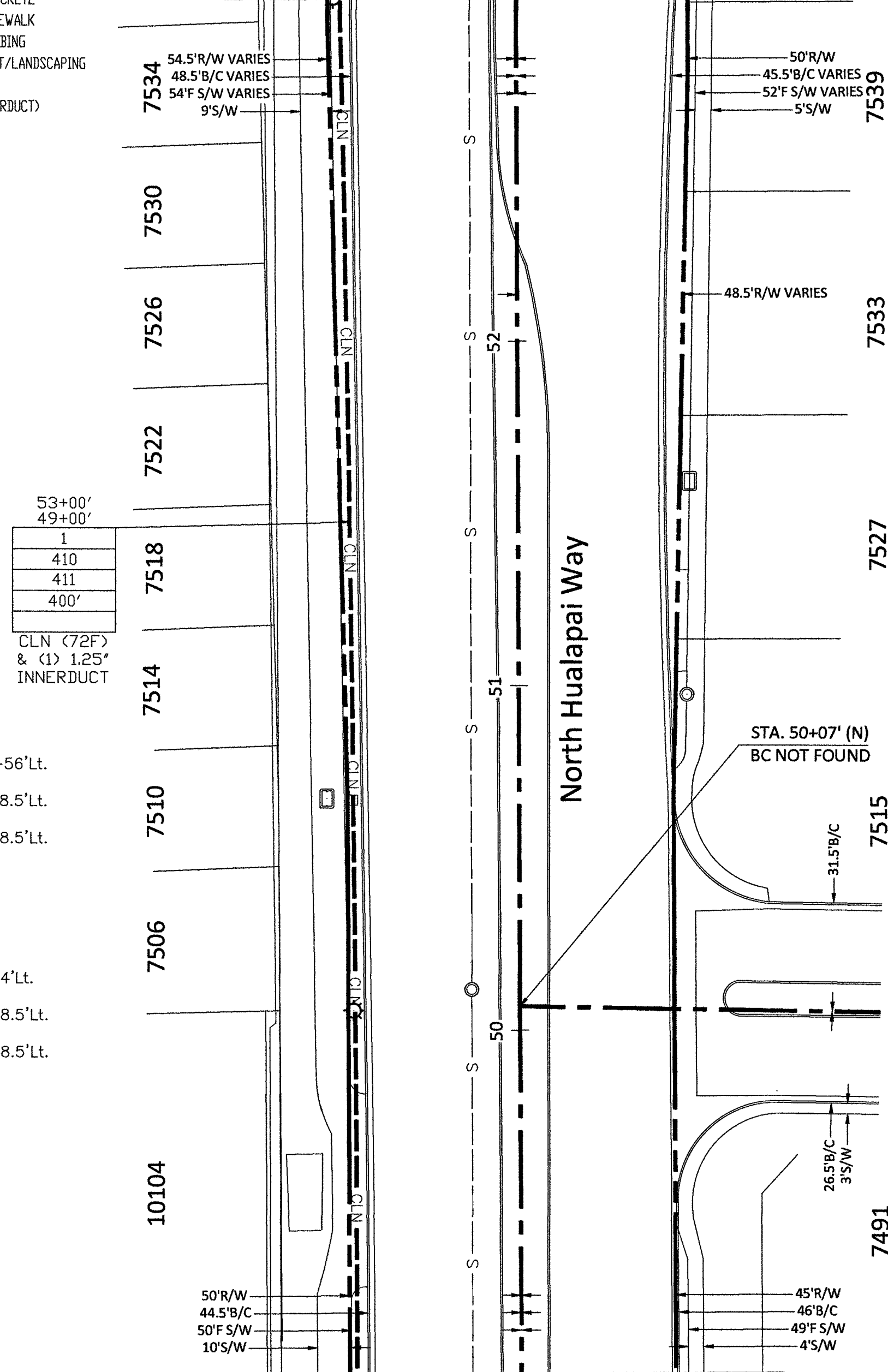
RTC NOTES: BACKFILL AND RIGHT OF WAY RESTORATION SHALL CONFORM TO CLARK COUNTY UNIFORM STANDARD DRAWINGS. Table with 2 columns: Item, Description. Items include 500.1 to 500.5 (Pavement Restoration), 501 to 503.1 (Underground Utility Locations), 503.2 (Rigid and Flexible Pipe Trench Backfill), 503.3 (Flexible Pipe Trench Backfill), 503.4 (Rigid Pipe Trench Backfill), 503.5 (Flexible Pipe Trench Backfill), 503.6 (Rigid Pipe Trench Backfill), 503.7 (Flexible Pipe Trench Backfill), 503.8 (Rigid Pipe Trench Backfill), 503.9 (Flexible Pipe Trench Backfill), 503.10 (Rigid Pipe Trench Backfill), 503.11 (Flexible Pipe Trench Backfill), 503.12 (Rigid Pipe Trench Backfill), 503.13 (Flexible Pipe Trench Backfill), 503.14 (Rigid Pipe Trench Backfill), 503.15 (Flexible Pipe Trench Backfill), 503.16 (Rigid Pipe Trench Backfill), 503.17 (Flexible Pipe Trench Backfill), 503.18 (Rigid Pipe Trench Backfill), 503.19 (Flexible Pipe Trench Backfill), 503.20 (Rigid Pipe Trench Backfill), 503.21 (Flexible Pipe Trench Backfill), 503.22 (Rigid Pipe Trench Backfill), 503.23 (Flexible Pipe Trench Backfill), 503.24 (Rigid Pipe Trench Backfill), 503.25 (Flexible Pipe Trench Backfill), 503.26 (Rigid Pipe Trench Backfill), 503.27 (Flexible Pipe Trench Backfill), 503.28 (Rigid Pipe Trench Backfill), 503.29 (Flexible Pipe Trench Backfill), 503.30 (Rigid Pipe Trench Backfill), 503.31 (Flexible Pipe Trench Backfill), 503.32 (Rigid Pipe Trench Backfill), 503.33 (Flexible Pipe Trench Backfill), 503.34 (Rigid Pipe Trench Backfill), 503.35 (Flexible Pipe Trench Backfill), 503.36 (Rigid Pipe Trench Backfill), 503.37 (Flexible Pipe Trench Backfill), 503.38 (Rigid Pipe Trench Backfill), 503.39 (Flexible Pipe Trench Backfill), 503.40 (Rigid Pipe Trench Backfill), 503.41 (Flexible Pipe Trench Backfill), 503.42 (Rigid Pipe Trench Backfill), 503.43 (Flexible Pipe Trench Backfill), 503.44 (Rigid Pipe Trench Backfill), 503.45 (Flexible Pipe Trench Backfill), 503.46 (Rigid Pipe Trench Backfill), 503.47 (Flexible Pipe Trench Backfill), 503.48 (Rigid Pipe Trench Backfill), 503.49 (Flexible Pipe Trench Backfill), 503.50 (Rigid Pipe Trench Backfill), 503.51 (Flexible Pipe Trench Backfill), 503.52 (Rigid Pipe Trench Backfill), 503.53 (Flexible Pipe Trench Backfill), 503.54 (Rigid Pipe Trench Backfill), 503.55 (Flexible Pipe Trench Backfill), 503.56 (Rigid Pipe Trench Backfill), 503.57 (Flexible Pipe Trench Backfill), 503.58 (Rigid Pipe Trench Backfill), 503.59 (Flexible Pipe Trench Backfill), 503.60 (Rigid Pipe Trench Backfill), 503.61 (Flexible Pipe Trench Backfill), 503.62 (Rigid Pipe Trench Backfill), 503.63 (Flexible Pipe Trench Backfill), 503.64 (Rigid Pipe Trench Backfill), 503.65 (Flexible Pipe Trench Backfill), 503.66 (Rigid Pipe Trench Backfill), 503.67 (Flexible Pipe Trench Backfill), 503.68 (Rigid Pipe Trench Backfill), 503.69 (Flexible Pipe Trench Backfill), 503.70 (Rigid Pipe Trench Backfill), 503.71 (Flexible Pipe Trench Backfill), 503.72 (Rigid Pipe Trench Backfill), 503.73 (Flexible Pipe Trench Backfill), 503.74 (Rigid Pipe Trench Backfill), 503.75 (Flexible Pipe Trench Backfill), 503.76 (Rigid Pipe Trench Backfill), 503.77 (Flexible Pipe Trench Backfill), 503.78 (Rigid Pipe Trench Backfill), 503.79 (Flexible Pipe Trench Backfill), 503.80 (Rigid Pipe Trench Backfill), 503.81 (Flexible Pipe Trench Backfill), 503.82 (Rigid Pipe Trench Backfill), 503.83 (Flexible Pipe Trench Backfill), 503.84 (Rigid Pipe Trench Backfill), 503.85 (Flexible Pipe Trench Backfill), 503.86 (Rigid Pipe Trench Backfill), 503.87 (Flexible Pipe Trench Backfill), 503.88 (Rigid Pipe Trench Backfill), 503.89 (Flexible Pipe Trench Backfill), 503.90 (Rigid Pipe Trench Backfill), 503.91 (Flexible Pipe Trench Backfill), 503.92 (Rigid Pipe Trench Backfill), 503.93 (Flexible Pipe Trench Backfill), 503.94 (Rigid Pipe Trench Backfill), 503.95 (Flexible Pipe Trench Backfill), 503.96 (Rigid Pipe Trench Backfill), 503.97 (Flexible Pipe Trench Backfill), 503.98 (Rigid Pipe Trench Backfill), 503.99 (Flexible Pipe Trench Backfill), 504.00 (Rigid Pipe Trench Backfill).

CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



- 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 BURE

MATCH TO STA. 53+00' BELOW RIGHT



MATCH TO STA. 49+00' SHEET 10 OF 14

Lassen Peak Circle

Sta. 57+96'-64" Lt. Telco Ped
Sta. 57+95'-69" Lt. Comm. Vault
Sta. 57+29.5'-44" Lt. Storm Drain Manhole
Sta. 57+12'-26" Lt. Storm Drain Manhole
Sta. 57+11.5'-153.5' Lt. PULL THROUGH EXISTING CENTURYLINK MANHOLE
Sta. 56+90.5'-4.5' Lt. Storm Drain Manhole
Sta. 56+89.5'-93.5' Lt. Storm Drain Manhole
Sta. 56+81.5'-4.5' Lt. Sewer Manhole

Sta. 56+60'-13.5' Lt. Sewer Manhole
Sta. 56+33'-66' Lt. Storm Drain Manhole
Sta. 55+79.5'-58' Lt. Comm. Vault

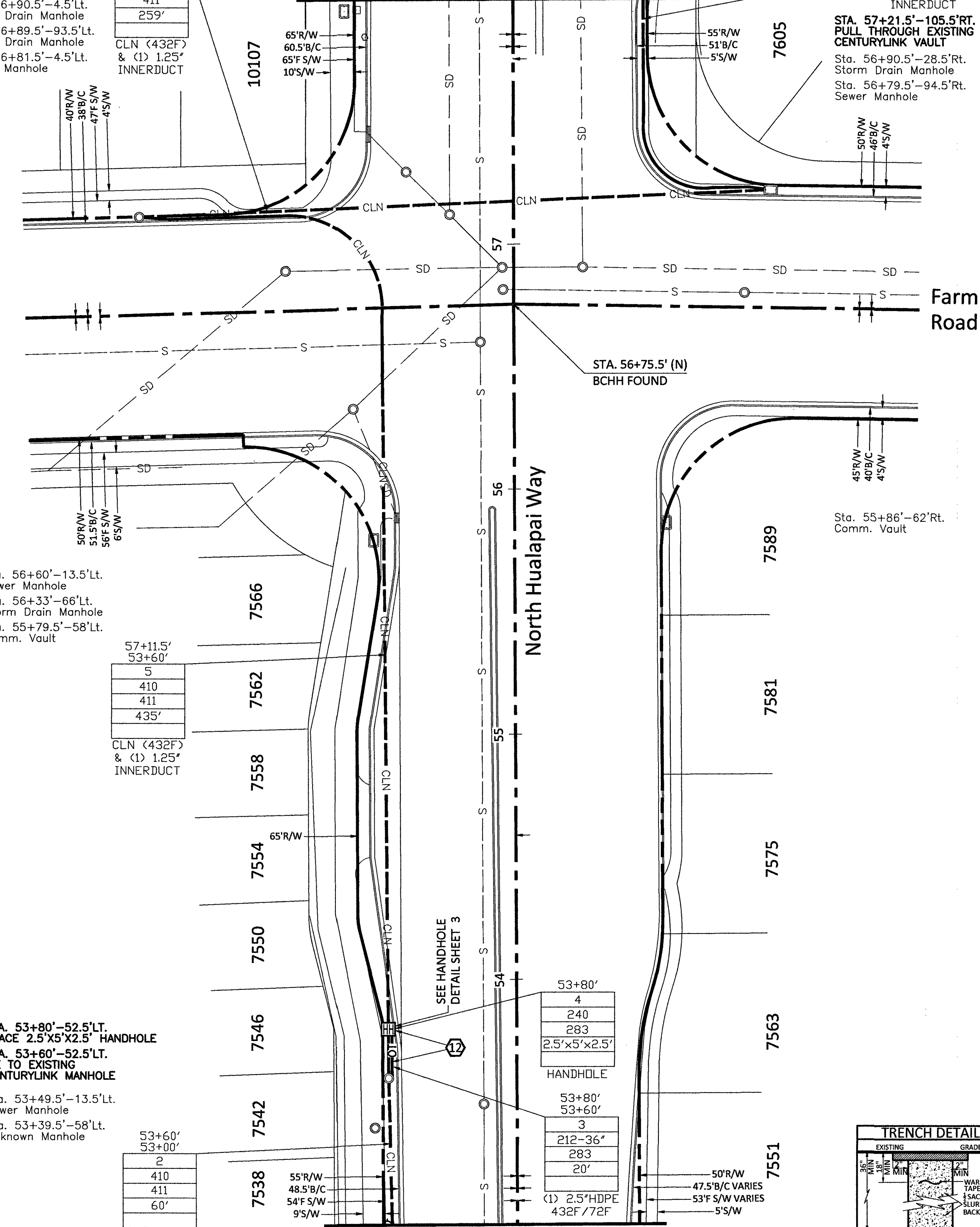
STA. 53+80'-52.5' Lt. PLACE 2.5'x5'x2.5' HANDHOLE
STA. 53+60'-52.5' Lt. TIE TO EXISTING CENTURYLINK MANHOLE
Sta. 53+49.5'-13.5' Lt. Sewer Manhole
Sta. 53+39.5'-58' Lt. Unknown Manhole

57+21.5' 57+11.5' 6 410 411 259' CLN (432F) & (1) 1.25' INNERDUCT

57+11.5' 53+60' 5 410 411 435' CLN (432F) & (1) 1.25' INNERDUCT

53+60' 53+00' 2 410 411 60' CLN (72F) & (1) 1.25' INNERDUCT

MATCH TO STA. 58+00' SHEET 12 OF 14



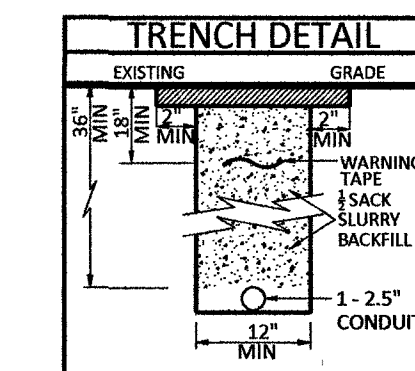
MATCH TO STA. 53+00' ABOVE LEFT

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

58+00' 57+21.5' 7 410 411 119' CLN (432F) & (1) 1.25' INNERDUCT

STA. 57+21.5'-105.5' Rt. PULL THROUGH EXISTING CENTURYLINK VAULT
Sta. 56+90.5'-28.5' Rt. Storm Drain Manhole
Sta. 56+79.5'-94.5' Rt. Sewer Manhole

Sta. 55+86'-62' Rt. Comm. Vault



CELL SITE: LSV KNICKERBOCKER

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	6'
2.5" HDPE CONDUIT:	20'
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	1
4' x 4' x 4' MANHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	1,273'
TRENCH:	20'
TOTAL NEW UG FOOTAGE:	20'
TOTAL FOOTAGE:	1,293'

MCI COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION
HUB: LSV QUAIL VIEW - CELL SITE: LSV KNICKERBOCKER

DATE: 2/5/2019
DRAWN BY: JJAMES

REVISIONS		
DATE	DESCRIPTION	INITIAL

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SCALE
HORIZONTAL: 1"=30'
VERTICAL: NA
MP TO MP
SHEET 11 OF 14
FILE: LSV KNICKERBOCKER 12/15

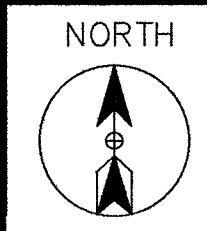
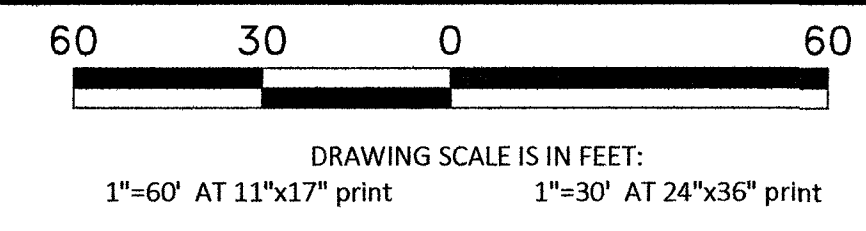
RTC NOTES: BACKFILL AND RIGHT OF WAY RESTORATION SHALL CONFORM TO CLARK COUNTY UNIFORM STANDARD DRAWINGS

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
235	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

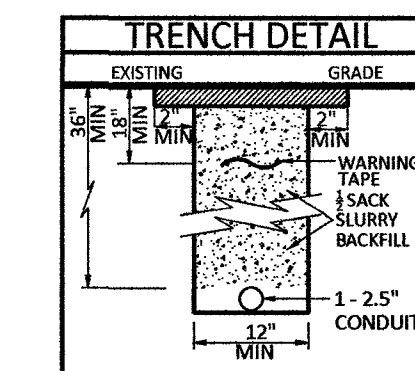
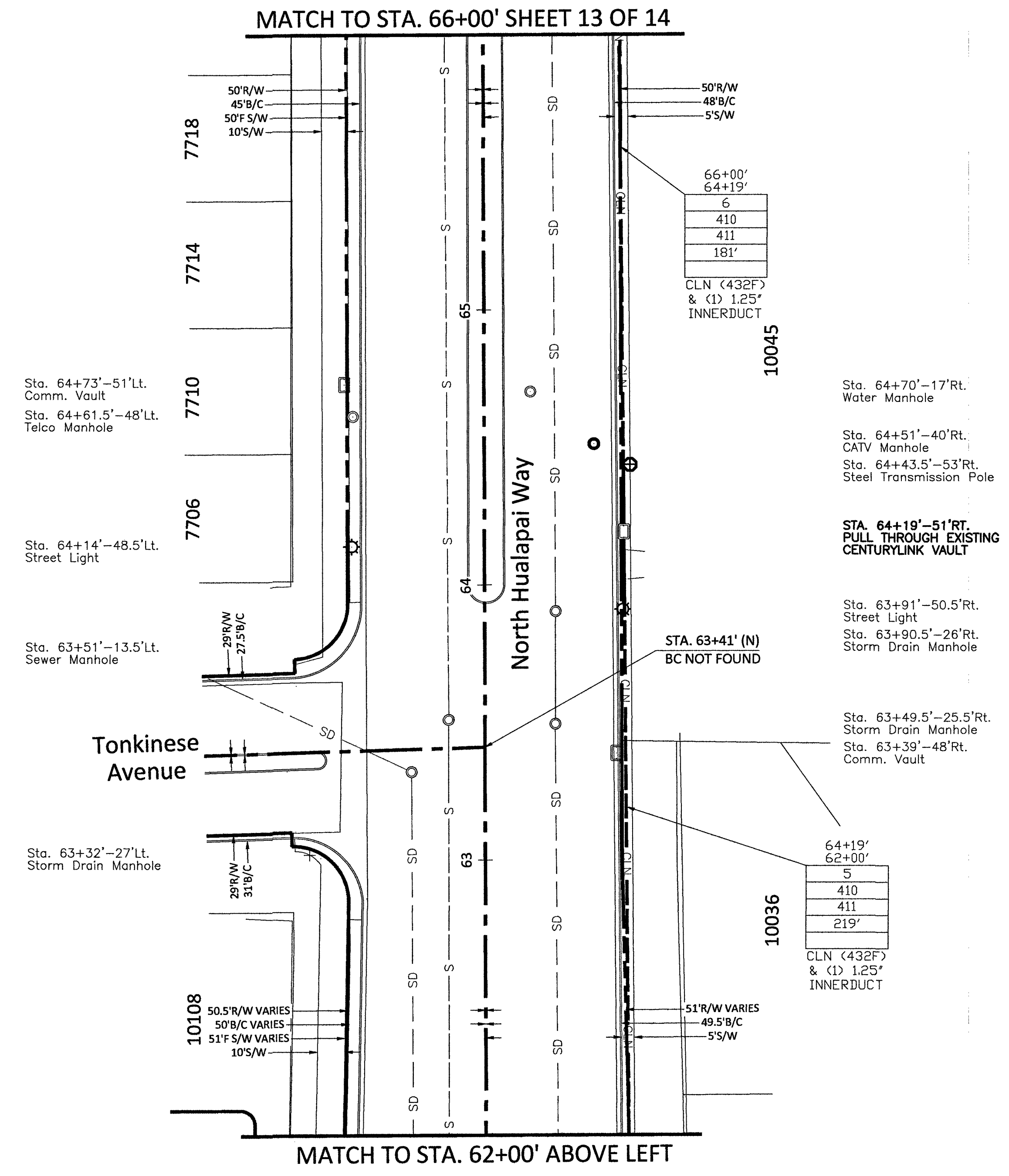
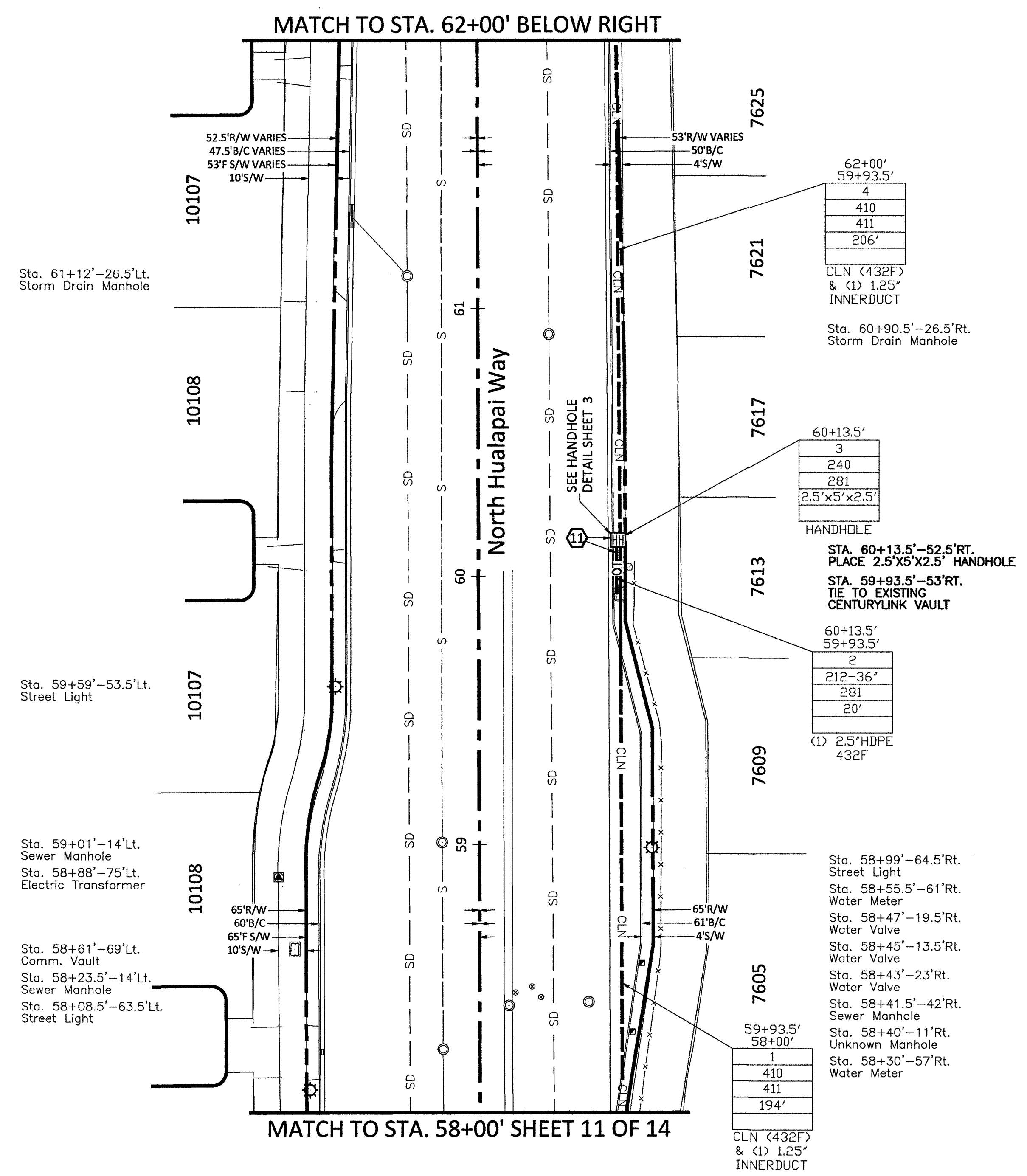
CITY OF LAS VEGAS, NEVADA



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

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

CELL SITE: LSV KNICKERBOCKER	
CITY OF LAS VEGAS, NEVADA	
CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	6'
2.5" HDPE CONDUIT:	20'
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	1
4' x 4' x 4' MANHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	800'
TRENCH:	20'
TOTAL NEW UG FOOTAGE:	20'
TOTAL FOOTAGE:	820'



COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

HUB: LSV QUAL VIEW - CELL SITE: LSV KNICKERBOCKER

DATE: 2/5/2019		
DRAWN BY: JJAMES		
REVISIONS		
DATE	DESCRIPTION	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.

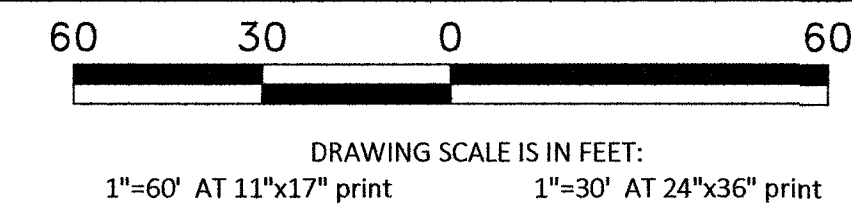
SCALE	
HORIZONTAL:	1"=30'
VERTICAL:	NA
MP	TO MP
SHEET	12 OF 14
FILE:	LSV KNICKERBOCKER

RTC NOTES:	
BACKFILL AND RIGHT OF WAY RESTORATION SHALL CONFORM TO CLARK COUNTY UNIFORM STANDARD DRAWINGS	
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CONSTRUCTION DRAWING

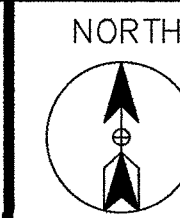
CITY OF LAS VEGAS, NEVADA



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before you begin excavation.



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CELL SITE: LSV KNICKERBOCKER

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	6'
2.5" HDPE CONDUIT:	20'
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	1
4' x 4' x 4' MANHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	188'
TRENCH:	20'
TOTAL NEW UG FOOTAGE:	20'
TOTAL FOOTAGE:	208'

COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION
HUB: LSV QUAL VIEW - CELL SITE: LSV
KNICKERBOCKER

DATE: 2/5/2019

DRAWN BY: JJAMES

REVISIONS		
DATE	DESCRIPTION	INITIAL

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SCALE

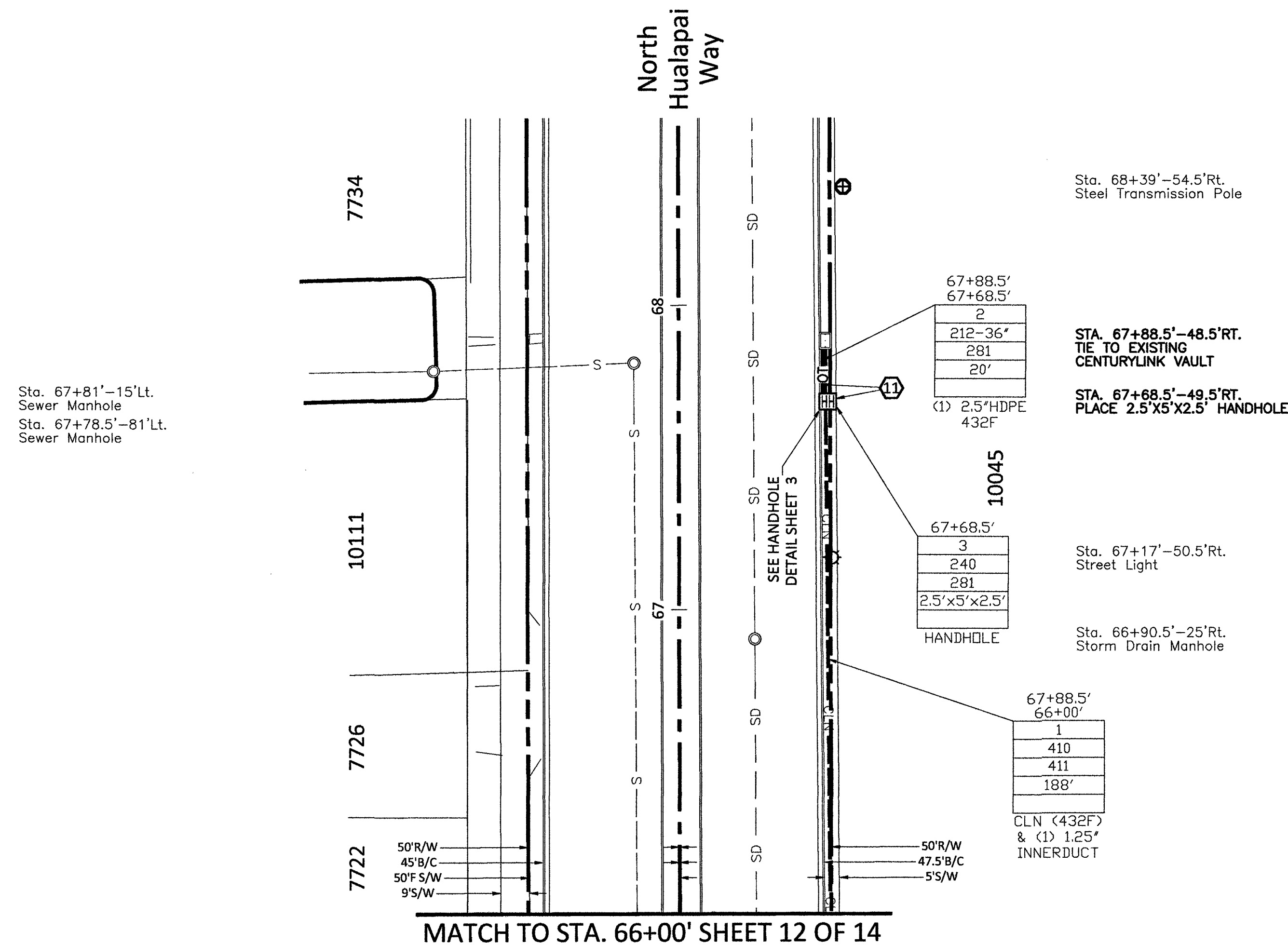
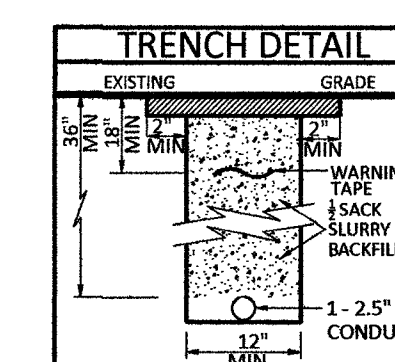
HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

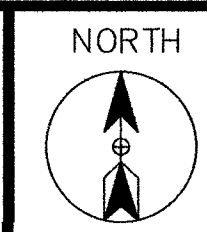
SHEET 13 OF 14

FILE: LSV KNICKERBOCKER



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 KNICKERBOCKER

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

FIBER TOTALS

FIBER SIZE/LENGTH: 432F/1,881'

FIBER SIZE/LENGTH: 72F/3,582'

COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION
HUB: LSV QUAIL VIEW - CELL SITE: LSV KNICKERBOCKER

DATE: 2/5/2019

DRAWN BY: JJAMES

REVISIONS

DATE	DESCRIPTION	INITIAL

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 14 OF 14

FILE: LSV KNICKERBOCKER

15/15

SITE-SPAN NAME: CELL SITE: LSV KNICKERBOCKER

SITE-SPAN ID: 1708APXU.010

FQID	SEGMENT	FIBER COUNT	TRENCH	BORE	DB/OT	3RD PARTY	VZ OWNED	AERIAL	TOTAL
FIB:BUR::56000242	910052	432F	20'	'	'	'	'	'	20'
FIB:BUR::56000734	910053	432F	'	'	'	1,801'	'	'	1,801'
FIB:BUR::56000127	910055	432F	20'	'	'	'	'	'	20'
FIB:BUR::56000797	910056	72F	'	'	'	3,452'	'	'	3,452'
FIB:BUR::56000255	910057	72F	30'	'	'	'	'	'	30'
FIB:BUR::56000734	910131	432F	20'	'	'	'	'	'	20'
FIB:BUR::56000797	910132	72F	20'	'	'	'	'	'	20'
FIB:BUR::56000797	910133	72F	20'	'	'	'	'	'	20'

