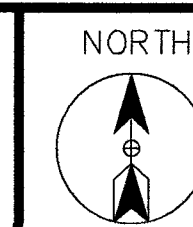


INDEX SHEET
CITY OF LAS VEGAS, NEVADA



PROJECT: 917052, 917053, 917054,
917055, 917056, 917057,
917058, 917059, 917060,
917061

CELL SITE: LSV LUKE 1,2,3 SC

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV LUKE 1,2,3 SC

PROJECT TITLE

DATE: 4/30/2019

DRAWN BY: ERAMSEY

REVISIONS

DATE	INITIAL

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

SCALE

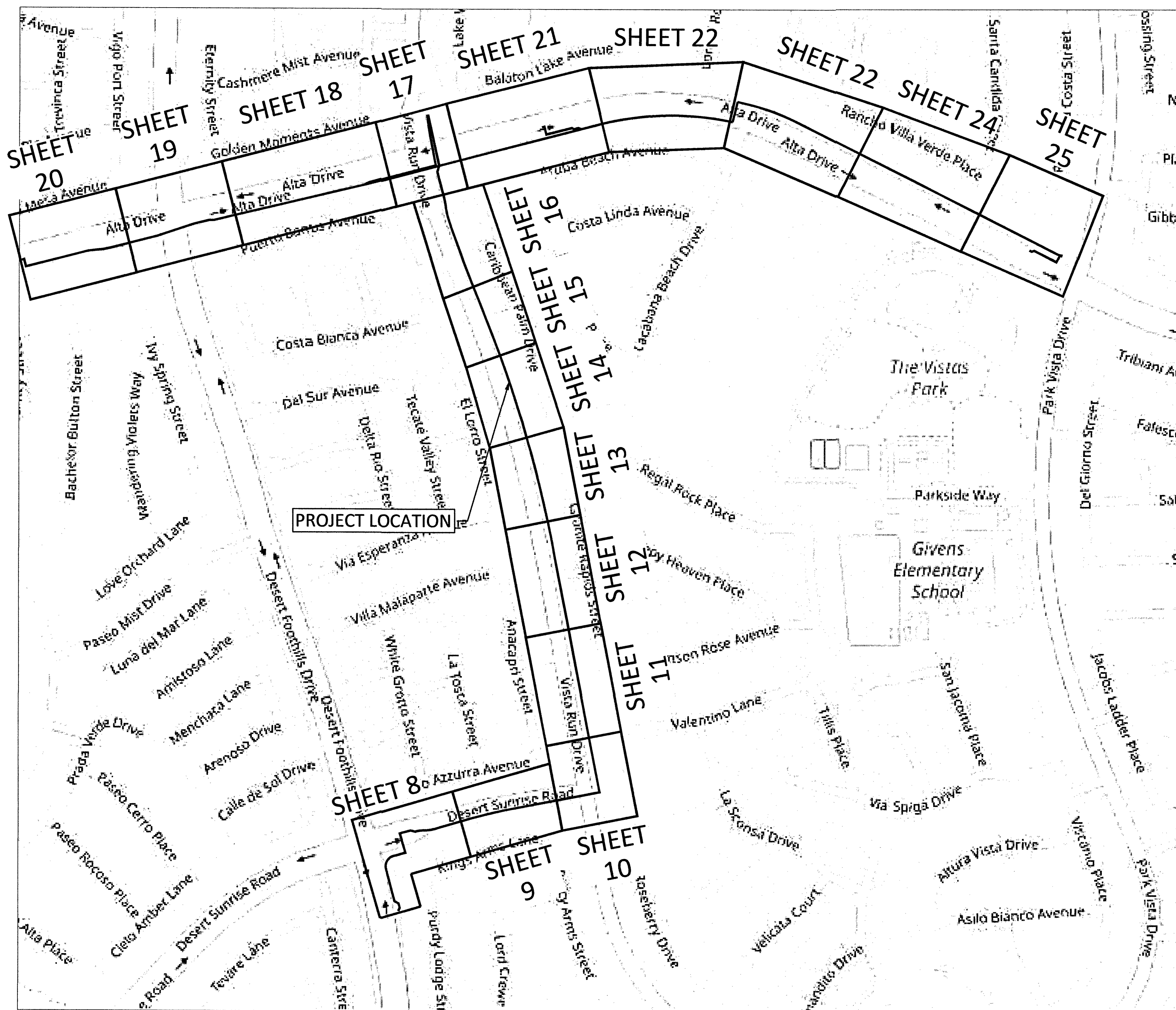
HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 1 OF 27

FILE: LSV LUKE 1,2,3 SC



CELL SITE: LSV LUKE 1,2,3 SC

CITY OF LAS VEGAS, NEVADA

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

[illegible]

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

PROJECT TITLE

DATE: 4/30/2019

DRAWN BY: ERAMSEY

REVISIONS

DATE	INITIAL

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

SCALE

HORIZONTAL: $1''=30'$

VERTICAL: NA

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

SHEET 2 OF 27

FTI F: LSV LUKE 1,2,3 SC

CLARIFICATION 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 CONNECTIONTHEREWITH.
 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. ALLWALLS, 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 APPLICABLEWHETHER 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 NDDOT 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 GOOD WORKING 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 SHALL 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

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 | RDCCK ADDER |
| 214 | SLURRY BACKFILL ADDER |
| 215 | EXPPOSE CONDUIT |
| 216 | EXPPOSE CONDUIT AND RELOCATE |
| 217 | EXPPOSE CONDUIT AND REPLACE/SUBSTITUTE |
| 218 | EXPPOSE AND REMOVE CONDUIT |
| 219 | EXPPOSE 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 | EXPPOSE DIRECT BURIED CABLE |
| 516 | EXPPOSE 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 PLDW |
| 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 |

ADDENDUM NOTES

FTI F: LSV LUKE 1,2,3 SC

SYMBOLS KEY

	EXISTING/PROPOSED
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

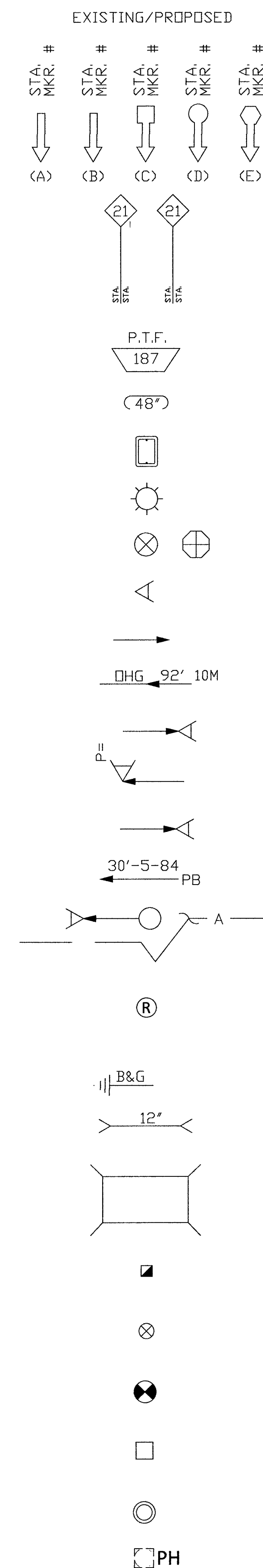
VALVE

FIRE HYDRANT

RAILROAD SIGNAL CONTROL BOX

MANHOLE

POTHOLE



PROJECT: 917052, 917053, 917054,
917055, 917056, 917057,
917058, 917059, 917060,
917061

CELL SITE: LSV LUKE 1,2,3 SC

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
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[illegible]

MCI COMMUNICATIONS SERVICES, INC.	OUTSIDE PLANT CONSTRUCTION	TITLE: CELL SITE: LSV LUKE 1,2,3 SC
		PROJECT TITLE

DATE: 4/30/2019

DRAWN BY: ERAMSEY

[illegible]

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

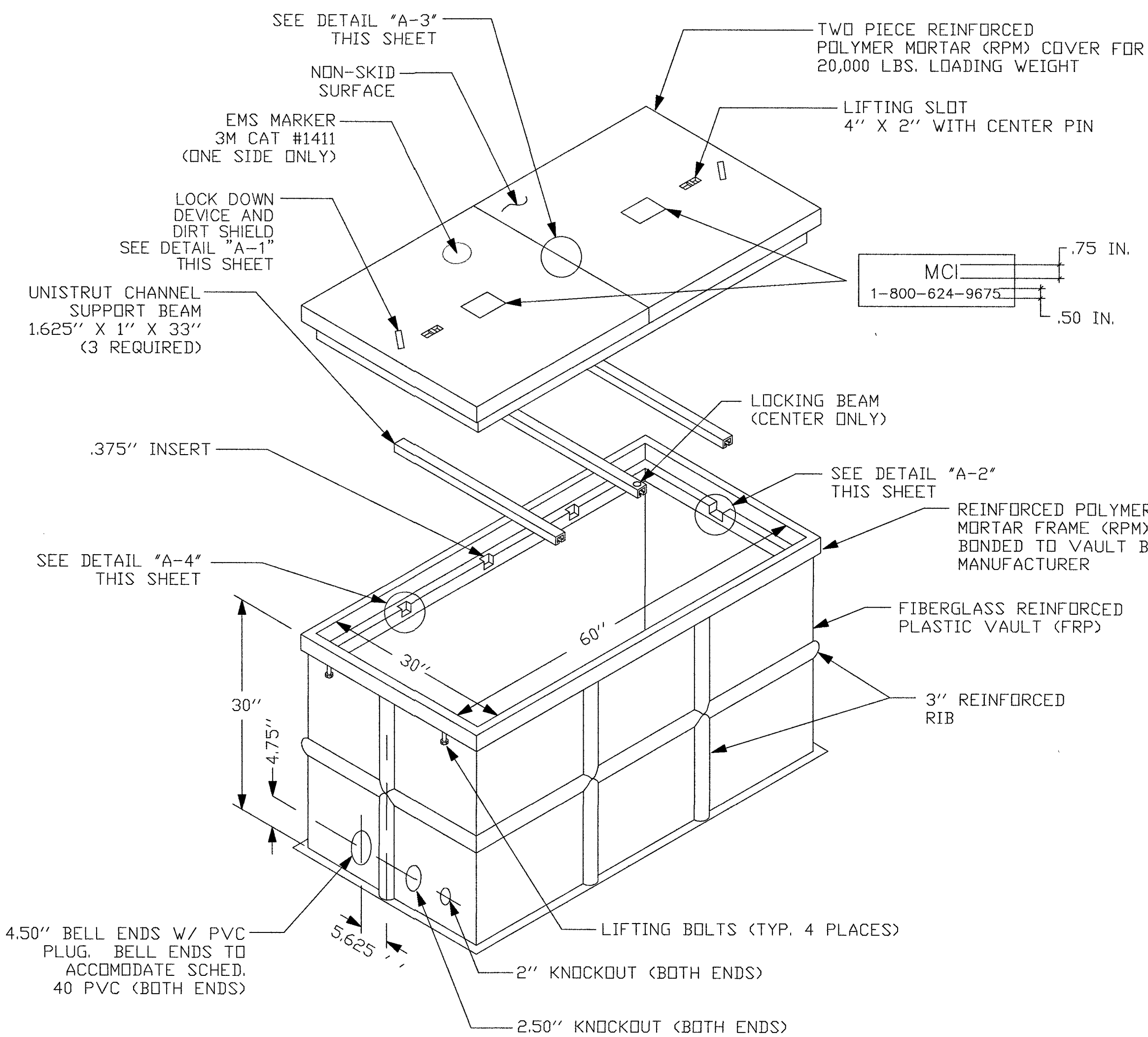
MP	TO MP
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SHEET 4 OF 27

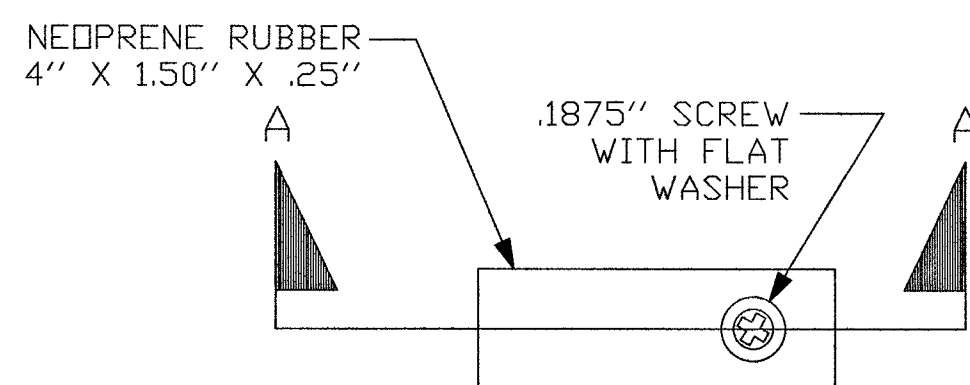
FILE: LSV LUKE 1,2,3 SC

2.5' x 5' x 2.5' HANDHOLE DETAILS

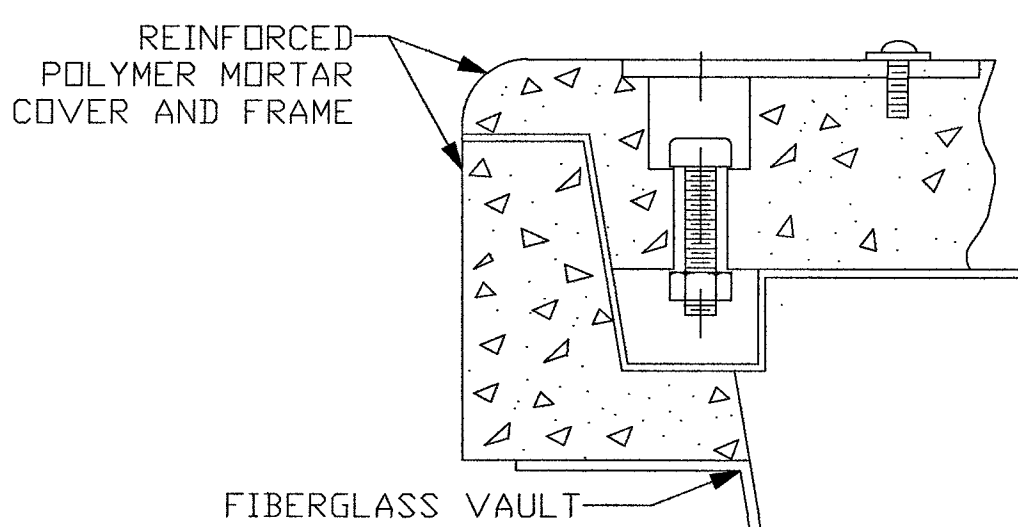
DETAIL "A"
EXPLODED ISOMETRIC DETAIL



DETAIL "A-1"
LOCK DOWN DEVICE

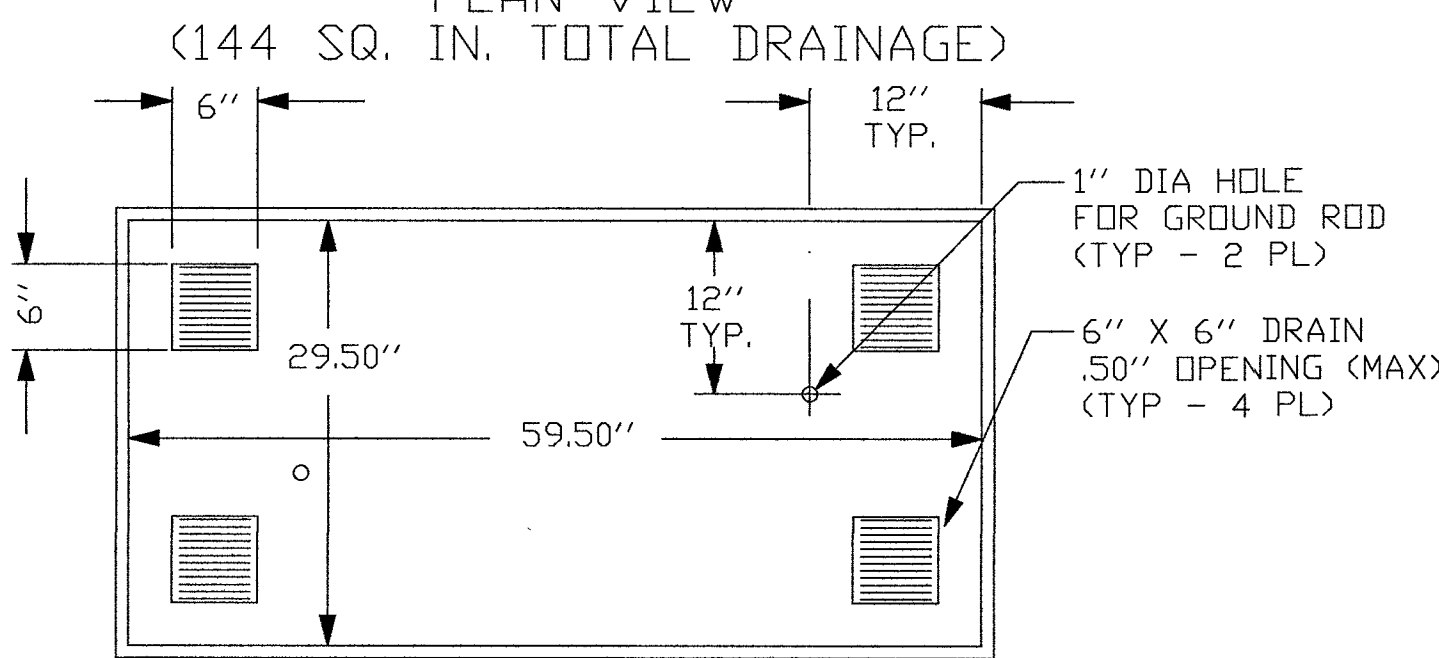


SECTION A-A
LOCKING DEVICE CROSS SECTION



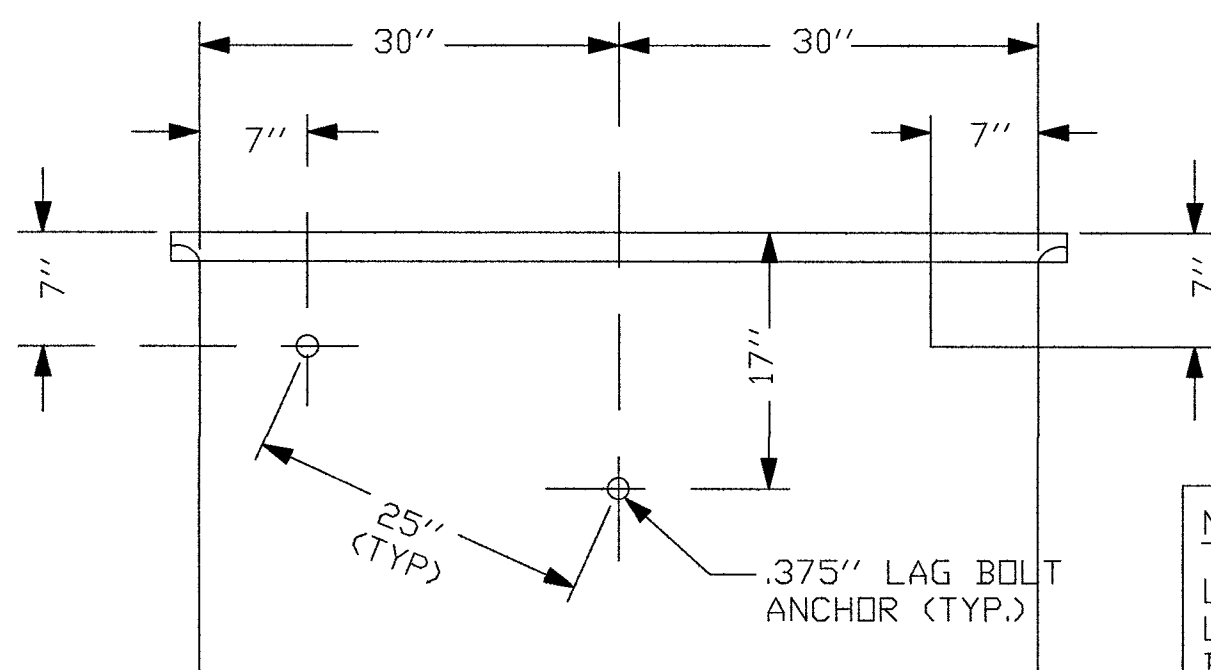
DETAIL "B"

VAULT BOTTOM PLAN VIEW



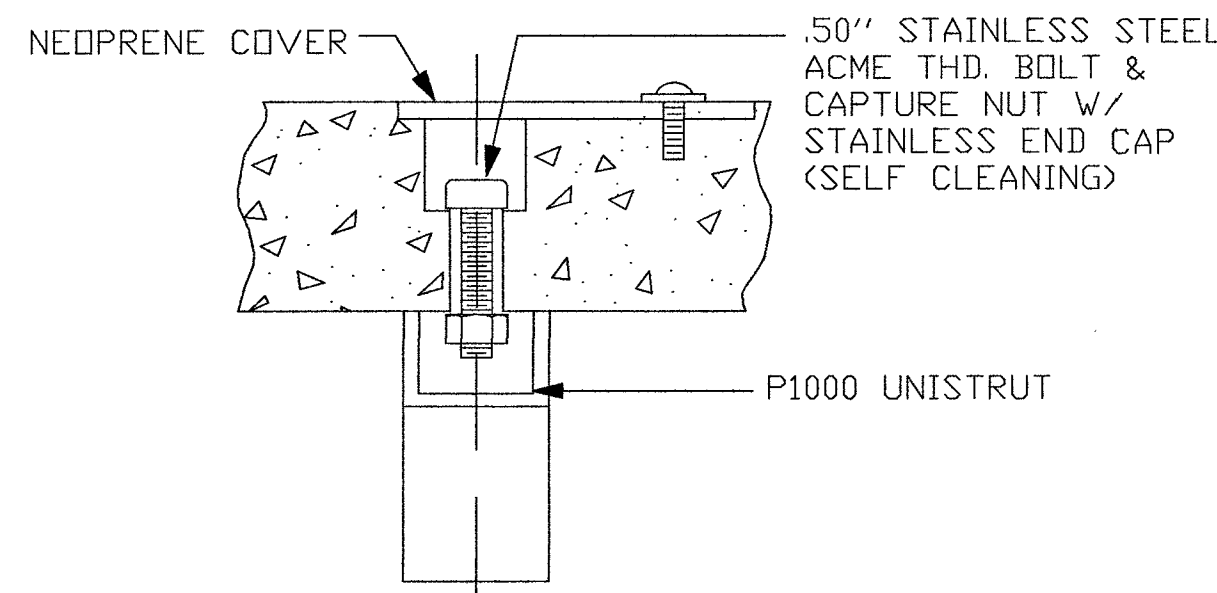
DETAIL "D"

SIDE WALL VIEW INSIDE LOOKING OUT



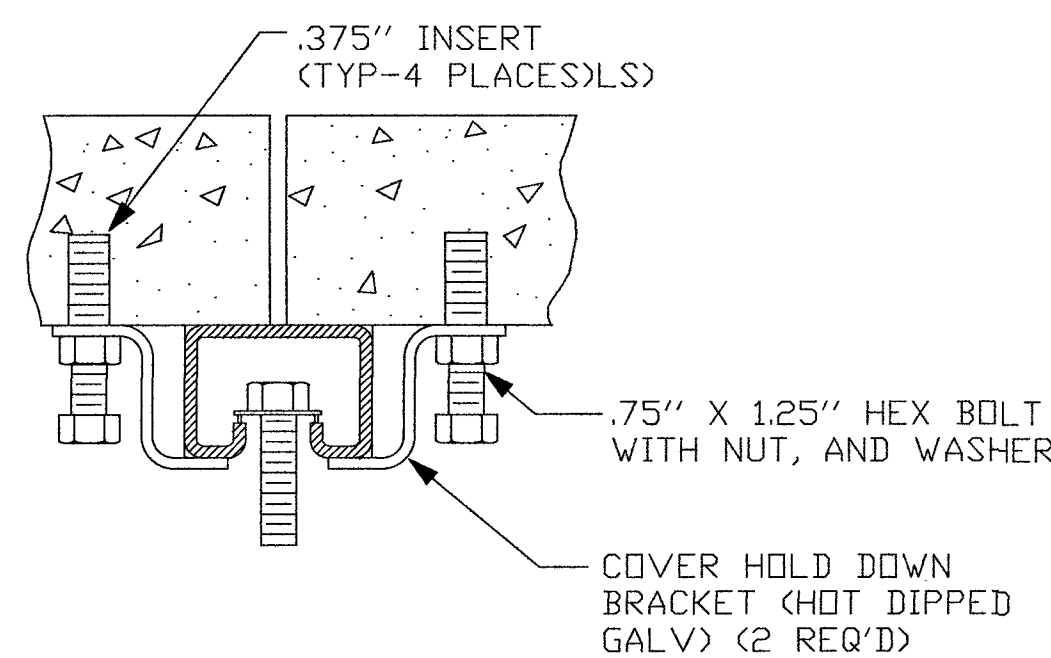
NOTE:
LINEAR DISTANCE BETWEEN LAG BOLT ANCHORS MUST BE 25".

DETAIL "A-2"
ENGAGED LOCK DOWN DEVICE



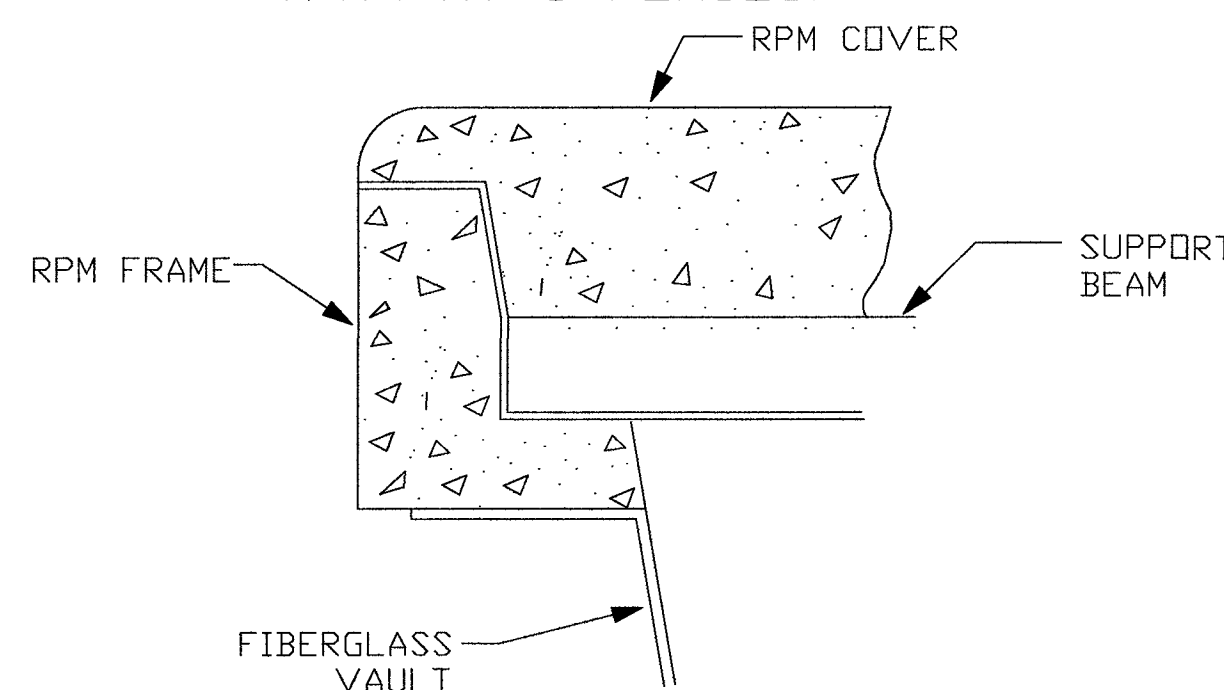
DETAIL "A-3"

COVER HOLD DOWN BRACKET OF 2-PIECE RPM COVER



DETAIL "A-4"

SUPPORT BEAM INSTALLATION (TYP. AT 6 PLACES)

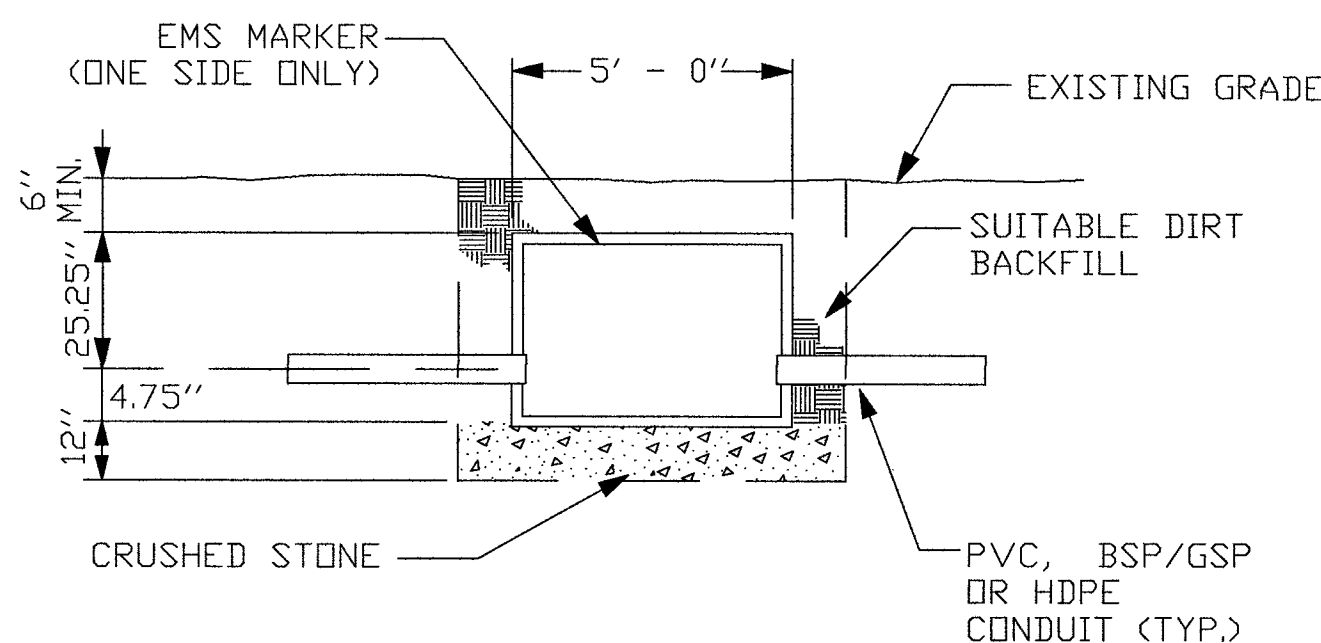
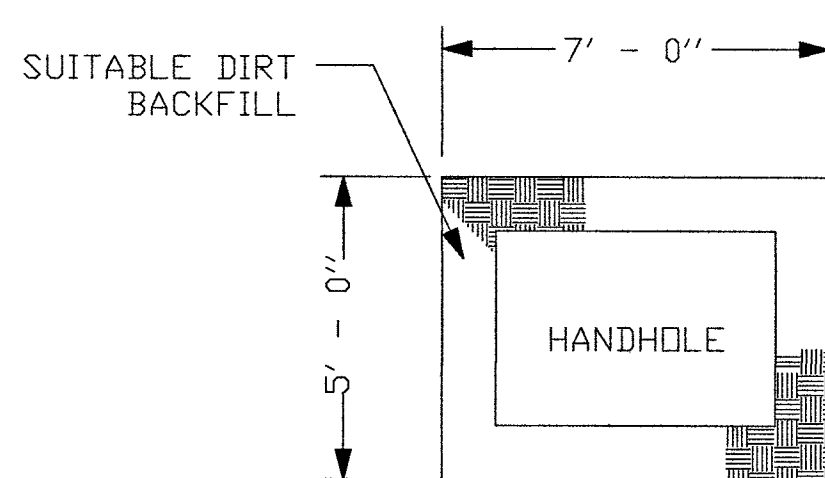


DETAIL "C"

EXCAVATION PIT

PLAN

PROFILE



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: 917052, 917053, 917054, 917055, 917056, 917057, 917058, 917059, 917060, 917061

CELL SITE: LSV LUKE 1,2,3 SC

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REVISIONS

DATE INITIAL

SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 6 OF 27

FILE: LSV LUKE 1,2,3 SC

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

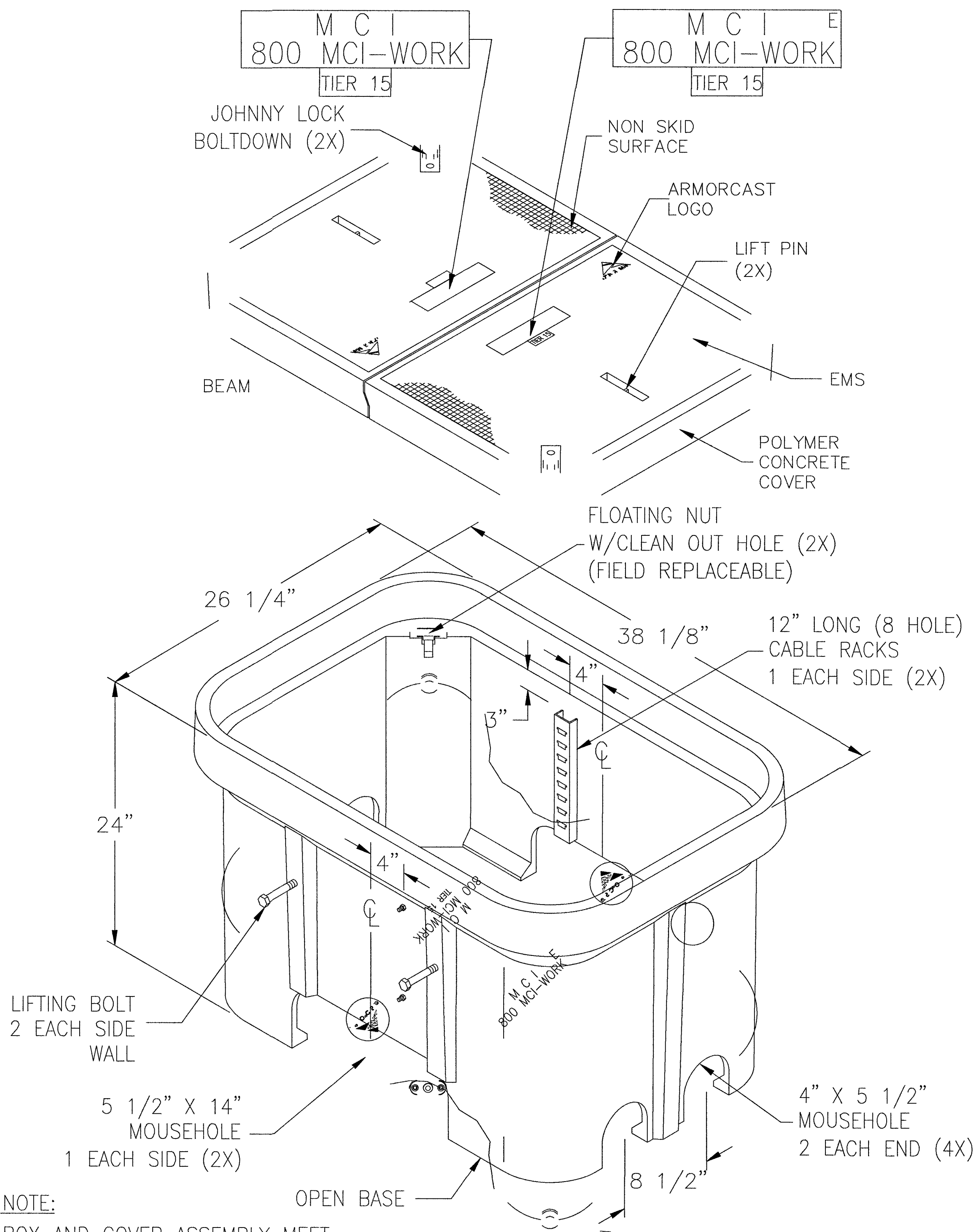
APPROV.
WS

DATE
6/17

MATERIAL
POLYMER CONCRETE

DRAWING NUMBER

A6001974TAPMC13

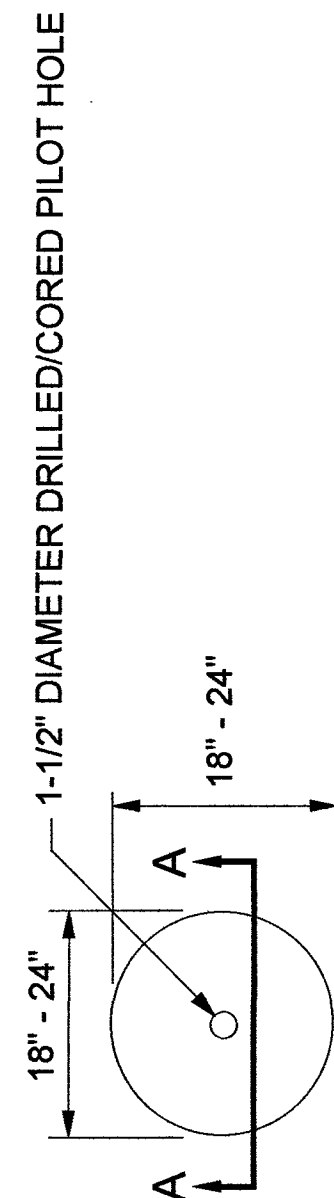


NOTE:
BOX AND COVER ASSEMBLY MEET
ANSI/SCTE 77 TIER 15 LOADING

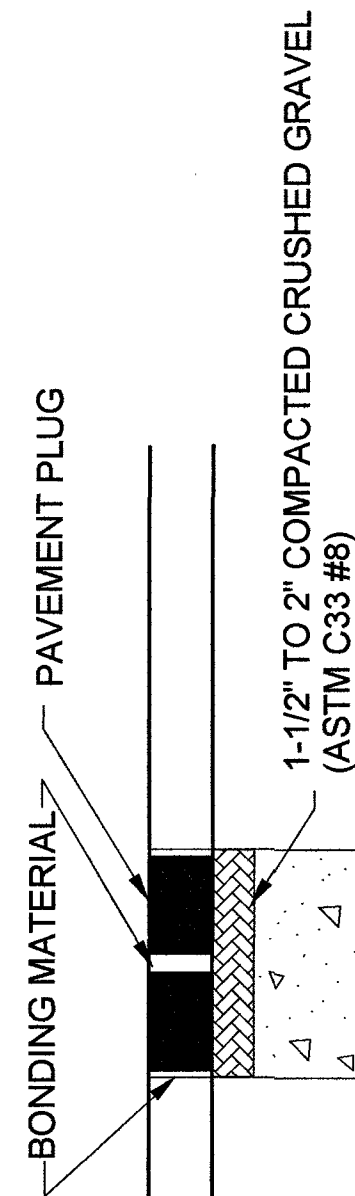
TYPE B - KEYHOLE REPAIR REQUIRED FOR ROW WIDTH GREATER THAN 60' OPTIONAL FOR ROW WIDTH 60' OR LESS

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 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.

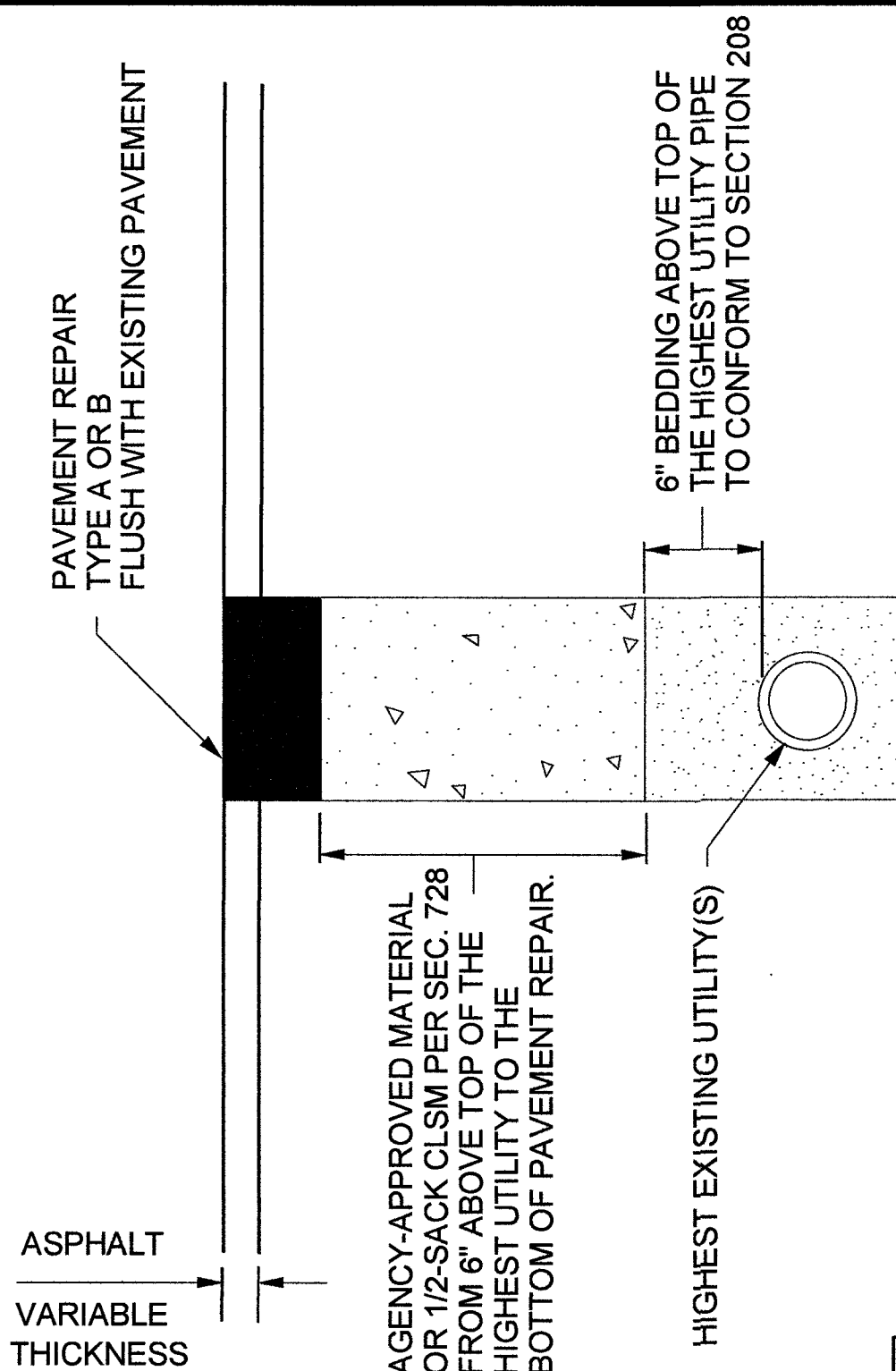


POT HOLE PLAN VIEW (NOMINAL DIMENSIONS)



POT HOLE PROFILE

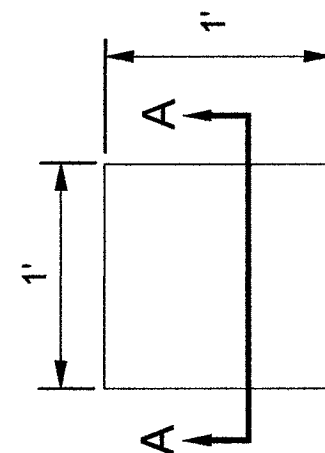
PAVEMENT REPAIR TYPE A OR B FLUSH WITH EXISTING PAVEMENT



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.



POT HOLE PLAN VIEW (NOMINAL DIMENSIONS)

TACK EDGES

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

POT HOLE PROFILE

AGENCY APPROVED B C H L M N

SPECIFICATION REFERENCE

215 KEYHOLE POT HOLE EXCAVATION
AND BACKFILL

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

UTILITY POT HOLE REPAIR

DATE 01-01-12 DWG. NO. 506



PROJECT: 917052, 917053, 917054,
917055, 917056, 917057,
917058, 917059, 917060,
917061

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REVISIONS

DATE INITIAL

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SCALE

HORIZONTAL: 1"=30'

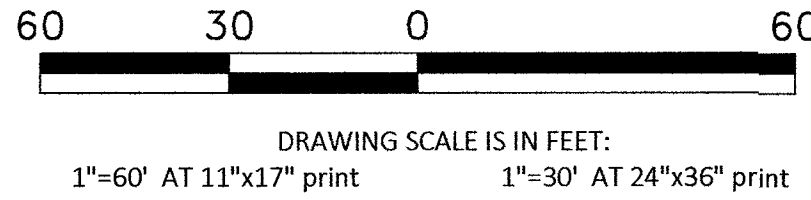
VERTICAL: NA

MP TO MP

SHEET 7 OF 27

FILE: LSV LUKE 1,2,3 SC

CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



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



PROJECT: 917052, 917053, 917054,
917055, 917056, 917057,
917058, 917059, 917060,
917061

CELL SITE: LSV LUKE 1,2,3 SC

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL

2" HDPE CONDUIT: 387'

2.5" HDPE CONDUIT: 43'

4" HDPE CONDUIT: -

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

2.5' x 5' x 2.5' HANDHOLE(S): 2

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

MANHOLE(S): -

AERIAL: -

VZW CONDUIT: -

3RD PARTY CONDUIT: 228'

TRENCH: 418'

TOTAL NEW UG FOOTAGE: 418'

TOTAL FOOTAGE: 646'

MCI
COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV LUKE 1,2,3 SC

DATE: 4/30/2019

DRAWN BY: ERAMSEY

REVISIONS

DATE INITIAL

SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 8 OF 27

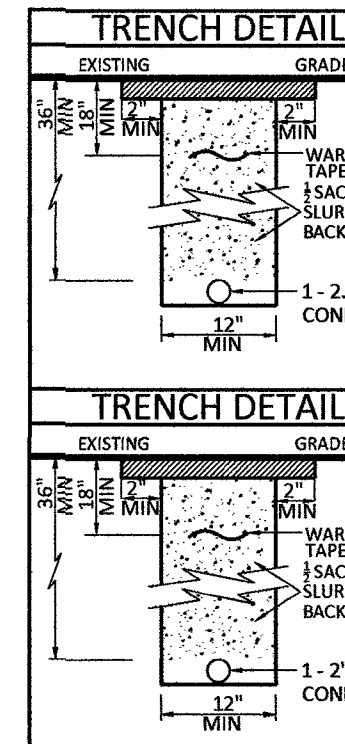
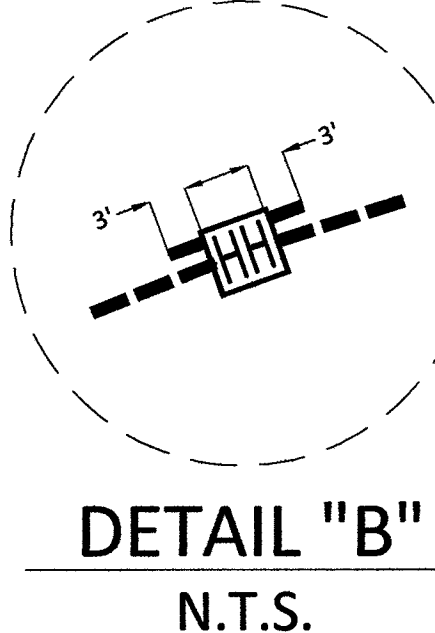
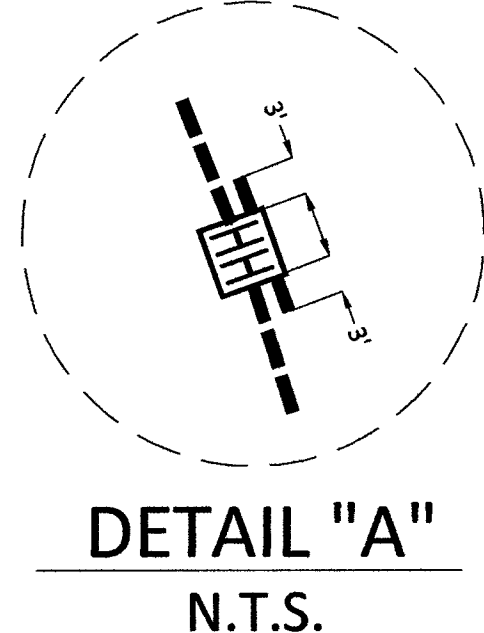
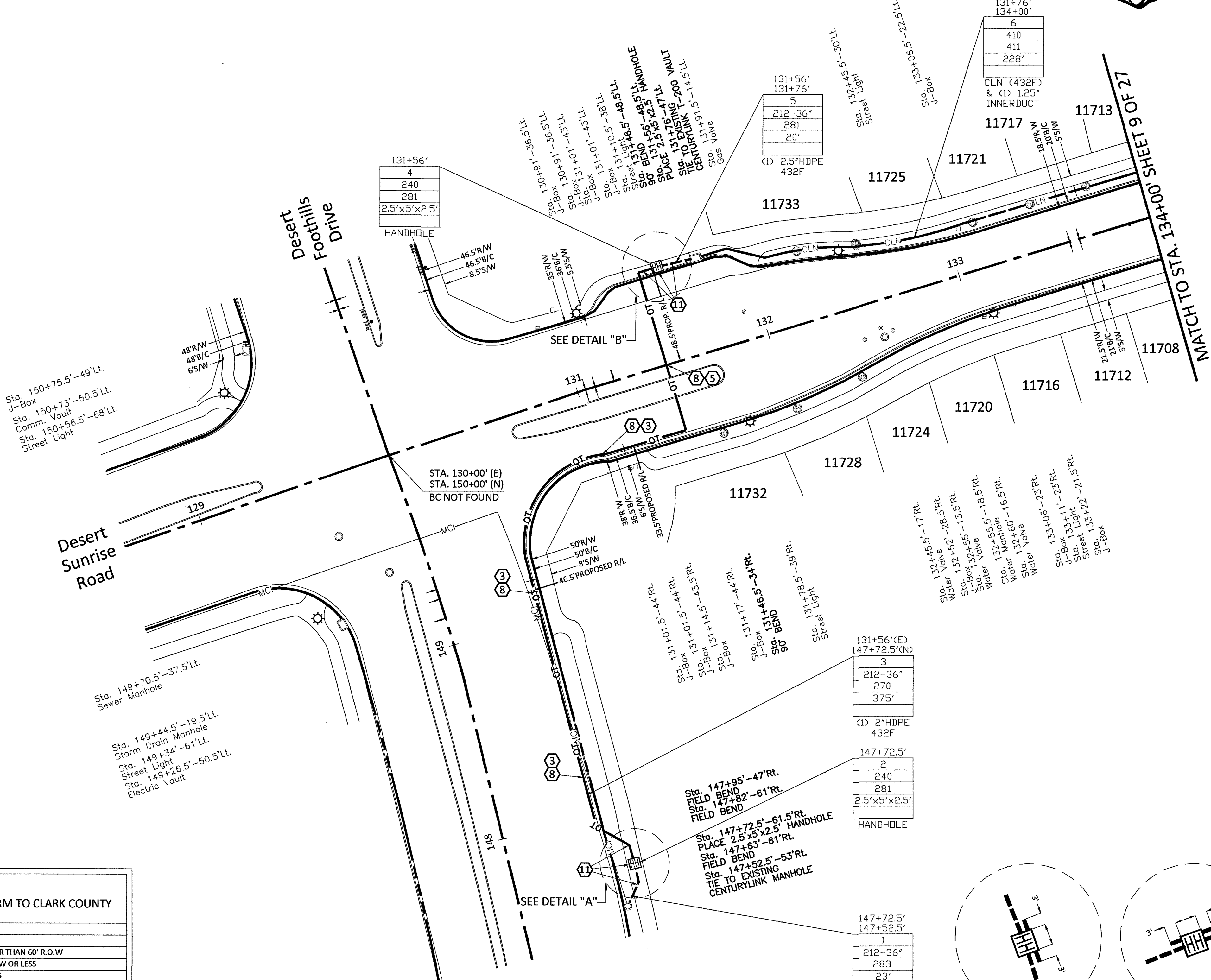
FILE: LSV LUKE 1,2,3 SC

- 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

RTC NOTES:

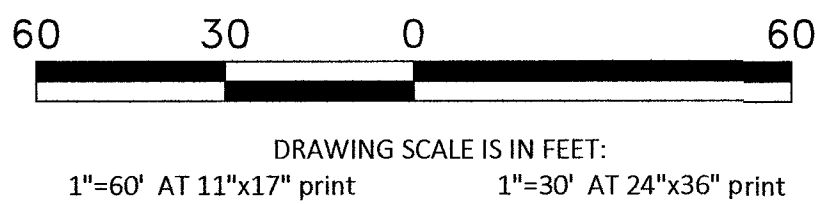
BACKFILL AND RIGHT OF WAY RESTORATION SHALL CONFORM TO CLARK COUNTY
UNIFORM STANDARD DRAWINGS

- (1) 500.1 0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
(2) 500.2 0 TO 5 YEARS PAVEMENT RESTORATION TRANSVERSE 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 TRANSVERSE 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.



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CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



Call at least two full working days
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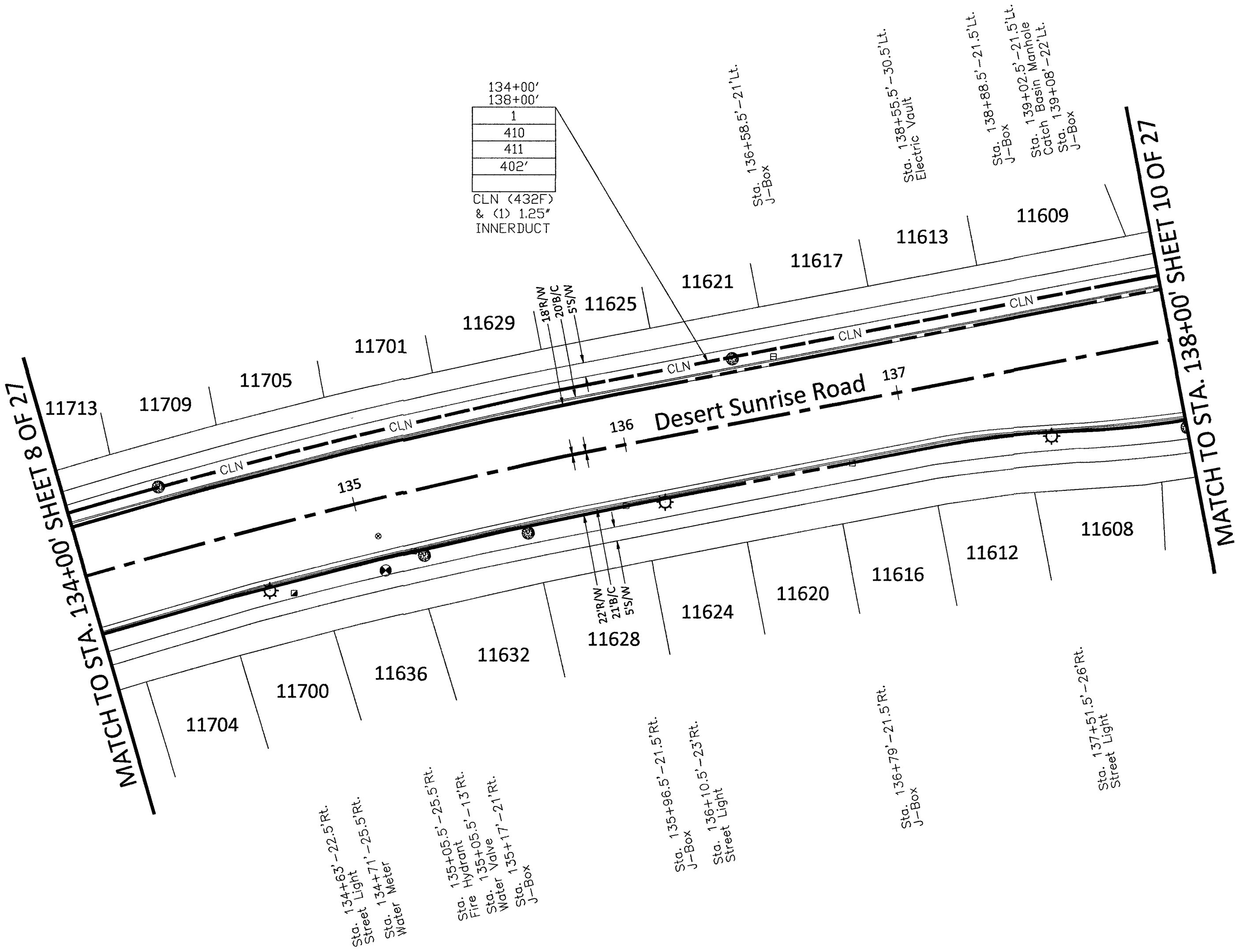
PROJECT: 917052, 917053, 917054,
917055, 917056, 917057,
917058, 917059, 917060,
917061

CELL SITE: LSV LUKE 1,2,3 SC

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL	
2" HDPE CONDUIT:	-
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	-
4' x 5' x 4' HANDHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	402'
TRENCH:	-
TOTAL NEW UG FOOTAGE:	-
TOTAL FOOTAGE:	402'



- 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

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.	

MCI COMMUNICATIONS SERVICES, INC. OUTSIDE PLANT CONSTRUCTION TITLE: CELL SITE: LSV LUKE 1,2,3 SC

DATE: 4/30/2019

DRAWN BY: ERAMSEY

REVISIONS

DATE	INITIAL

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SCALE

HORIZONTAL: 1"=30'

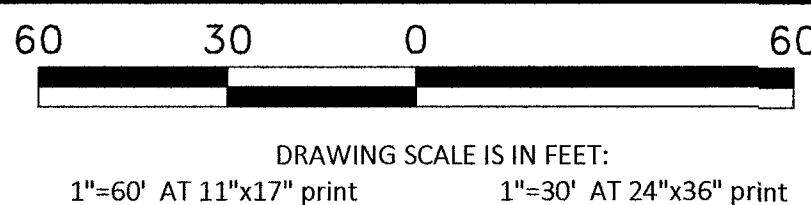
VERTICAL: NA

MP TO MP

SHEET 9 OF 27

FILE: LSV LUKE 1,2,3 SC

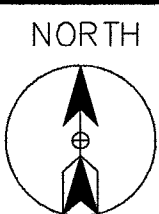
CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



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



PROJECT: 917052, 917053, 917054,
917055, 917056, 917057,
917058, 917059, 917060,
917061

CELL SITE: LSV LUKE 1,2,3 SC

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL	
2" HDPE CONDUIT:	6'
2.5" HDPE CONDUIT:	20'
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	1
4' x 5' x 4' HANDHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	614'
TRENCH:	20'
TOTAL NEW UG FOOTAGE:	884'
TOTAL FOOTAGE:	

MCI
COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV LUKE 1,2,3 SC

DATE: 4/30/2019

DRAWN BY: ERAMSEY

REVISIONS

DATE	INITIAL

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 10 OF 27

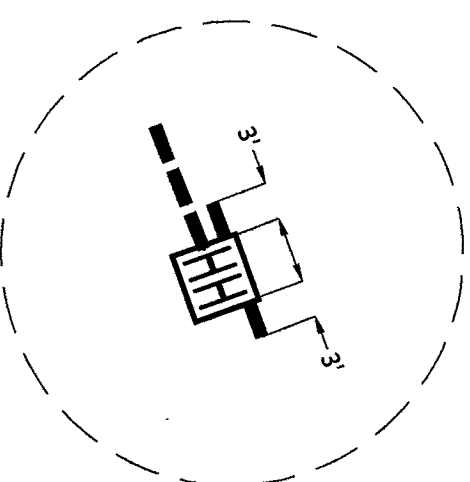
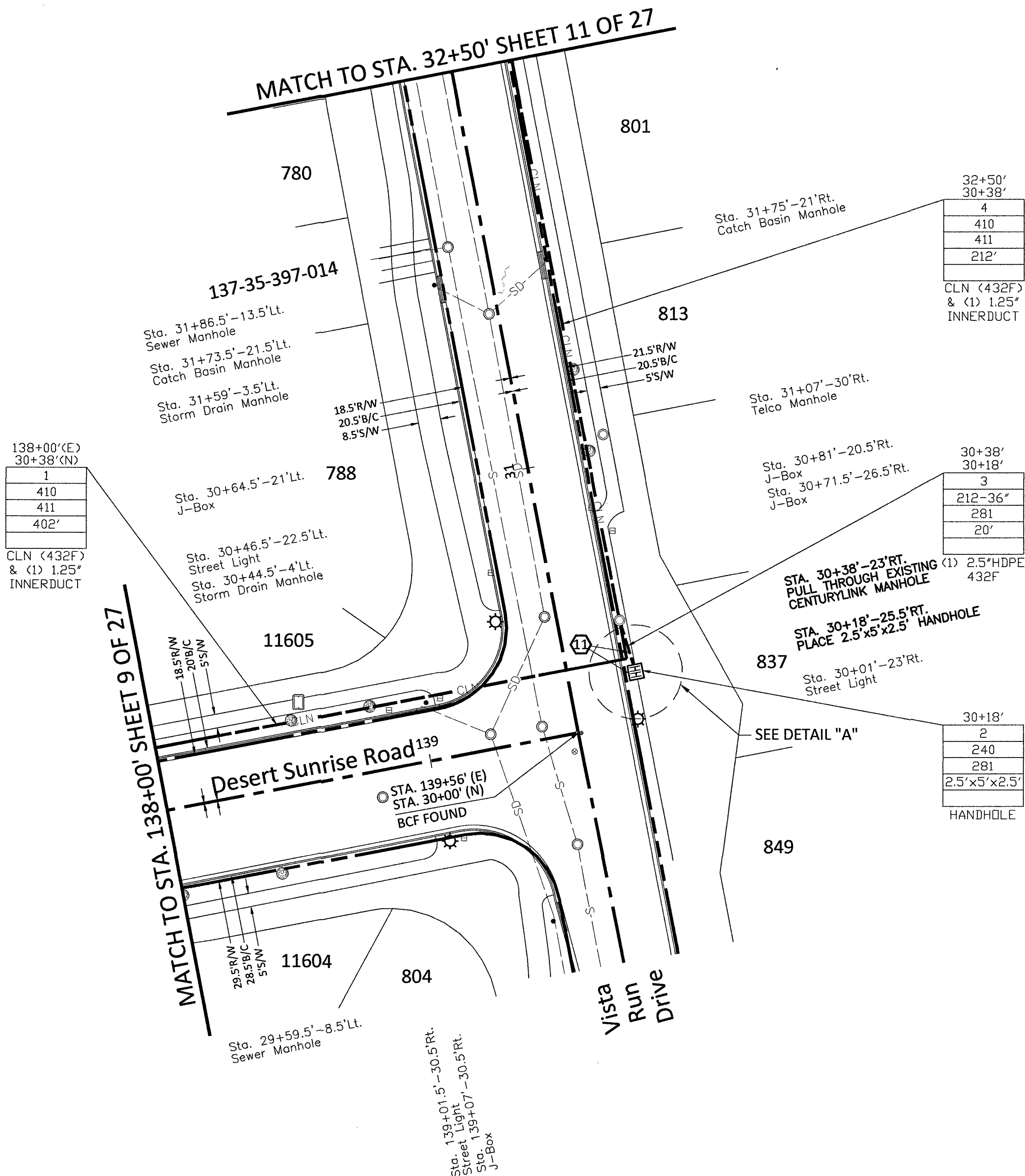
FILE: LSV LUKE 1,2,3 SC

- 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

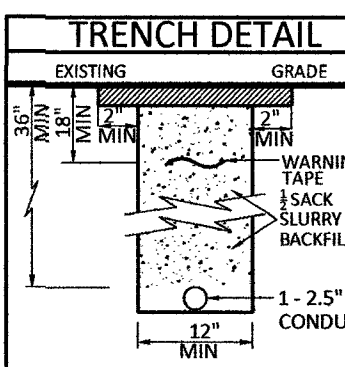
RTC NOTES:

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

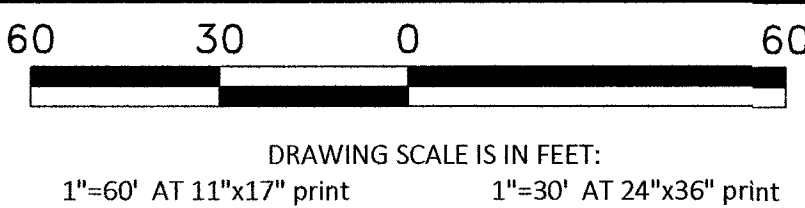
- (1) 500.1 0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
(2) 500.2 0 TO 5 YEARS PAVEMENT RESTORATION TRAVERSE CUT
(3) 500.3 OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, GREATER THAN 60' R.O.W
(4) 500.4 OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, 60' R.O.W OR LESS
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(10) 503.2 METHOD A FOR RIGID PIPE TRENCH BACKFILL - PAVED AREAS
(11) 234 SIDEWALK
(12) BACKFILL IN UNPAVED AREA AS REQUIRED BY LOCAL CODE OR AS APPROVED BY AGENCY.



DETAIL "A"
N.T.S.



CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



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

PROJECT: 917052, 917053, 917054,
917055, 917056, 917057,
917058, 917059, 917060,
917061

CELL SITE: LSV LUKE 1,2,3 SC

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL

2" HDPE CONDUIT: -

4" HDPE CONDUIT: -

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

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

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

MANHOLE(S): -

AERIAL: -

VZW CONDUIT: -

3RD PARTY CONDUIT: 450'

TRENCH: -

TOTAL NEW UG FOOTAGE: -

TOTAL FOOTAGE: 450'

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV LUKE 1,2,3 SC

DATE: 4/30/2019

DRAWN BY: ERAMSEY

REVISIONS

DATE INITIAL

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 11 OF 27

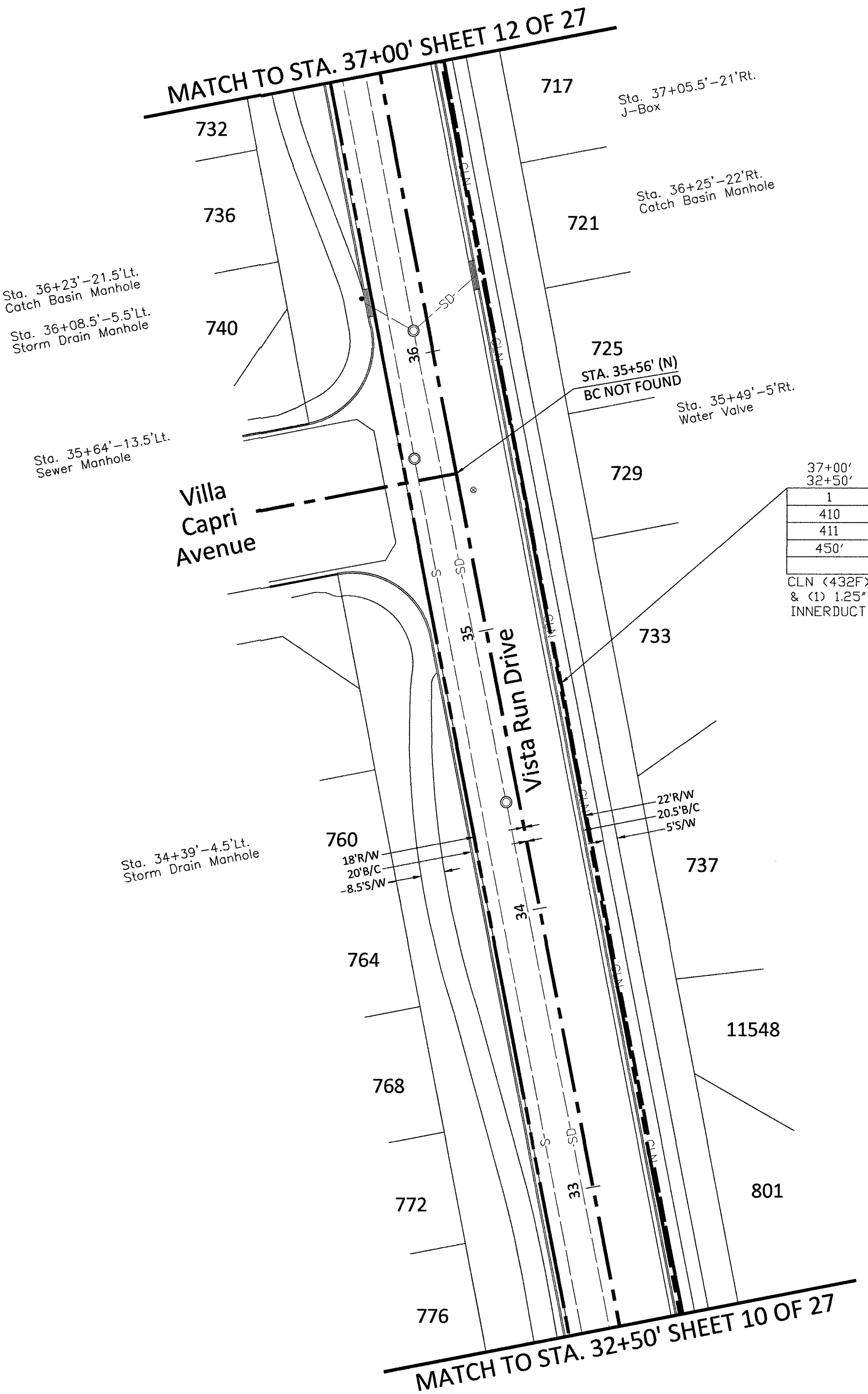
FILE: LSV LUKE 1,2,3 SC

- 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

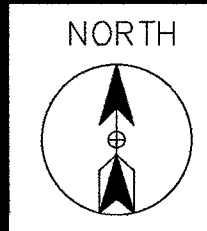
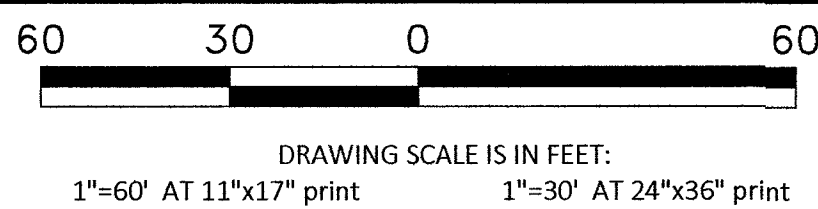
RTC NOTES:

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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(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
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(8) 503 METHOD B FOR RIGID AND FLEXIBLE PIPE TRENCH BACKFILL - PAVED AREAS
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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.



CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



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



PROJECT: 917052, 917053, 917054,
917055, 917056, 917057,
917058, 917059, 917060,
917061

CELL SITE: LSV LUKE 1,2,3 SC
CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	6'
2.5" HDPE CONDUIT:	21'
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	1
4' x 5' x 4' HANDHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	451'
TRENCH:	21'
TOTAL NEW UG FOOTAGE:	21'
TOTAL FOOTAGE:	472'

MCI
COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION
TITLE: CELL SITE: LSV LUKE 1,2,3 SC

DATE: 4/30/2019
DRAWN BY: ERAMSEY

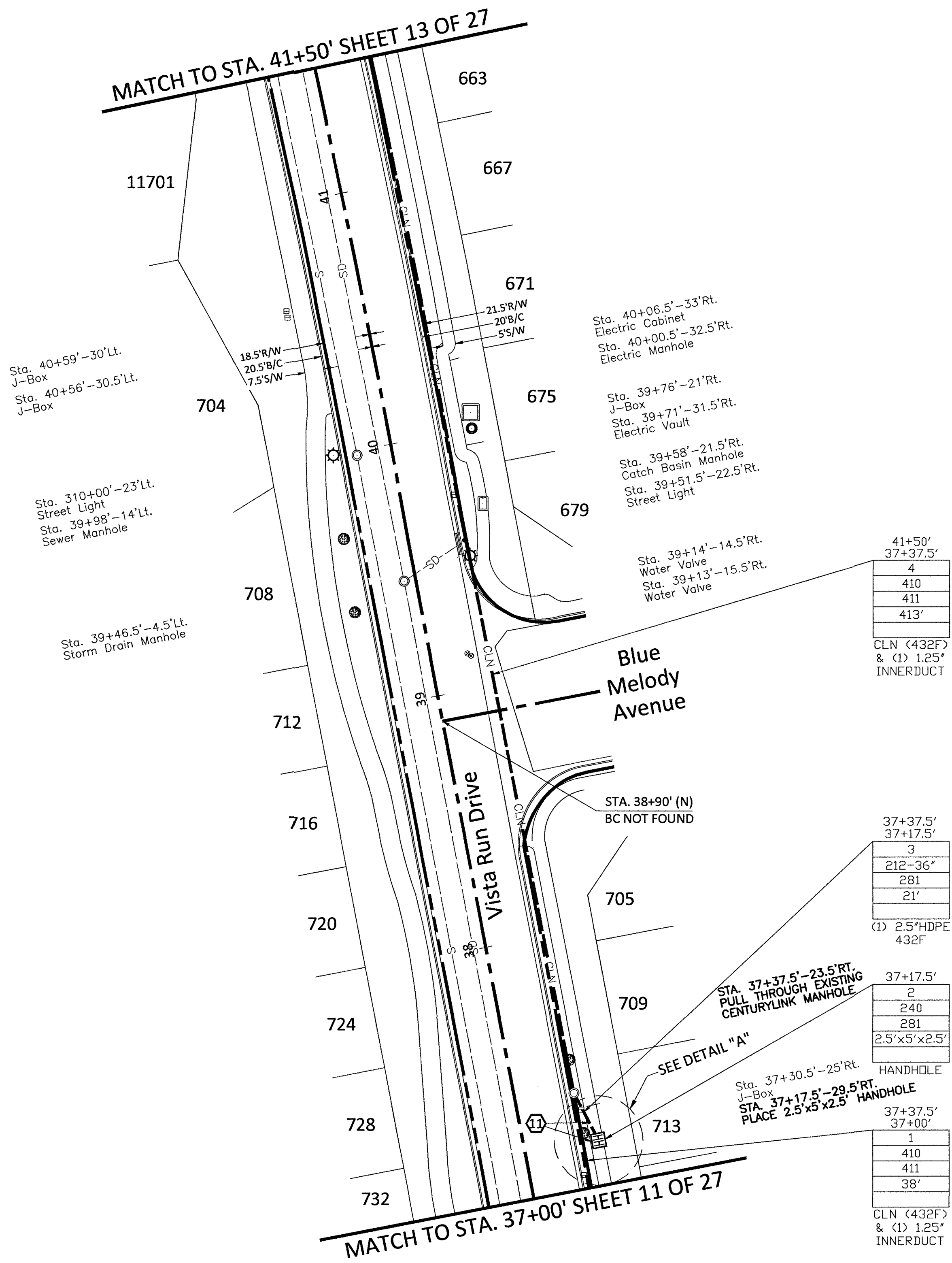
REVISIONS	
DATE	INITIAL

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SCALE	
HORIZONTAL:	1"=30'
VERTICAL:	NA
MP	TO MP
SHEET	12 OF 27
FILE:	LSV LUKE 1,2,3 SC

- 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

RTC NOTES:	
BACKFILL AND RIGHT OF WAY RESTORATION SHALL CONFORM TO CLARK COUNTY UNIFORM STANDARD DRAWINGS	
(1)	500.1 0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
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(11)	234 SIDEWALK
(12)	BACKFILL IN UNPAVED AREA AS REQUIRED BY LOCAL CODE OR AS APPROVED BY AGENCY.

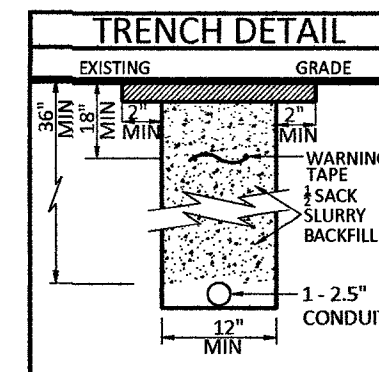
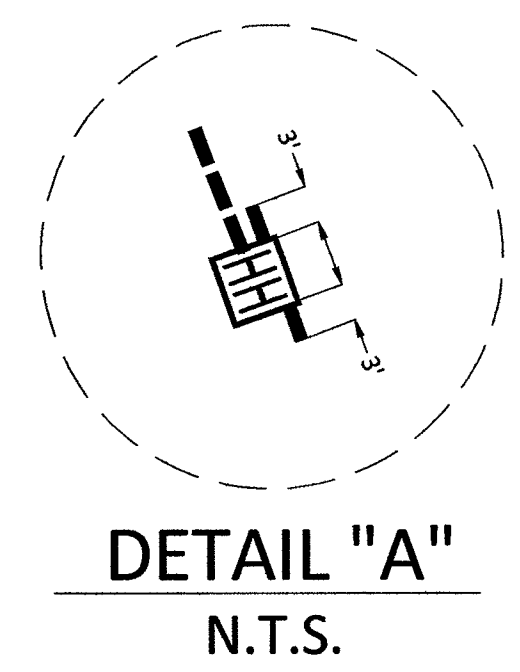


41+50'
37+37.5'
4
410
411
413'
CLN (432F)
& (1) 1.25'
INNERDUCT

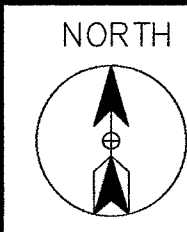
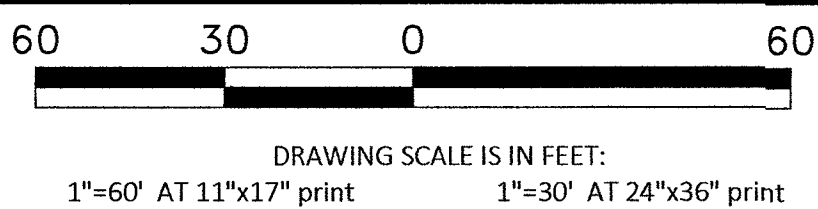
37+37.5'
37+17.5'
3
212-36'
281
21'
(1) 2.5" HDPE
432F

37+17.5'
2
240
281
2.5' x 5' x 2.5'

37+37.5'
37+00'
1
410
411
38'
CLN (432F)
& (1) 1.25'
INNERDUCT



CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



Call at least two full working days
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Know what's below.
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PROJECT: 917052, 917053, 917054,
917055, 917056, 917057,
917058, 917059, 917060,
917061

CELL SITE: LSV LUKE 1,2,3 SC

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL	
2" HDPE CONDUIT:	6'
2.5" HDPE CONDUIT:	20'
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	1
4' x 5' x 4' HANDHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	351'
TRENCH:	20'
TOTAL NEW UG FOOTAGE:	20'
TOTAL FOOTAGE:	371'

MCI
COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV LUKE 1,2,3 SC

DATE: 4/30/2019

DRAWN BY: ERAMSEY

REVISIONS	
DATE	INITIAL

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

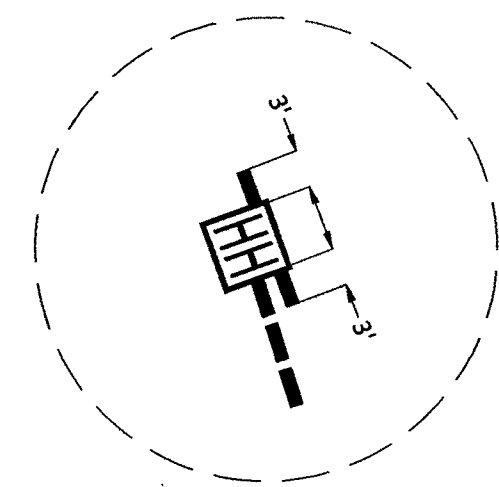
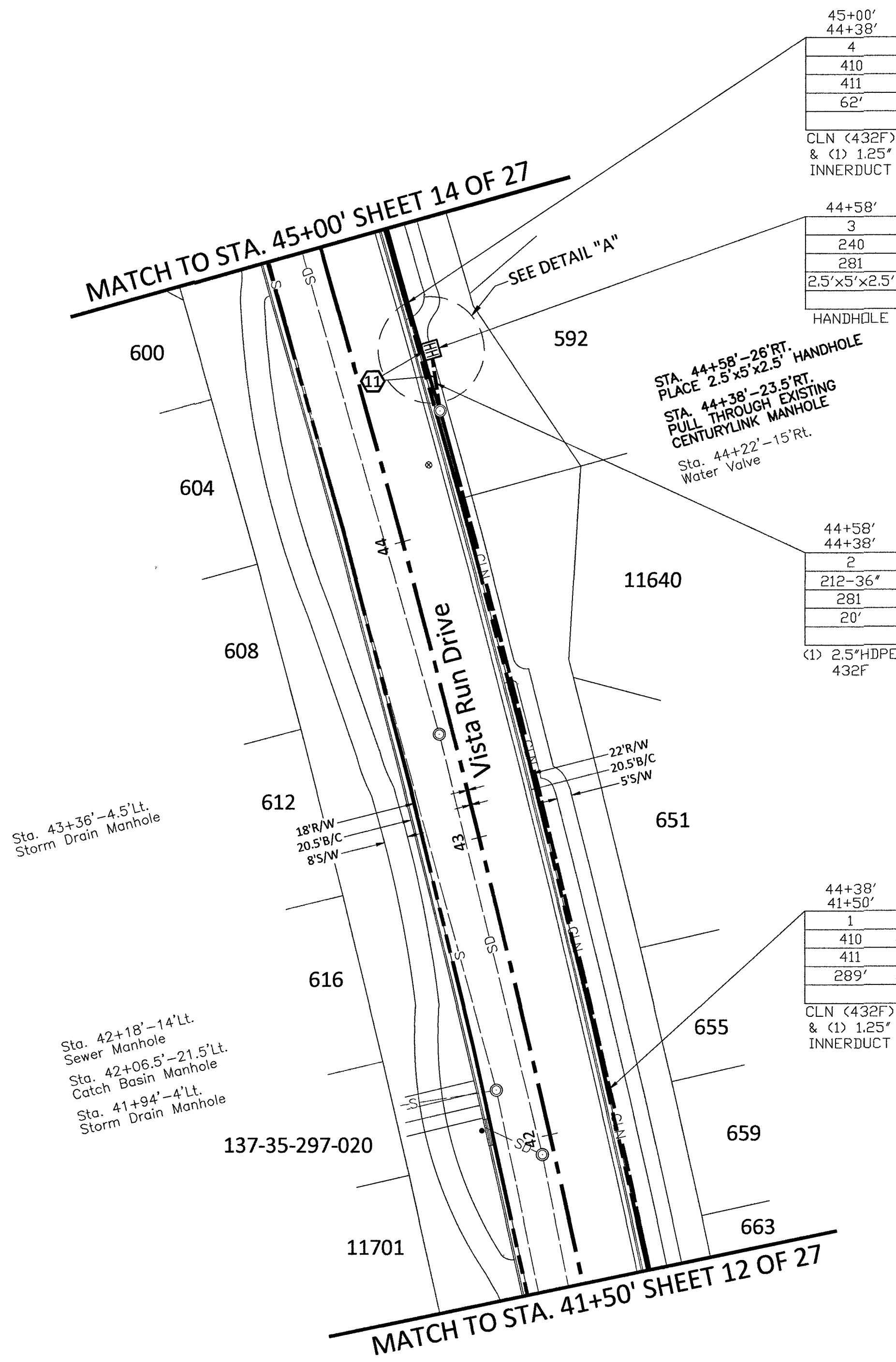
MP TO MP

SHEET 13 OF 27

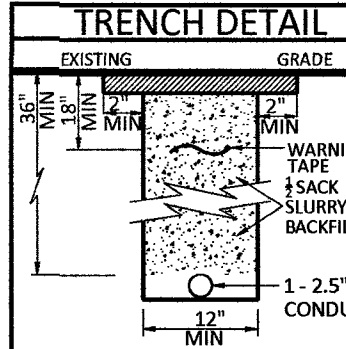
FILE: LSV LUKE 1,2,3 SC

- 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

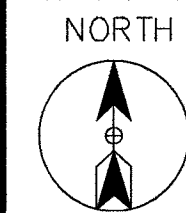
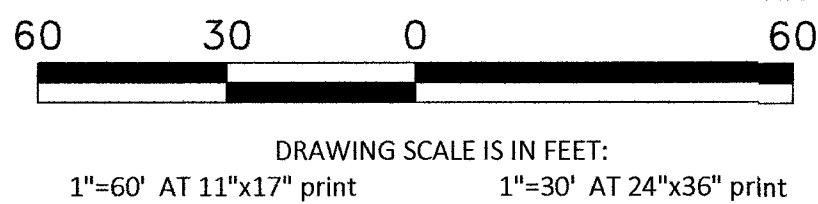
RTC NOTES:	
BACKFILL AND RIGHT OF WAY RESTORATION SHALL CONFORM TO CLARK COUNTY UNIFORM STANDARD DRAWINGS	
(1) 500.1	0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
(2) 500.2	0 TO 5 YEARS PAVEMENT RESTORATION TRAVERSE CUT
(3) 500.3	OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, GREATER THAN 60'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



DETAIL "A"
N.T.S.



CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



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



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

PROJECT: 917052, 917053, 917054,
917055, 917056, 917057,
917058, 917059, 917060,
917061

CELL SITE: LSV LUKE 1,2,3 SC

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL	
2" HDPE CONDUIT:	-
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	-
4' x 5' x 4' HANDHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	352'
TRENCH:	-
TOTAL NEW UG FOOTAGE:	-
TOTAL FOOTAGE:	352'

MCI
COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV LUKE 1,2,3 SC

DATE: 4/30/2019

DRAWN BY: ERAMSEY

REVISIONS

DATE	INITIAL

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

SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 14 OF 27

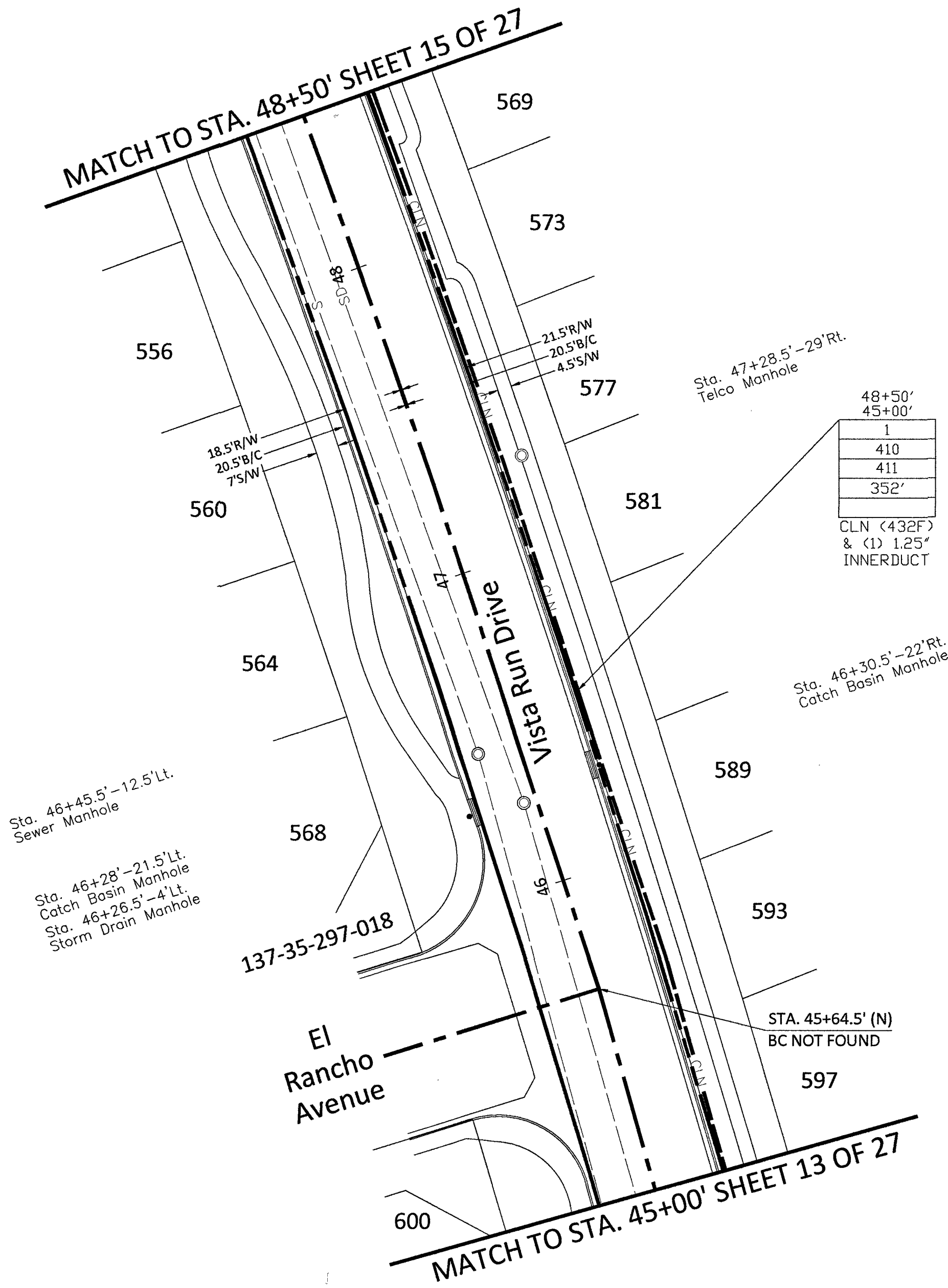
FILE: LSV LUKE 1,2,3 SC

- 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

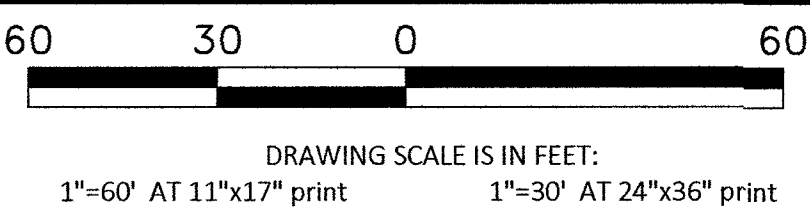
RTC NOTES:

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

- (1) 500.1 0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
(2) 500.2 0 TO 5 YEARS PAVEMENT RESTORATION TRAVERSE CUT
(3) 500.3 OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, GREATER THAN 60' R.O.W
(4) 500.4 OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, 60' R.O.W OR LESS
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(6) 501 TYPICAL UNDERGROUND UTILITY LOCATIONS IN RESIDENTIAL STREETS 60' OR LESS R.O.W
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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.



CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



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



PROJECT: 917052, 917053, 917054,
917055, 917056, 917057,
917058, 917059, 917060,
917061

CELL SITE: LSV LUKE 1,2,3 SC

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL	
2" HDPE CONDUIT:	6'
2.5" HDPE CONDUIT:	16'
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	1
4' x 5' x 4' HANDHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	301'
TRENCH:	16'
TOTAL NEW UG FOOTAGE:	16'
TOTAL FOOTAGE:	317'

MCI
COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION
TITLE: CELL SITE: LSV LUKE 1,2,3 SC

DATE: 4/30/2019

DRAWN BY: ERAMSEY

REVISIONS

DATE	INITIAL

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 15 OF 27

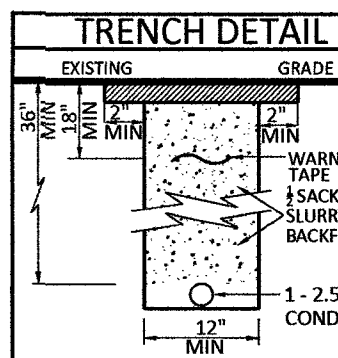
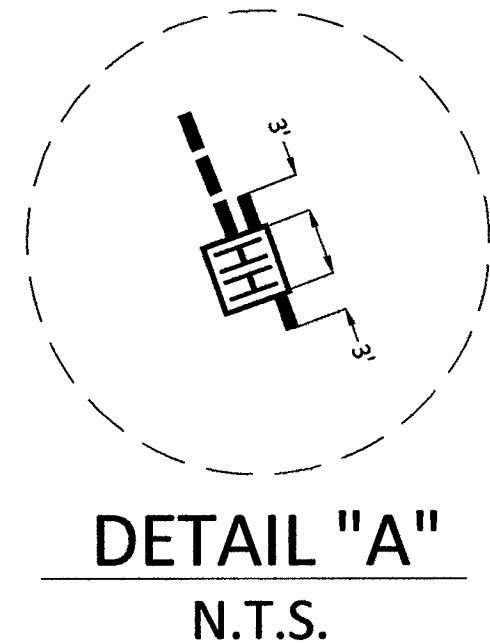
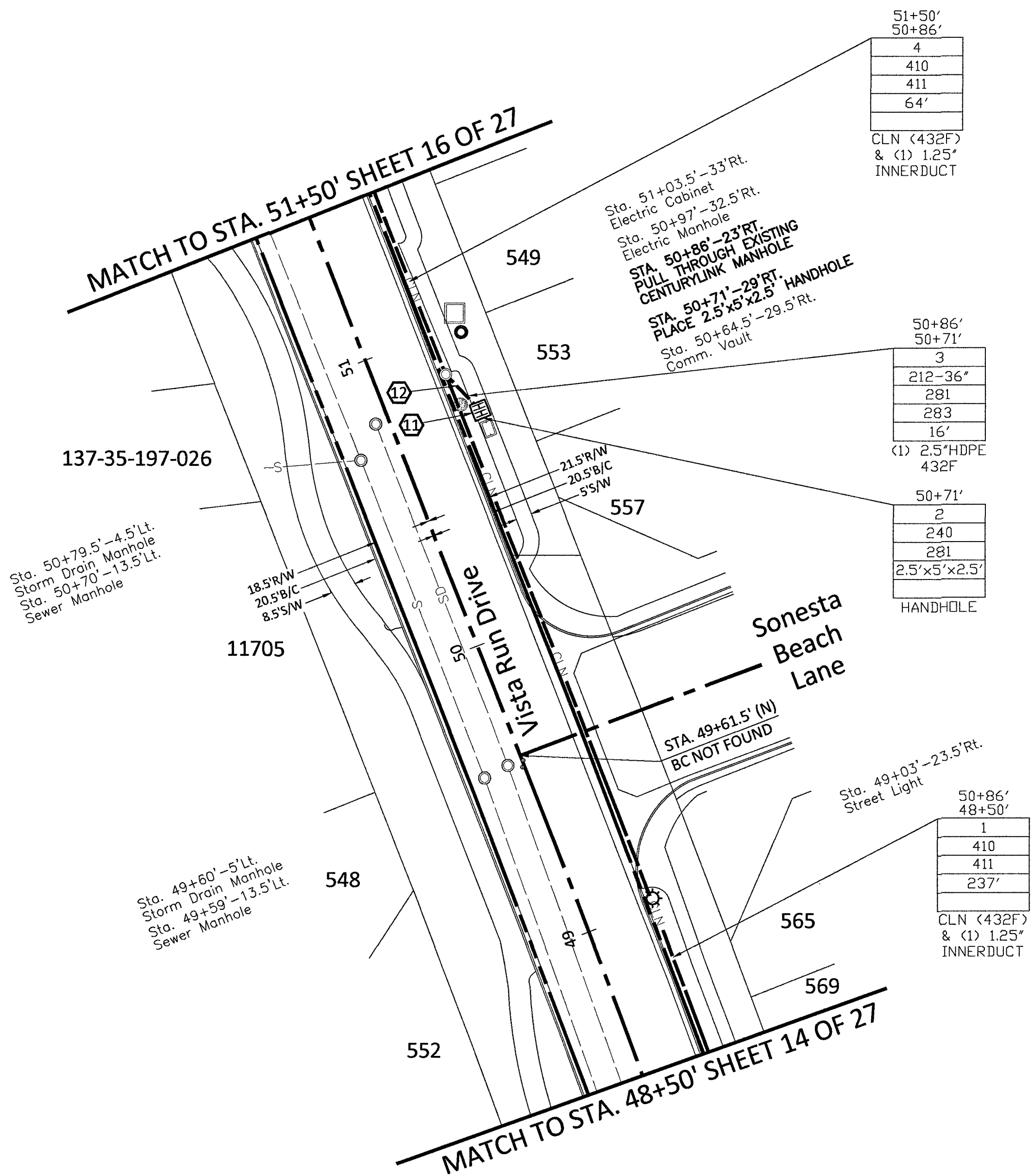
FILE: LSV LUKE 1,2,3 SC

- 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

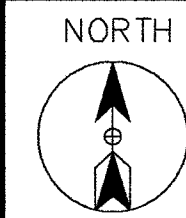
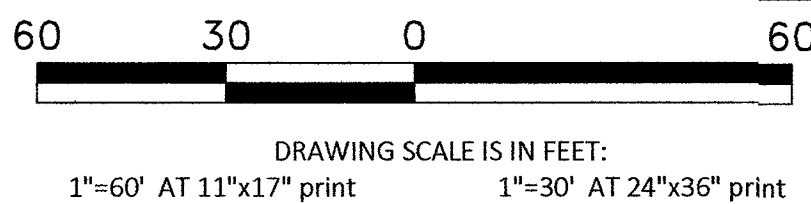
RTC NOTES:

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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.



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: 917052, 917053, 917054,
917055, 917056, 917057,
917058, 917059, 917060,
917061

CELL SITE: LSV LUKE 1,2,3 SC

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL

2" HDPE CONDUIT: -

4" HDPE CONDUIT: -

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

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

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

MANHOLE(S): -

AERIAL: -

VZW CONDUIT: -

3RD PARTY CONDUIT: 397'

TRENCH: -

TOTAL NEW UG FOOTAGE: -

TOTAL FOOTAGE: 397'

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV LUKE 1,2,3 SC

DATE: 4/30/2019

DRAWN BY: ERAMSEY

REVISIONS

DATE INITIAL

EXCEPT AS MAY BE OTHERWISE PROVIDED BY
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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 16 OF 27

FILE: LSV LUKE 1,2,3 SC

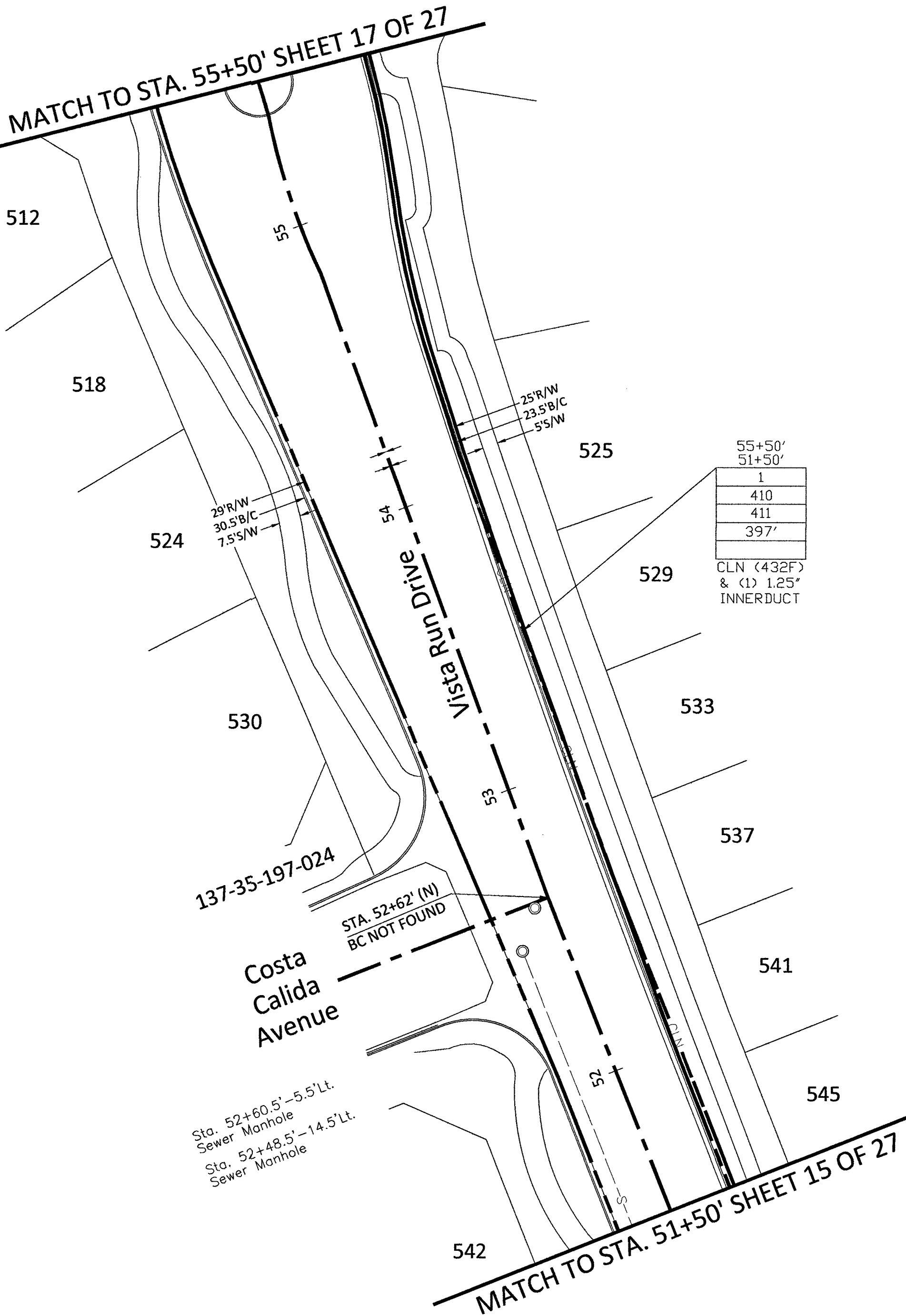
- 210 PLACE CONDUIT
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240 PLACE HANDHOLE
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280 REMOVE AND RESTORE CONCRETE
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411 PULL THROUGH DUCT (INNERDUCT)
520 PLACE AERIAL CABLE
630 DIRECTIONAL BORE

RTC NOTES:

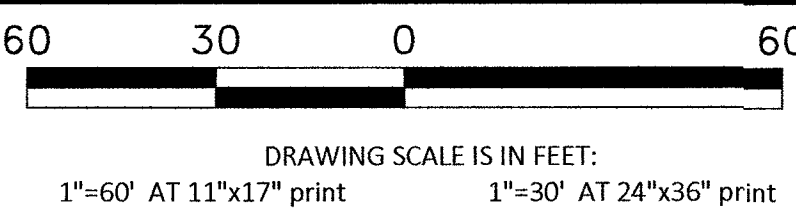
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(10) 503.2 METHOD A FOR RIGID PIPE TRENCH BACKFILL - PAVED AREAS
(11) 234 SIDEWALK
(12) BACKFILL IN UNPAVED AREA AS REQUIRED BY LOCAL CODE OR AS APPROVED BY AGENCY.

MATCH TO STA. 55+50' SHEET 17 OF 27



CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



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



PROJECT: 917052, 917053, 917054,
917055, 917056, 917057,
917058, 917059, 917060,
917061

CELL SITE: LSV LUKE 1,2,3 SC

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL	
2" HDPE CONDUIT:	6'
2.5" HDPE CONDUIT:	20'
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	1
4' x 5' x 4' HANDHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	1,041'
TRENCH:	20'
TOTAL NEW UG FOOTAGE:	20'
TOTAL FOOTAGE:	1,061'

MCI
COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION
TITLE: CELL SITE: LSV LUKE 1,2,3 SC

DATE: 4/30/2019

DRAWN BY: ERAMSEY

REVISIONS

DATE	INITIAL

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 17 OF 27

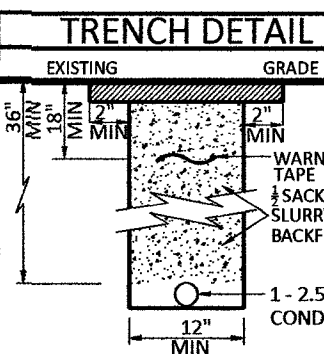
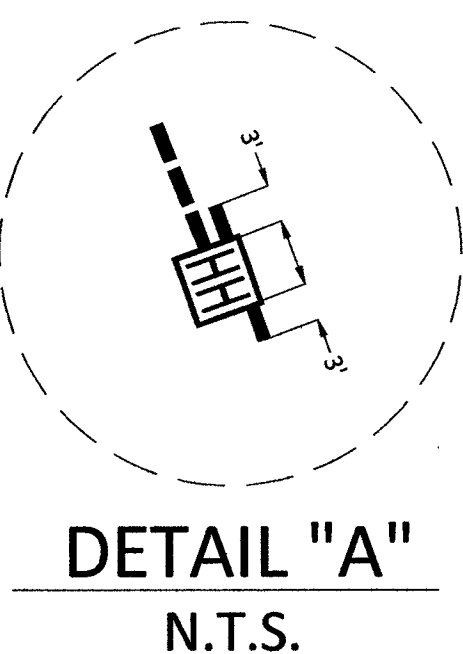
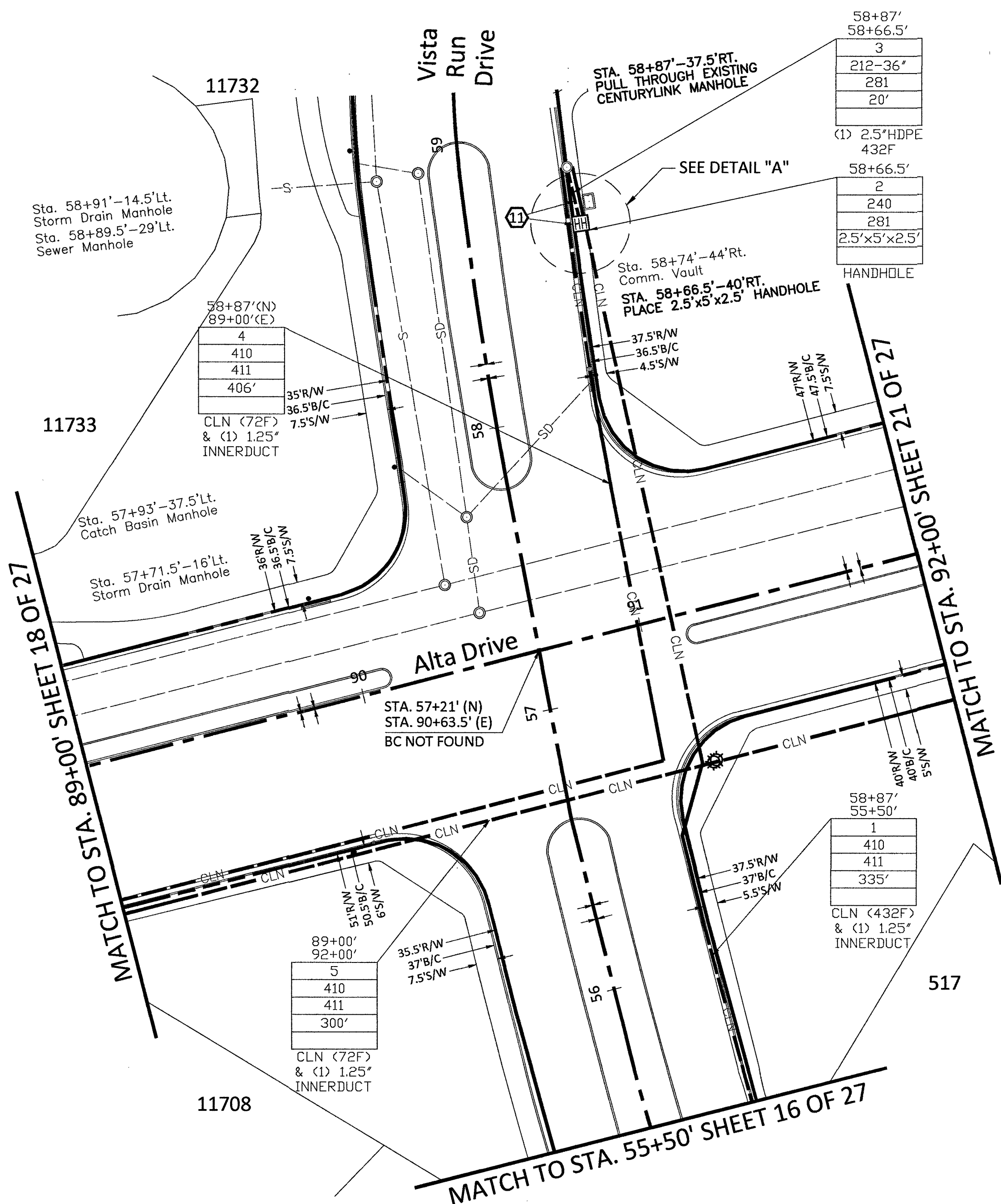
FILE: LSV LUKE 1,2,3 SC

- 210 PLACE CONDUIT
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283 REMOVE AND RESTORE DIRT/LANDSCAPING
410 PULL CABLE
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520 PLACE AERIAL CABLE
630 DIRECTIONAL BORE

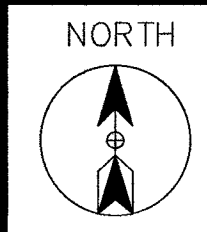
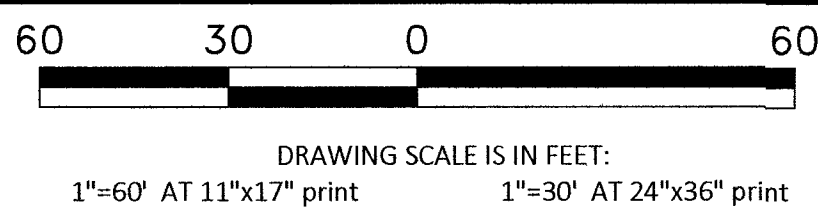
RTC NOTES:

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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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(12) 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
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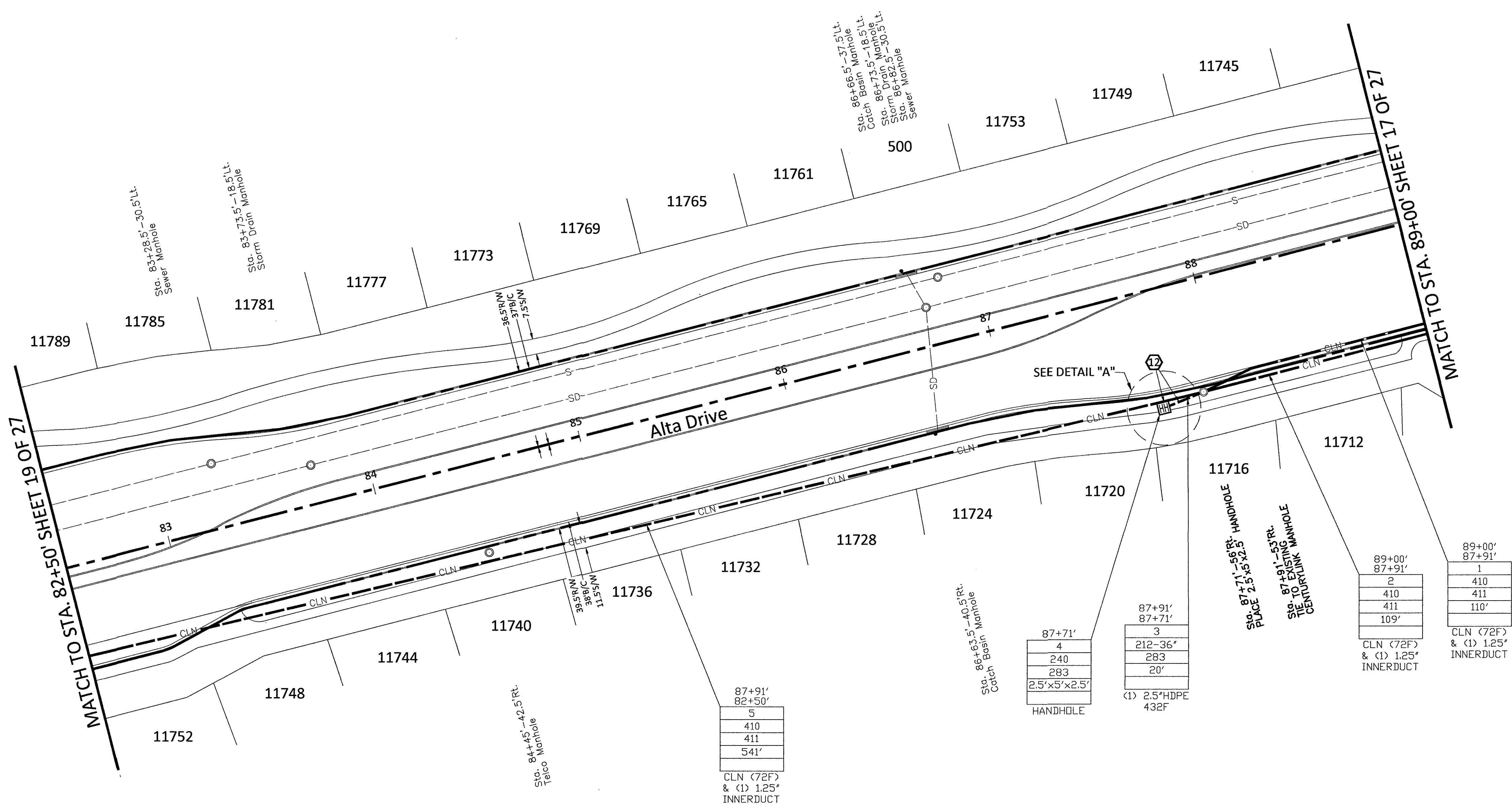
811 Know what's below.
Call 811 before you dig.

PROJECT: 917052, 917053, 917054, 917055, 917056, 917057, 917058, 917059, 917060, 917061

CELL SITE: LSV LUKE 1,2,3 SC

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	6'
2.5" HDPE CONDUIT:	20'
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	
2.5' x 5' x 2.5' HANDHOLE(S):	1
4' x 5' x 4' HANDHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	760'
TRENCH:	20'
TOTAL NEW UG FOOTAGE:	20'
TOTAL FOOTAGE:	780'



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

RTC NOTES:

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(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
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(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.

87+71'
87+71'

4
240
283
20'

HANDHOLE

(1) 2.5" HDPE 432F

89+00'
87+91'

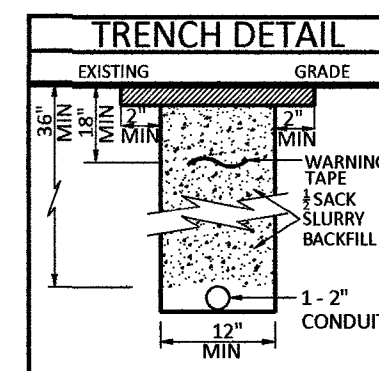
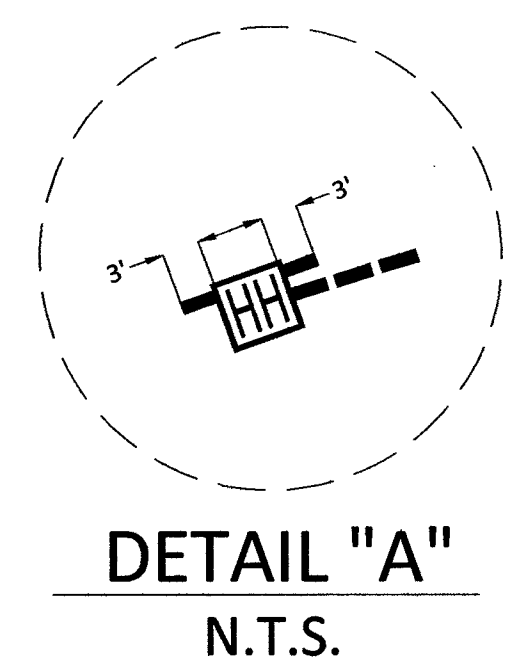
2
410
411
109'

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

89+00'
87+91'

1
410
411
110'

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



MCI COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV LUKE 1,2,3 SC

DATE: 4/30/2019

DRAWN BY: ERAMSEY

REVISIONS	
DATE	INITIAL

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SCALE

HORIZONTAL: 1"=30'

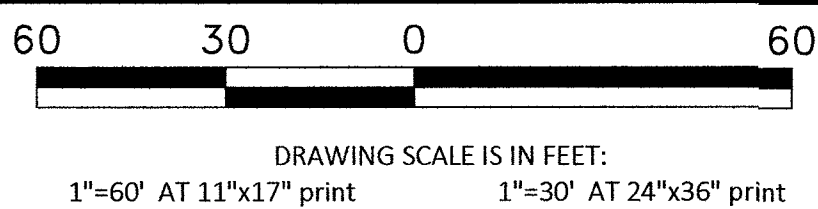
VERTICAL: NA

MP TO MP

SHEET 18 OF 27

FILE: LSV LUKE 1,2,3 SC

CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



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PROJECT: 917052, 917053, 917054,
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917058, 917059, 917060,
917061

CELL SITE: LSV LUKE 1,2,3 SC

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL	
2" HDPE CONDUIT:	384'
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	1
4' x 5' x 4' HANDHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	93'
TRENCH:	378'
TOTAL NEW UG FOOTAGE:	378'
TOTAL FOOTAGE:	471'

MCI
COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV LUKE 1,2,3 SC

DATE: 4/30/2019

DRAWN BY: ERAMSEY

REVISIONS

DATE	INITIAL

EXCEPT AS MAY BE OTHERWISE PROVIDED BY
CONTRACT, THESE DRAWINGS AND SPECIFICATIONS
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WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 19 OF 27

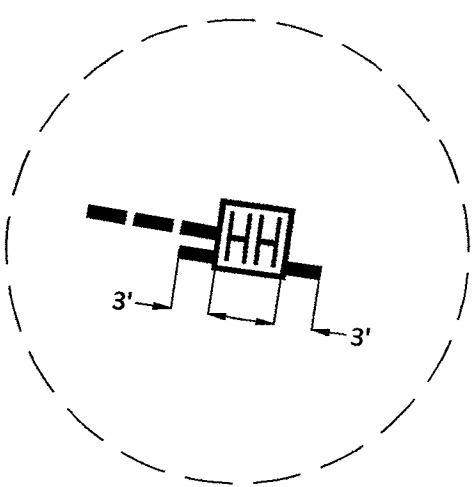
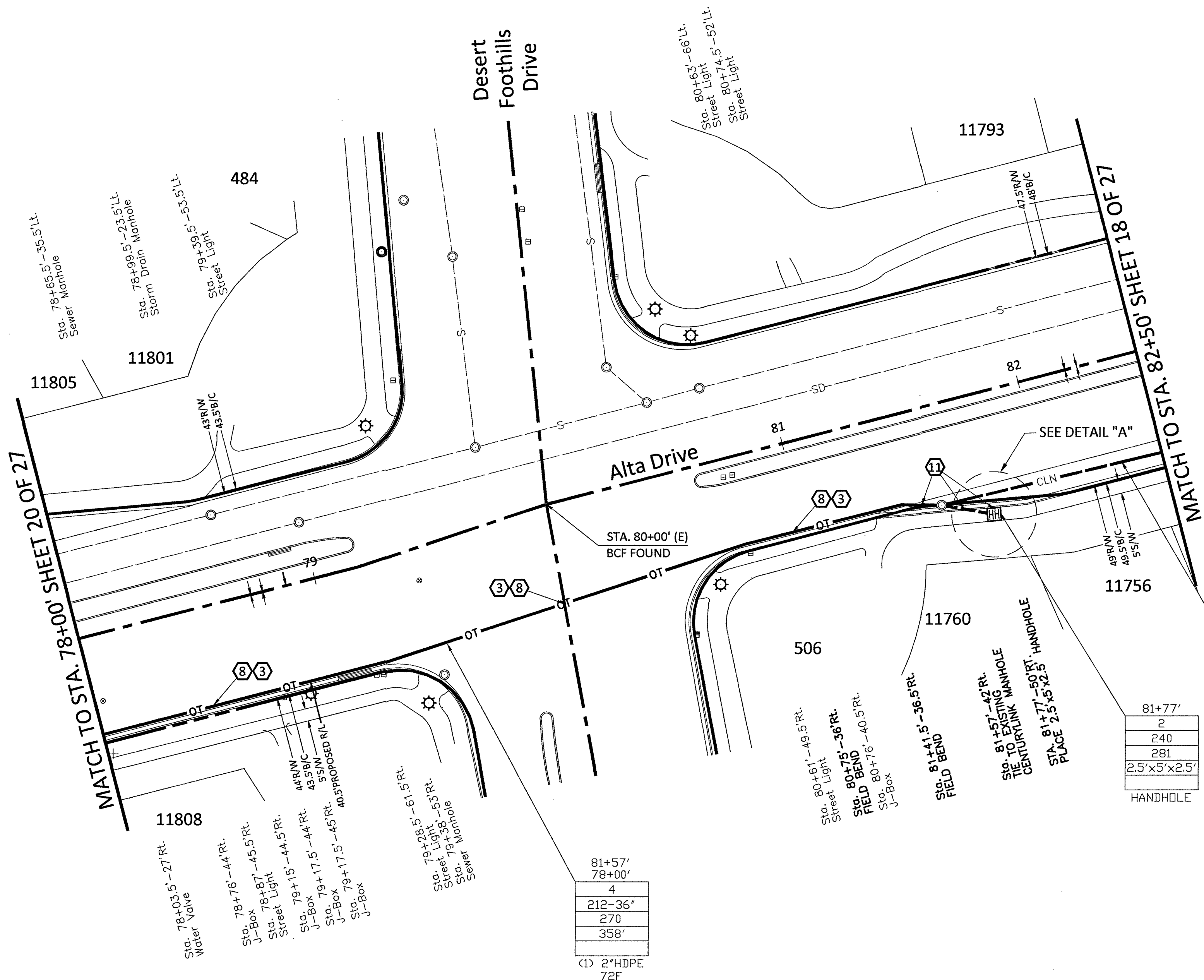
FILE: LSV LUKE 1,2,3 SC

- 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

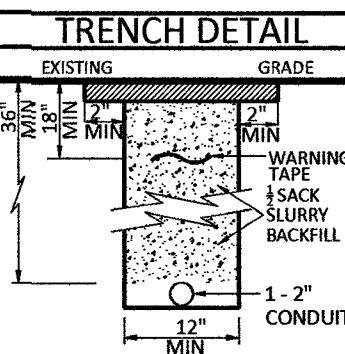
RTC NOTES:

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

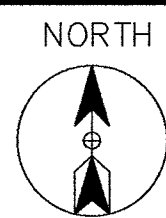
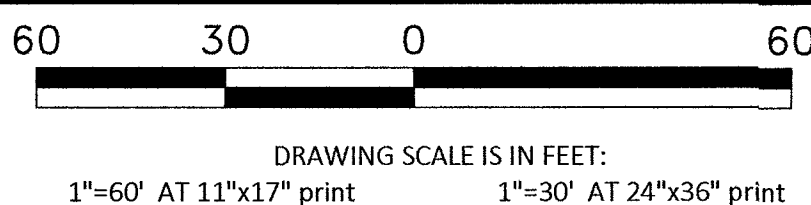
- (1) 500.1 0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
(2) 500.2 0 TO 5 YEARS PAVEMENT RESTORATION TRAVERSE CUT
(3) 500.3 OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, GREATER THAN 60' R.O.W
(4) 500.4 OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, 60' R.O.W OR LESS
(5) 500.5 OVER 5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



DETAIL "A"
N.T.S.



CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



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



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

PROJECT: 917052, 917053, 917054,
917055, 917056, 917057,
917058, 917059, 917060,
917061

CELL SITE: LSV LUKE 1,2,3 SC

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL

2" HDPE CONDUIT: 481'

4" HDPE CONDUIT: -

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

2.5' x 5' x 2.5' HANDHOLE(S): 1

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

MANHOLE(S): -

AERIAL: -

VZW CONDUIT: -

3RD PARTY CONDUIT: -

TRENCH: 475'

TOTAL NEW UG FOOTAGE: 475'

TOTAL FOOTAGE: 475'

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV LUKE 1,2,3 SC

DATE: 4/30/2019

DRAWN BY: ERAMSEY

REVISIONS

DATE INITIAL

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 20 OF 27

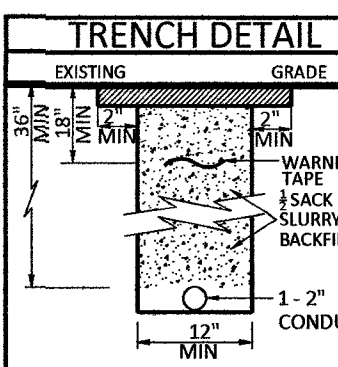
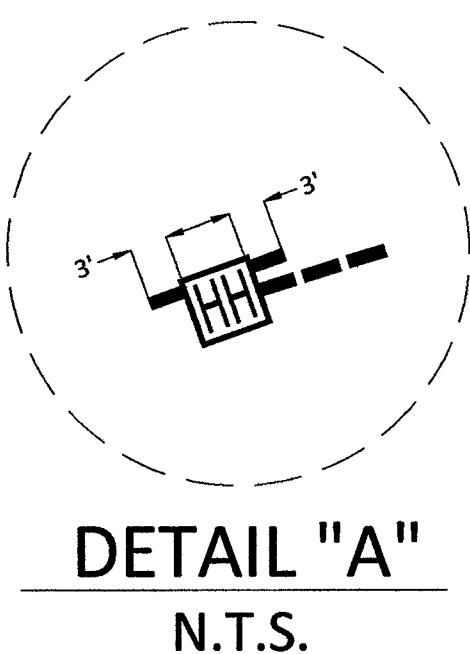
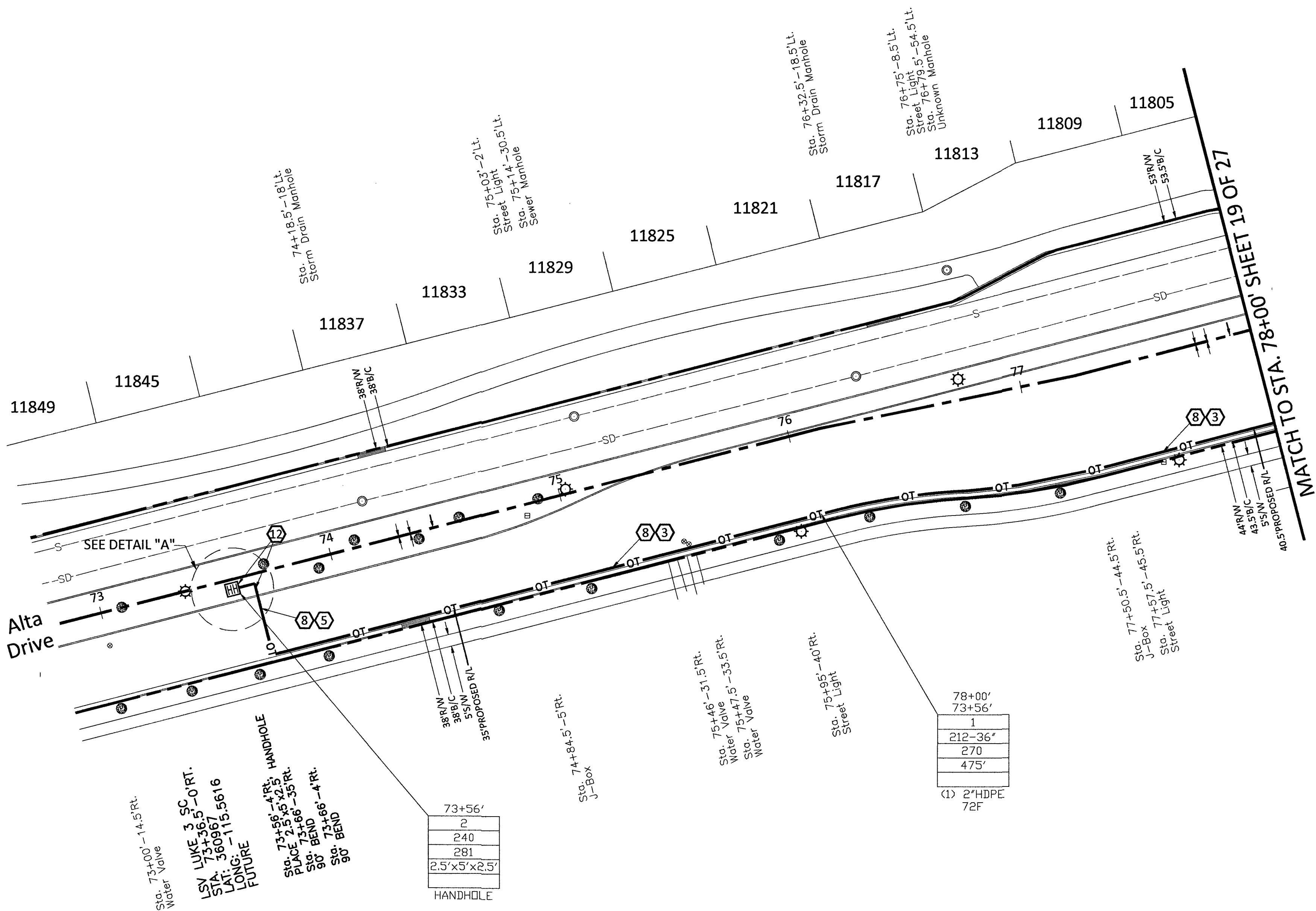
FILE: LSV LUKE 1,2,3 SC

- 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

RTC NOTES:

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

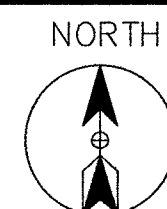
- (1) 500.1 0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
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(11) 234 SIDEWALK
(12) BACKFILL IN UNPAVED AREA AS REQUIRED BY LOCAL CODE OR AS APPROVED BY AGENCY.



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
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Know what's below.
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PROJECT: 917052, 917053, 917054,
917055, 917056, 917057,
917058, 917059, 917060,
917061

CELL SITE: LSV LUKE 1,2,3 SC

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL	
2" HDPE CONDUIT:	204'
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	2
4' x 5' x 4' HANDHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	600'
TRENCH:	192'
TOTAL NEW UG FOOTAGE:	192'
TOTAL FOOTAGE:	792'

MCI
COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV LUKE 1,2,3 SC

DATE: 4/30/2019

DRAWN BY: ERAMSEY

REVISIONS

DATE	INITIAL

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 21 OF 27

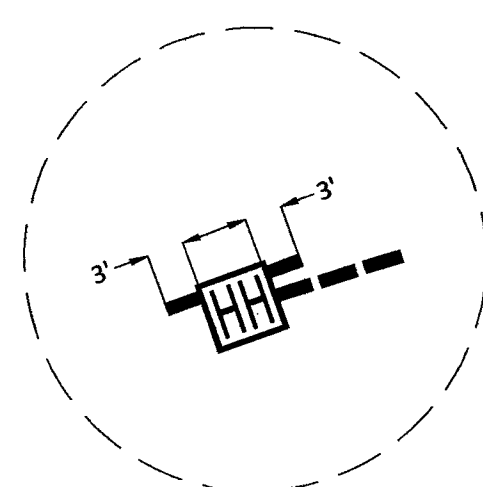
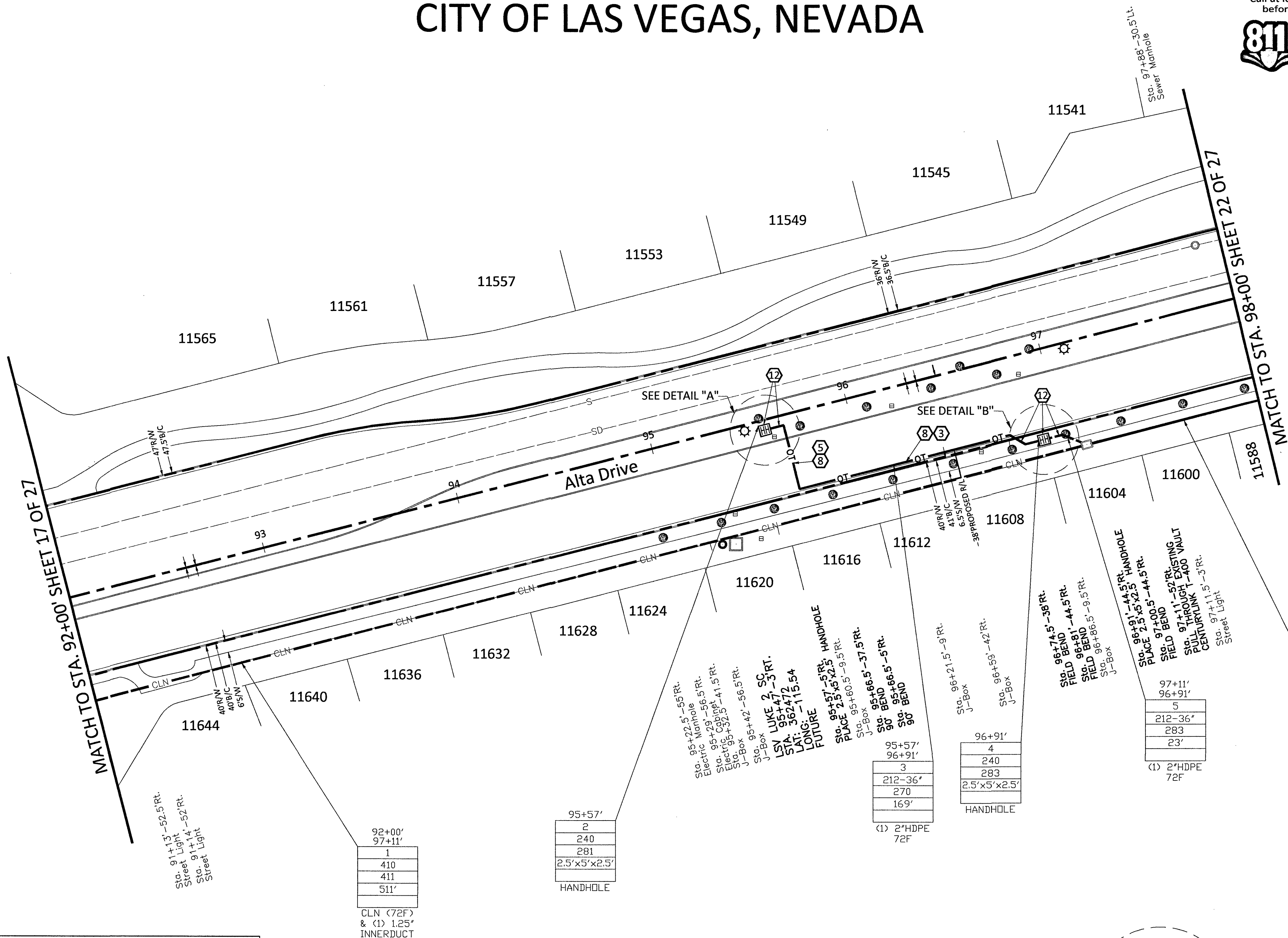
FILE: LSV LUKE 1,2,3 SC

- 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

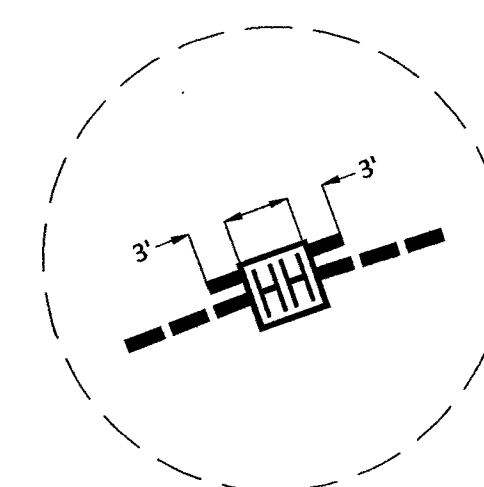
RTC NOTES:

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

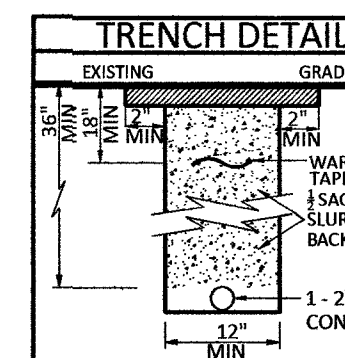
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- (11) 234 SIDEWALK
- (12) BACKFILL IN UNPAVED AREA AS REQUIRED BY LOCAL CODE OR AS APPROVED BY AGENCY.



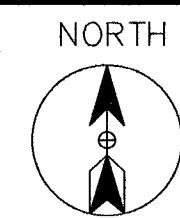
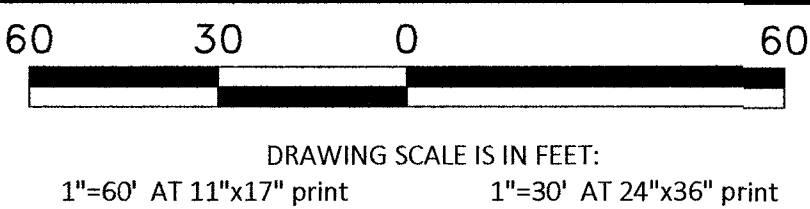
DETAIL "A"
N.T.S.



DETAIL "B"
N.T.S.



CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



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PROJECT: 917052, 917053, 917054,
917055, 917056, 917057,
917058, 917059, 917060,
917061

CELL SITE: LSV LUKE 1,2,3 SC

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL

2" HDPE CONDUIT: -

4" HDPE CONDUIT: -

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

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

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

MANHOLE(S): -

AERIAL: -

VZW CONDUIT: -

3RD PARTY CONDUIT: 527'

TRENCH: -

TOTAL NEW UG FOOTAGE: -

TOTAL FOOTAGE: 527'

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV LUKE 1,2,3 SC

DATE: 4/30/2019

DRAWN BY: ERAMSEY

REVISIONS

DATE INITIAL

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 22 OF 27

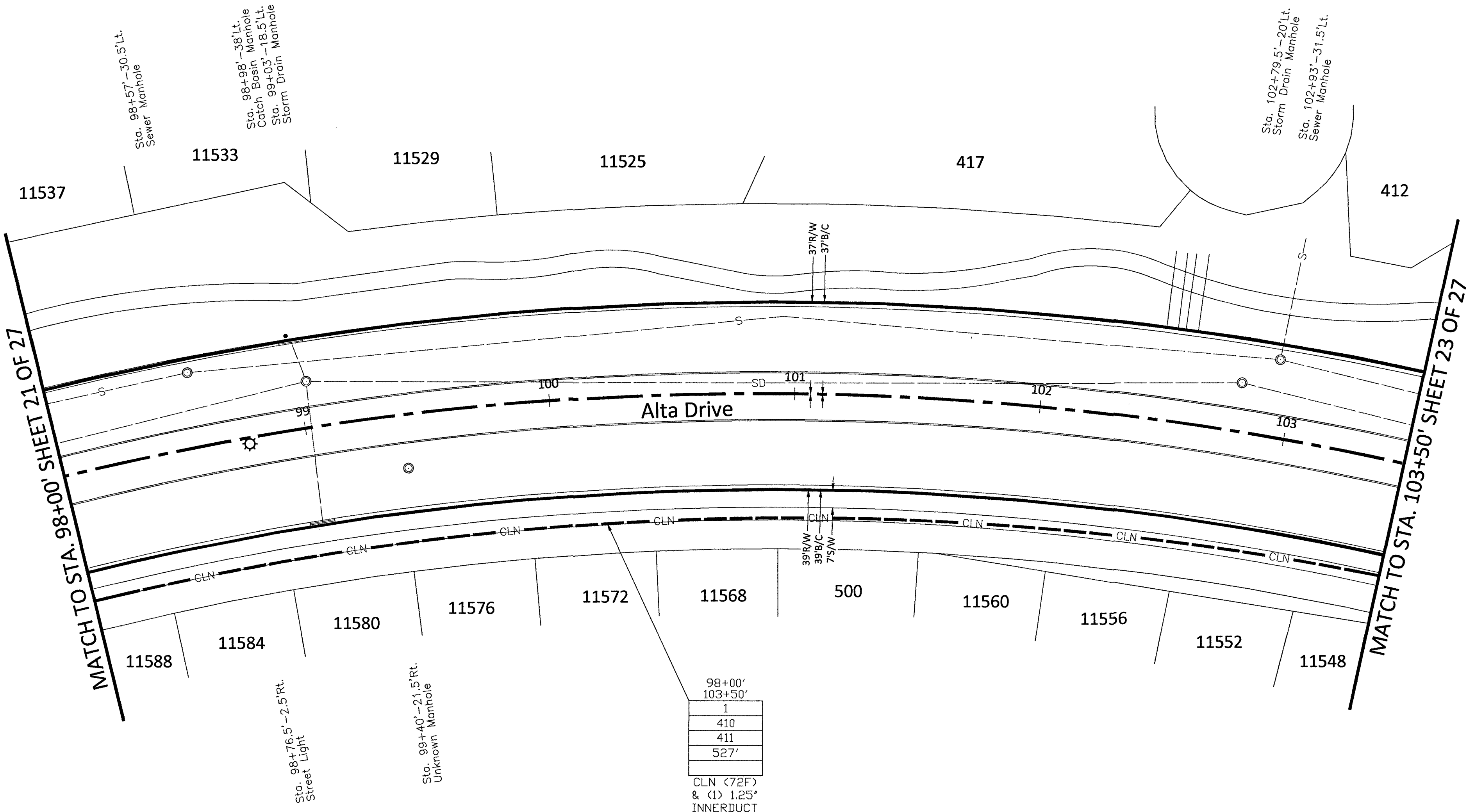
FILE: LSV LUKE 1,2,3 SC

- 210 PLACE CONDUIT
212 PLACE HIGH DENSITY POLYETHYLENE (HDPE)
240 PLACE HANDHOLE
250 PLACE MANHOLE
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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

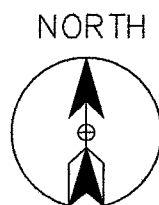
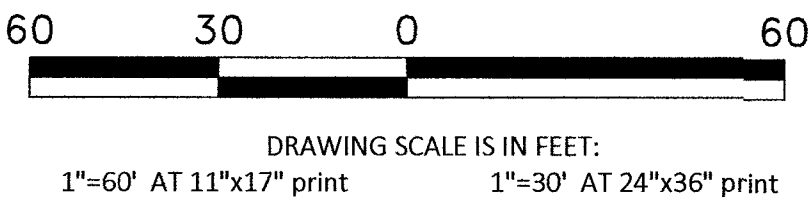
RTC NOTES:

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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(12) 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
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Know what's below.
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PROJECT: 917052, 917053, 917054,
917055, 917056, 917057,
917058, 917059, 917060,
917061

CELL SITE: LSV LUKE 1,2,3 SC

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL	
2" HDPE CONDUIT:	27'
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	1
4' x 5' x 4' HANDHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	643'
TRENCH:	21'
TOTAL NEW UG FOOTAGE:	21'
TOTAL FOOTAGE:	664'

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV LUKE 1,2,3 SC

DATE: 4/30/2019

DRAWN BY: ERAMSEY

REVISIONS

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

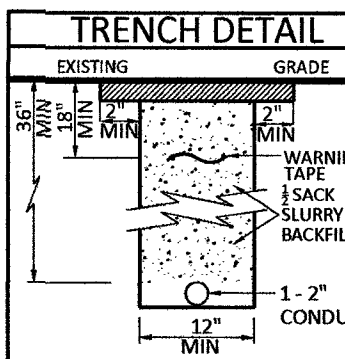
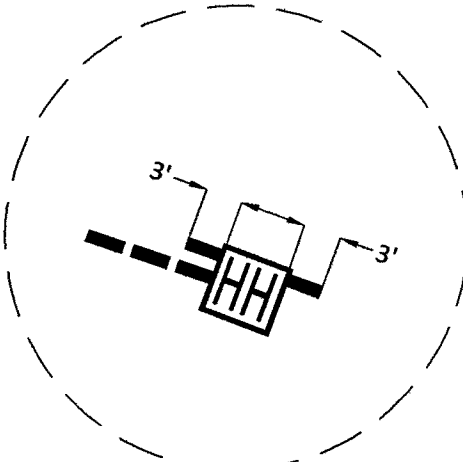
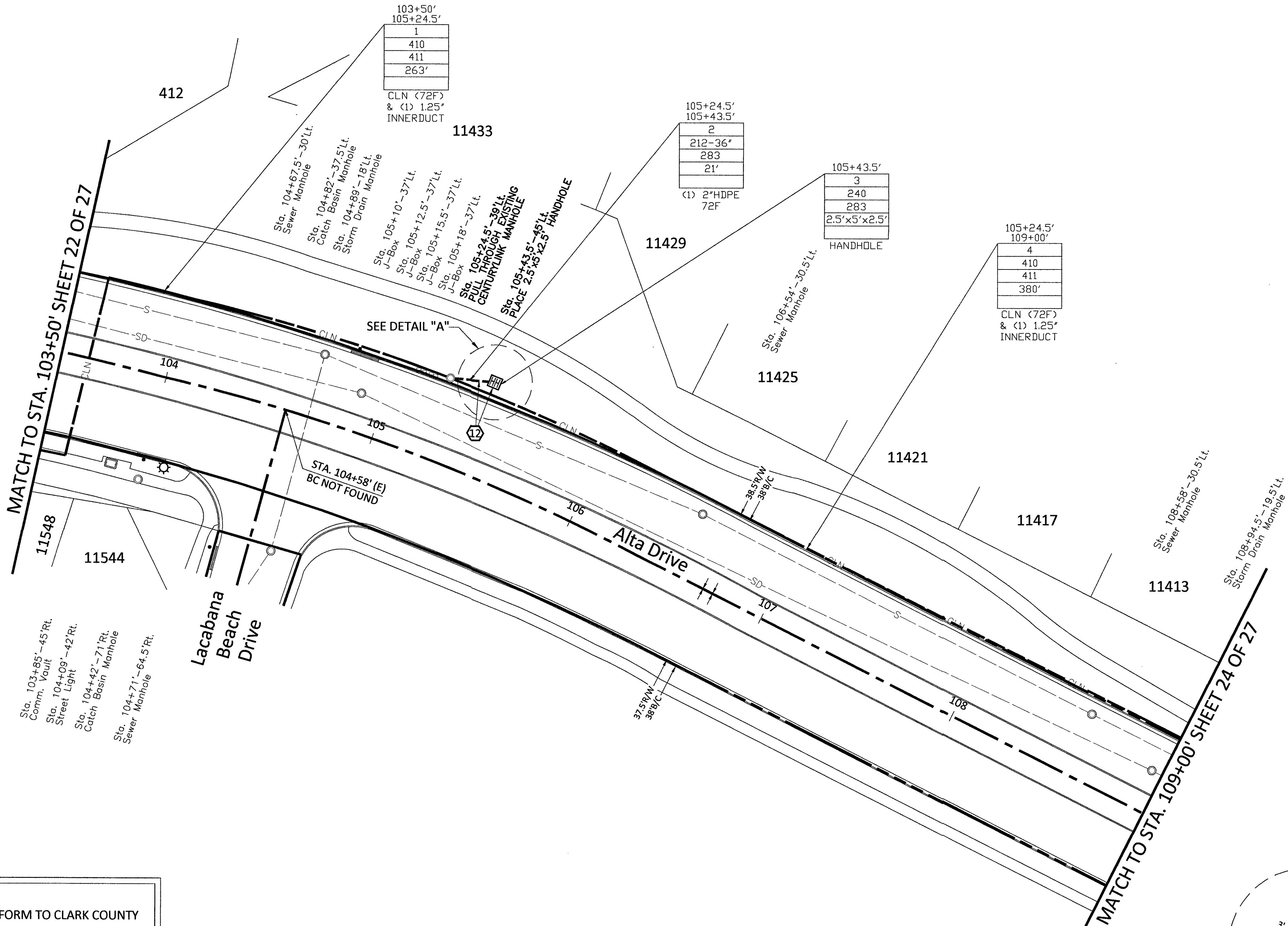
MP TO MP

SHEET 23 OF 27

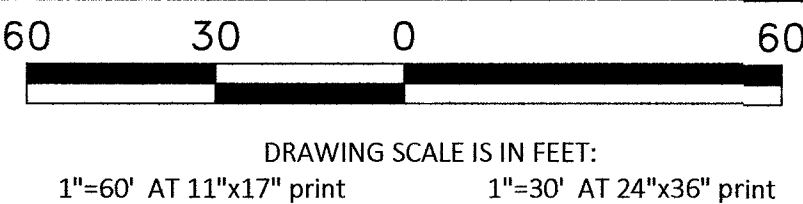
FILE: LSV LUKE 1,2,3 SC

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212 PLACE HIGH DENSITY POLYETHYLENE (HDPE)
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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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PROJECT: 917052, 917053, 917054,
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917061

CELL SITE: LSV LUKE 1,2,3 SC

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL	
2" HDPE CONDUIT:	27'
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	1
4' x 5' x 4' HANDHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	550'
TRENCH:	21'
TOTAL NEW UG FOOTAGE:	21'
TOTAL FOOTAGE:	571'

MCI
COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION
TITLE: CELL SITE: LSV LUKE 1,2,3 SC

DATE: 4/30/2019

DRAWN BY: ERAMSEY

REVISIONS

DATE	INITIAL

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 24 OF 27

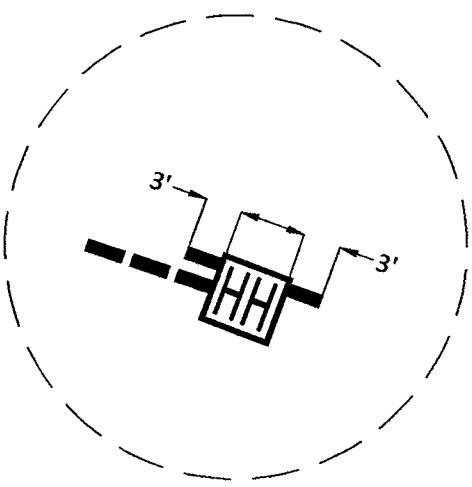
FILE: LSV LUKE 1,2,3 SC

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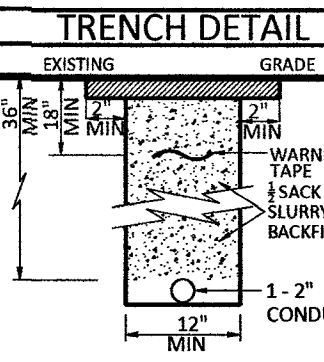
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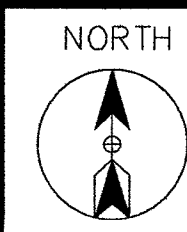
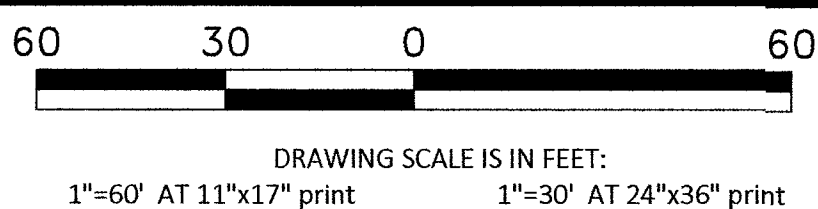
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(5) 500.5 OVER 5 YEARS PAVEMENT RESTORATION TRAVERSE ALL R.O.W WIDTHS
(6) 501 TYPICAL UNDERGROUND UTILITY LOCATIONS IN RESIDENTIAL STREETS 60' OR LESS R.O.W
(7) 501.1 TYPICAL UTILITY UNDERGROUND LOCATIONS IN STREETS WITH GREATER THAN 60' R.O.W
(8) 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.



DETAIL "A"
N.T.S.



CONSTRUCTION DRAWING
CITY OF LAS VEGAS, NEVADA



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



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

PROJECT: 917052, 917053, 917054,
917055, 917056, 917057,
917058, 917059, 917060,
917061

CELL SITE: LSV LUKE 1,2,3 SC

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

SHEET TOTAL	
2" HDPE CONDUIT:	196'
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	2
4' x 5' x 4' HANDHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	359'
TRENCH:	184'
TOTAL NEW UG FOOTAGE:	184'
TOTAL FOOTAGE:	543'

COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV LUKE 1,2,3 SC

DATE: 4/30/2019

DRAWN BY: ERAMSEY

REVISIONS	
DATE	INITIAL

EXCEPT AS MAY BE OTHERWISE PROVIDED BY
CONTRACT, THESE DRAWINGS AND SPECIFICATIONS
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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

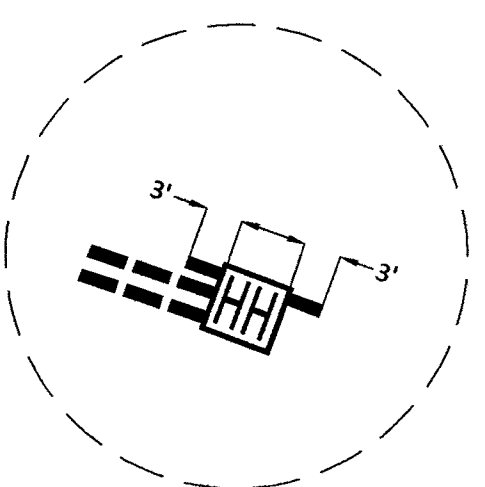
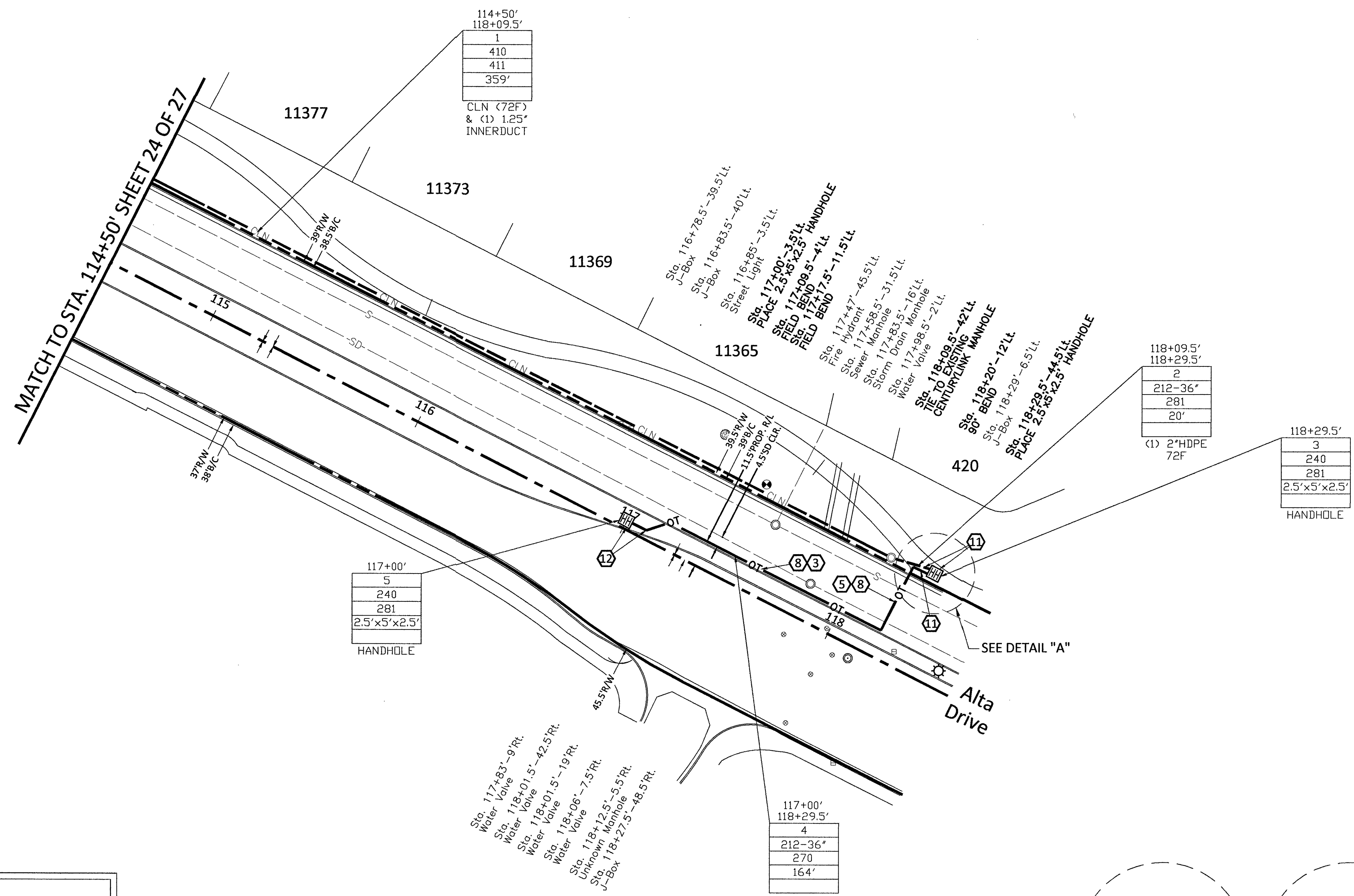
MP TO MP

SHEET 25 OF 27

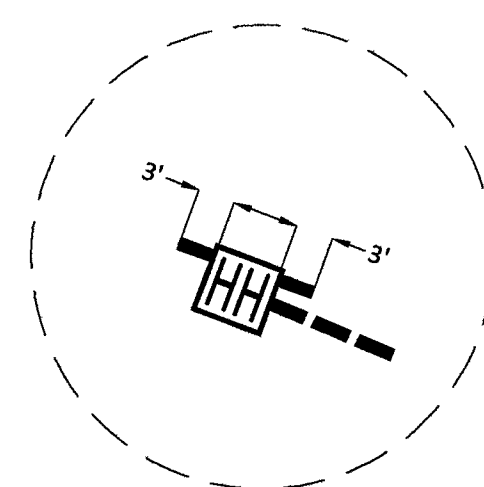
FILE: LSV LUKE 1,2,3 SC

- 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

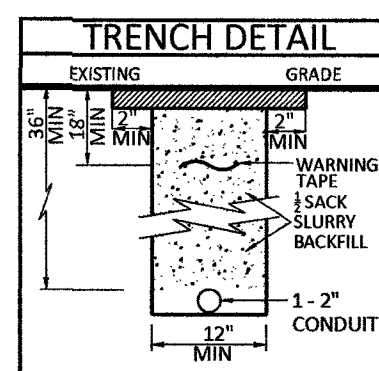
RTC NOTES:	
BACKFILL AND RIGHT OF WAY RESTORATION SHALL CONFORM TO CLARK COUNTY UNIFORM STANDARD DRAWINGS	
(1) 500.1	0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
(2) 500.2	0 TO 5 YEARS PAVEMENT RESTORATION TRAVERSE CUT
(3) 500.3	OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, GREATER THAN 60' 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
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(11) 234	SIDEWALK
(12)	BACKFILL IN UNPAVED AREA AS REQUIRED BY LOCAL CODE OR AS APPROVED BY AGENCY.



DETAIL "A"
N.T.S.



DETAIL "B"
N.T.S.



M:\VERSION ONE\FIBER\LAS VEGAS\LSV DURANGO\LSV LUKE 1,2,3 SC\CONSTRUCTION DRAWINGS

MATCHLINE 'A' SHEET 27 OF 27

Sonesta Beach Lane

El Rancho Avenue

*Placing Innerduct at all CLN

Villa Capri Avenue

Blue Melody Avenue

Desert Sunrise Road

Desert Foot Hills Blvd

Vista Run Drive

100' 2.5x5'

90' CLN

432F

65' 1"

16' 2.5"

100' 2.5x5'

90' CLN

20' 2.5"

702' CLN

432F

90' CLN

100' 2.5x5'

432F

90' CLN

100' 2.5x5'

432F

90' CLN

100' 2.5x5'

432F

824' CLN

20' 2.5"

375'

20' 2.5"

100' 2.5x5'

B&G

20' CLN

NORTH

A compass rose with a circle in the center. Four arrows point outwards from the center, labeled 'NORTH' at the top, 'SOUTH' at the bottom, 'EAST' on the right, and 'WEST' on the left. The arrows are stylized with a crossbar and a pointed tip.

CELL SITE: LSV LUKE 1.2.3 SC

CITY OF LAS VEGAS, NEVADA

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

FIBER TOTALS

FIBER SIZE/LENGTH: 432/4,295'

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV LUKE 1,2,3 SC

PROJECT TITLE

DATE: 4/30/2019

DRAWN BY: ERAMSEY

REVISIONS

DATE	INITIAL

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 26 OF 27

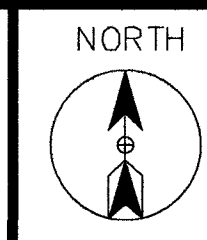
FILE: LSV LUKE 1,2,3 SC

SITE-SPAN NAME: CELL SITE: LSV LUKE 1,2,3 SC										
SITE-SPAN ID: 1706AVNN.011, 1706AVNN.41, 1709AVNN.42, 1706AVNN.40										
FQPID	SEGMENT	FIBER COUNT	TRENCH	BORE	DB/OT	3RD PARTY	VZ OWNED	AERIAL	TOTAL	
FIB:BUR::56001734	917052	432F	418'	'	'	'	'	'	418'	
FIB:BUR::56001734	917053	432F	'	'	'	1,523'	'	'	1,523'	
FIB:BUR::56001771	917054	432F	21'	'	'	'	'	'	21'	
FIB:BUR::56001734	917055	432F	'	'	'	2,149'	'	'	2,149'	
FIB:BUR::56001602	917056	72F	'	'	'	1,149'	'	'	1,149'	
FIB:BUR::56001602	917057	72F	868'	'	'	'	'	'	868'	
FIB:BUR::56001580	917058	72F	'	'	'	920'	'	'	920'	
FIB:BUR::56001664	917059	72F	192'	'	'	'	'	'	192'	
FIB:BUR::56001621	917060	72F	'	'	'	2,168'	'	'	2,168'	
FIB:BUR::56001621	917061	72F	184'	'	'	'	'	'	184'	
FIB:BUR::56001658	917239	432F	20'	'	'	'	'	'	20'	
FIB:BUR::56001734	917240	432F	20'	'	'	'	'	'	20'	
FIB:BUR::56001734	917241	432F	16'	'	'	'	'	'	16'	
FIB:BUR::56001734	917242	72F	20'	'	'	'	'	'	20'	
FIB:BUR::56001602	917243	72F	20'	'	'	'	'	'	20'	
FIB:BUR::56001621	917244	72F	21'	'	'	'	'	'	21'	
FIB:BUR::56001621	917245	72F	21'	'	'	'	'	'	21'	
FIB:BUR::56001602	917246	72F	20'	'	'	'	'	'	20'	

ROUTE SCHEMATIC

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

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



PROJECT: 917052, 917053, 917054,
917055, 917056, 917057,
917058, 917059, 917060,
917061

CELL SITE: LSV LUKE 1,2,3 SC

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

FIBER TOTALS

FIBER SIZE/LENGTH: 432/886'

FIBER SIZE/LENGTH: 72/7,003'

COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

TITLE: CELL SITE: LSV LUKE 1,2,3 SC

PROJECT TITLE

DATE: 4/30/2019

DRAWN BY: ERAMSEY

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 27 OF 27

FILE: LSV LUKE 1,2,3 SC

