



OUTSIDE PLANT CONSTRUCTION
FIBER OPTIC CABLE ROUTE

PROJECT/AFE #: 1709AKKH.37, 1709AKKH.15, 1709AKKH.43

NORTH ANASAZI DRIVE & BANBURRY CROSS DRIVE TO NORTH
CRESTDALE LANE & WEST SUMMERLIN PARKWAY

CITY OF LAS VEGAS, NEVADA

HUB: LSV HUALAPAI - CELL SITE: LSV SUMMERLIN MRO
CONSTRUCTION DRAWING 5/2/2019

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

NOTE: ALL THE ABOVE GROUND UTILITY APPURTENANCES
SHALL CONFORM TO THE REQUIREMENTS OF CLV UNIFIED
DEVELOPMENT CODE TITLE 19.06 AND 19.08

CITY OF LAS VEGAS
APPROVED FOR CONSTRUCTION

THIS APPROVAL IS FOR WORK IN CLV R/W & EASEMENT ONLY.
OBTAINING PERMISSIONS OR EASEMENTS FOR WORK SHOWN ON
PRIVATE PROPERTY IS THE RESPONSIBILITY OF THE UTILITY.

APPROVAL BY: 19-00458 10717805-FIB DATE 7 2 19

CLV NOTE: PROTECT ALL EXISTING STORM
DRAIN SYSTEMS AND THE ASSOCIATED
FACILITIES IN PLACE.

JOB #: LSV SUMMERLIN MRO

16/16

1709AKKH.37, 1709AKKH.15, 1709AKKH.43
NORTH ANASAZI DRIVE & BANBURRY CROSS DRIVE TO NORTH
CRESTDALE LANE & WEST SUMMERLIN PARKWAY
CITY OF LAS VEGAS, NEVADA
HUB: LSV HUALAPAI - CELL SITE: LSV SUMMERLIN MRO
CONSTRUCTION DRAWING 5/2/2019
MCImetro ACCESS TRANSMISSION SERVICES CORP.
d/b/a Verizon Access Transmission Services

2ND
19-00458 5/8/19 85600-16

FIB:BUR::56000413

PRO\CONSTRUCTION DRAWINGS

GENERAL NOTES / CLARIFICATION NOTES



CELL SITE: LSV SUMMERLIN MRO

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

MCI COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

HUB: LSV HUALAPAI - CELL SITE: LSV SUMMERLIN MRO

DATE: 2/19/2019

DRAWN BY: CMENDOZA

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 15

FILE: LSV SUMMERLIN MRO - 02-19-19

M:\VERIZON ONE FIBER\LAS VEGAS\LSV HUALAPAI\LSV SUMMERLIN MRO\CONSTRUCTION DRAWINGS

CITY OF LAS VEGAS GENERAL NOTES:

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA NEVADA", LATEST ISSUE; THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS 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 WHEN WORKING NEAR OVERHEAD UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COST AND LIABILITY IN CONNECTION THEREWITH.
3. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING UTILITY LINES, STRUCTURES AND STREET IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE, FROM DAMAGE, AND ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED SATISFACTORY TO THE CITY ENGINEER AND OWNING UTILITY COMPANY AT THE EXPENSE OF THE CONTRACTOR.
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 ANY WORK 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 (½") 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 OFF-SITE 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 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. * WORLD COM PRELIMINARY OPERATING ENTITIES:

- BROOKS FIBER PROPERTIES, INC.

- MCI METRO ACCESS TRANSMISSION SERVICES, LLC

- SOUTHERNET, INC.

- MCI WORLD COM NETWORK SERVICES, INC.

(COMPRISES MCI TELECOMMUNICATIONS CORP. (MCI LD) AND WORLD COM NETWORK SERVICES, INC. (WORLD COM LD)

* THE WORLD COM FACILITIES WITHIN THIS CONSTRUCTION PACKAGE ARE HELD BY THE OPERATING ENTITY(IES) INDICATED IN BOLD TYPE.

- MFS TELECOM, INC.

- TELECOM*USA, INC.

- SOUTHERNET SYSTEMS, INC.

- MCI WORLD COM NETWORK SERVICES OF VIRGINIA

- MCI METRO ACCESS TRANSMISSION SERVICES OF VIRGINIA, INC.

2. ALL WORK TO BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE CODES OR REQUIREMENTS OF ANY REGULATING GOVERNMENTAL AGENCY, WORLD COM 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 PITTS 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 CONDUIT 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 ENCASUREMENT
- 222 REMOVE CONCRETE CAP
- 240 PLACE HANDHOLE
- 244 REMOVE EXISTING HANDHOLE
- 245 RELOCATE HANDHOLE
- 247 REPLACE/SUBSTITUTE HANDHOLE
- 250 EXCAVATE SPICE PIT
- 252 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
TSO 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:

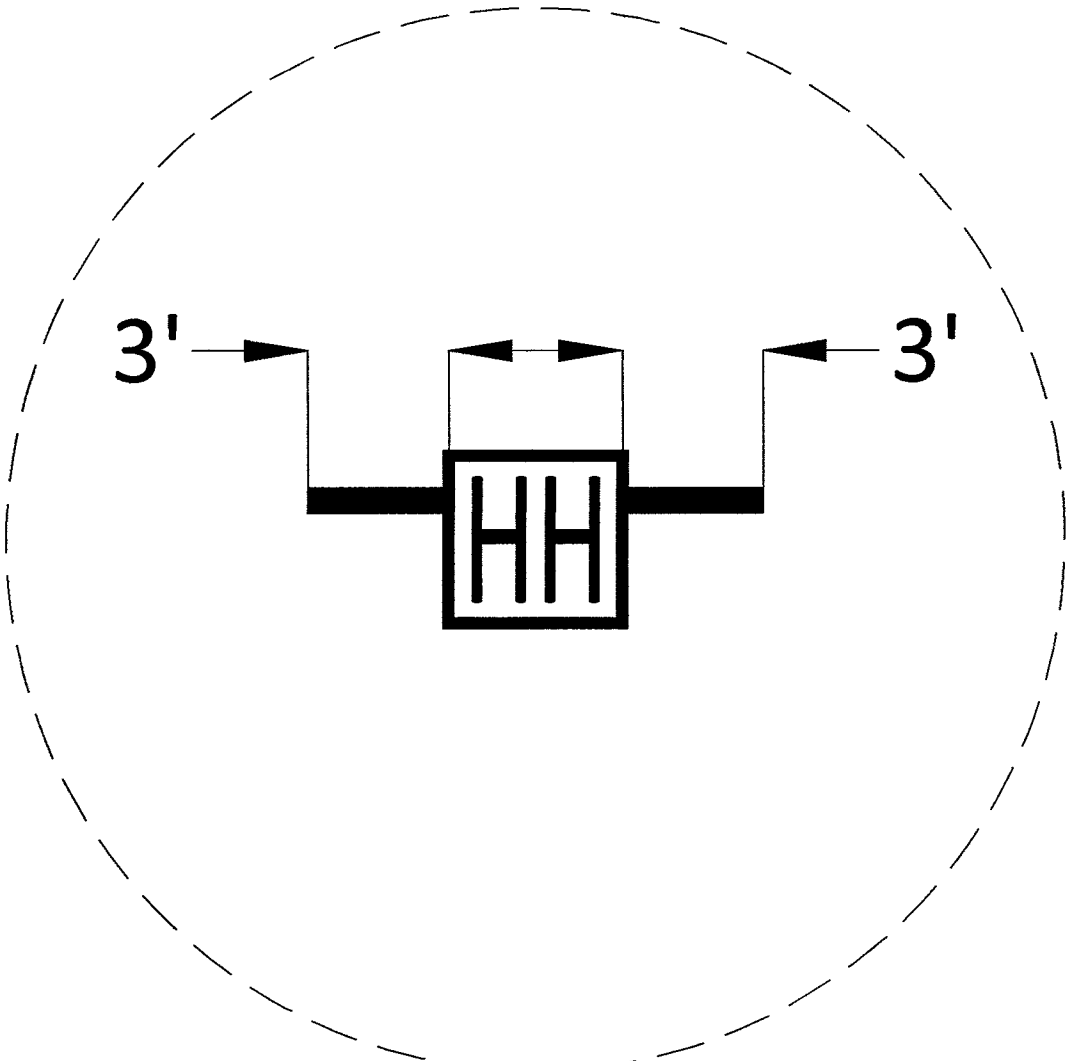
CITY GOVERNMENT

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):	206'
2.5" HDPE CONDUIT(S):	87'
4" HDPE CONDUIT(S):	20'
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	5
4' x 4' x 4' MANHOLE(S):	1

WORK TYPE

AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	4,069'
TRENCH:	107'
ASPHALT CUT:	-
BORE:	170'
TOTAL NEW UG FOOTAGE:	277'
TOTAL FOOTAGE:	4,346'



CELL SITE: LSV SUMMERLIN MRO

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
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MCI
COMMUNICATIONS SERVICES, INC.

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HUB: LSV HUALAPAI - CELL SITE: LSV SUMMERLIN MRO

DATE: 2/19/2019
DRAWN BY: CMENDOZA

REVISIONS

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SCALE

HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 3 OF 15

FILE: LSV SUMMERLIN MRO - 02-19-19

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

	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)
ALUMINIUM "HUB"-STYLE MARKER-(B)
FLAT MARKER-(C)
TUBULAR MARKER-(D)
TUBULAR MARKER, & ISOLATOR PROTECTOR-(E)

MILE POST MARKER
NOTE:
DASHED = NOT FOUND IN FIELD

PERMIT TRACKING FORM IDENTIFIER

UTILITY COVER DEPTH

HANDHOLE, VAULT OR PULLBOX

STREET LIGHT

WOOD POLE & STEEL POLE

ANCHOR ONLY

GUY ONLY

OVERHEAD GUY (ARROW IN DIRECTION OF PULL)

ANCHOR AND GUY

SIDEWALK ANCHOR AND GUY

FOREIGN ANCHOR AND GUY

PUSH BRACE (EXISTING POLE)

ACCOUNT CODE CHANGE (BURIED TO AERIAL)

RISER POLE

BOND AND GROUND

CULVERT (SIZE AS INDICATED)

BRIDGE

METER

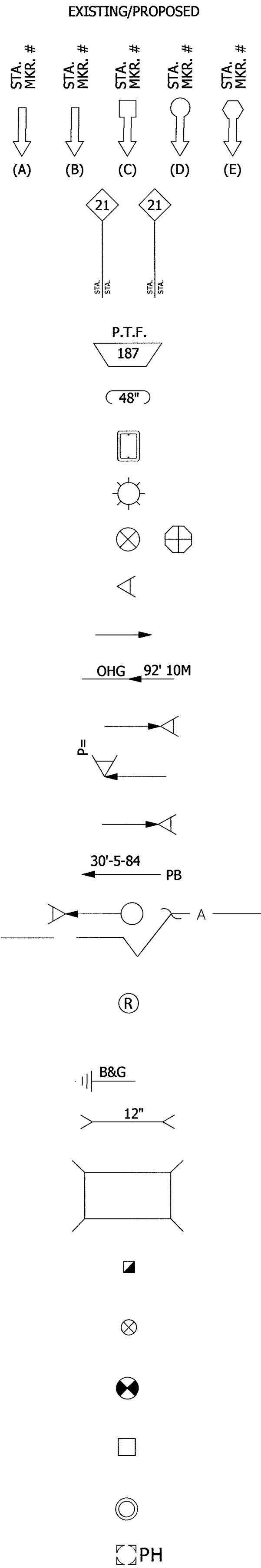
VALVE

FIRE HYDRANT

RAILROAD SIGNAL CONTROL BOX

MANHOLE

POTHOLE



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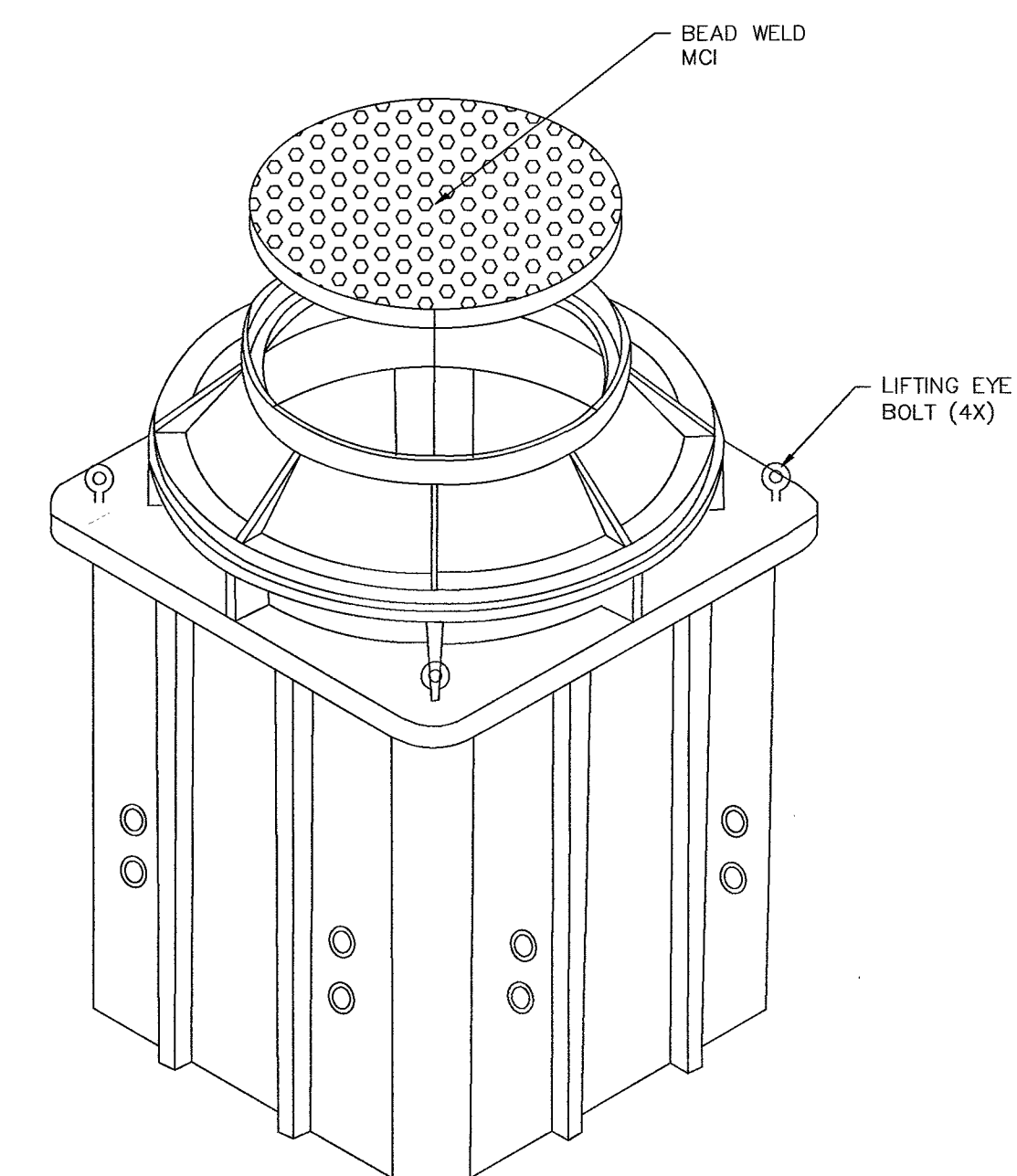
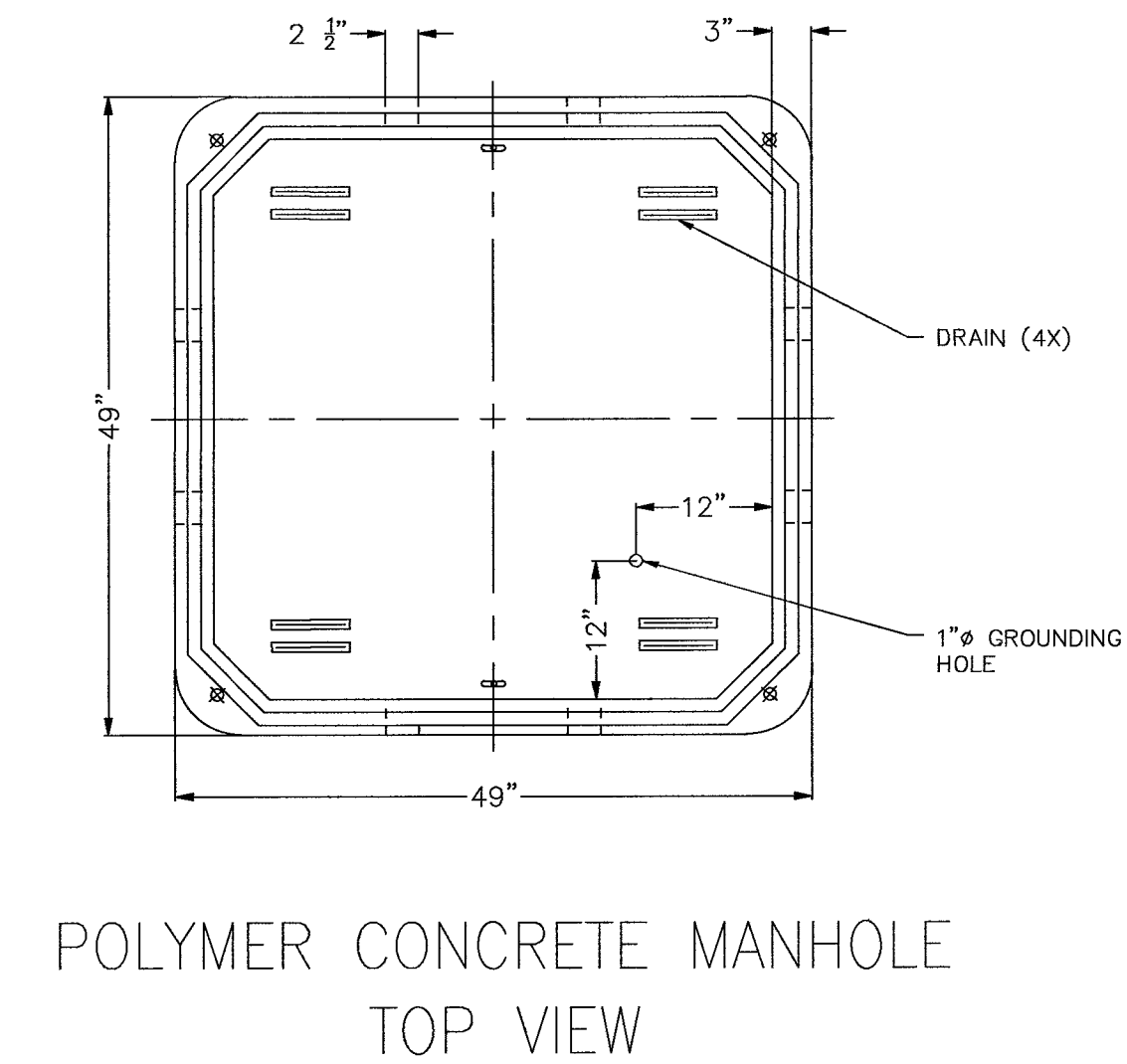
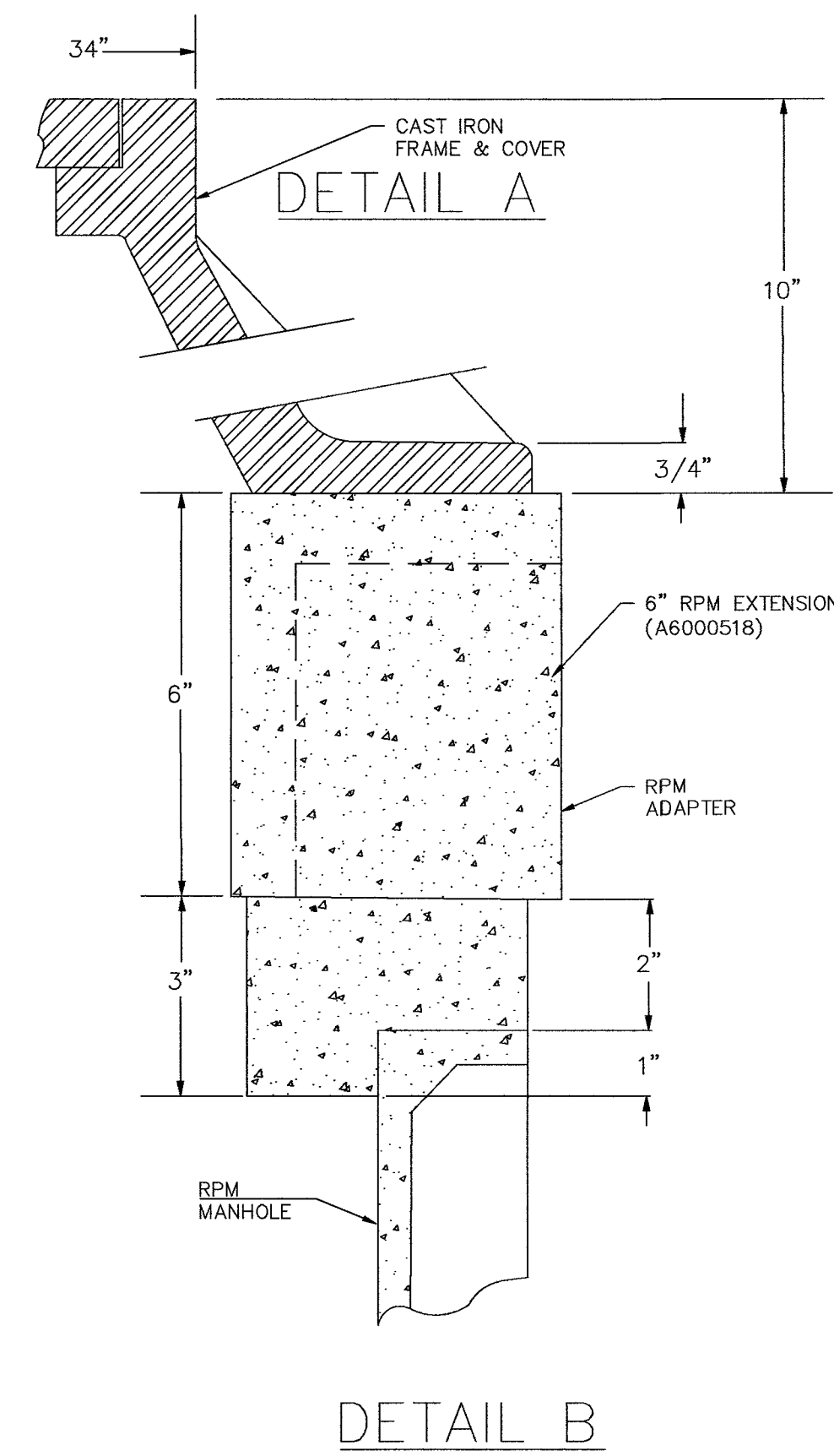
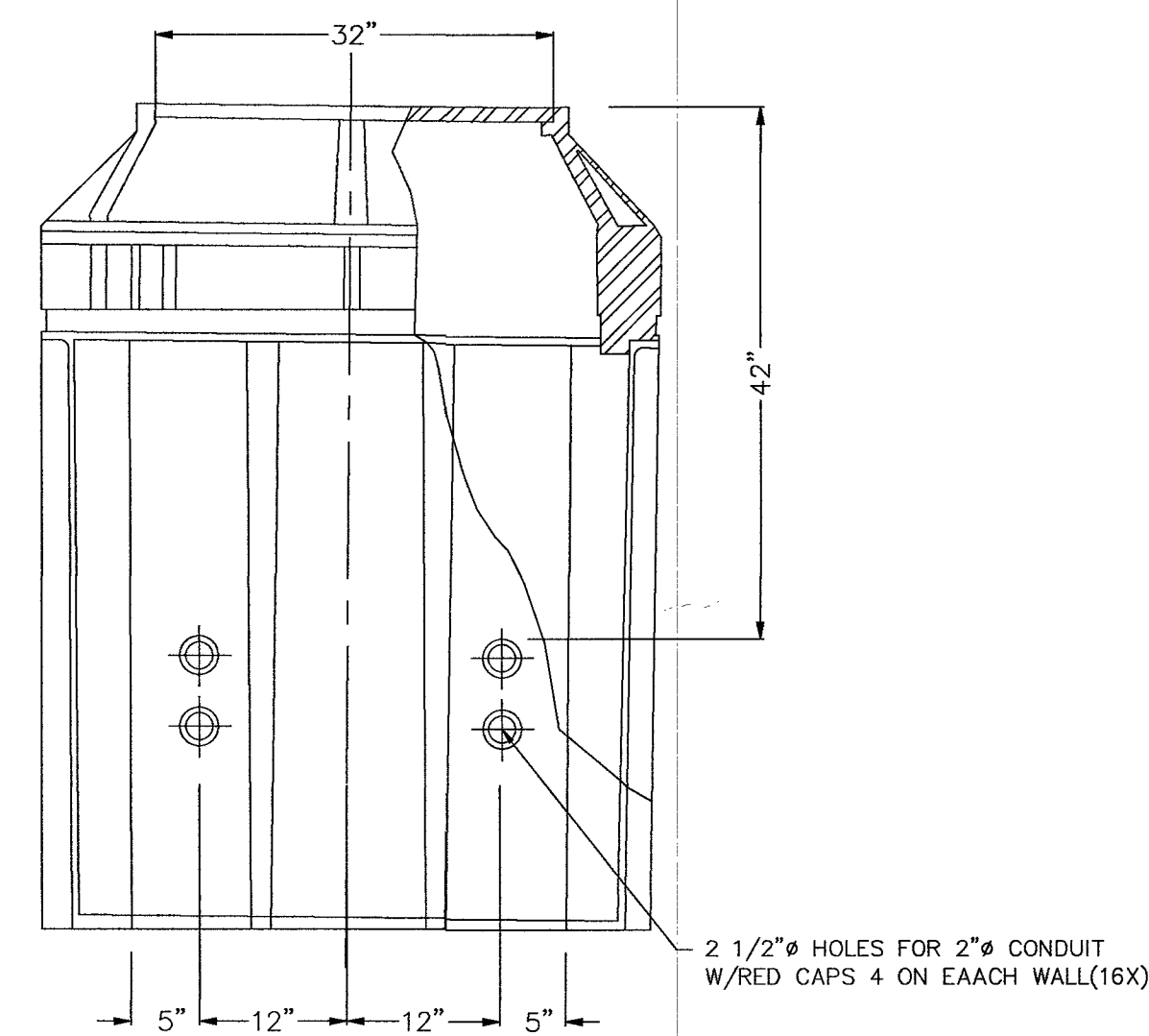
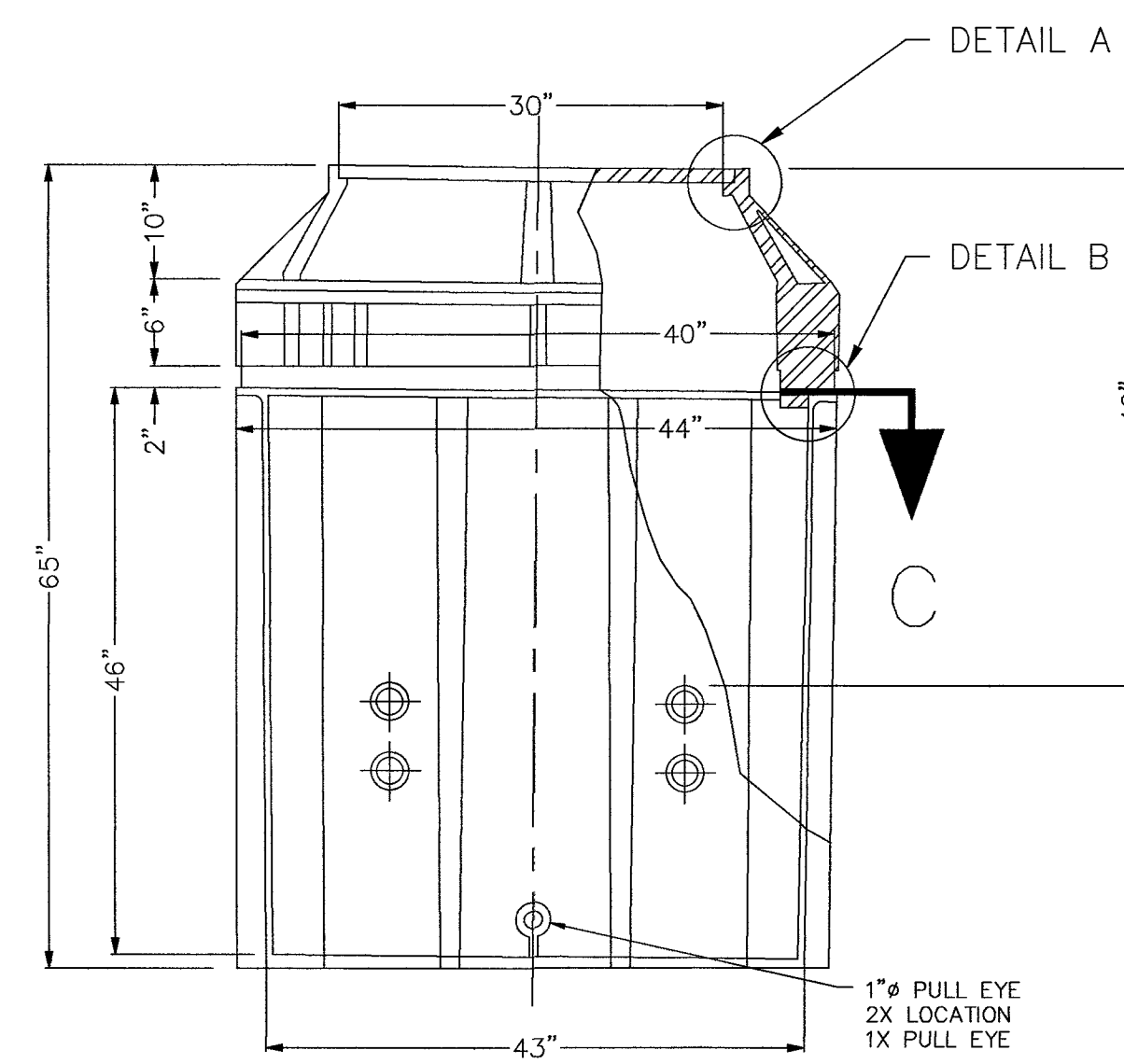
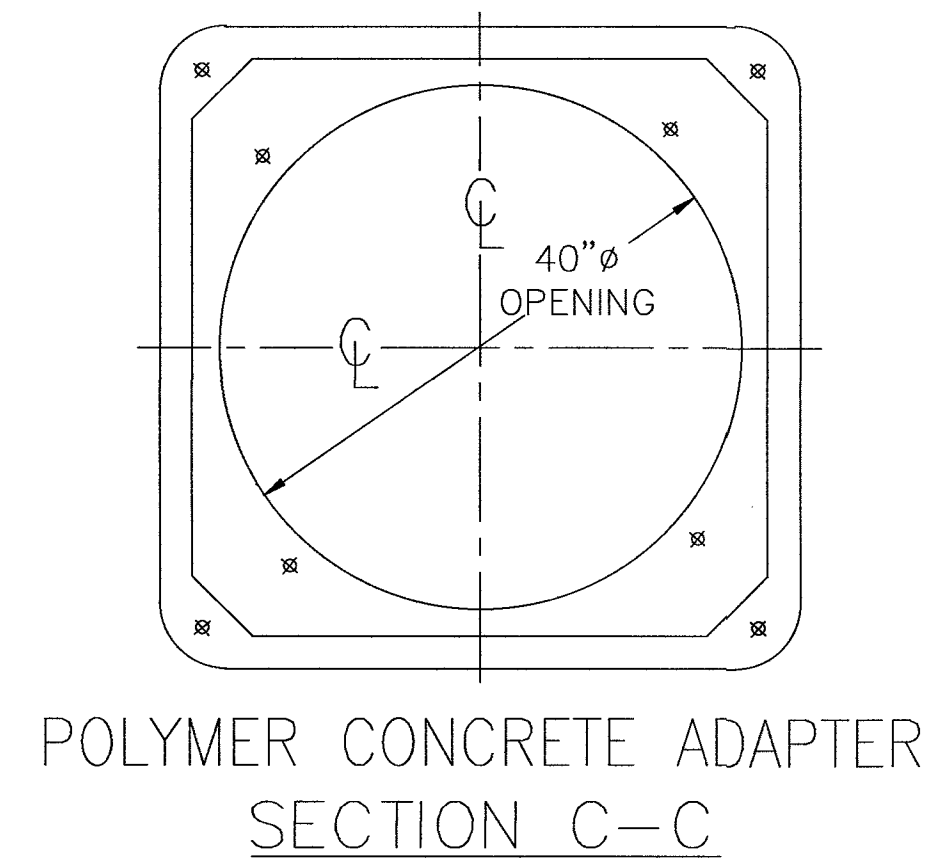
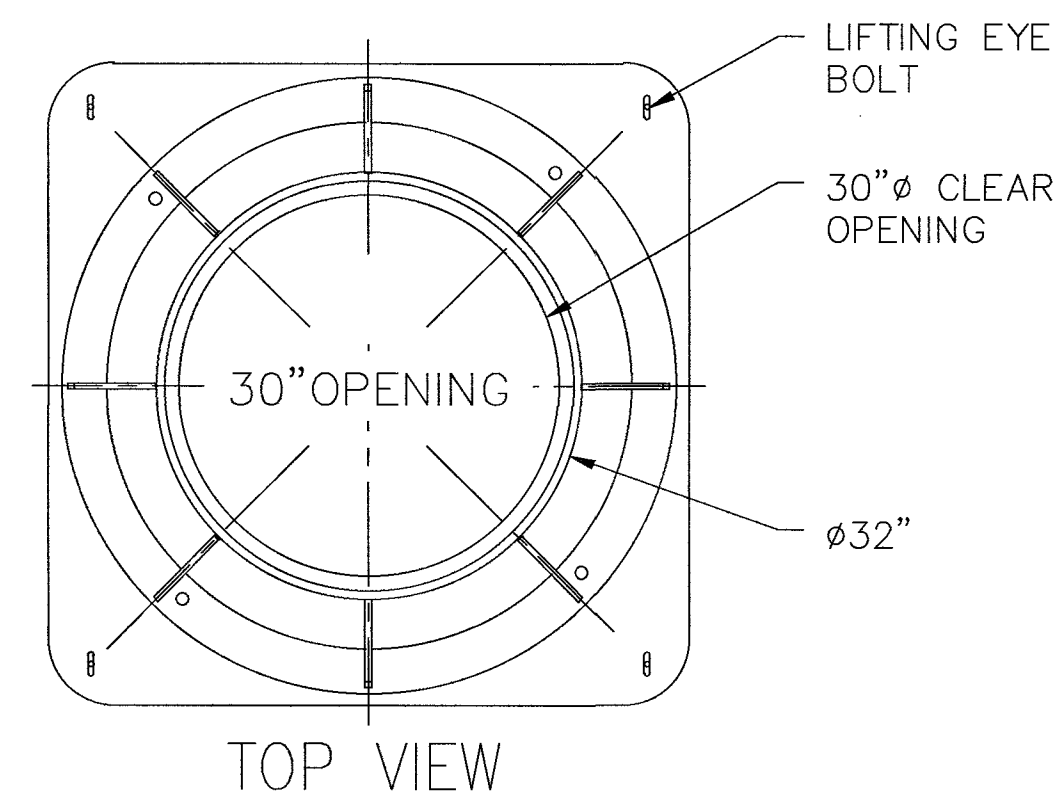
HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 4 OF 15

FILE: LSV SUMMERLIN MRO - 02-19-19



		13230 SATICOY STREET NORTH HOLLYWOOD, CA 91605 (818) 982-3500		PART DESCRIPTION 4'X4'X4' POLYMER CONCRETE MANHOLE ASSEMBLY W/ EXTENSION	
ARMORCAST PRODUCTS COMPANY		CUSTOMER MCI		MAX. LOAD AASHTO H-20	
DRAWN GL	DATE 8/17	SCALE NONE	MATERIAL FRP,RPM	DRAWING NUMBER A6000514HTAPMC13	



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SHEET 5 OF 15

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MAVERICON ONEFIBER\LAS VEGAS\LSV HUALAPAI\LSV SUMMERLIN MRO\CONSTRUCTION DRAWINGS

CELL SITE: LSV SUMMERLIN MRC

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SCALE

HORIZONTAL: 1"=30'

VERTICAL:	NA
-----------	----

MP TO MP

SHEET 6 OF 15

FILE: LSV SUMMERLIN MRO -
02-19-19

Diagram illustrating the exploded view of a vault assembly, showing various components and their dimensions:

- SEE DETAIL "A-3" THIS SHEET**
- NON-SKID SURFACE**
- EMS MARKER 3M CAT #1411 (ONE SIDE ONLY)**
- LOCK DOWN DEVICE AND DIRT SHIELD SEE DETAIL "A-1" THIS SHEET**
- UNISTRUT CHANNEL SUPPORT BEAM 1.625" X 1" X .33" (3 REQUIRED)**
- .375" INSERT**
- SEE DETAIL "A-4" THIS SHEET**
- 30"**
- 4.75"**
- 5.625"**
- 4.50" BELL ENDS W/ PVC PLUG. BELL ENDS TO ACCOMMODATE SCHED. 40 PVC (BOTH ENDS)**
- 2" KNOCKOUT (BOTH ENDS)**
- 2.50" KNOCKOUT (BOTH ENDS)**
- LIFTING BOLTS (TYP. 4 PLACES)**
- LOCKING BEAM (CENTER ONLY)**
- SEE DETAIL "A-2" THIS SHEET**
- REINFORCED POLYMER MORTAR FRAME (RPM) BONDED TO VAULT BY MANUFACTURER**
- FIBERGLASS REINFORCED PLASTIC VAULT (FRP)**
- 3" REINFORCED RIB**
- TWO PIECE REINFORCED POLYMER MORTAR (RPM) COVER FOR 20,000 LBS. LOADING WEIGHT**
- LIFTING SLOT 4" X 2" WITH CENTER PIN**
- MCI 1-800-624-9675**
- .75 IN.**
- .50 IN.**
- 60"**
- 30"**

PLAN

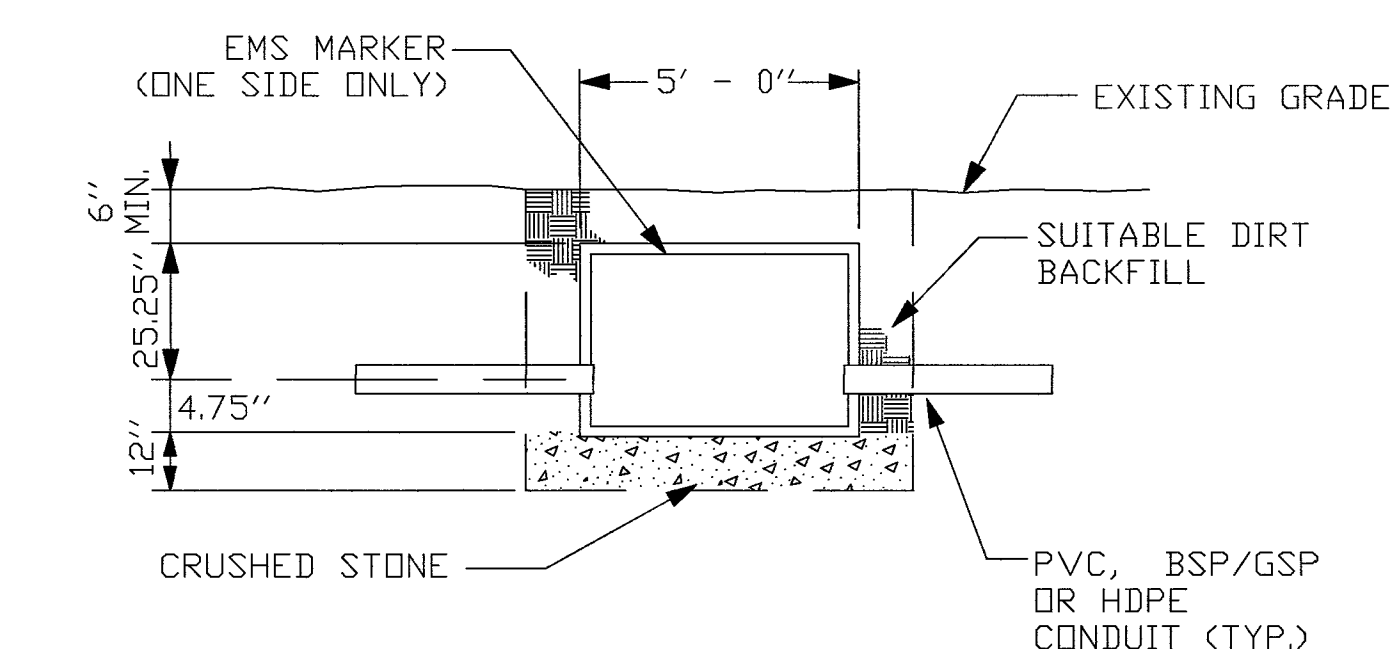
SUITABLE DIRT BACKFILL

7' - 0"

5' - 0"

HANDHOLE

PROFILE



NEOPRENE RUBBER
4" X 1.50" X .25"

A

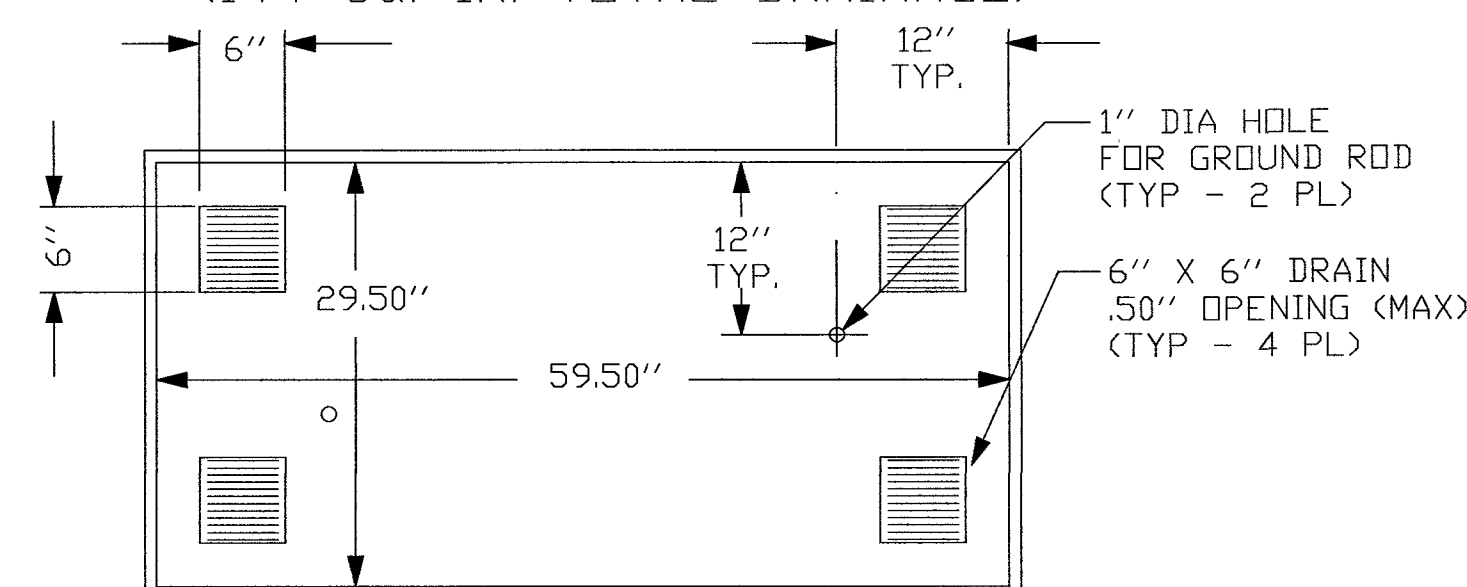
.1875" SCREW
WITH FLAT WASHER

The diagram shows a top-down view of the assembly. A rectangular block represents the neoprene rubber, with dimensions 4" x 1.50" x .25". A screw with a flat washer is shown passing through the rubber and the base plate. The screw is labeled ".1875" SCREW WITH FLAT WASHER". A label "A" points to the left edge of the rubber block.

DETAIL "B"

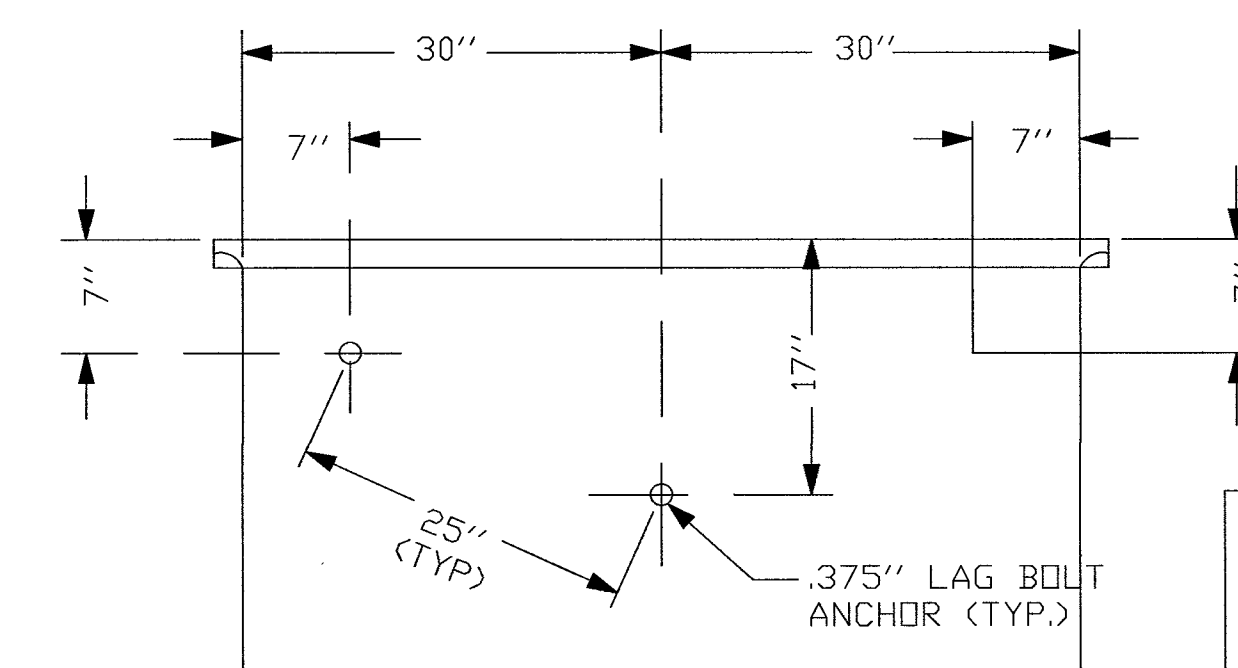
VAULT BOTTOM
PLAN VIEW

(144 SQ. IN. TOTAL DRAINAGE)



DETAIL "D"

SIDE WALL VIEW
INSIDE LOOKING OUT



NOTE:

LINEAR DISTANCE BETWEEN
LAG BOLT ANCHORS MUST
BE 25".

DETAIL "A-2"

NEOPRENE COVER

.50" STAINLESS STEEL
ACME THD. BOLT &
CAPTURE NUT W/
STAINLESS END CAP
(SELF CLEANING)

P1000 UNISTRUT

DETAIL "A-3"

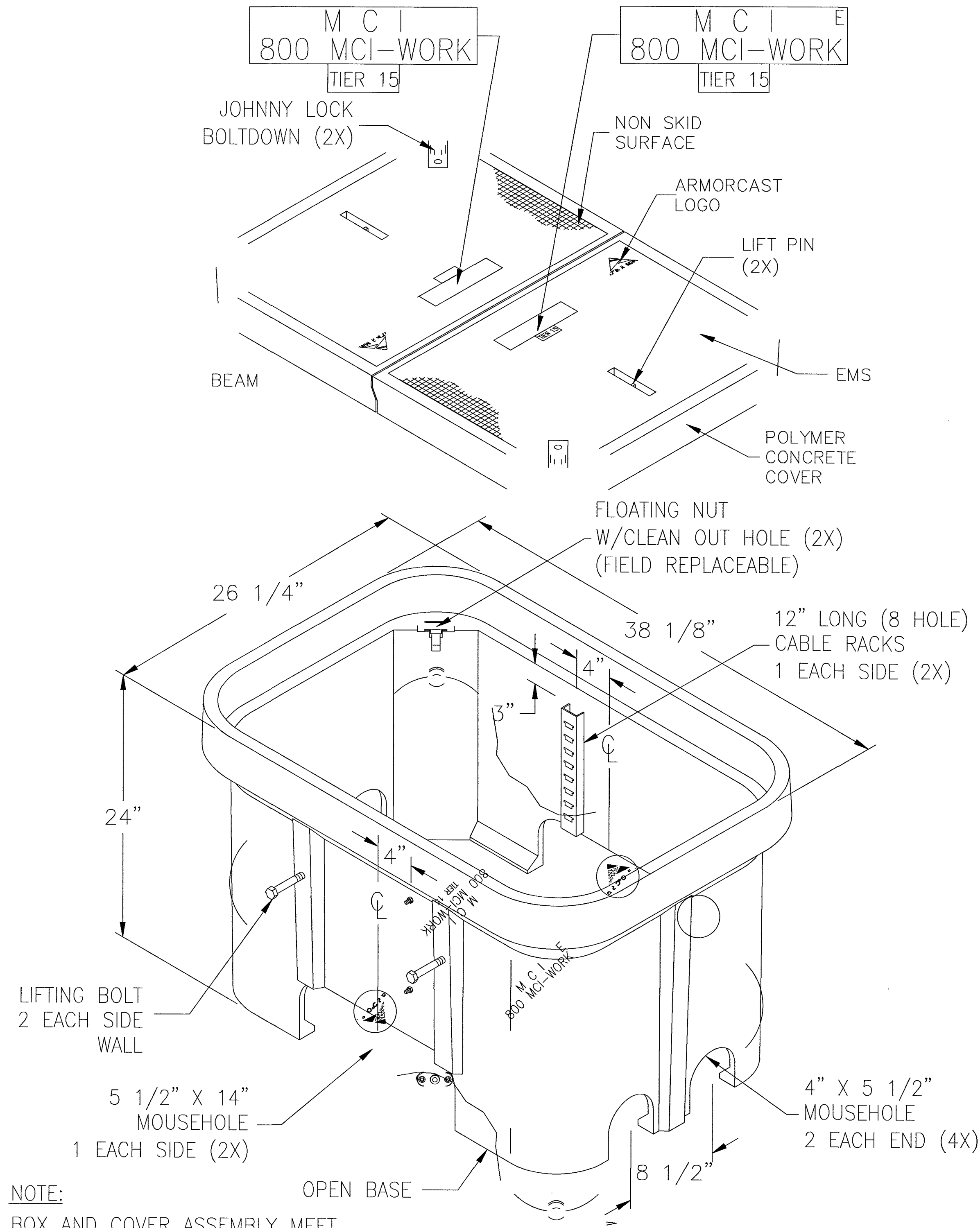
Diagram illustrating the bottom view of the cover assembly. The diagram shows the internal structure of the cover, including the base and the internal support structure. Key components labeled include:

- .375" INSERT (TYP-4 PLACES) (LS)**: Points to the four vertical support posts.
- .75" X 1.25" HEX BOLT WITH NUT, AND WASHER**: Points to the bolts securing the cover to the base.
- COVER HOLD DOWN BRACKET (HOT DIPPED GALV) (2 REQ'D)**: Points to the two brackets used to secure the cover.

DETAIL "A-4"

NOTES:

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



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

13230 Saticoy 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

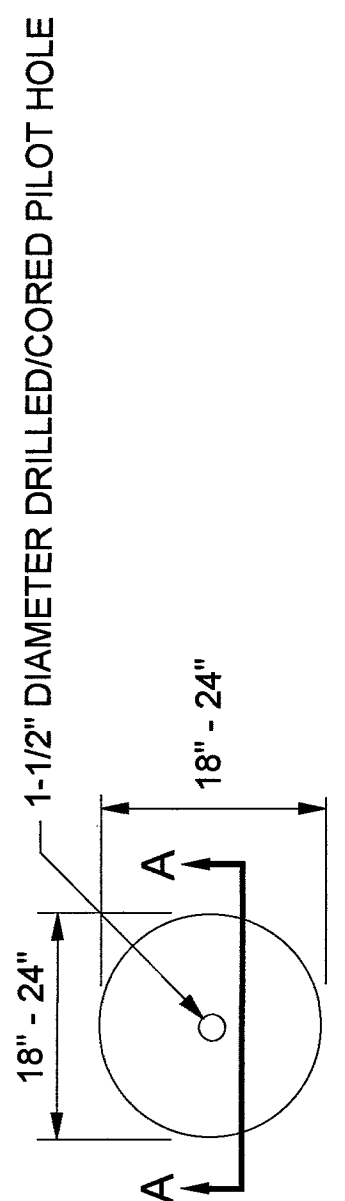
CUSTOMER
VERIZON

DRAWN GL	DATE 6/17	SCALE NONE	MAX. LOAD TIER 15
APPROV. WS	6/17	MATERIAL POLYMER CONCRETE	DRAWING NUMBER A6001974TAPMCI3

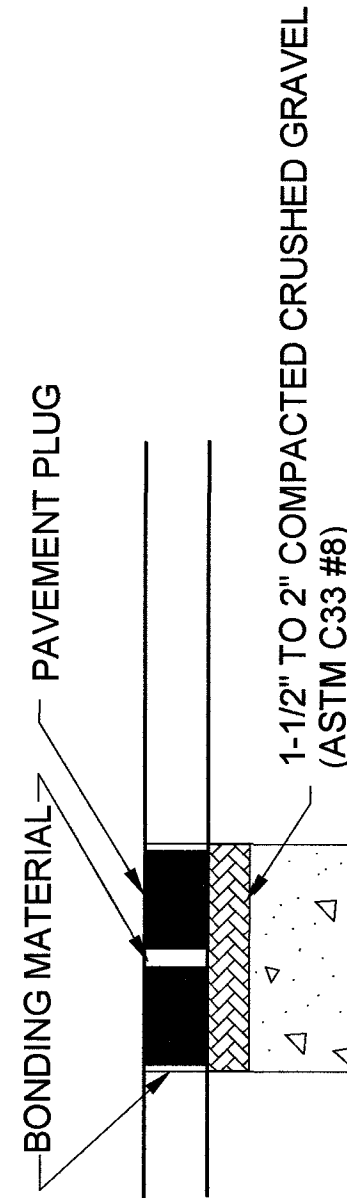
TYPE B - KEYHOLE REPAIR
REQUIRED FOR ROW WIDTH GREATER THAN 60'
OPTIONAL FOR ROW WIDTH 60' OR LESS

NOTES:

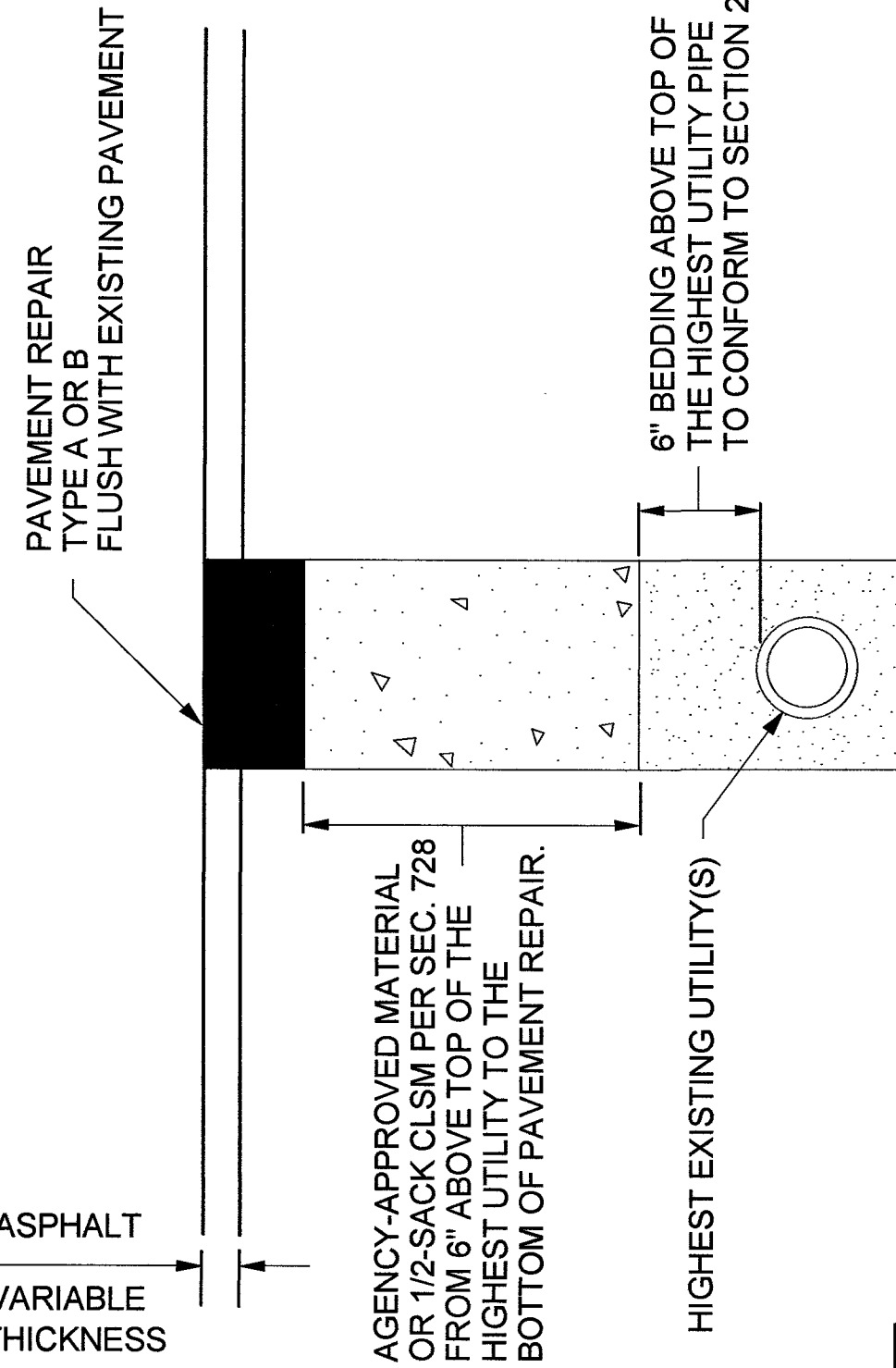
1. CUT AND REMOVE PAVEMENT PLUG WITH AN APPROVED KEYHOLE CORING DEVICE. PAVEMENT TO BE CORED SHALL CONTAIN NO CRACKS AND SHALL BE AT LEAST 4" THICK. IF PLUG IS DAMAGED OR IS LESS THAN 4" THICK, REPLACE PLUG WITH A "FARMED" ASPHALT PLUG FROM AN APPROVED SITE. FARMED PLUGS SHALL BE AT LEAST 4" THICK AND AT LEAST ONE INCH THICKER THAN EXISTING ASPHALT.
2. BONDING MATERIAL SHALL BE A SINGLE COMPONENT CEMENTITIOUS RAPID HARDENING, HIGH STRENGTH, WATERPROOF BONDING AGENT THAT ALLOWS THE CORE TO SUPPORT AT LEAST THREE TIMES AS MUCH H-25 LOADING WITHIN 30 MINUTES OF APPLICATION. BOND AGENT MUST SHOW A MINIMUM 20 PSI BOND STRENGTH (ASTM C882) AND A MINIMUM 200 PSI COMPRESSIVE STRENGTH (ASTM C109) IN 30 MINUTES.
3. AGENCY-APPROVED BACKFILL BELOW REPAIR SHALL BE PER SECTION 215.
4. FILL KEYHOLE WITH BONDING MATERIAL DURING REPAIR.
5. PRIOR AGENCY APPROVAL IS REQUIRED FOR MULTIPLE KEYHOLE REPAIRS WITHIN A GIVEN ROADWAY SEGMENT.
6. A 5 YEAR WARRANTY IS REQUIRED ON ALL REPAIRS.



POTHOLE PLAN VIEW
(NOMINAL DIMENSIONS)



POTHOLE PROFILE

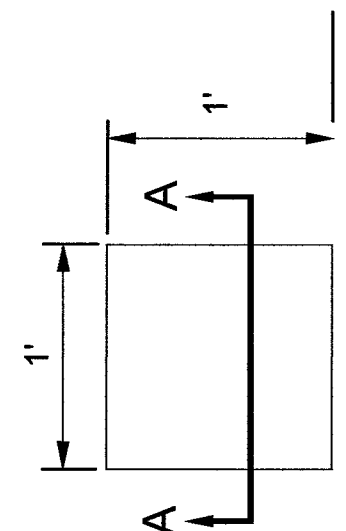


SECTION A-A

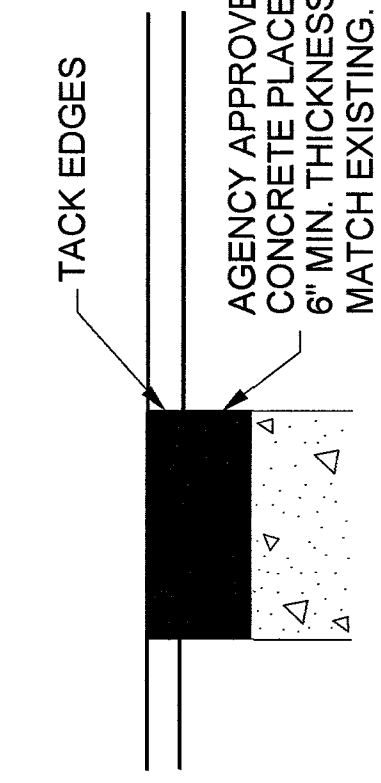
TYPE A - CUT & PATCH REPAIR
OPTIONAL FOR ROW WIDTH 60' OR LESS

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

POTHOLE PLAN VIEW
(NOMINAL DIMENSIONS)



POTHOLE PROFILE



SPECIFICATION REFERENCE		AGENCY APPROVED						
215	KEYHOLE POTHOLE EXCAVATION AND BACKFILL	B	C	H	L	M	N	
		UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA						
		UTILITY POTHOLE REPAIR						
		DATE 01-01-12	DWG. NO.	506				



CITY OF LAS VEGAS, NEVADA
CLARIFICATION NO. QUANTITY

MCI
COMMUNICATIONS SERVICES, INC.
OUTSIDE PLANT CONSTRUCTION
HUB: LSV HUALAPAI - CELL SITE: LSV SUMMERLIN MRO

DATE: 2/19/2019
DRAWN BY: CMENDOZA

REVISIONS		
DATE	DESCRIPTION	INITIAL

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SCALE
HORIZONTAL: 1"=30'
VERTICAL: NA
MP TO MP
SHEET 7 OF 15

FILE: LSV SUMMERLIN MRO -
02-19-19

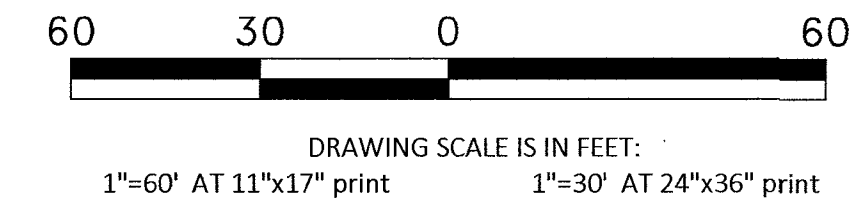
RTC NOTES:

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

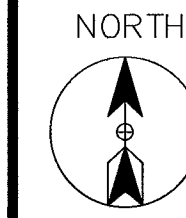
- 1) 500.1 0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
- 2) 500.2 0 TO 5 YEARS PAVEMENT RESTORATION TRAVERSE CUT
- 3) 500.3 OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, GREATER THAN 60' R.O.W
- 4) 500.4 OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, 60' R.O.W OR LESS
- 5) 500.5 OVER 5 YEARS PAVEMENT RESTORATION TRAVERSE ALL R.O.W WIDTHS
- 6) 501 TYPICAL UNDERGROUND UTILITY LOCATIONS IN RESIDENTIAL STREETS 60' OR LESS R.O.W
- 7) 501.1 TYPICAL UTILITY UNDERGROUND LOCATIONS IN STREETS WITH GREATER THAN 60' R.O.W
- 8) 503 METHOD B FOR RIGID AND FLEXIBLE PIPE TRENCH BACKFILL - PAVED AREAS
- 9) 503.1 METHOD A FOR FLEXIBLE PIPE TRENCH BACKFILL - PAVED AREAS
- 10) 503.2 METHOD A FOR RIGID PIPE TRENCH BACKFILL - PAVED AREAS
- 11) 234 SIDEWALK
- 12) BACKFILL IN UNPAVED AREA AS REQUIRED BY LOCAL CODE OR AS APPROVED BY AGENCY.

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

CONSTRUCTION DRAWINGCITY OF LAS VEGAS, NEVADA



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



CELL SITE: LSV SUMMERLIN MRO

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	6'
2.5" HDPE CONDUIT:	-
4" HDPE CONDUIT:	20'
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	-
4' x 4' x 4' MANHOLE(S):	1
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	710'
TRENCH:	20'
TOTAL NEW UG FOOTAGE:	20'
TOTAL FOOTAGE:	730'

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

HUB: LSV HUALAPAI - CELL SITE: LSV SUMMERLIN MRO

DATE: 2/19/2019

DRAWN BY: CMENDOZA

REVISIONS

DATE	DESCRIPTION	INITIAL

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SCALE

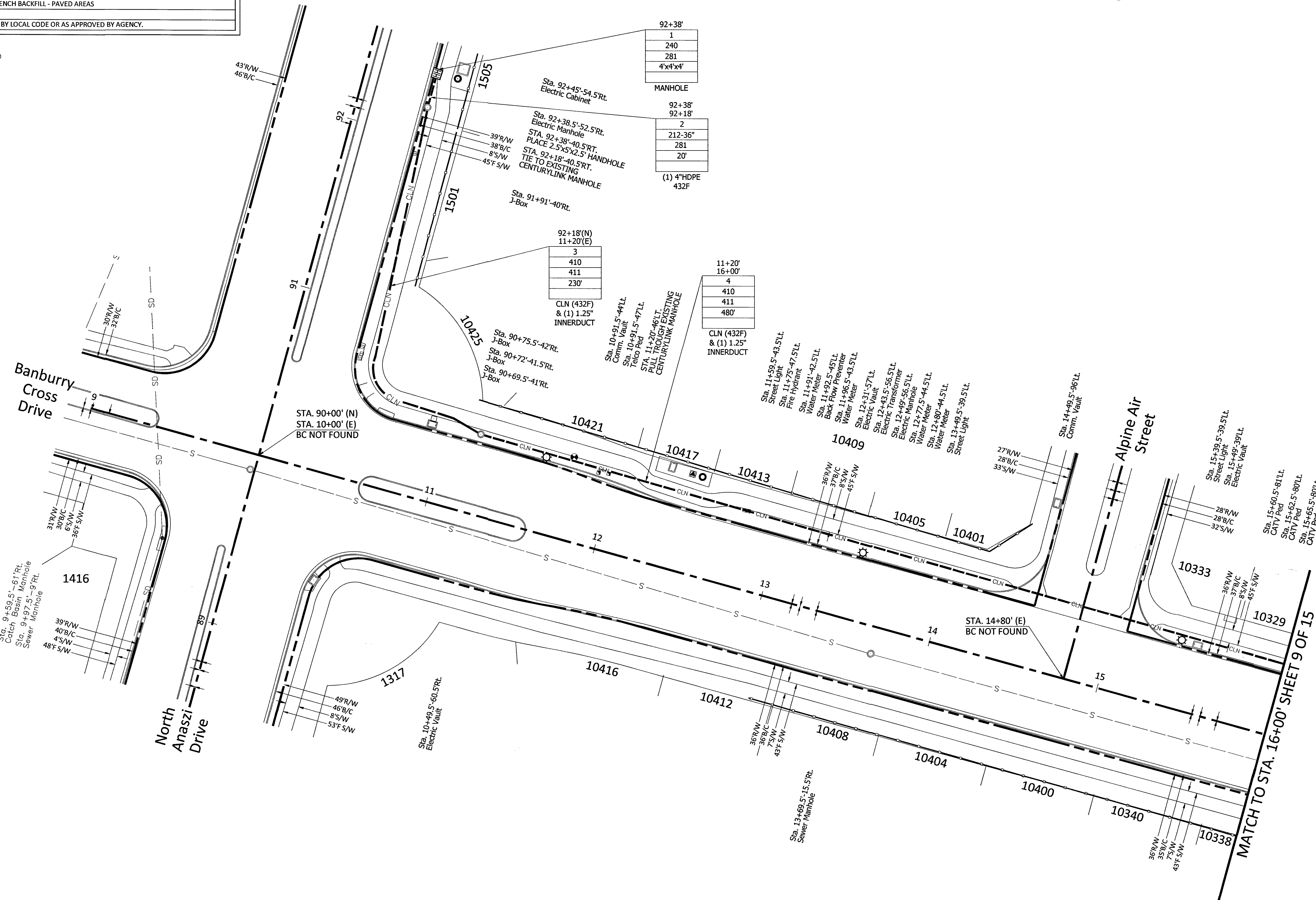
HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 8 OF 15

FILE: LSV SUMMERLIN MRO -
02-19-19

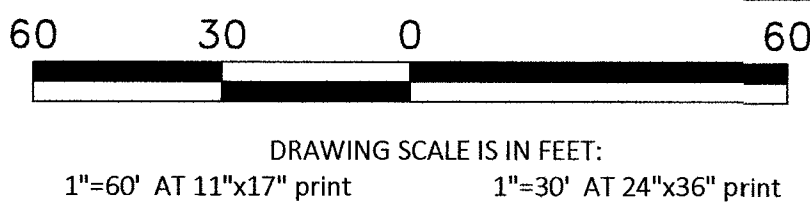


TRENCH DETAIL

The diagram shows a cross-section of a trench. The top surface is labeled "EXISTING" on the left and "GRADE" on the right. The trench is filled with "SACK SLURRY BACKFILL". A "WARNING TAPE" is located at the top of the backfill. A "1-2.5\" CONDUIT" is shown at the bottom of the trench. Dimensions are indicated: 36\" MIN. for the total depth, 18\" MIN. for the backfill depth, 2\" MIN. for the top layer of backfill, and 12\" MIN. for the trench width. Arrows indicate the direction of flow or placement.

CONSTRUCTION DRAWING

CITY OF LAS VEGAS, NEVADA



CELL SITE: LSV SUMMERLIN MRO

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	182'
2.5" HDPE CONDUIT:	27'
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	2
4' x 4' x 4' MANHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	863'
TRENCH:	27'
BORE:	170'
TOTAL NEW UG FOOTAGE:	197'
TOTAL FOOTAGE:	1,060'

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION
HUB: LSV HUALAPAI - CELL SITE: LSV SUMMERLIN MRO

DATE: 5/2/2019

DRAWN BY: JJAMES

REVISIONS

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SCALE

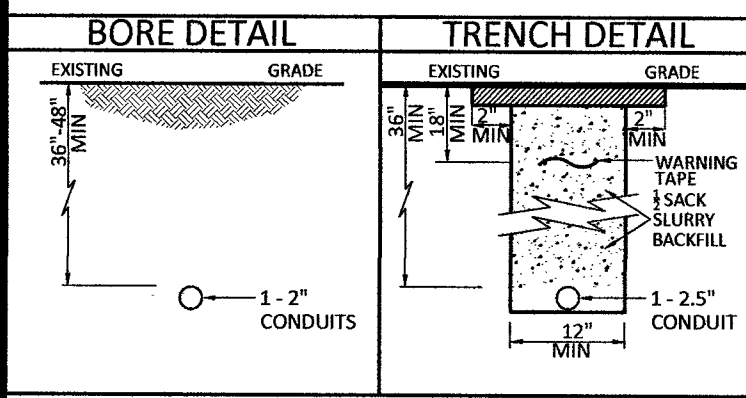
HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 10 OF 15

FILE: LSV SUMMERLIN MRO

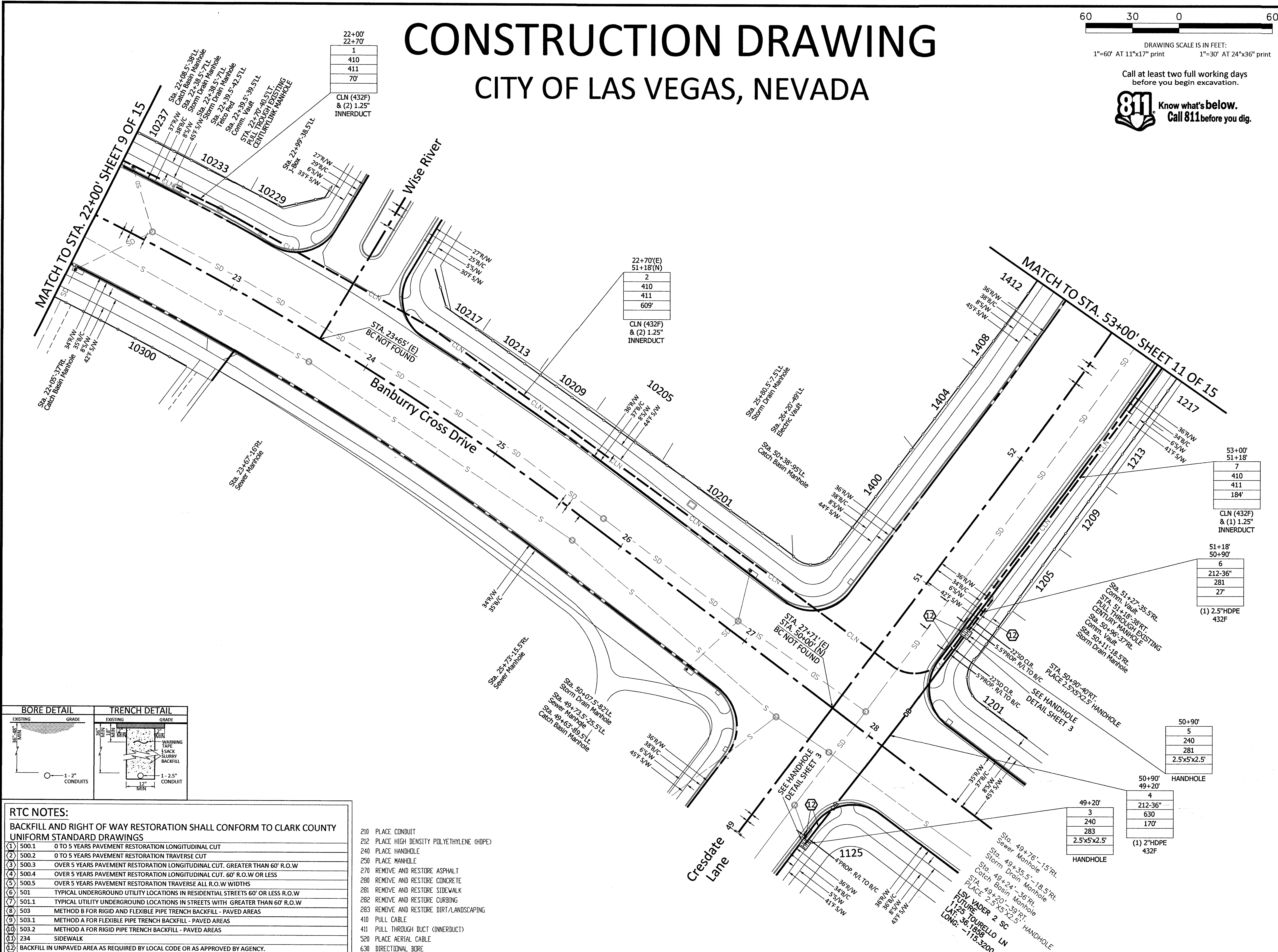


RTC NOTES:

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 OR LESS
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



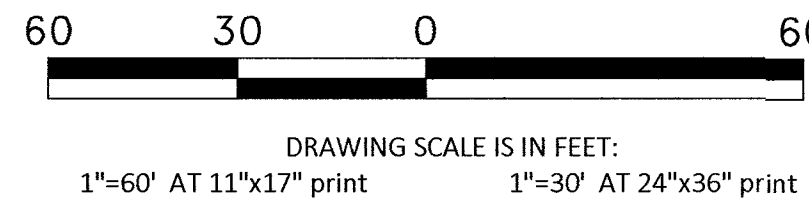
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520	PLACE AERIAL CABLE
630	DIRECTIONAL BORE

CONSTRUCTION DRAWING CITY OF LAS VEGAS, NEVADA



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



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



CELL SITE: LSV SUMMERLIN MRO

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	-
2.5" HDPE CONDUIT:	-
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	-
4' x 4' x 4' MANHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	507'
TRENCH:	-
TOTAL NEW UG FOOTAGE:	-
TOTAL FOOTAGE:	507'

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

HUB: LSV HUALAPAI - CELL SITE: LSV SUMMERLIN MRO

DATE: 2/19/2019

DRAWN BY: CMENDOZA

REVISIONS

DATE	DESCRIPTION	INITIAL

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SCALE

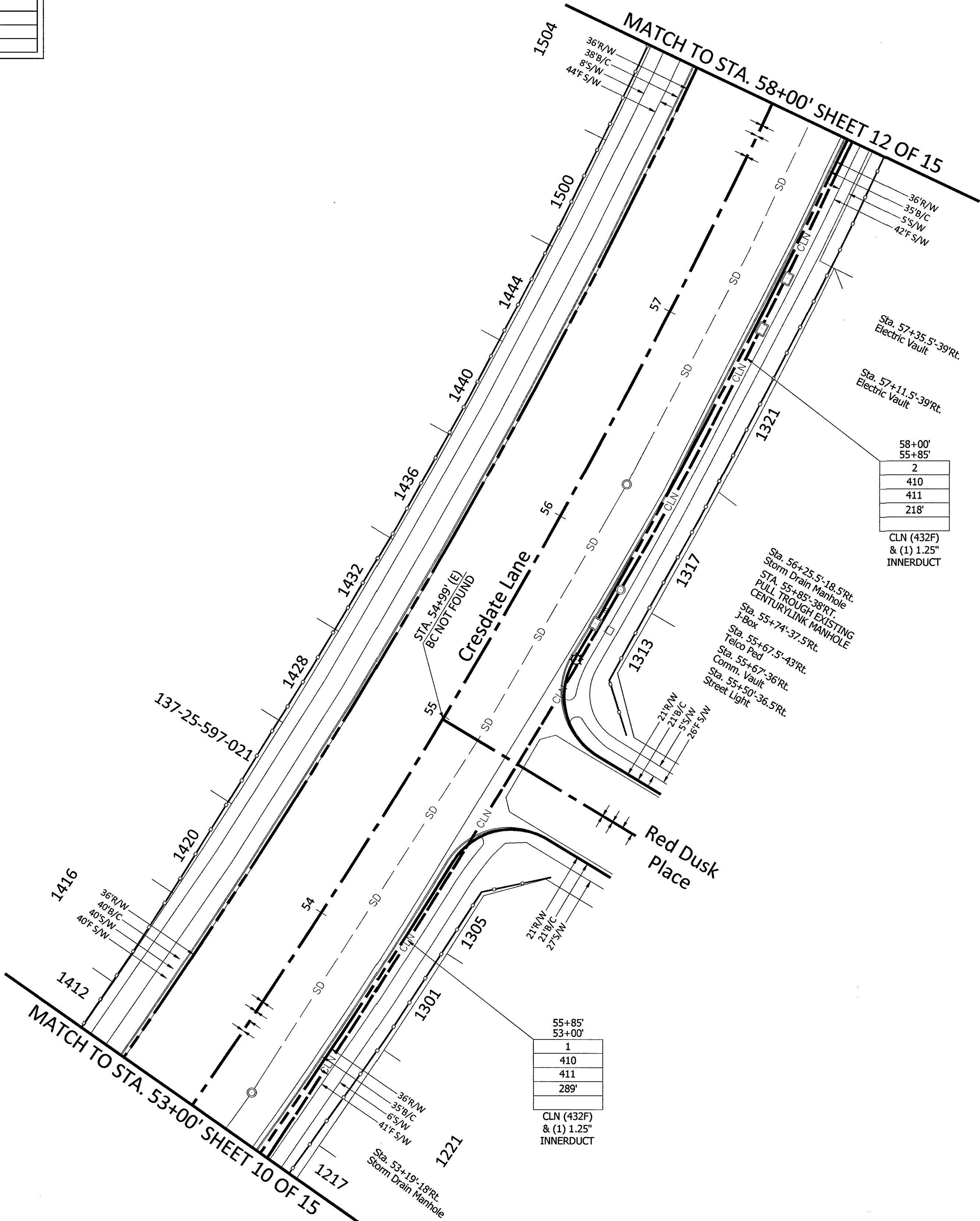
HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 11 OF 15

FILE: LSV SUMMERLIN MRO -
02-19-19



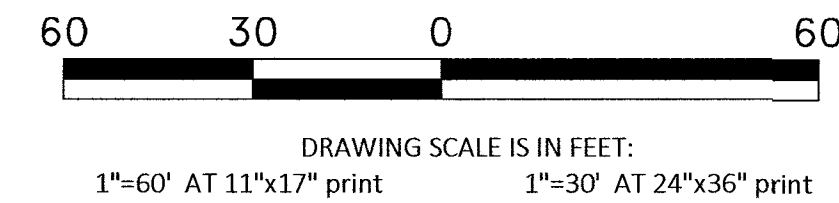
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CONSTRUCTION DRAWING CITY OF LAS VEGAS, NEVADA



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CITY OF LAS VEGAS, NEVADA

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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:	501'
TRENCH:	20'
TOTAL NEW UG FOOTAGE:	20'
TOTAL FOOTAGE:	521'

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

HUB: LSV HUALAPAI - CELL SITE: LSV SUMMERLIN MRO

DATE: 2/19/2019

DRAWN BY: CMENDOZA

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WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE

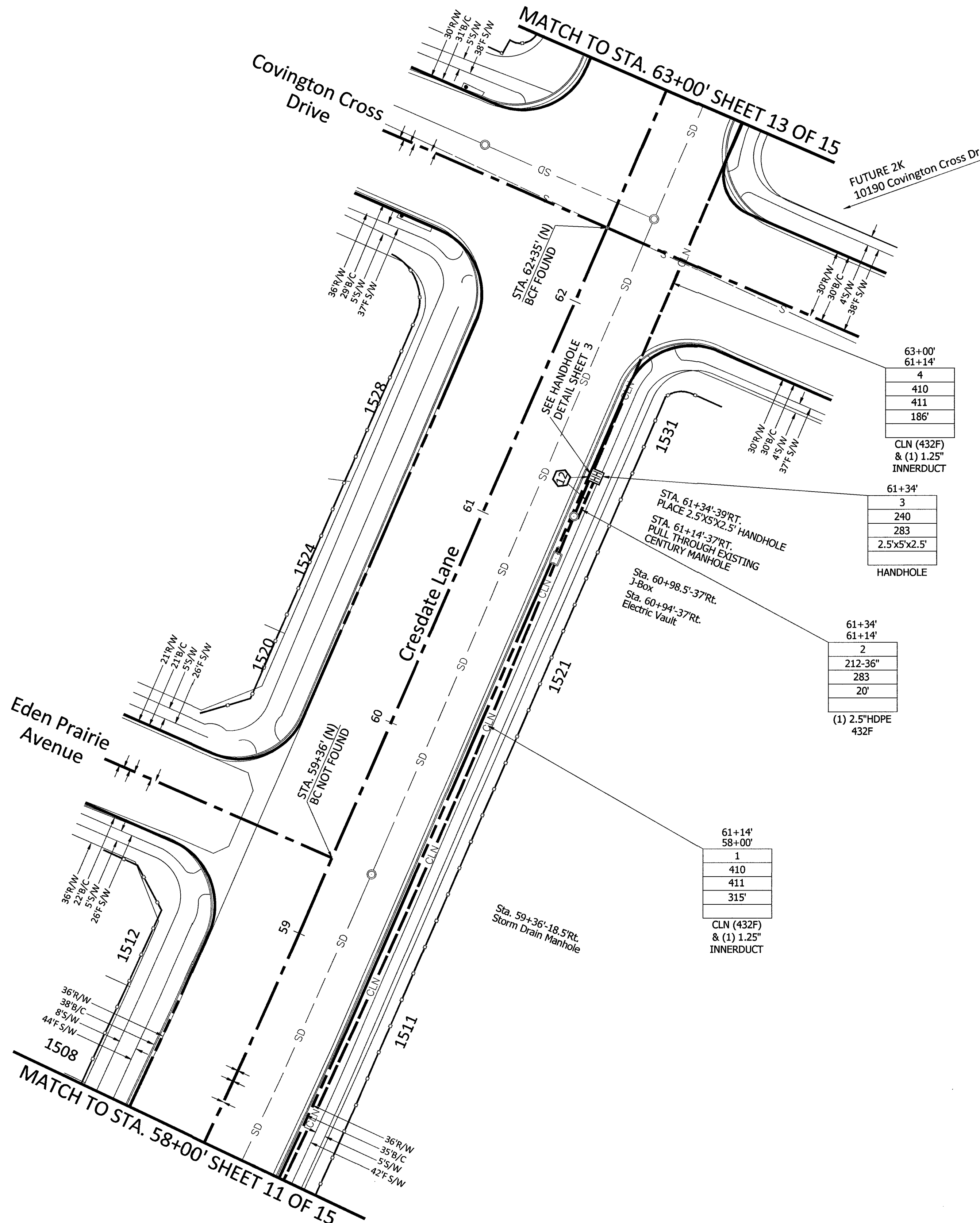
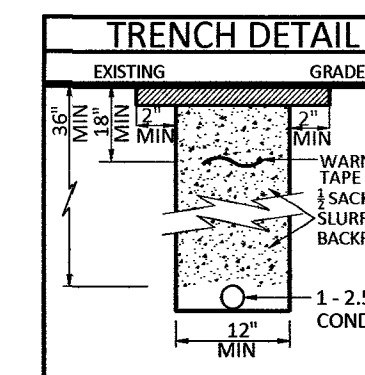
HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 12 OF 15

FILE: LSV SUMMERLIN MRO -
02-19-19

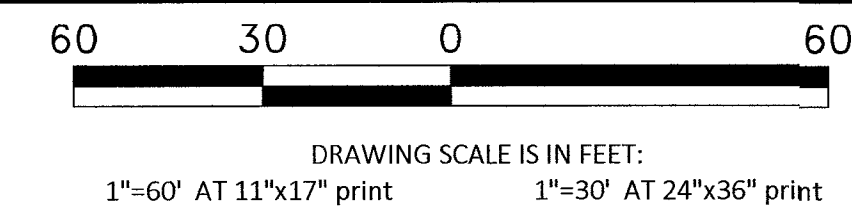
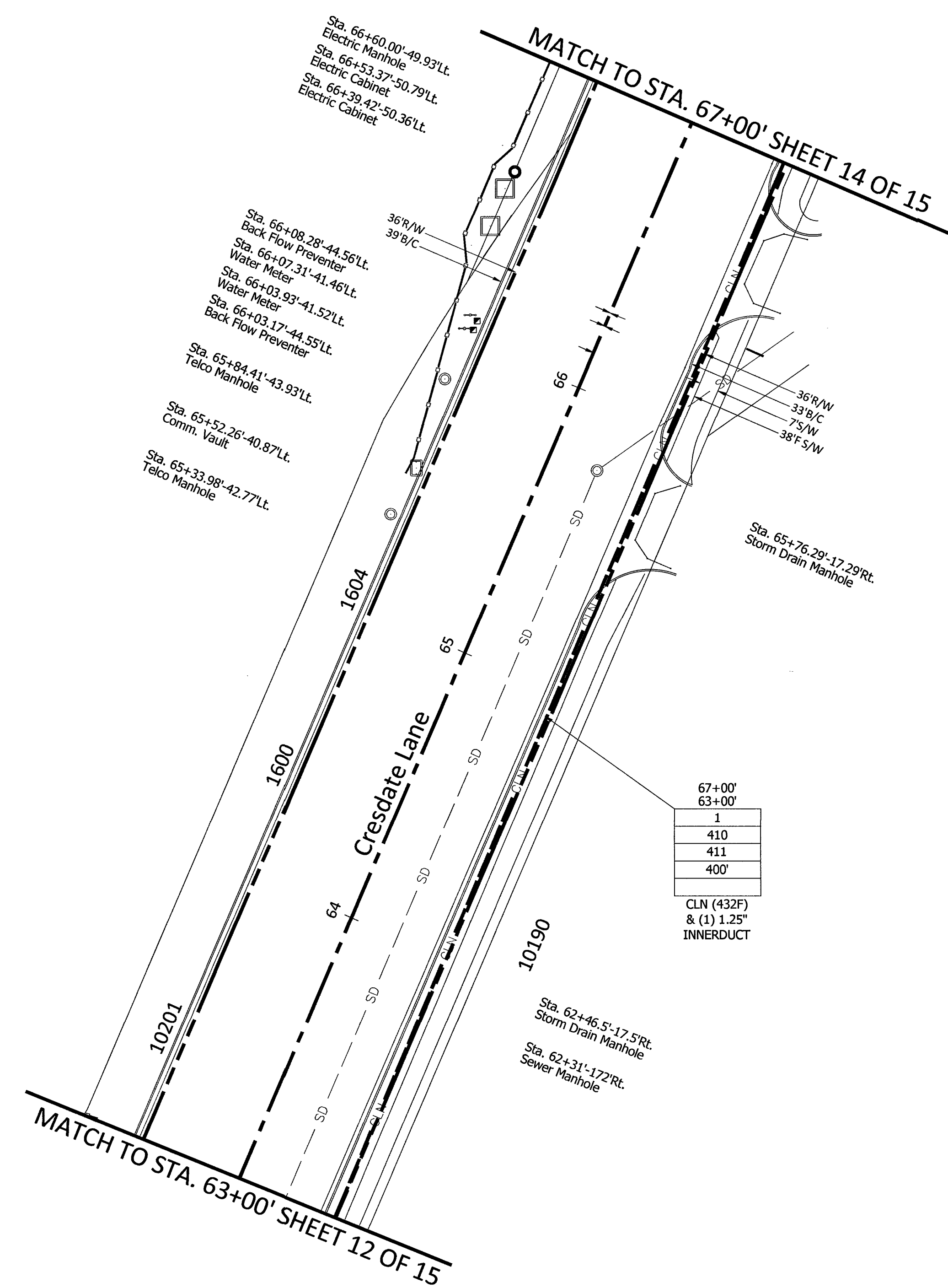


RTC NOTES:	
BACKFILL AND RIGHT OF WAY RESTORATION SHALL CONFORM TO CLARK COUNTY UNIFORM STANDARD DRAWINGS	
500.1	0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
500.2	0 TO 5 YEARS PAVEMENT RESTORATION TRAVERSE CUT
500.3	OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, GREATER THAN 60' R.O.W
500.4	OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, 60' R.O.W OR LESS
500.5	OVER 5 YEARS PAVEMENT RESTORATION TRAVERSE ALL R.O.W WIDTHS
501	TYPICAL UNDERGROUND UTILITY LOCATIONS IN RESIDENTIAL STREETS 60' OR LESS R.O.W
501.1	TYPICAL UTILITY UNDERGROUND LOCATIONS IN STREETS WITH GREATER THAN 60' R.O.W
503	METHOD B FOR RIGID AND FLEXIBLE PIPE TRENCH BACKFILL - PAVED AREAS
503.1	METHOD A FOR FLEXIBLE PIPE TRENCH BACKFILL - PAVED AREAS
503.2	METHOD A FOR RIGID PIPE TRENCH BACKFILL - PAVED AREAS
234	SIDEWALK
BACKFILL IN UNPAVED AREA AS REQUIRED BY LOCAL CODE OR AS APPROVED BY AGENCY.	

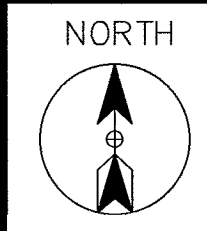
- 210 PLACE CONDUIT
212 PLACE HIGH DENSITY POLYETHYLENE (HDPE)
240 PLACE HANDHOLE
250 PLACE MANHOLE
270 REMOVE AND RESTORE ASPHALT
280 REMOVE AND RESTORE CONCRETE
281 REMOVE AND RESTORE SIDEWALK
282 REMOVE AND RESTORE CURBING
283 REMOVE AND RESTORE DIRT/LANDSCAPING
410 PULL CABLE
411 PULL THROUGH DUCT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

CONSTRUCTION DRAWING

CITY OF LAS VEGAS, NEVADA



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



CELL SITE: LSV SUMMERLIN MRO

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO.	QUANTITY
SHEET TOTAL	
2" HDPE CONDUIT:	-
2.5" HDPE CONDUIT:	-
4" HDPE CONDUIT:	-
2' x 3' x 2' HANDHOLE(S):	-
2.5' x 5' x 2.5' HANDHOLE(S):	-
4' x 4' x 4' MANHOLE(S):	-
MANHOLE(S):	-
AERIAL:	-
VZW CONDUIT:	-
3RD PARTY CONDUIT:	400'
TRENCH:	-
TOTAL NEW UG FOOTAGE:	-
TOTAL FOOTAGE:	400'

MCI COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

HUB: LSV HUALAPAI - CELL SITE: LSV SUMMERLIN MRO

DATE: 2/19/2019

DRAWN BY: CMENDOZA

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 13 OF 15

FILE: LSV SUMMERLIN MRO - 02-19-19

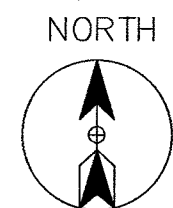
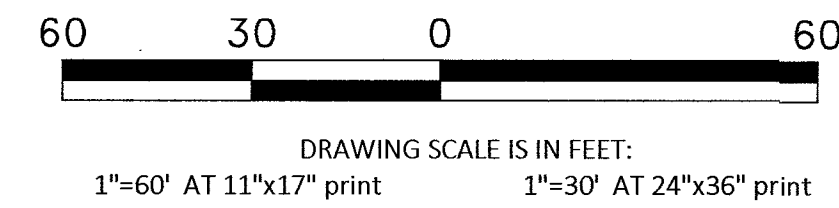
RTC NOTES:

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
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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 MANHOLE
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.



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



CELL SITE: LSV SUMMERLIN MRO

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:	480'
TRENCH:	20'
TOTAL NEW UG FOOTAGE:	20'
TOTAL FOOTAGE:	500'

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

HUB: LSV HUALAPAI - CELL SITE: LSV SUMMERLIN MRO

DATE: 2/19/2019

DRAWN BY: CMENDOZA

REVISIONS

DATE	DESCRIPTION	INITIAL

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SCALE

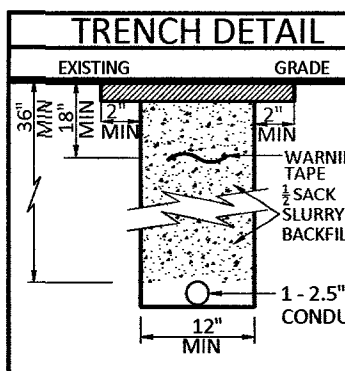
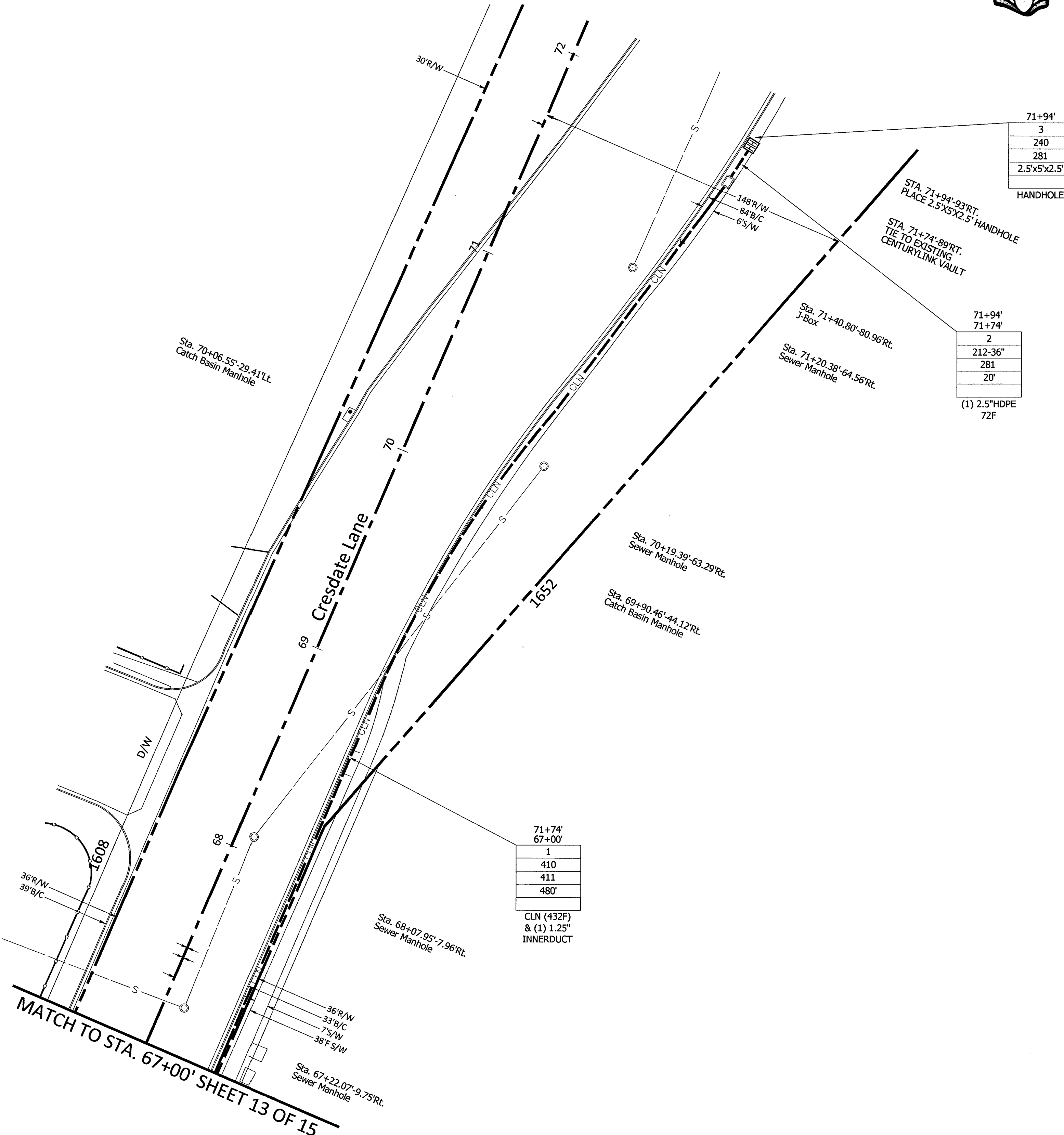
HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 14 OF 15

FILE: LSV SUMMERLIN MRO - 02-19-19



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 SUMMERLIN MRO

CITY OF LAS VEGAS, NEVADA

CLARIFICATION NO. QUANTITY

FIBER TOTALS

FIBER SIZE/LENGTH: 432F/5,266'

FIBER SIZE/LENGTH: 72F/260'

MCI
COMMUNICATIONS SERVICES, INC.

OUTSIDE PLANT CONSTRUCTION

HUB: LSV HUALAPAI - CELL SITE: LSV SUMMERLIN MRO

DATE: 2/19/2019

DRAWN BY: CMENDOZA

REVISIONS

DATE	DESCRIPTION	INITIAL

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SCALE

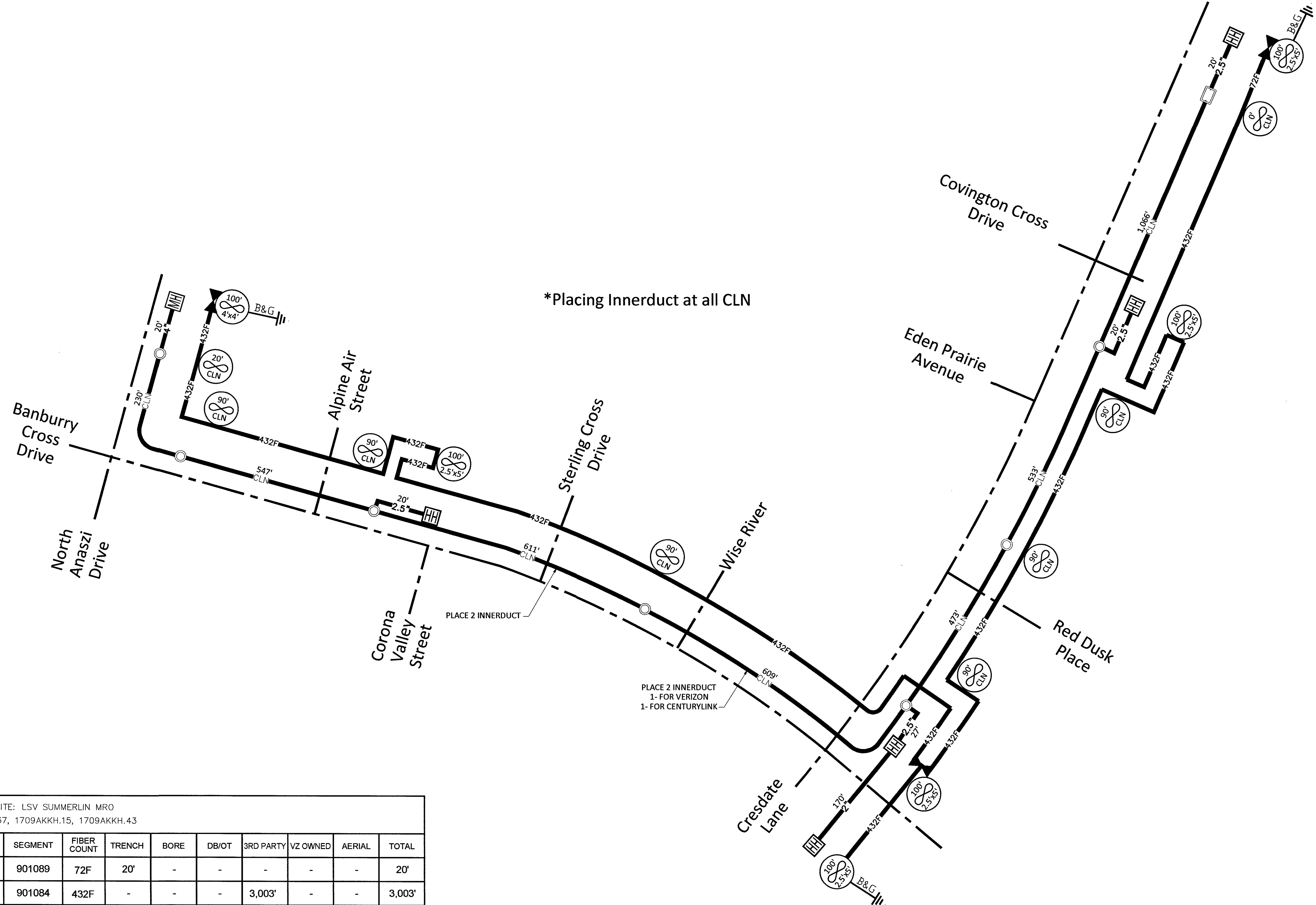
HORIZONTAL: 1"=30'

VERTICAL: NA

MP TO MP

SHEET 15 OF 15

FILE: LSV SUMMERLIN MRO -
02-19-19



SITE-SPAN NAME: CELL SITE: LSV SUMMERLIN MRO									
SITE-SPAN ID: 1709AKKH.37, 1709AKKH.15, 1709AKKH.43									
FQID	SEGMENT	FIBER COUNT	TRENCH	BORE	DB/OT	3RD PARTY	VZ OWNED	AERIAL	TOTAL
FIB:BUR::56000414	901089	72F	20'	-	-	-	-	-	20'
FIB:BUR::56000270	901084	432F	-	-	-	3,003'	-	-	3,003'
FIB:BUR::56000270	901220	432F	20'	-	-	-	-	-	20'
FIB:BUR::56000413	901085	432F	27'	170'	-	-	-	-	197'
FIB:BUR::56000270	901221	432F	20'	-	-	-	-	-	20'
FIB:BUR::56000272	901086	432F	-	-	-	1,066'	-	-	1,066'
FIB:BUR::56000102	901087	72F	20'	-	-	-	-	-	20'

MAVERIZON ONE FIBER LAS VEGAS LSV HUALAPAI LSV SUMMERLIN MRO CONSTRUCTION DRAWINGS