



MCI METRO ACCESS TRANSMISSION SERVICES

DRY UTILITY / FIBER OPTIC CONSTRUCTION PLANS

TOWN OF CASTLE ROCK PROJECT NO. CD26-0042

SITE NAME:

DN1456_DN2002BA_61LAB_5349

2420 AUTUMN SAGE ST

CASTLE ROCK, CO. 80108

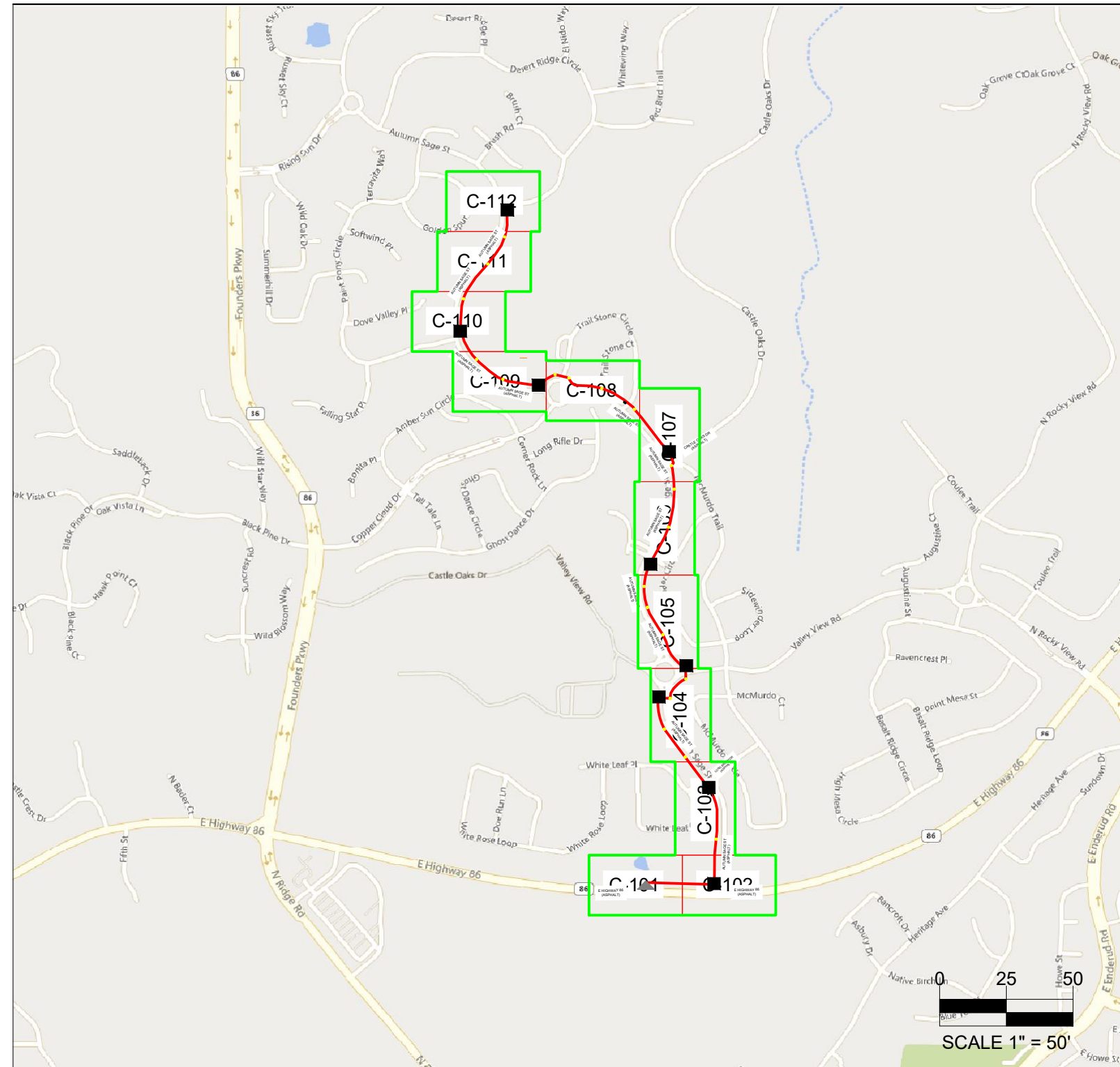
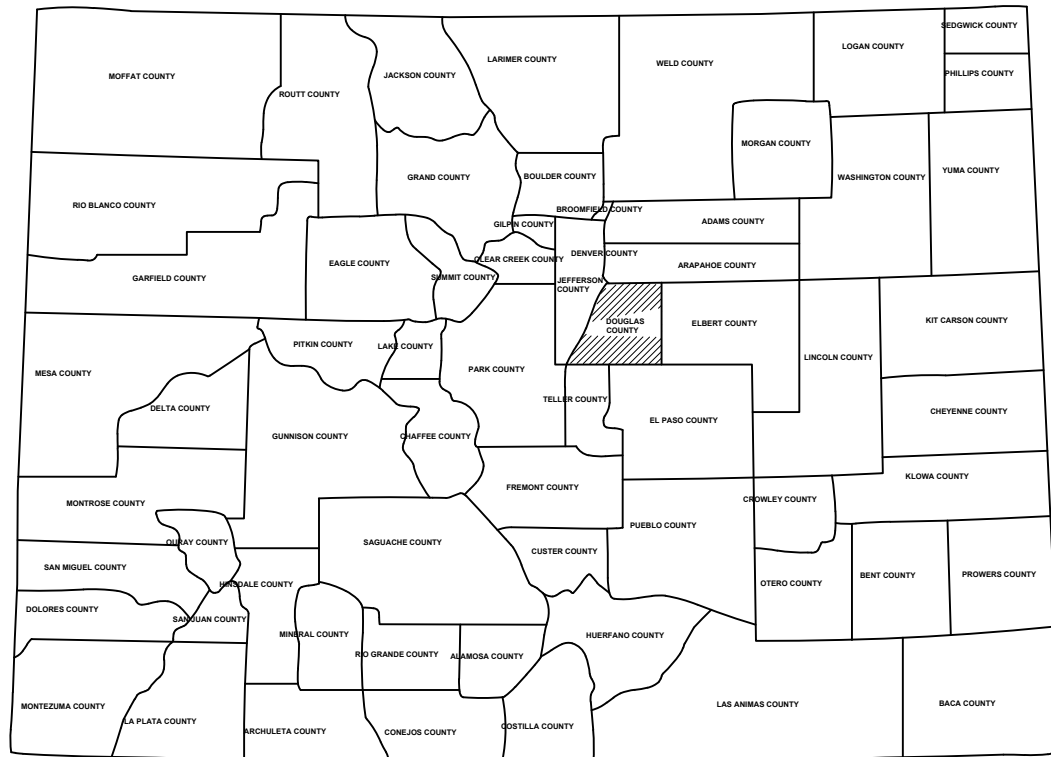
MCI METRO TERRAIN FIBER-AUTUMN SAGE

LATITUDE: 39.38991 LONGITUDE:-104.82329

NEW CONDUIT TOTAL FOOTAGE: 7206 FT

EXISTING CONDUIT TOTAL FOOTAGE: 0 FT

CASTLE ROCK



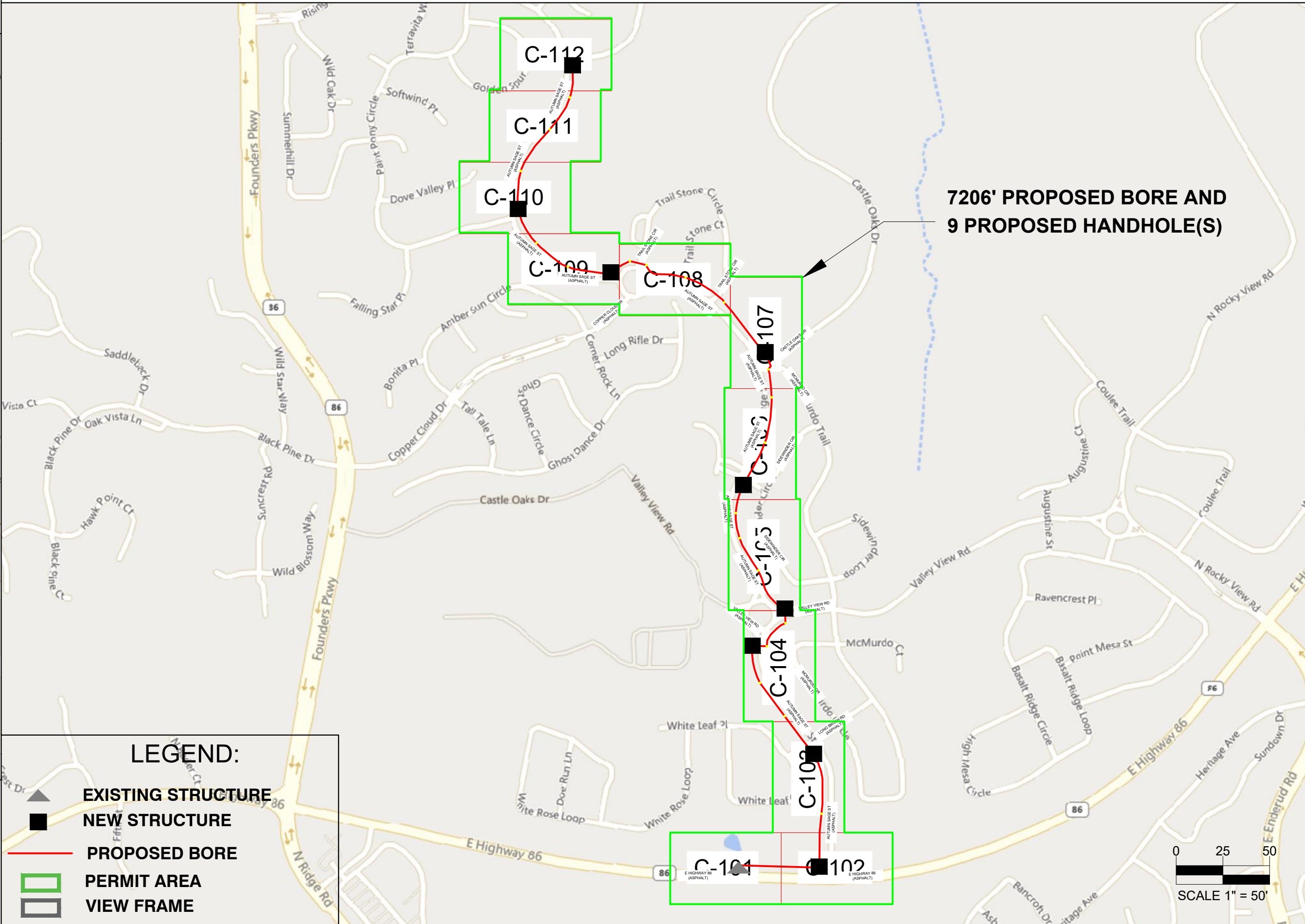
NOTE:

THE PLAT, PARCEL AND RIGHT OF WAY DIMENSIONAL INFORMATION HAS BEEN ACQUIRED AND PLOTTED ON THESE PLANS USING THE BEST AVAILABLE DATA AND AERIAL IMAGERY. ANY UTILITY INFORMATION SHOWN ON PLANS WAS ACQUIRED FROM THE BEST AVAILABLE DATA AND AS REASONABLY OBTAINED BY PHYSICAL FIELD SURVEY. IT REMAINS THE RESPONSIBILITY OF OTHERS TO FIELD VERIFY ALL DATA TO PROJECT START. LINE LOCATES ARE THE RESPONSIBILITY OF OTHERS TO VERIFY CONFLICT HORIZONTALLY AND VERTICALLY OF EXISTING FACILITIES.

INDEMNIFICATION AND ADHERENCE TO STANDARDS STATEMENTS:

THESE PLANS HAVE BEEN REVIEWED BY THE TOWN OF CASTLE ROCK FOR CONCEPT ONLY. THE REVIEW DOES NOT IMPLY RESPONSIBILITY BY THE REVIEWING DEPARTMENT, THE TOWN ENGINEER, OR THE TOWN OF CASTLE ROCK FOR ACCURACY AND CORRECTNESS OF THE CALCULATIONS. FURTHERMORE, THE REVIEW DOES NOT IMPLY THAT QUANTITIES OF ITEMS ON THE PLANS ARE THE FINAL QUANTITIES REQUIRED. THE REVIEW SHALL NOT BE CONSTRUED FOR ANY REASON AS ACCEPTANCE OF FINANCIAL RESPONSIBILITY BY THE TOWN FOR ADDITIONAL QUANTITIES OF ITEMS SHOWN THAT MAY BE REQUIRED DURING THE CONSTRUCTION PHASE.

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TOWN OF CASTLE ROCK MUNICIPAL CODE, TECHNICAL MANUALS AND/OR OTHER TOWN-APPROVED APPLICABLE STANDARDS.



LEGEND:

- EXISTING STRUCTURE
- NEW STRUCTURE
- PROPOSED BORE
- PERMIT AREA
- VIEW FRAME

FCO# : FCO20-00XX	DATE	PURPOSE / DESCRIPTION

NOTE:

THE CONTRACTOR SHALL REPLACE ANY AND ALL LANDSCAPE IRRIGATION AND PLANT MATERIAL THAT MAY BE DAMAGED WITHIN THE PUBLIC RIGHT OF WAY.

ALL PUBLIC R.O.W. SHALL BE RESTORED TO EXISTING CONDITIONS IF DAMAGED.

SIDEWALKS AND TRAILS SHOULD REMAIN OPEN DURING CONSTRUCTION. ALIGNMENT RUNS ADJACENT TO SIDEWALK, SO PLEASE CONFIRM PEDESTRIAN ACCESSIBILITY IN AREAS WHERE SIDEWALK MAY BE AFFECTED.

SLACK LOOP STANDARDS PER FIBER SIZE: 864- 75' 432- 75' ALL OTHER FIBER SIZES- 100'. ALL AERIAL SLACK LOOPS TO BE 150' AT EVERY 1500' BORES TO BE AT 36" DEPTH TYPICAL, 48" DEPTH AT DOT CROSSINGS IF BORING UNDER TREES IN ROW BORE TO BE DEPTH OF 7' TO AVOID ROOTS

SIDEWALKS AND TRAILS SHOULD REMAIN OPEN DURING CONSTRUCTION AND SHALL NOT BE USED FOR STAGING OR CONSTRUCTION ACCESS. DAMAGE TO TOWN, HOA, METRO DISTRICT, OR PRIVATE PROPERTY SHALL BE PROMPTLY REPAIRED BY THE CONTRACTOR. THIS INCLUDES, BUT IS NOT LIMITED TO CONCRETE, LANDSCAPING, IRRIGATION, ELECTRICAL, SITE AMENITIES. PULL BOXES SHALL BE KEPT OUT OF SIDE WALKS



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER TO ALTER THIS DOCUMENT



TOWN OF CASTLE ROCK APPROVAL
PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM
DATE OF DEVELOPMENT SERVICES APPROVAL.

APPROVED BY:

DEVELOPMENT SERVICES DATE

PROFESSIONAL ENGINEER CERTIFICATION

I HEREBY AFFIRM THAT THESE FINAL CONSTRUCTION PLANS WERE PREPARED UNDER MY DIRECT SUPERVISION, IN ACCORDANCE WITH ALL APPLICABLE TOWN OF CASTLE ROCK AND STATE OF COLORADO STANDARDS AND STATUTES, RESPECTIVELY; AND THAT I AM FULLY RESPONSIBLE FOR ALL DESIGN AND REVISION RELATIVE TO SAID PLANS.

DATE

SHEET INDEX	
PAGE NUMBER	SHEET NAME
1	COVER SHEET
2-3	GENERAL NOTES
4	SHEET TITLES & POTHOLE LOG
5	CONTACTS AND NOTES
6	SPlicing SCHEDULE
7-8	HANDHOLE DETAILS
9-10	TYPICAL BORE DETAILS
11-12	TYPICALS
13	LEGEND
14-29	PLAN & PROFILE
30	TRAFFIC CONTROL PLANS

DATE: 8/17/26

ENGINEER: ADB

DRAWN BY:

REVISIONS

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI COMMUNICATION 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: 1:50

VERTICAL: 1:50

SHEET NO: T-1

PAGE NO: 1 OF 26

WORK ORDER:

2509CDQU

MCImetro
ACCESS TRANSMISSION SERVICES, LLC

OUTSIDE PLANT CONSTRUCTION

TITLE: FIBER OPTIC CABLE ROUTE

DENVER, CO NED PERMIT

GO:\PROJECTS\DENVER\VERIZON ONE FIBER\DWG\CABLE ROCK - CITY PERMIT\UTILITIES\104149\DWG002BA.dwg 5/4/16 5:40 - 2509CDQU\149.DWG 5/4/16 5:40 - 2509CDQU\149.DWG

FIBER OPTIC CABLE UNCOVERING SYSTEM

1. THE TITLE OF THIS PROGRAM, F.O.C.U.S., AN ACRONYM FOR "FIBER OPTIC CABLE UNCOVERING SYSTEM," WAS SELECTED TO REMIND EVERYONE INVOLVED WITH WORKING NEAR MCI'S ACTIVE FIBER OPTIC SYSTEMS TO FOCUS ON PROTECTING THE FACILITIES. IF, DURING THE COURSE OF THE PROJECT, YOU NOTICE ANY ACTIVITY WHICH MAY JEOPARDIZE THE MCI OSP FACILITIES, IT IS YOUR DUTY TO STOP THE WORK AND RE-F.O.C.U.S.
2. F.O.C.U.S. RULES MUST BE FOLLOWED ON ALL MCI PROJECTS INVOLVING WORK ON OR NEAR MCI OSP FACILITIES. SAFETY IS MCI'S NUMBER ONE PRIORITY; EVERYONE MUST REFRAIN FROM UNSAFE AND IMPROPER PRACTICES.
3. REVIEW OF F.O.C.U.S. IS MANDATORY AT EVERY PRE-BID, PRE-CONSTRUCTION SITE MEETING AND DAILY TAILGATE MEETING. F.O.C.U.S. DISCUSSION MUST INCLUDE SITE-SPECIFIC HISTORY, UNIQUE PROBLEMS, FACILITY CONFIGURATIONS THAT MAY BE ENCOUNTERED, AND PAST ERRORS. "THOSE WHO DO NOT LEARN FROM HISTORY ARE DOOMED TO REPEAT IT." DO NOT LET THIS HAPPEN TO YOU.
4. ANY WORK NEAR OR REQUIRING HANDLING OF MCI OUTSIDE PLANT FACILITIES CAN ONLY BE PERFORMED WITH AN MCI EMPLOYEE OR CONTRACT REPRESENTATIVE. PRESENT — THIS MEANS OUT OF HIS OR HER VEHICLE AND DIRECTLY MONITORING THE SYSTEM. THE REPRESENTATIVE MUST HAVE A PROPERLY OPERATING CABLE LOCATOR CHECKED FOR ACCURACY EVERY DAY PRIOR TO COMMENCEMENT OF WORK (COMPARISON OF LINE AND DEPTH READINGS TO ACTUAL LINE AND DEPTH OF THE CABLE).
5. LOCATE AND POTHOLE REQUIREMENTS:
 - 5.1. PRIOR TO ANY EXCAVATION, THE MCI EMPLOYEE OR CONTRACT REPRESENTATIVE MUST VERIFY THE INITIAL LOCATE MARKS COMPLETED BY MCI OPERATIONS. DO NOT TRUST LOCATE RESULTS COMPLETED BY OTHERS. THE MCI OR CONTRACT REPRESENTATIVE MUST LOCATE THE CABLE RUNNING LINE BY MAKING AT LEAST ONE PASS IN EACH DIRECTION. LOCATE RESULTS MUST THEN BE COMPARED WITH PREVIOUS MARKS AND THE AS-BUILTS.
 - 5.2. IF THE PROPOSED WORK INVOLVES DIGGING OR EXCAVATING WITHIN 3 FEET OF THE CABLE, THE CABLE ROUTE WILL BE MARKED CONTINUALLY WITH ORANGE PAINT AND SUPPLEMENTED BY MARKER FLAGS PLACED EVERY 10 FT. THE EXCAVATION CONTRACTOR MUST POTHOLE (ALL POTHOLES MUST BE COMPLETED BY HAND DIGGING OR VACUUM EXCAVATION) A MINIMUM OF EVERY 15 FT., THEN EXPOSE THE ENTIRE LENGTH OF THE CABLE BY HAND DIGGING OR VACUUM EXCAVATION.
 - 5.3. IF THE PROPOSED WORK INVOLVES DIGGING OR EXCAVATING WITHIN 5 FEET (BUT NOT CLOSER THAN 3 FEET) OF THE CABLE, THE CABLE ROUTE WILL BE MARKED CONTINUALLY WITH ORANGE PAINT AND SUPPLEMENTED BY MARKER FLAGS PLACED EVERY 10 FT. THE EXCAVATION CONTRACTOR MUST POTHOLE THE CABLE A MINIMUM OF EVERY 15 FT.
 - 5.4. IF THE PROPOSED WORK INVOLVES DIGGING OR EXCAVATING WITHIN 15 FEET (BUT NOT CLOSER THAN 5 FEET) OF THE CABLE, THE CABLE ROUTE WILL BE MARKED CONTINUALLY WITH ORANGE PAINT AND SUPPLEMENTED BY MARKER FLAGS PLACED EVERY 10 FT. THE EXCAVATION CONTRACTOR MUST POTHOLE THE CABLE A MINIMUM OF EVERY 15 FT.
 - 5.5. THE CABLE WILL ALSO BE POTHOLED AT ANY CHANGE IN THE RUNNING LINE OF MORE THAN 1 FT. IN ANY DIRECTION, ANYTIME THE ACCURACY OF THE ELECTRONIC LOCATE IS QUESTIONED, OR THE MARKED RUNNING LINE DOES NOT MATCH THE AS-BUILTS.
6. EXPOSING REQUIREMENTS:
 - 6.1. NO MECHANICAL EXCAVATION WITHIN 3 FT. OF OSP FACILITIES WILL BE ALLOWED UNLESS THE FACILITIES HAVE FIRST BEEN PROPERLY LOCATED, POTHOLED, POSITIVELY IDENTIFIED, CONTINUOUSLY EXPOSED BY HAND OR DIGGING OR VACUUM EXCAVATION, AND THE FACILITIES ARE CLEARLY VISIBLE.
 - 6.2. IN ADDITION, MECHANICAL EXCAVATION WITHIN 3 FT. OF OSP FACILITIES REQUIRES ON-SITE PRIOR APPROVAL FROM MCI'S EMPLOYEE OR CONTRACT REPRESENTATIVE.
7. PLEASE REFER TO THE LATEST EDITION OF THE MCI OSP HANDBOOK FOR ADDITIONAL DETAILS. KNOW IT AND FOLLOW IT.

MCI OUTSIDE PLANT CONSTRUCTION GENERAL REQUIREMENTS:

1. ALL FEDERAL, STATE AND LOCAL SAFETY REGULATIONS MUST BE FOLLOWED WITHOUT EXCEPTION.
2. PERSONAL PROTECTIVE EQUIPMENT APPROPRIATE FOR THE SPECIFIC WORK SITE SHALL BE USED AT ALL TIMES. AT A MINIMUM, HARD HAT, SAFETY SHOES/STEEL-TOED BOOTS, AND FLORESCENT ORANGE OR GREEN WORK VEST ARE REQUIRED UPON ENTERING ANY MCI WORK SITE.
3. USE OF INTOXICANTS, DRUGS, INHALANTS OR ANY OTHER SUBSTANCES THAT MAY IMPAIR ALERTNESS IS STRICTLY PROHIBITED.
4. CONTRACTORS ARE NOT ALLOWED TO CUT ANY CABLE. CABLES SCHEDULED FOR REMOVAL WILL BE CUT BY MCI OPERATIONS PERSONNEL, AND ONLY AFTER VERIFICATION THAT ALL TRAFFIC HAS BEEN OFF-LOADED.
5. EXTREME CAUTION MUST BE USED AT ALL TIMES WHEN WORKING ON OR NEAR ACTIVE CABLES. AN MCI EMPLOYEE OR CONTRACT REPRESENTATIVE MUST APPROVE AND BE PRESENT PRIOR TO AND DURING ALL CABLE HANDLING ACTIVITIES.
6. TOOLS AND EQUIPMENT SPECIFICALLY DESIGNED FOR THE JOB AT HAND ARE REQUIRED. USE THE PROPER TOOL FOR THE JOB.
7. CONDUIT WORK INVOLVING ACTIVE CABLES REQUIRES SPECIALIZED TOOLS SPECIFICALLY DESIGNED TO ACCESS DUCTS WITH ACTIVE CABLES.
8. PROTECTING MCI FACILITIES IS EXTREMELY IMPORTANT; HOWEVER, SAFETY REGARDING YOURSELF AND OTHERS IS THE MOST IMPORTANT PART OF ANY PROJECT.

IN ORDER TO REDUCE THE DISRUPTION AND COST OF UTILITY DAMAGES OCCURRING IN THE RIGHT-OF-WAY AND EASEMENTS, THE PERMITEE SHALL PREVENT DAMAGES TO EXISTING UTILITIES CAUSED BY THE WORK THROUGH FIELD VERIFICATION OF THE LOCATION OF THE EXISTING UTILITIES IN CASE OF OPEN EXCAVATION. VERIFICATION MAY BE PERFORMED DURING THE PERMITEE'S WORK. IN THE CASE OF DIRECTIONAL DRILLING, VERIFICATION SHALL TAKE PLACE PRIOR TO MOBILIZATION OF THE DRILLING EQUIPMENT.

THE PERMITEE SHALL VERIFY THE LOCATION OF THE EXISTING UTILITIES AS NEEDED TO AVOID CONTACT WITH DETECTION EQUIPMENT OR OTHER ACCEPTABLE MEANS. SUCH METHODS MAY INCLUDE, BUT SHALL NOT BE LIMITED TO --"SOFT DIG"-- EQUIPMENT AND GROUND PENETRATING RADAR (GPR). THE EXCAVATOR SHALL BE HELD LIABLE FOR DAMAGES CAUSED TO CITY'S/COUNTIES/STATE INFRASTRUCTURE AND THE EXISTING FACILITIES OF THE OTHER UTILITY COMPANIES.

GENERAL NOTES

1. VERIZON BUSINESS COMPRISES THE FOLLOWING OPERATING ENTITIES:
 - MCI COMMUNICATIONS SERVICES, INC.
 - MCI METRO ACCESS TRANSMISSION SERVICES, LLC
 - MCI METRO ACCESS TRANSMISSION SERVICES OF VIRGINIA, LLC
 - MCI METRO ACCESS TRANSMISSION SERVICES OF MASSACHUSETTS, INC.
 - METROPOLITAN FIBER SYSTEMS OF NEW YORK, INC.
2. ALL WORK TO BE DONE WITH EXTREME CAUTION! FIBER OPTIC CABLE IS CARRYING TRAFFIC AND LOSS OF SERVICE WILL RESULT IN LOSS OF REVENUE. CONTRACTOR SHALL NOT WORK IN A MANNER THAT MAY AFFECT TRAFFIC-CARRYING FACILITIES IN THE ABSENCE OF AN MCI EMPLOYEE OR CERTIFIED CONTRACTOR.
3. ALL WORK TO BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE CODES OR REQUIREMENTS OF ANY REGULATING GOVERNMENTAL AGENCY, VERIZON BUSINESS, AND THE RIGHT-OF-WAY GRANTOR.
4. 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.
5. 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.
6. 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.
7. 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 OR BETTER THAN ORIGINAL CONDITIONS.
8. 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.
9. SHORING OF BORE PITS AND TRENCHES IN ACCORDANCE WITH OSHA REGULATIONS IS MANDATORY.
10. 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.
11. ALL 2" ID CONDUIT WILL BE HDPE SDR11.

CONSTRUCTION NOTES

1. ALL CONDUIT WILL BE 2" HDPE SDR11.
2. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY. SEE CONTACT SHEET FOR CONTACT NAME AND TELEPHONE NUMBER.
3. ALL UNDERGROUND OBSTRUCTIONS, WHEN LOCATED, WILL REQUIRE THE PLACEMENT OF A BURIED CABLE MARKER.
4. SHORING MAY BE REQUIRED AND SHALL COMPLY TO O.S.H.A. STANDARDS.
5. ALL BURIED CONDUIT/CABLE WILL BE PLACED AT 48" MINIMUM COVER UNLESS SPECIFIED OTHERWISE ON THE CONSTRUCTION DRAWINGS.
6. MECHANICAL PROTECTION SHALL BE REQUIRED ANYTIME A 36" MINIMUM COVER IS UNOBTAINABLE UNLESS SPECIFIED OTHERWISE ON THE CONSTRUCTION DRAWINGS.
7. OPERATIONS PERSONNEL TO BE CONTACTED BY THE CONTRACTOR 48 HOURS PRIOR TO CONSTRUCTION. SEE CONTACT SHEET FOR CONTACT NAME AND TELEPHONE NUMBER.
8. ALL STATIONING IS BASED ON AS-BUILT INFORMATION, THEREFORE SOME VARIANCE SHOULD BE ANTICIPATED. ADJUST AS NEEDED.
9. RAILROAD COMMUNICATION AND SIGNAL CABLES TO BE LOCATED PRIOR TO CONSTRUCTION ACTIVITY. RAILROAD TO BE GIVEN 48 HOURS NOTICE PRIOR TO CONSTRUCTION.
10. ALL BURIED CABLE MARKER POSTS AND HARDWARE PLACED AND/OR REMOVED ON ALL NEW AND EXISTING ROUTES SHALL BE IMPLEMENTED AS FOLLOWS:
 - 10.1. ON THOSE ROUTES THAT ARE CONSIDERED TO BE IN A NORTH TO SOUTH GEOGRAPHICAL ORIENTATION, THE SOUTHERN-MOST SIGN AND POST SHOULD BE REMOVED. * FOR NEW ROUTES BEING CONSTRUCTED, ONE SIGN POST WILL BE PLACED AT THE NORTH END OF EACH HANDHOLE.
 - 10.2. ON THOSE ROUTES THAT ARE CONSIDERED TO BE IN AN EAST TO WEST GEOGRAPHICAL ORIENTATION, THE WESTERN-MOST SIGN AND POST SHOULD BE REMOVED. *FOR NEW ROUTES BEING CONSTRUCTED, ONE SIGN POST WILL BE PLACED AT THE EAST END OF EACH HANDHOLE.
11. SIDEWALKS AND TRAILS SHALL NOT BE USED FOR CONSTRUCTION STAGING OR CONSTRUCTION ACCESS.

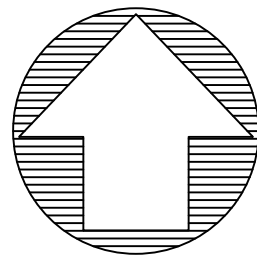
EROSION CONTROL NOTES

- THE OWNER, SITE DEVELOPER, CONTRACTOR AND/OR THEIR AUTHORIZED AGENTS SHALL ENSURE THAT ALL POTENTIAL POLLUTANTS GENERATED DURING DEMOLITION OR CONSTRUCTION WORK ASSOCIATED WITH THIS PROJECT, BE PREVENTED FROM DISCHARGE TO STORMWATER CONVEYANCE SYSTEMS IN THE VICINITY OF THIS PROJECT SITE IN ACCORDANCE WITH THE FOLLOWING:
1. THE OWNER, SITE DEVELOPER, CONTRACTOR AND/OR THEIR AUTHORIZED AGENTS SHALL PREVENT SEDIMENT, DEBRIS AND ALL OTHER POLLUTANTS FROM ENTERING THE STORM SEWER SYSTEM DURING ALL DEMOLITION, EXCAVATION, TRENCHING, BORING, GRADING, OR OTHER CONSTRUCTION OPERATIONS THAT ARE PART OF THIS PROJECT. THE OWNER, SITE DEVELOPER, CONTRACTOR AND/OR THEIR AUTHORIZED AGENTS SHALL BE HELD RESPONSIBLE FOR REMEDIATION OF ANY ADVERSE IMPACTS TO THE MUNICIPAL SEPARATE STORM SEWER SYSTEM, RECEIVING WATERS, WATERWAYS, WETLANDS, AND ALL OTHER PUBLIC OR PRIVATE PROPERTIES, RESULTING FROM WORK DONE AS PART OF THIS PROJECT.
 2. THE OWNER, SITE DEVELOPER, CONTRACTOR AND/OR THEIR AUTHORIZED AGENTS SHALL REMOVE ALL SEDIMENT, MUD, CONSTRUCTION DEBRIS, OR OTHER POTENTIAL POLLUTANTS THAT MAY HAVE BEEN DISCHARGED TO OR, ACCUMULATE IN THE FLOW LINES OF STORM DRAINAGE APPURTENANCES, AND PUBLIC RIGHTS OF WAYS OF THE CITY AND COUNTY OF DENVER AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS PROJECT. ALL REMOVALS SHALL BE CONDUCTED IN A TIMELY MANNER.
 3. THE OWNER, SITE DEVELOPER, CONTRACTOR AND/OR THEIR AUTHORIZED AGENTS SHALL INSURE THAT ALL LOADS OF CUT AND FILL MATERIAL IMPORTED TO OR EXPORTED FROM THIS SITE SHALL BE PROPERLY COVERED TO PREVENT LOSS OF THE MATERIAL DURING TRANSPORT ON PUBLIC RIGHTS OF WAY.
 4. THE USE OF REBAR TO ANCHOR BEST MANAGEMENT PRACTICES, OTHER THAN PORTABLE TOILETS, IS PROHIBITED.
 5. THE OWNER, SITE DEVELOPER, CONTRACTOR AND/OR THEIR AUTHORIZED AGENTS SHALL IMPLEMENT THE FOLLOWING BEST MANAGEMENT PRACTICES (BMPS) ON SITE DURING CONSTRUCTION:
 - A) VEHICLE TRACKING CONTROL: THIS BMP IS REQUIRED AT ALL ACCESS POINTS FOR INGRESS/EGRESS FROM OFF-SITE IMPERVIOUS SURFACES TO CONSTRUCTION OR CONVEYANCE AREAS THAT ARE USED BY VEHICULAR TRAFFIC OR CONSTRUCTION EQUIPMENT.
 - B) INLET PROTECTION: THIS BMP IS REQUIRED ON ALL EXISTING OR PROPOSED STORM SEWER INLETS. INLET PROTECTION SHALL BE APPROPRIATE TO THE TYPE THAT MAY RECEIVE SITE RUNOFF. THE BMP MUST BE APPROPRIATE TO THE TYPE OF STORM INLET AND APPROPRIATE FOR THE GROUND SURFACE AT THE INLET.
 - C) INTERIM SITE STABILIZATION: THIS BMP IS REQUIRED TO PROVIDE A MEASURE FOR PREVENTING EROSION, GRADING OR OTHER SITE DISTURBANCE HAS OCCURRED. THIS BMP IS PARTICULARLY NECESSARY ON SITES WHERE CONSTRUCTION ACTIVITIES/DISTURBANCE WILL BE LIMITED TO SMALL AREAS OF THE PROJECT SITE. BMP'S INCLUDE:
 - i. PRESERVING EXISTING VEGETATION
 - ii. SEEDING
 - iii. MULCHING
 - iv. MULCHING AND SEEDING
 - v. TEMPORARY PERMANENT RE-VEGETATION OPERATIONS
 - vi. CHEMICAL SOIL STABILIZER APPLICATION (REQUIRES WMD APPROVAL)
 - D) WASTE MANAGEMENT/CONTAINMENT: THIS BMP REQUIRES THAT ALL CONSTRUCTION WASTE, CONTAMINATED MATERIAL, CHEMICAL WASTE, RAS, AND OTHER WASTE BE CONTAINED AND NOT BE RELEASED TO THE SITE, PROTECTED FROM CONTACT WITH PRECIPITATION OR SURFACE RUNOFF, PERIODICALLY REMOVED FROM THE CONSTRUCTION SITE, AND PROPERLY DISPOSED OF.
 - E) SPILL PREVENTION /CONTAINMENT: THIS BMP DEFINES THE MEASURES TO BE TAKEN FOR PREVENTING AND CONTROLLING PROTECTING POTENTIAL POLLUTANTS FROM CONTACT WITH PRECIPITATION OR RUNOFF.
 - F) CHUTE WASHOUT/CONTAINMENT: WATER USED IN THE CLEANING OF CEMENT TRUCK DELIVERY CHUTES SHALL BE DISCHARGED INTO A PREDEFINED AREA IS TO BE BERMED SO THAT WASH WATER IS TOTALLY CONTAINED. WASH WATER DISCHARGED INTO THE CONTAINMENT AREA SHALL BE ALLOWED TO INFILTRATE OR EXPOSED TO INFILTRATE CEMENT WASTE IS REMOVED FROM THE CONTAINMENT AREA AND IS PROPERLY DISPOSED OF.
 - G) SWEEPING: THIS BMP REQUIRES THAT IMPERVIOUS SURFACES WHICH ARE ADJACENT TO OR CONTAINED WITHIN CONSTRUCTION SITES BE SWEEPED ON A DAILY BASIS, OR AS NEEDED DURING THE DAY WHEN SEDIMENT AND OTHER MATERIALS ARE TRACKED OR DISCHARGED ON TO THEM. EITHER SWEEPING BY HAND OR USE OF STREET SWEEPERS IS ACCEPTABLE. STREET SWEEPERS USING WATER WHILE SWEEPING IS PREFERRED IN ORDER TO MINIMIZE DUST. FLUSHING OFF PAVED SURFACES WITH WATER IS PROHIBITED.
 - H) PERIMETER CONTROL: THIS BMP REQUIRES THAT A CONSTRUCTION SITE INSTALL A PERIMETER CONTROL MEASURE ALONG THE EDGE OF THE CONSTRUCTION SITE TO PREVENT OR FILTER THE DISCHARGE OF SURFACE RUNOFF FROM THE CONSTRUCTION SITE. THE TYPE OF PERIMETER CONTROL USED SHALL BE DETERMINED BASED ON SITE CONDITIONS AND LOCATION. MAINTENANCE AND REPAIR OF THE CONTROL MEASURE SHALL OCCUR AS NEEDED, IN A TIMELY MANNER.
 - I) STOCK PILES: SOILS THAT WILL BE STOCKPILED FOR MORE THAN THIRTY (30) DAYS SHALL BE PROTECTED FROM WIND AND WATER EROSION WITHIN FOURTEEN (14) DAYS OF STOCKPILE CONSTRUCTION. STABILIZATION OF STOCKPILES LOCATED WITHIN 100 FEET OF RECEIVING WATER OR WITHIN FOLLOWING STOCKPILE CONSTRUCTION, STABILIZATION AND PROTECTION OF THE STOCKPILE MAY BE ACCOMPLISHED BY ANY OF THE FOLLOWING: MULCHING, TEMPORARY/PERMANENT REVEGETATION OPERATIONS, CHEMICAL SOIL STABILIZER APPLICATION (REQUIRES DENVER DOT APPROVAL), OR EROSION CONTROL MATING/GEOTEXTILES. IF STOCKPILES ARE LOCATED WITHIN 100 FEET OF RECEIVING WATER OR A DRAINAGEWAY OR THE SITE PERIMETER, ADDITIONAL SEDIMENT CONTROLS SHALL BE REQUIRED.
 - J) SAW CUTTING OPERATIONS: THE CONTRACTOR SHALL PROTECT ALL STORM SEWER OPENINGS ADJACENT TO ANY LOCATION WHERE PAVEMENT CUTTING OPERATIONS ARE TO TAKE PLACE. THE CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL WASTE PRODUCTS GENERATED BY SAID CUTTING OPERATIONS ON A DAILY BASIS OR AS NEEDED.
 - K) THOROUGHLY WASH ALL EQUIPMENT AND VEHICLES THAT ARE USED TO REMOVE PRODUCTS FROM CUTTING OPERATIONS TO THE STORM SEWER SYSTEM IS PROHIBITED. (SEC.56-102A, C, REVISED MUNICIPAL CODE, CITY AND COUNTY OF DENVER).
 - L) STRUCTURAL CONTROLS: DEVELOPMENT SITES THAT ARE REQUIRED TO PROVIDE DETENTION AND WATER QUALITY ENHANCEMENT FACILITIES FOR STORM RUNOFF NEED TO INSTALL THE DETENTION FACILITIES EARLY IN THE CONSTRUCTION BUILD-OUT OF THE SITES. PROJECTS THAT ARE USING UNDERGROUND DETENTION ARE REQUIRED TO INSTALL A PRETREATMENT STRUCTURE(S) OR SEDIMENTATION BASIN(S) AS A MEANS OF TREATING POTENTIALLY POLLUTED STORM WATER PRIOR TO ENTERING THE DETENTION STRUCTURE. USE OF THESE STRUCTURES IS REQUIRED FOR ENTRAPPING SEDIMENT AND CONSTRUCTION DEBRIS DURING THE ACTIVE CONSTRUCTION PHASE OF THE PROJECT. A NARRATIVE SECTION OF A MANAGEMENT PLAN SHOULD ADDRESS OPERATION AND MAINTENANCE OF THE STRUCTURAL CONTROLS BEING USED AS AN ACTIVE CONSTRUCTION BMP.
 6. EROSION AND SEDIMENT CONTROL "BEST MANAGEMENT PRACTICES" SHALL BE MAINTAINED AND KEPT IN EFFECTIVE OPERATING CONDITION FOR THE DURATION OF THIS PROJECT. ALL NECESSARY MAINTENANCE AND REPAIR SHALL BE COMPLETED IMMEDIATELY UPON DISCOVERY OF ANY DEFICIENCY OR DEFECT.

ALL UTILITIES LOCATED BY VISUAL INSPECTION, TO BE VERIFIED BY LOCATES
EOT REPRESENTS EDGE OF TRAVEL NOT TRUE EDGE OF PAVEMENT
EOP REPRESENTS THE TRUE EDGE OF PAVEMENT
EOD REPRESENTS THE EDGE OF DIRT
HAND DIG TRENCHES 48" DEEP ACROSS DIRT ROAD



NED
DENVER, CO



0 25 50
SCALE 1" = 50'

McImetro
ACCESS TRANSMISSION SERVICES, LLC
OUTSIDE PLANT CONSTRUCTION
TITLE: FIBER OPTIC CABLE ROUTE
DENVER, CO NED PERMIT

DATE: 8/17/28
ENGINEER: ADB
DRAWN BY:

REVISIONS

NO.	DESCRIPTION	DATE

PROFESSIONAL ENGINEER CERTIFICATION

I HEREBY AFFIRM THAT THESE FINAL CONSTRUCTION PLANS WERE PREPARED UNDER MY DIRECT SUPERVISION, IN ACCORDANCE WITH ALL APPLICABLE TOWN OF CASTLE ROCK AND STATE OF COLORADO STANDARDS AND STATUTES, RESPECTIVELY, AND THAT I AM FULLY RESPONSIBLE FOR ALL DESIGN AND REVISION RELATIVE TO SAID PLANS.

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SCALE

HORIZONTAL: 1:50
VERTICAL: 1:50

SHEET NO: GN-2
PAGE NO: 3 OF 26

WORK ORDER:
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6880 S. YOSEMITE CT, SUITE 150
CENTENNIAL, CO 80112
M1: (902) 647-6378 M2: (719) 360-5418

SLACK LOOP STANDARDS PER FIBER SIZE: 964- 75'- 432- 75' ALL OTHER FIBER SIZES- 100' ALL AERIAL SLACK LOOPS TO BE 150' AT EVERY 1500' BORES TO BE AT 36" DEPTH TYPICAL, 48" DEPTH AT DOT CROSSINGS IF BORING UNDER TREES IN ROW BORE TO BE DEPTH OF 7' TO AVOID ROOTS

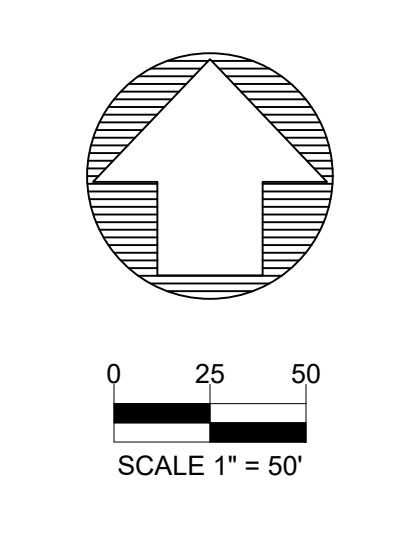
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G:\PROJECTS\DENVER\DENVER\01\10449\DWG\CABLE_ROCK_CITY\PERMIT\SUBMITTALS\10449\DWG0020A\10449_2509CDQU\10449_2509CDQU_02.dwg

SHEET NO.	SHEET TITLE
T-1	TITLE SHEET
T-2	DRAWING INDEX
T-3	STATEMENT OF WORK & CONTACTS
T-4	BILL OF MATERIALS
T-5	FIBER SPLICING DETAIL
GN-1	GENERAL CONSTRUCTION NOTES
P-1	RIGHT-OF-WAY PERMIT
L-1	LEGEND AND NOTES
C-101	FIBER INSTALLATION PLAN
C-102.1	FIBER INSTALLATION PLAN
C-102.2	FIBER INSTALLATION PLAN
C-103	FIBER INSTALLATION PLAN
C-104	FIBER INSTALLATION PLAN
C-105.1	FIBER INSTALLATION PLAN
C-105.2	FIBER INSTALLATION PLAN
C-106.1	FIBER INSTALLATION PLAN
C-106.2	FIBER INSTALLATION PLAN
C-107	FIBER INSTALLATION PLAN
C-108	FIBER INSTALLATION PLAN
C-109	FIBER INSTALLATION PLAN
C-110	FIBER INSTALLATION PLAN
C-111	FIBER INSTALLATION PLAN
C-112	FIBER INSTALLATION PLAN
C-113.1	FIBER INSTALLATION PLAN
C-113.2	FIBER INSTALLATION PLAN
C-114	FIBER INSTALLATION PLAN
DT-1	DETAILS
DT-2	DETAILS
DT-3	DETAILS
TESC-1	TEMPORARY EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS
TESC-2	TEMPORARY EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS
TESC-3	TEMPORARY EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS
TESC-4	TEMPORARY EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS
TESC-5	TEMPORARY EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS
TESC-6	TEMPORARY EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS
TESC-7	TEMPORARY EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS
TESC-8	TEMPORARY EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS
TESC-9	TEMPORARY EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS
TESC-10	TEMPORARY EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS
TESC-11	TEMPORARY EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS
TESC-12	TEMPORARY EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS
TESC-13	TEMPORARY EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS
TESC-14	TEMPORARY EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS
TESC-15	TEMPORARY EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS
DT-5	TESC BORE DETAIL
DT-6	ROW POTHOLE REPAIR DETAIL
TCP-1	TRAFFIC CONTROL PLAN

POTHOLE TABLE				
POTHOLE #	UTILITY	DIAMETER	TOP OF UTILITY	BOTTOM OF UTILITY
PH 1 @ 5+22	SANITARY			
PH 2 @ 5+48	SANITARY			
PH 3 @ 7+48	WATER			
PH 4 @ 7+59	ELECTRIC			
PH 5 @ 7+61	SANITARY			
PH 6 @ 7+84	ELECTRIC			
PH 7 @ 8+07	WATER			
PH 8 @ 8+26	STORM			
PH 9 @ 9+35	WATER			
PH 10 @ 12+30	GAS			
PH11 @ 12+45	GAS			
PH 12 @ 12+68	SANITARY			
PH 13 @ 13+16	WATER			
PH 14 @ 13+63	GAS			
PH 15 @ 14+31	GAS			
PH 16 @ 20+46	GAS			
PH 17 @ 20+87	WATER			
PH 18 @ 21+01	WATER			
PH 19 @ 21+25	STORM			
PH 20 @ 21+29	ELECTRIC			
PH 21 @ 23+82	WATER			
PH 22 @ 24+04	ELECTRIC			
PH 23 @ 25+57	ELECTRIC			
PH 24 @ 25+71	WATER			
PH 25 @ 26+70	GAS			
PH 26 @ 30+22	ELECTRIC			
PH 27 @ 32+55	GAS			
PH 28 @ 33+18	ELECTRIC			
PH 29 @ 34+82	ELECTRIC			
PH 30 @ 40+32	ELECTRIC			
PH 31 @ 40+45	ELECTRIC			
PH 32 @ 41+09	ELECTRIC			
PH 33 @ 41+38	WATER			
PH 34 @ 41+79	WATER			
PH 35 @ 43+31	STORM			
PH 36 @ 45+05	SANITARY			

POTHOLE TABLE				
POTHOLE #	UTILITY	DIAMETER	TOP OF UTILITY	BOTTOM OF UTILITY
PH 37 @ 45+18	WATER			
PH 38 @46+38	GAS			
PH 39 @ 47+46	WATER			
PH 40 @ 50+47	ELECTRIC			
PH 41 @ 52+57	WATER			
PH 42 @ 54+64	ELECTRIC			
PH 43 @ 54+69	SANITARY			
PH 44 @ 55+07	SANITARY			
PH 45 @ 55+17	STORM			
PH 46 @ 60+74	STORM			
PH 47 @ 69+01	GAS			
PH 48 @ 71+19	ELECTRIC			



MCImetro

ACCESS TRANSMISSION SERVICES, LLC

OUTSIDE PLANT CONSTRUCTION

TITLE: FIBER OPTIC CABLE ROUTE

DENVER, CO NED PERMIT

DATE: 8/17/26

ENGINEER: ADB

DRAWN BY:

REVISIONS

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SHEET NO: T-2

PAGE NO: 4 OF 26

WORK ORDER: 2509CDQU

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APPROVED BY:

DEVELOPMENT SERVICES DATE

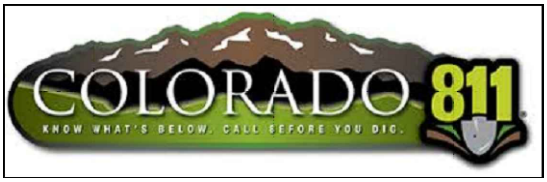
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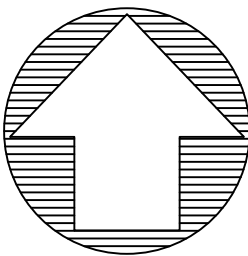




PROJECT:

NED

DENVER, CO



02550
SCALE 1" = 50'

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SPlicing SCHEDULE TO BE PROVIDED

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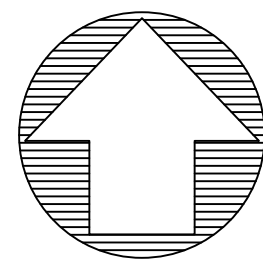
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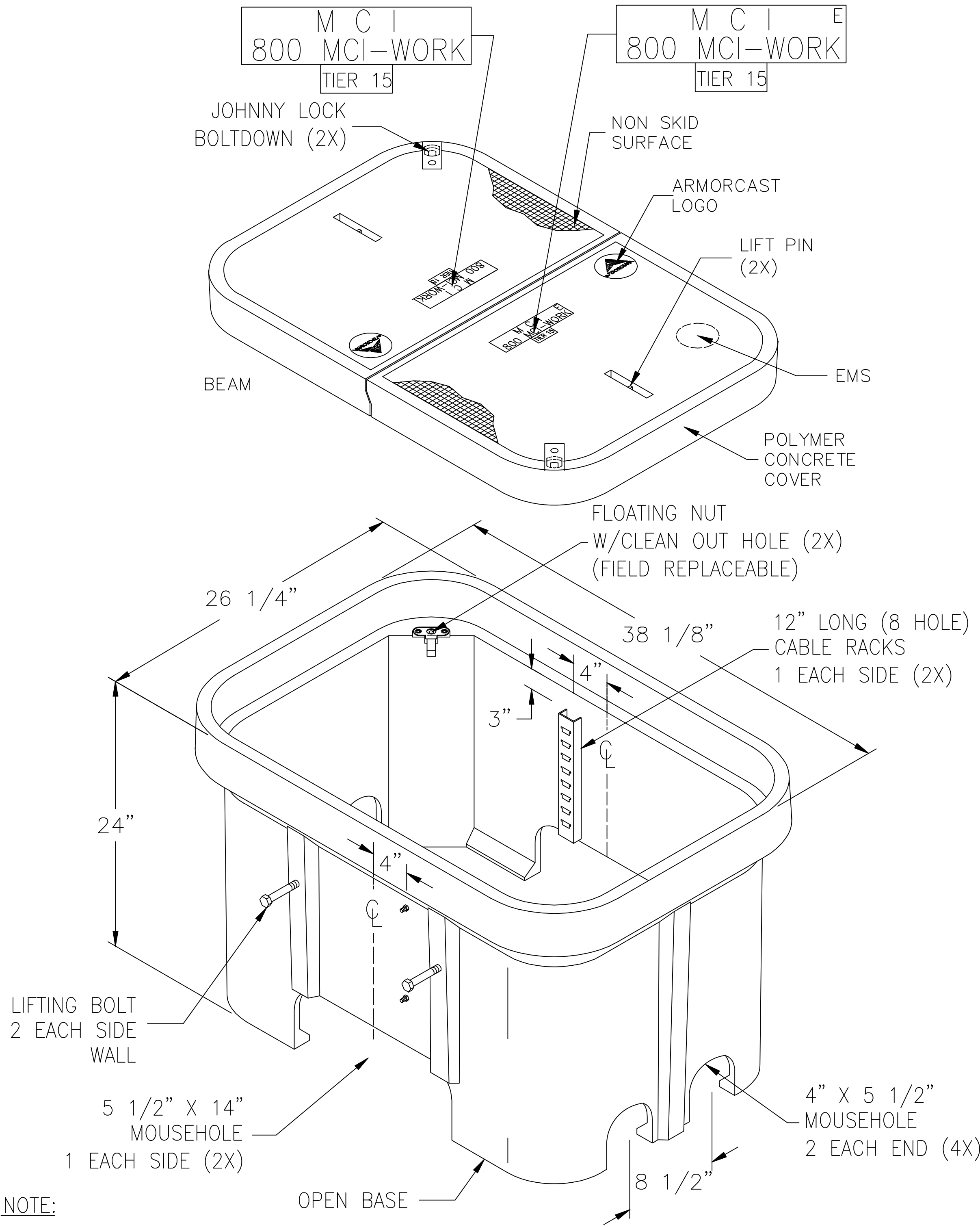
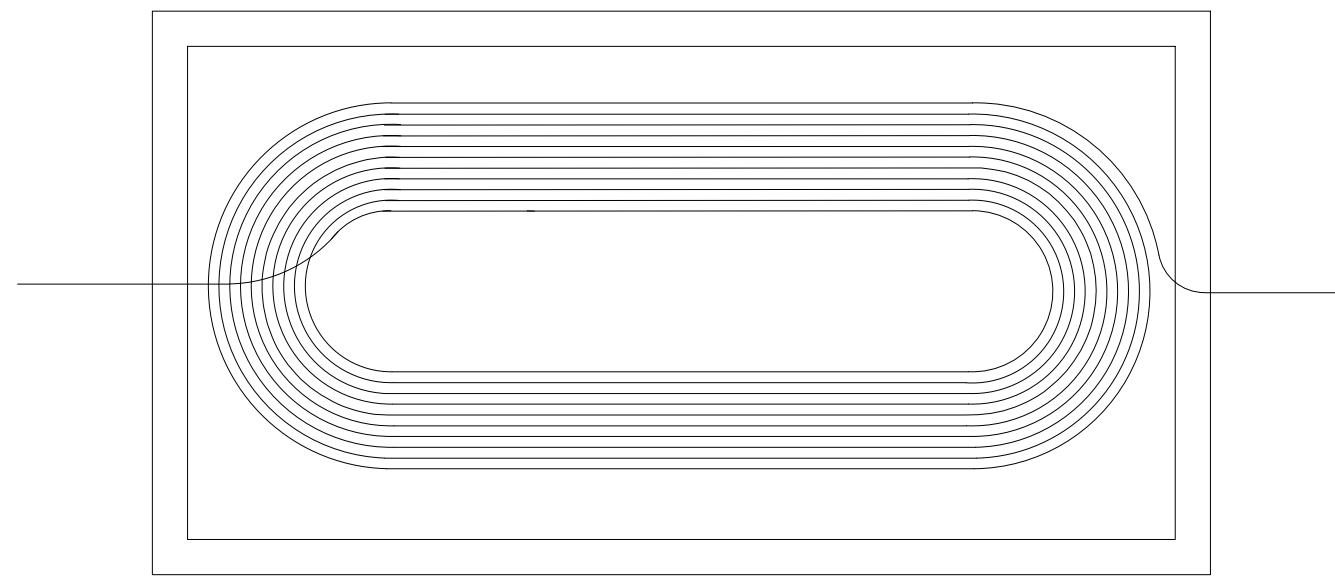
SHEET NO: DT-1

PAGE NO: 7 OF 26

WORK ORDER:

2509CDQU

HANDHOLE SLACK COIL DETAIL



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

24" X 36" X 24" POLYMER CONCRETE BOX ASSEMBLY
PART # A6001974TAPMCI3

NOTE:
HANDHOLE SHALL BE KEPT OUT OF SIDEWALKS
AND TRAILS.

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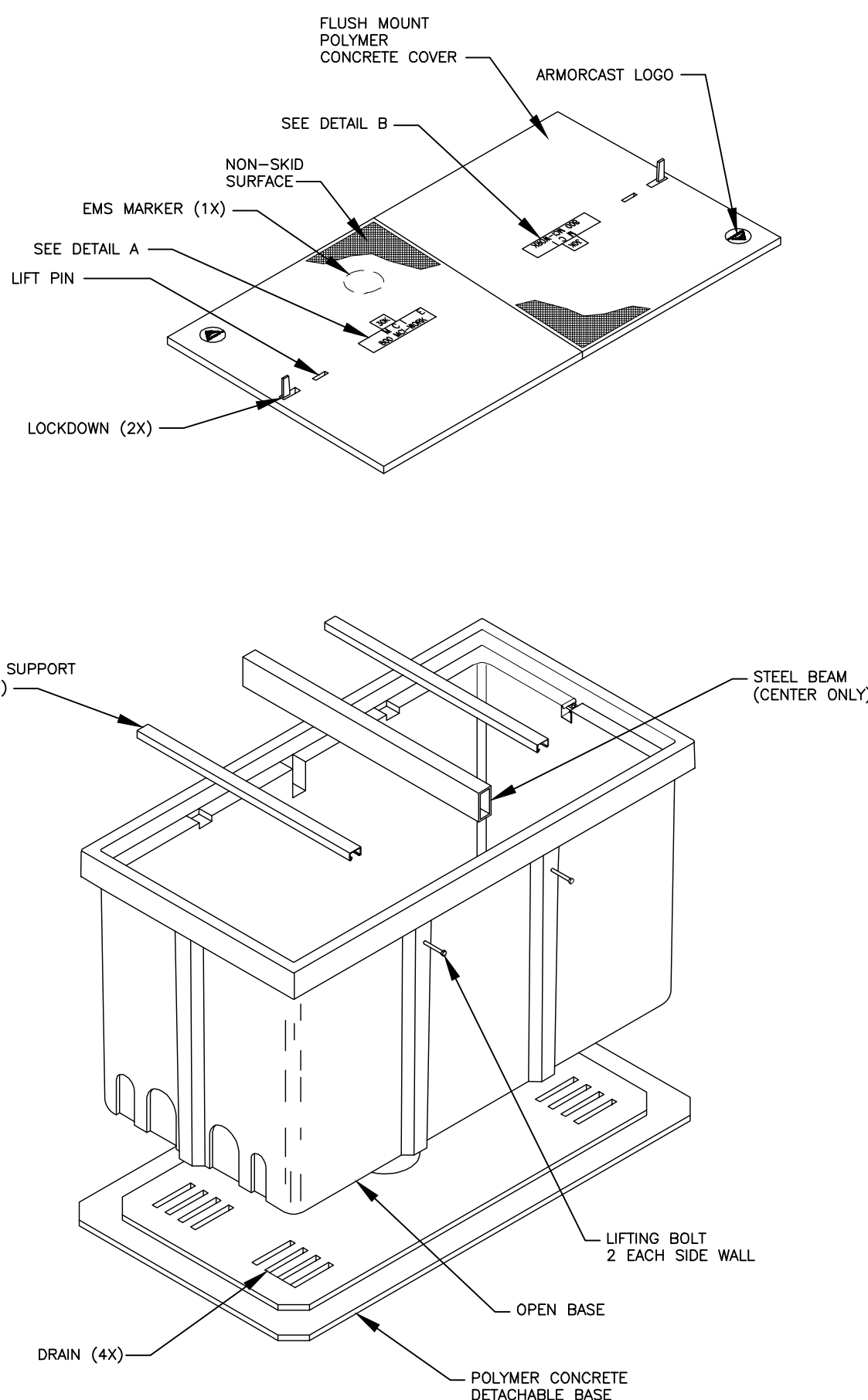
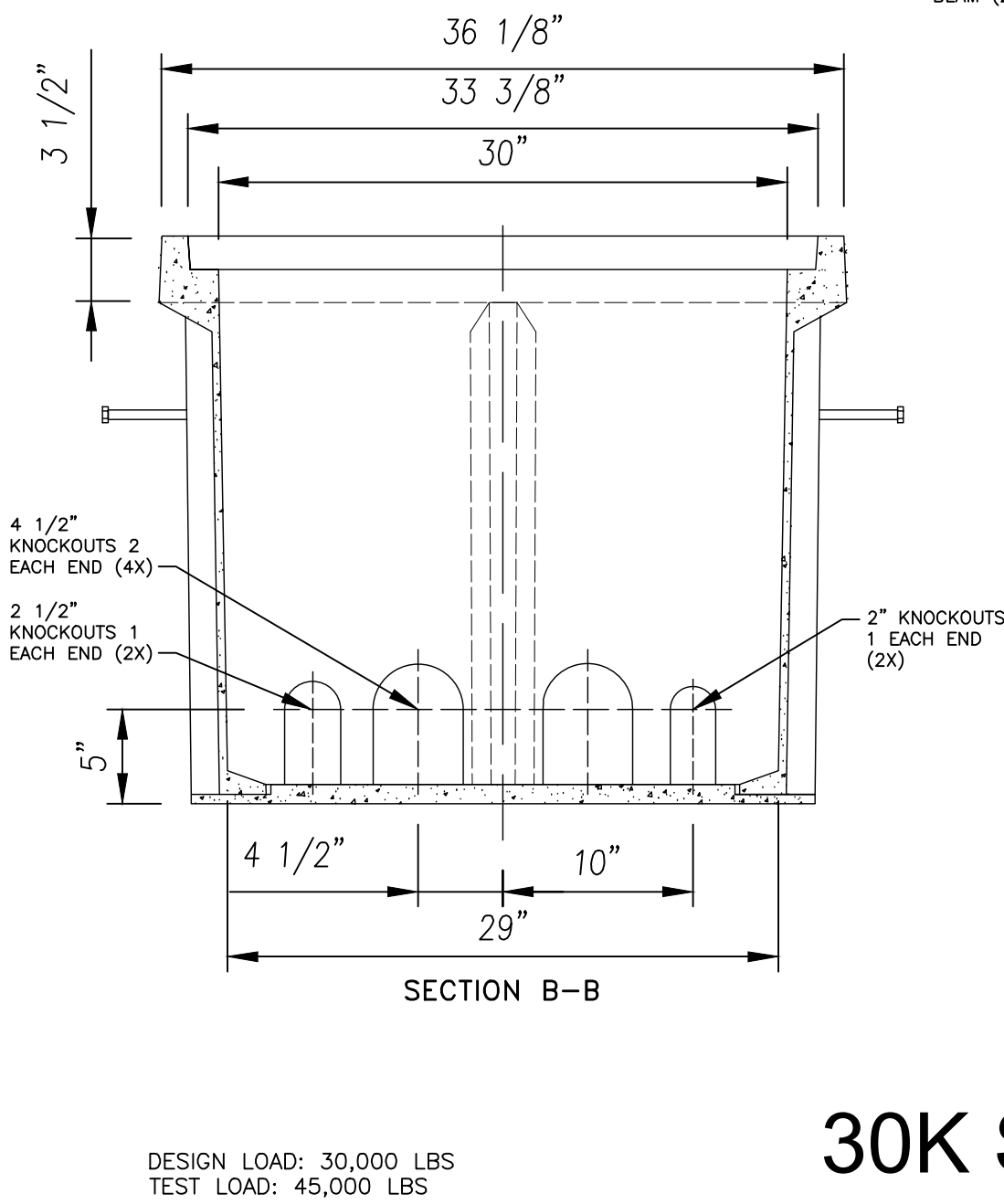
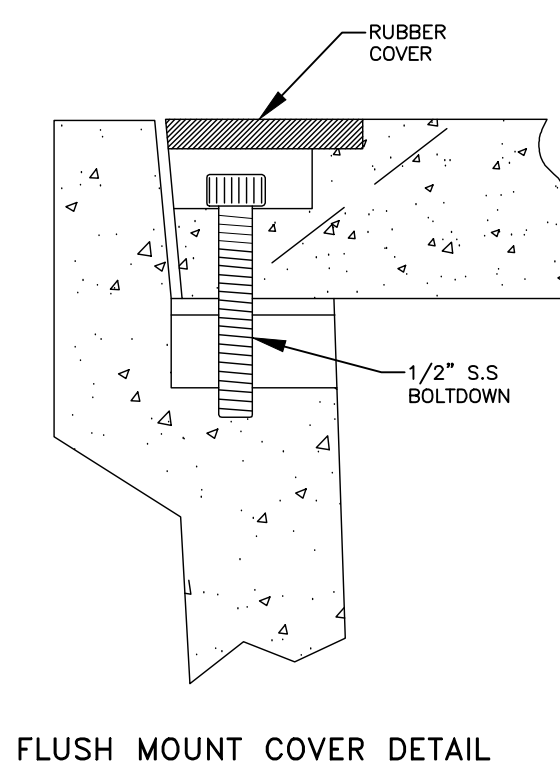
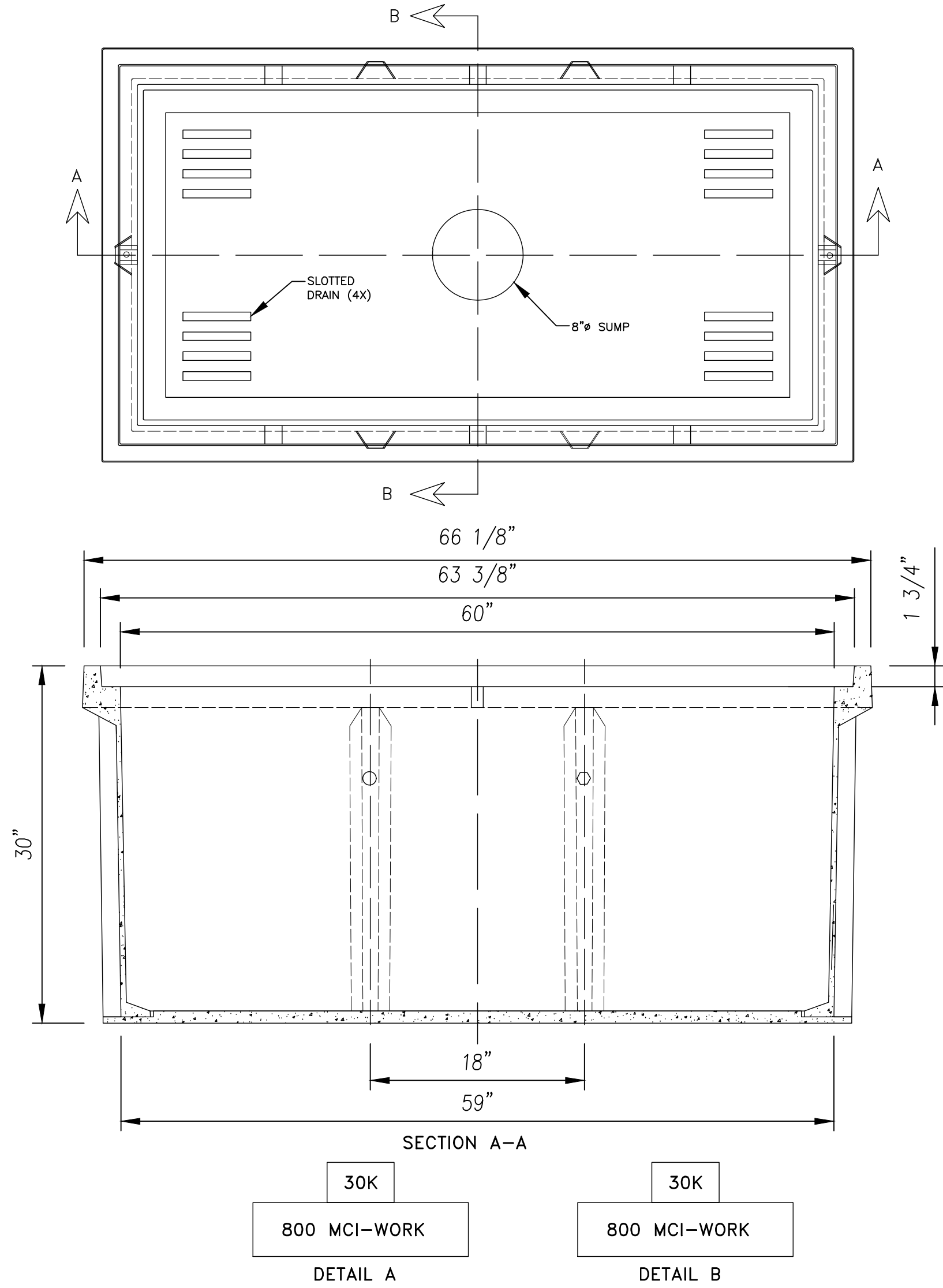
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0:00-PROJECT/DEM/VERSION ONE FIBERED, DWG/CABLE, ROCK, CITY/PERMIT/CITY/EST 10/14/19, D:\00020A, 01\48, 5\48, 2509CDQU, CO, 049

SEALED PLASTIC BAG PLACED INSIDE VAULT TO CONTAIN

1. (1) JOHNNY LOCK KEY
2. (2) S.S. JOHNNY BOLTS W FLAT WASHER
3. SHRINK WRAP COVERS TO FRAME FOR PACKAGING



30K STANDARD HANDHOLE

30" X 60" X 30"

PART # A6001742TAPMCI3

NOTE:
HANDHOLE SHALL BE KEPT OUT OF SIDEWALKS AND TRAILS.

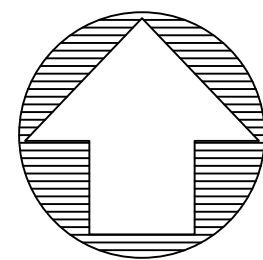
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DENVER, CO



0 25 50
SCALE 1" = 50'

MCImetro
ACCESS TRANSMISSION SERVICES, LLC
OUTSIDE PLANT CONSTRUCTION
TITLE: FIBER OPTIC CABLE ROUTE
DENVER, CO NED PERMIT

DATE: 8/17/26
ENGINEER: ADB
DRAWN BY:

REVISIONS

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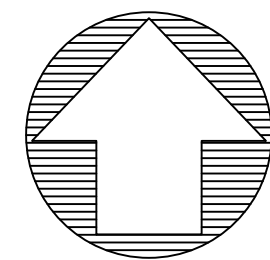
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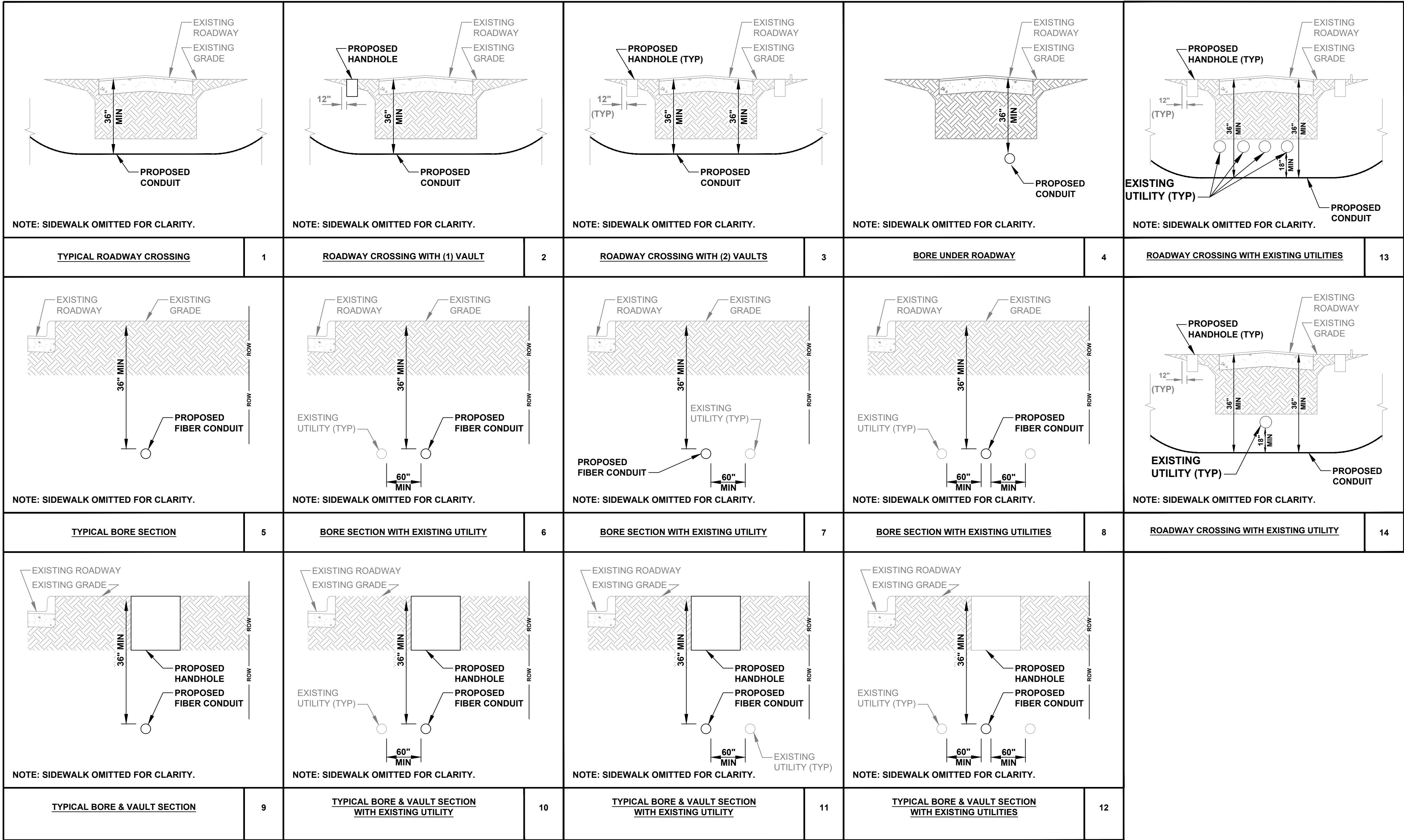
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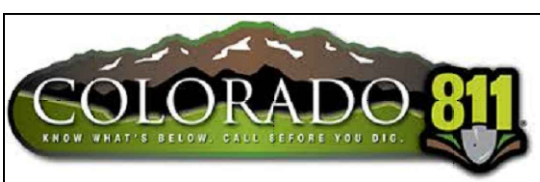
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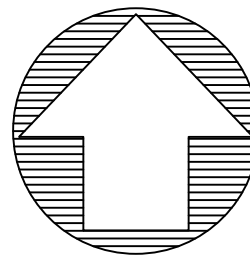


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DENVER, CO



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SCALE 1" = 50'

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MCImetro

ACCESS TRANSMISSION SERVICES, LLC

OUTSIDE PLANT CONSTRUCTION

TITLE: FIBER OPTIC CABLE ROUTE

DENVER, CO NED PERMIT

G:\01-PROJECTS\DENVER\VERIZON ONE FIBER\NED_DWG\CASTLE_ROCK\CASTLE ROCK - DETAILS AND STANDARDS\ROW-POTHOLE-REPAIR.png

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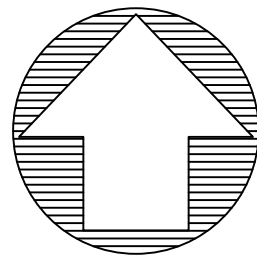
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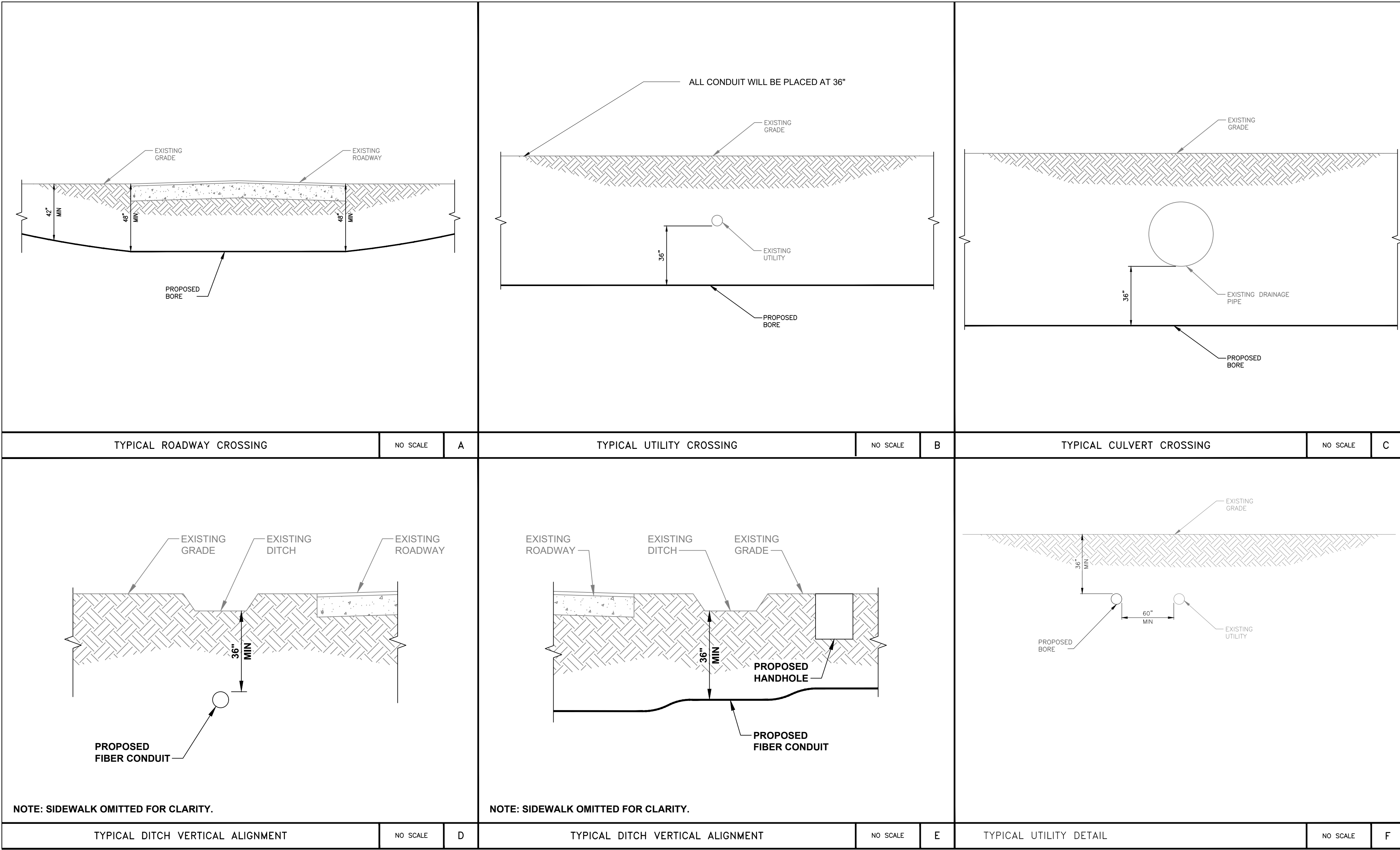
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NOTE: SIDEWALK OMITTED FOR CLARITY.

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TOWN OF CASTLE ROCK APPROVAL PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL.	
APPROVED BY:	
DEVELOPMENT SERVICES	DATE
PROFESSIONAL ENGINEER CERTIFICATION	
I HEREBY AFFIRM THAT THESE FINAL CONSTRUCTION PLANS WERE PREPARED UNDER MY DIRECT SUPERVISION, IN ACCORDANCE WITH ALL APPLICABLE TOWN OF CASTLE ROCK AND STATE OF COLORADO STANDARDS AND STATUTES, RESPECTIVELY, AND THAT I AM FULLY RESPONSIBLE FOR ALL DESIGN AND REVISION RELATIVE TO SAID PLANS.	
	DATE

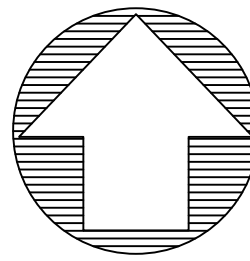
SLACK LOOP STANDARDS PER FIBER SIZE: 864- 75' 432- 75' ALL OTHER FIBER SIZES- 100'. ALL AERIAL SLACK LOOPS TO BE 150' AT EVERY 1500' BORES TO BE AT 36" DEPTH TYPICAL, 48" DEPTH AT DOT CROSSINGS IF BORING UNDER TREES IN ROW BORE TO BE DEPTH OF 7' TO AVOID ROOTS

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MCImetro

ACCESS TRANSMISSION SERVICES, LLC

OUTSIDE PLANT CONSTRUCTION

TITLE: FIBER OPTIC CABLE ROUTE

DENVER, CO NED PERMIT

DATE:8/17/26

ENGINEER:ADB

DRAWN BY:

REVISIONS

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SCALE

HORIZONTAL:1:50

VERTICAL:1:50

SHEET NO:13 OF 26

WORK ORDER:

2509CDQU

LEGEND

	PROPOSED HANDHOLE		PROPOSED UNDERGROUND		WATER UTILITY FEATURE
	EXISTING HANDHOLE		PROPOSED AERIAL		FIRE HYDRANT
	EXISTING MANHOLE		EXISTING FIBER		WASTE WATER UTILITY FEATURE
	UTILITY POLE		OVERLASHING AERIAL		STORM WATER UTILITY FEATURE
	CELL SITE		WATER LINE		COMMUNICATIONS UTILITY FEATURE
	HUB SITE		STORM DRAIN LINE		RECLAIMED WATER UTILITY FEATURE
	SPLICE POINT		GAS LINE		TRAFFIC CONTROL UTILITY FEATURE
	SLACK LOOP		SEWER LINE		GAS UTILITY FEATURE
	BORE SLOT LOCATION		RECLAIMED WATER LINE		ELECTRICAL UTILITY FEATURE
	FIBER DISTRIBUTION HUB		COMMUNICATIONS LINE		MARKER POST
	FIBER DISTRIBUTION TERMINAL		ELECTRICAL LINE		PRIVATE ADDRESS
	TERMINATION PANEL		RIGHT OF WAY		STATE ROAD
	POTHOLE		EDGE OF PAVEMENT		FLOOD PLAIN
			BOUNDARY LINE		NWI WETLANDS
			EASEMENT BOUNDARY		
			PROPOSED BORE		

NOTES:

1.

RIGHT OF WAY DATA USED FOR PERMITTING PURPOSES ONLY.
2.

ABOVE GROUND UTILITY FEATURES HAVE BEEN FIELD VERIFIED. ALL SUBSURFACE UTILITIES SHOWN ARE APPROXIMATE. UTILITY LOCATES WILL BE PERFORMED PRIOR TO CONSTRUCTION.
3.

RIGHT OF WAY GIS DATA PROVIDED BY DENVER COUNTY.
4.

ALL BORES WILL BEGIN AND END AT A MINIMUM OF 8' FROM EDGE OF PAVEMENT.
5.

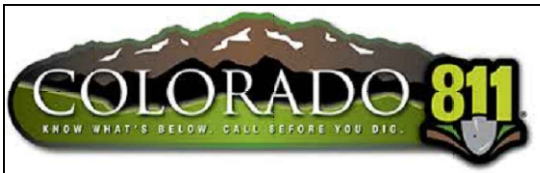
MAINTAIN A 60" MINIMUM SEPARATION FROM ALL UTILITIES.
6.

DRIVEWAYS, TREES, AND CULVERTS WILL BE DIRECTIONAL BORED.
7.

UTILITY FACILITIES INSTALLED IN A DITCH LINE MUST MAINTAIN AT LEAST 30 INCHES OF COVER FROM THE CROWN OF THE CONDUIT TO THE BOTTOM OF THE DITCH LINE DESIGN DEPTH.

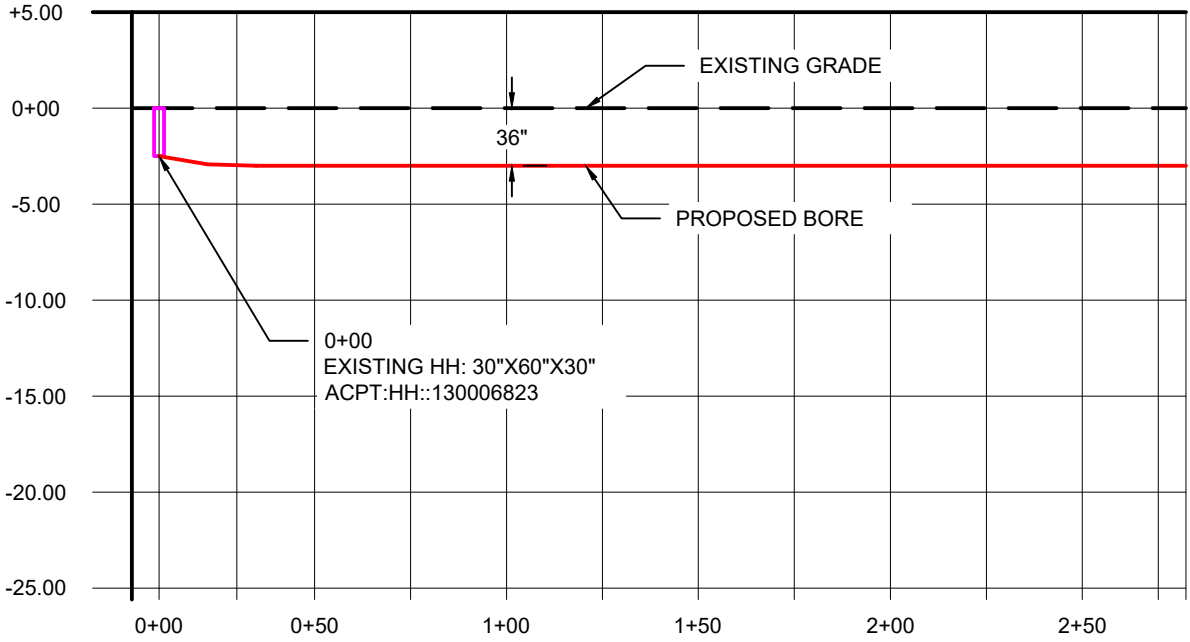
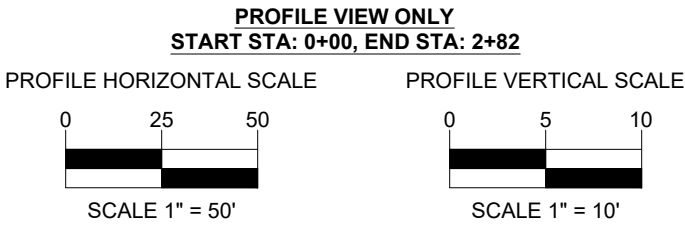
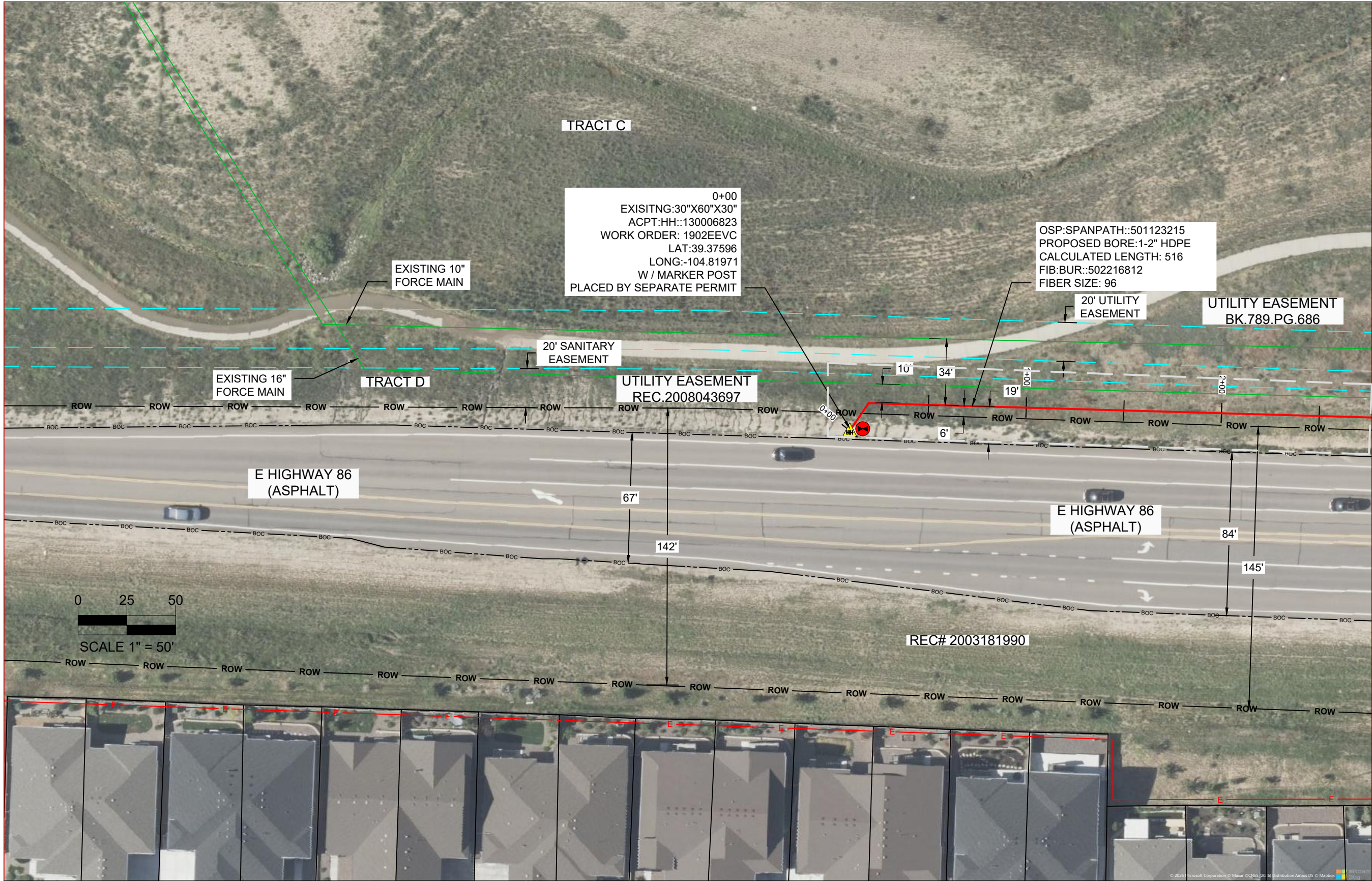
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NOTE:
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PLAN LEGEND				PROFILE LEGEND			
	PROPOSED UNDERGROUND		SEWER LINE		EXISTING GRADE		PROPOSED AERIAL
	EXISTING FIBER		RECLAIMED WATER LINE		EXISTING HANDHOLE		OVER LASHING AERIAL
	WATER LINE		COMMUNICATIONS LINE		EXISTING MANHOLE		STORM DRAIN LINE
	GAS LINE		ELECTRICAL LINE		SPLICE POINT		EDGE OF PAVEMENT
			RIGHT OF WAY		POTHOLE		BOUNDARY LINE
			EDGE OF PAVEMENT		WATER STRUCTURE		

APPROVED BY:

DATE

TOWN OF CASTLE ROCK APPROVAL
PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM
DATE OF DEVELOPMENT SERVICES APPROVAL

DEVELOPMENT SERVICES

DATE

PROFESSIONAL ENGINEER CERTIFICATION

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DATE

DATE: 8/17/26
ENGINEER: ADB

DRAWN BY:

REVISIONS

NO.	DESCRIPTION	DATE

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SCALE

HORIZONTAL: 1:50

VERTICAL: 1:50

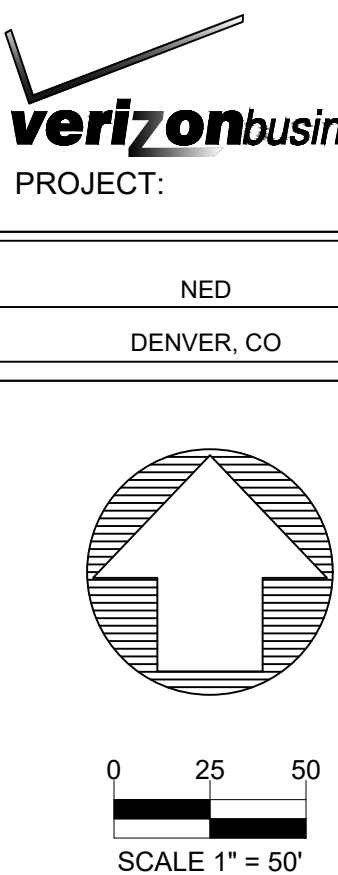
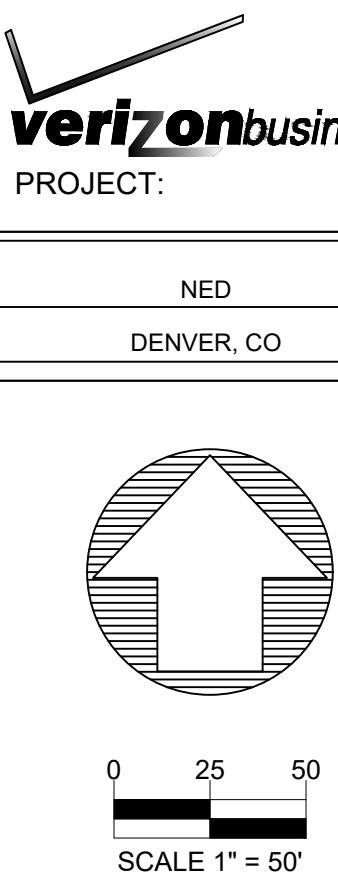
SHEET NO: C-101

PAGE NO: 14 OF 26

WORK ORDER:

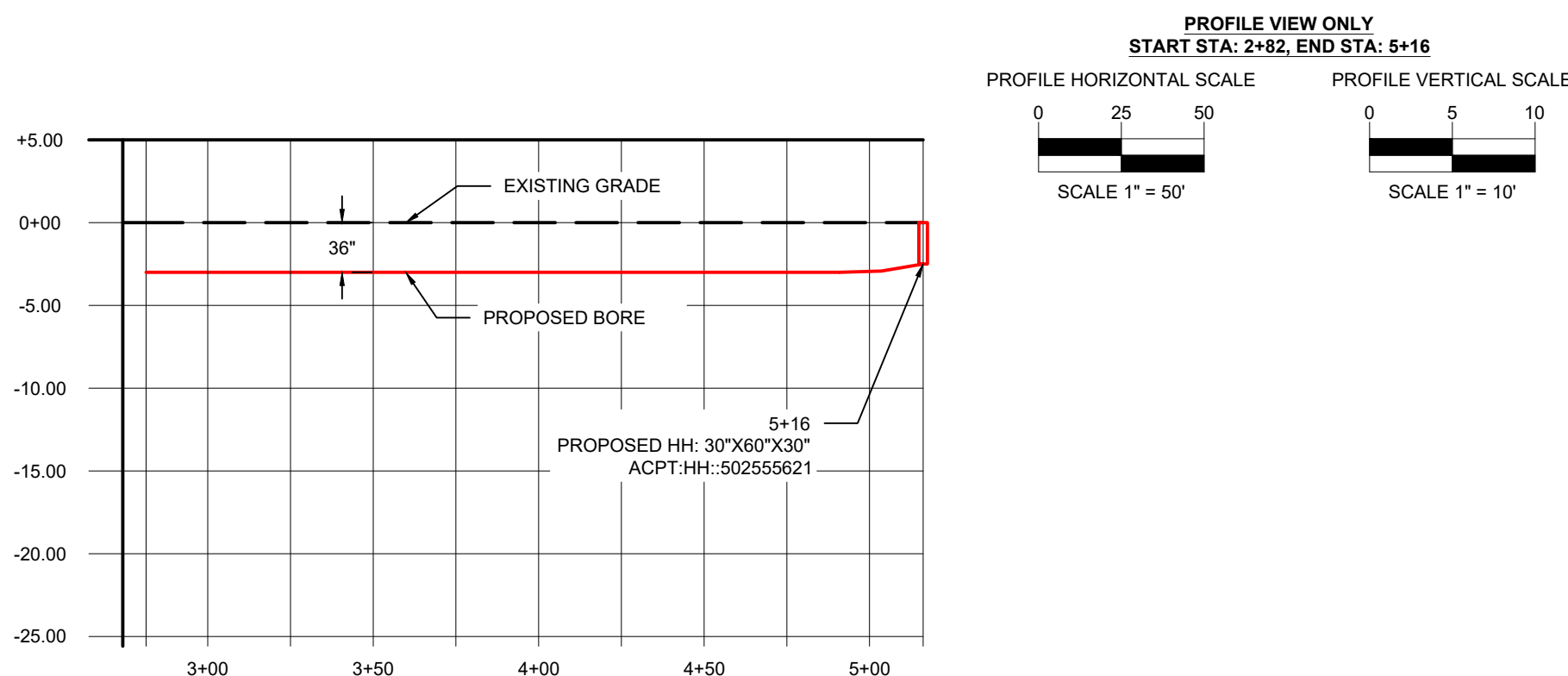
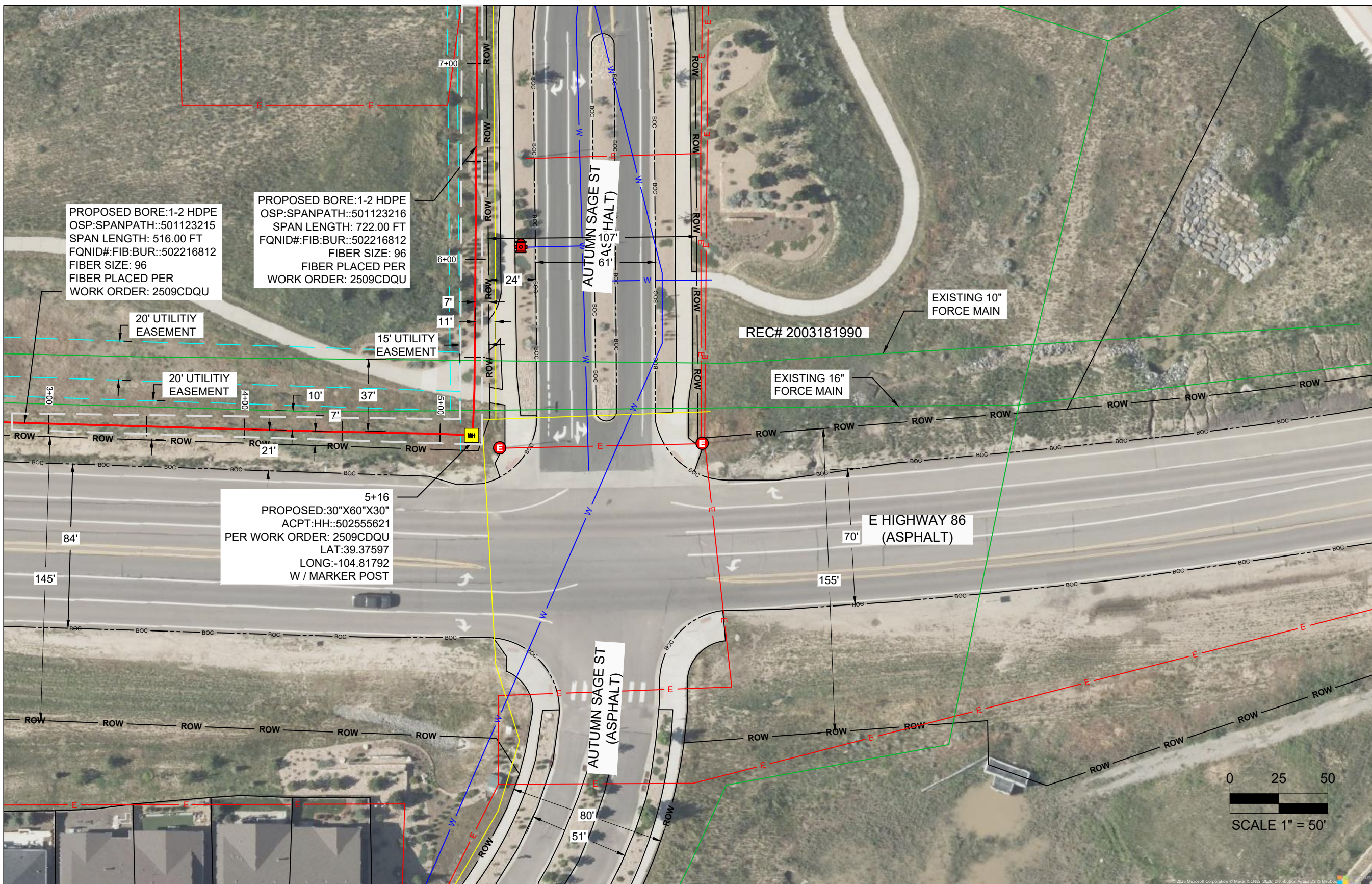
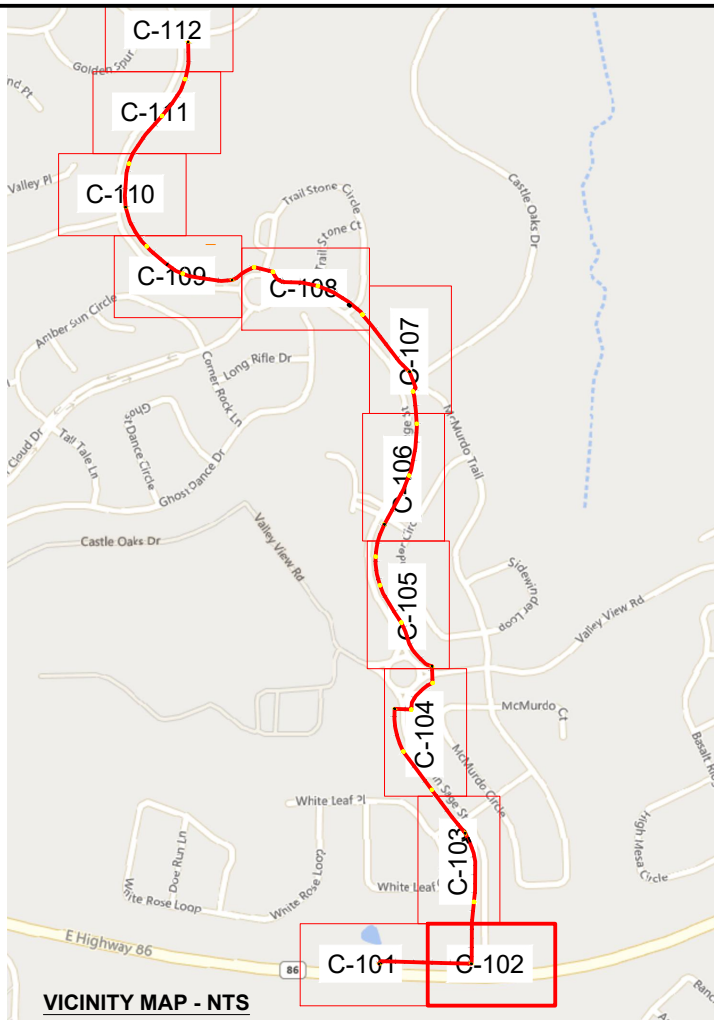
2509CDQU

MCImetro
ACCESS TRANSMISSION SERVICES, LLC
OUTSIDE PLANT CONSTRUCTION
TITLE: FIBER OPTIC CABLE ROUTE
DENVER, CO NED PERMIT



DENVER, CO NED PERMIT

2509CDC



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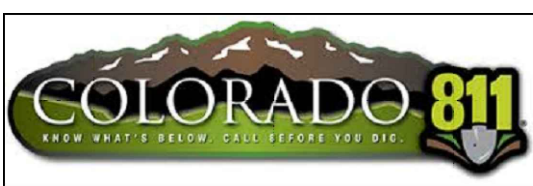
PLAN LEGEND							PROFILE LEGEND		
	PROPOSED UNDERGROUND		SEWER LINE		EASEMENT BOUNDARY		FIRE HYDRANT		EXISTING GRADE
	PROPOSED AERIAL		RECLAIMED WATER LINE		EXISTING HANDHOLE		SEWER STRUCTURE		PROPOSED GRADE
	EXISTING FIBER		COMMUNICATIONS LINE		PROPOSED HANDHOLE		DRAINAGE STRUCTURE		EXISTING CONDUIT
	OVER LASHING AERIAL		ELECTRICAL LINE		EXISTING MANHOLE		COMMUNICATIONS STRUCTURE		PROPOSED BORE
	WATER LINE	ROW- EOP-	RIGHT OF WAY		SPLICE POINT		GAS STRUCTURE		EXISTING HANDHOLE / MANHOLE
	STORM DRAIN LINE		EDGE OF PAVEMENT		POTHOLE		ELECTRICAL STRUCTURE		PROPOSED HANDHOLE
	GAS LINE		BOUNDARY LINE		WATER STRUCTURE		LIMITS OF CONSTRUCTION		BORE PIT

2509CDQL

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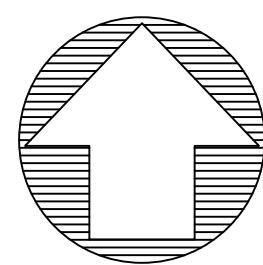
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ENGINEER TO ALTER THIS DOCUMENT





0 25 50
SCALE 1" = 50'

POTHOLE TABLE				
POTHOLE #	UTILITY	DIAMETER	TOP OF UTILITY	BOTTOM OF UTILITY
PH 3 @ 7+65	WATER			
PH4 @ 7-59	ELECTRIC			
PH5 @ 7+11	SANITARY			
PH6 @ 7+84	ELECTRIC			
PH7 @ 8+07	WATER			
PH 8 @ 8-25	STORM			
PH 9 @ 9-35	WATER			
PH 10 @ 12-30	GAS			
PH11 @ 12-45	GAS			
PH 12 @ 12-68	SANITARY			
PH 13 @ 13-16	WATER			
PH 14 @ 13+63	GAS			
PH 15 @ 14-31	GAS			

MCImetro

OUTSIDE PLANT CONSTRUCTION

DENVER, CO NED PERMIT

ENGINEER: ADE

DRAWN BY: _____

[illegible]

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SCALE

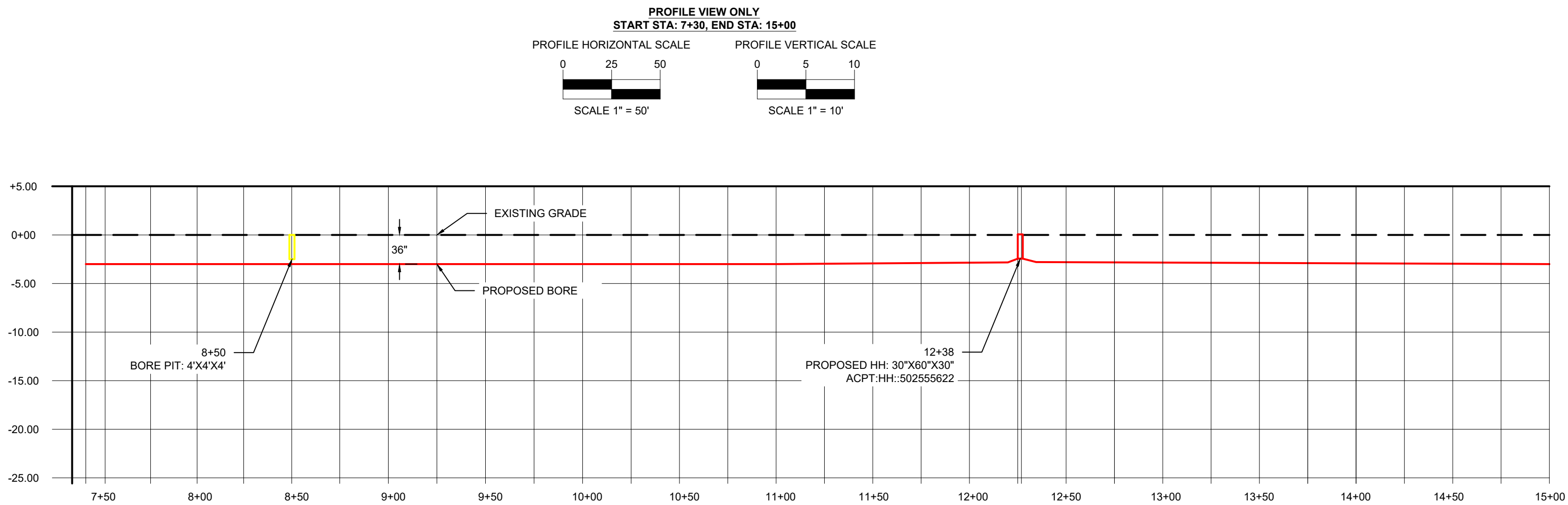
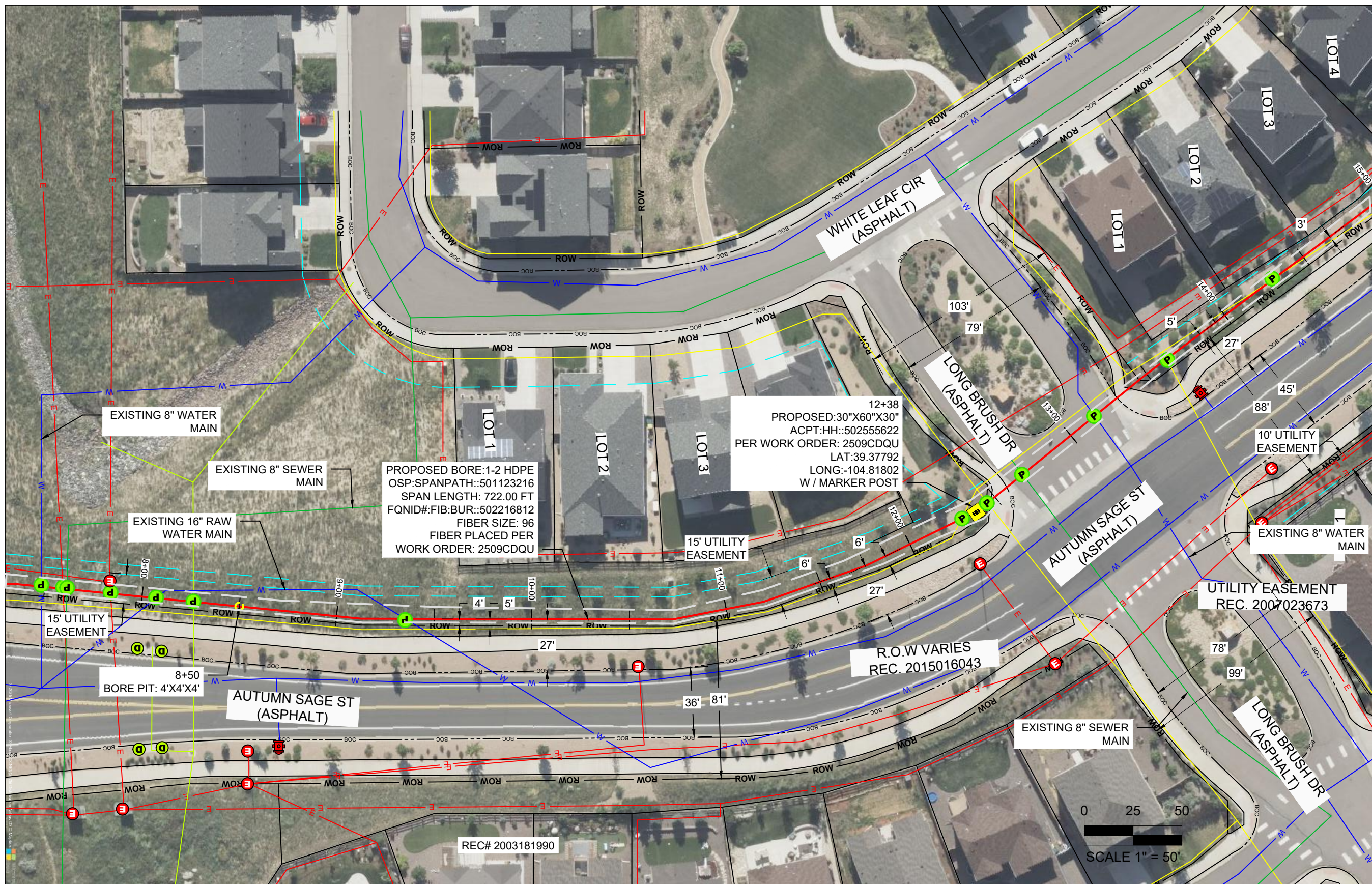
HORIZONTAL: 1:50

VERTICAL: 1:50

SHEET NO: C-103

PAGE NO: 16 OF 2

WORK ORDER: 05000000



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	PROPOSED AERIAL		RECLAIMED WATER LINE		EXISTING HANDHOLE		SEWER STRUCTUE		PROPOSED GRADE
	EXISTING FIBER		COMMUNICATIONS LINE		PROPOSED HANDHOLE		DRAINAGE STRUCTURE		EXISTING CONDUIT
	OVER LASHING AERIAL		ELECTRICAL LINE		EXISTING MANHOLE		COMMUNICATIONS STRUCTURE		PROPOSED BORE
	WATER LINE		RIGHT OF WAY		SPLICE POINT		GAS STRUCTURE		EXISTING HANDHOLE / MANHOLE
	STORM DRAIN LINE		EDGE OF PAVEMENT		POTHOLE		ELECTRICAL STRUCTURE		PROPOSED HANDHOLE
	GAS LINE		BOUNDARY LINE		WATER STRUCTURE		LIMITS OF CONSTRUCTION		BORE PIT

**TOWN OF CASTLE ROCK APPROVAL
PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM
DATE OF DEVELOPMENT SERVICES APPROVAL**

APPROVED BY

DEVELOPMENT

PROFESSIONAL ENGINEER CERTIFICATION

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SLACK LOOP STANDARDS PER FIBER SIZE: 864- 75', 432 - 75' ,ALL OTHER
FIBER SIZES- 100', ALL AERIAL SLACK LOOPS TO BE 150' AT EVERY 1500'
BORES TO BE AT 36" DEPTH TYPICAL, 48" DEPTH AT DOT CROSSINGS
IF BORING UNDER TREES IN ROW BORE TO BE DEPTH OF 7' TO AVOID
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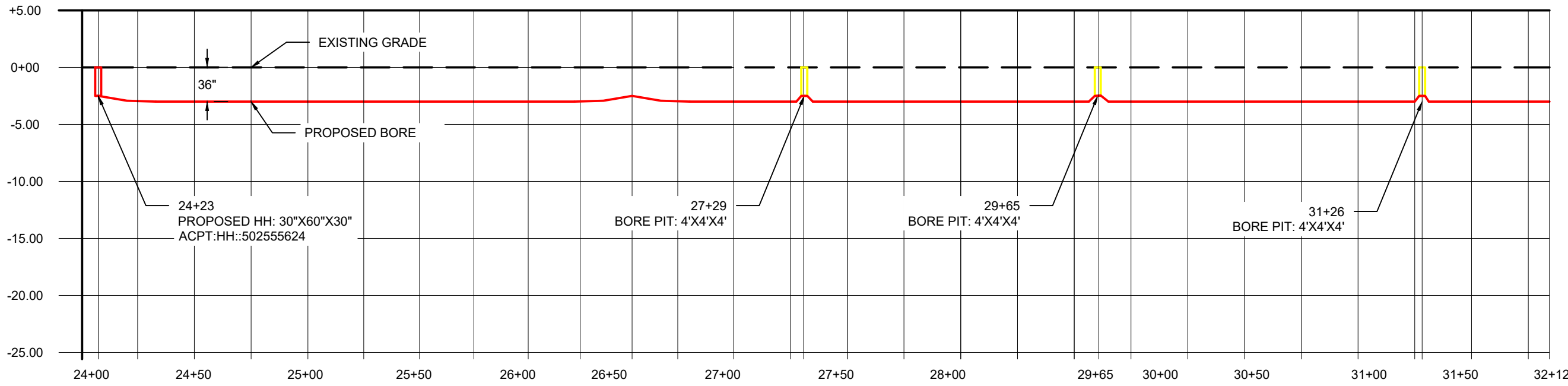
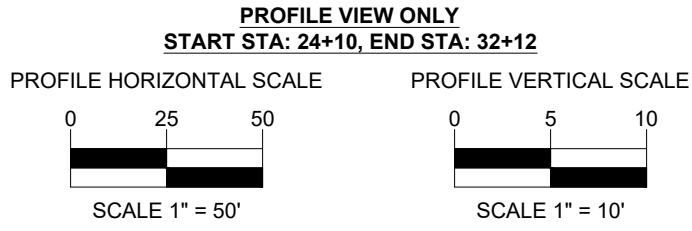
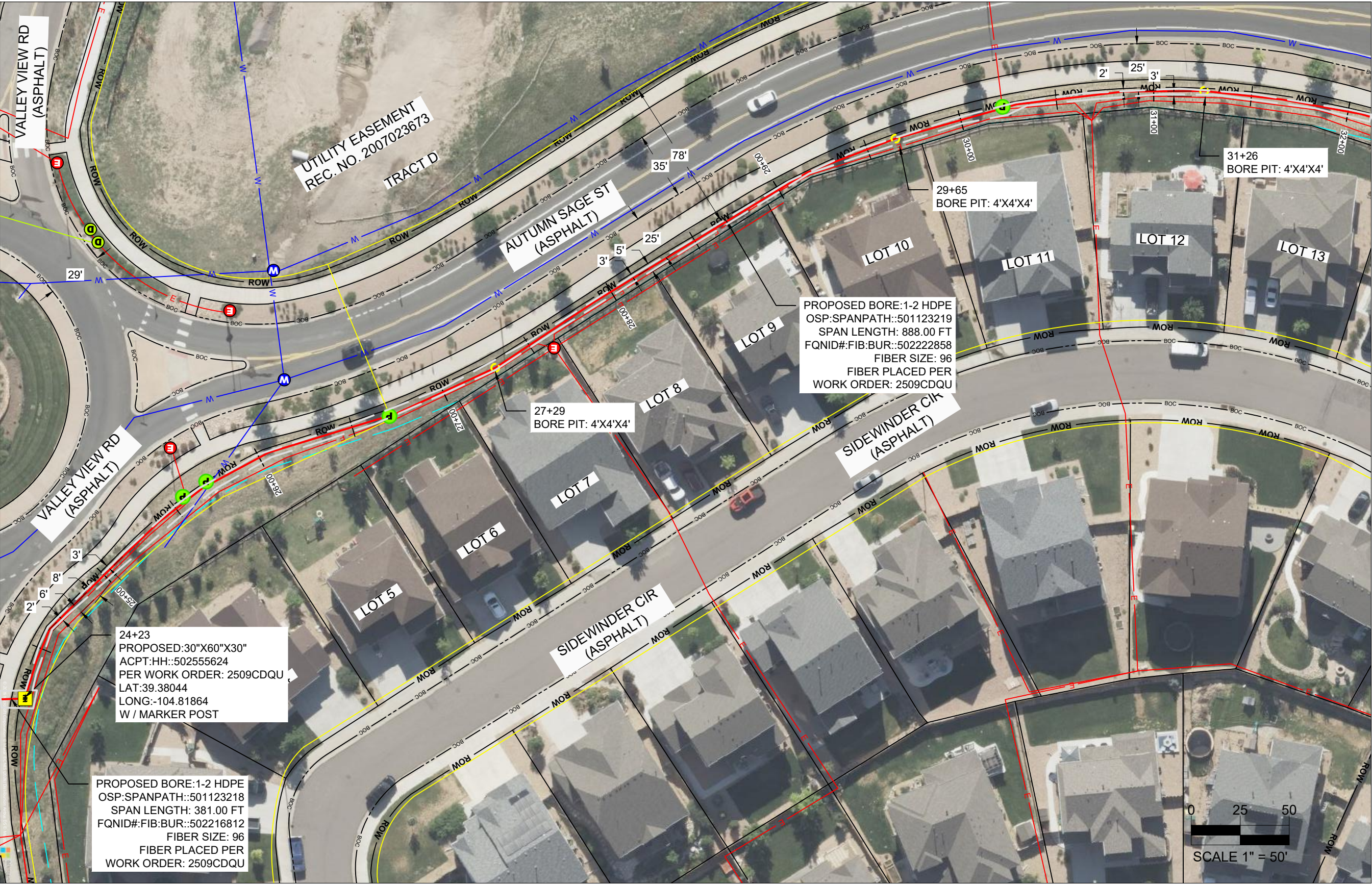


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2509CDQ

0:\PROJECTS\DENVER\VERSION ONE FIBERED, DWO\CABLE, ROCK, CITY PERMIT\CLUSTERS 10\149\DW\DW02020A_11\LAB_S\DW_2509CDQU_CO.dwg



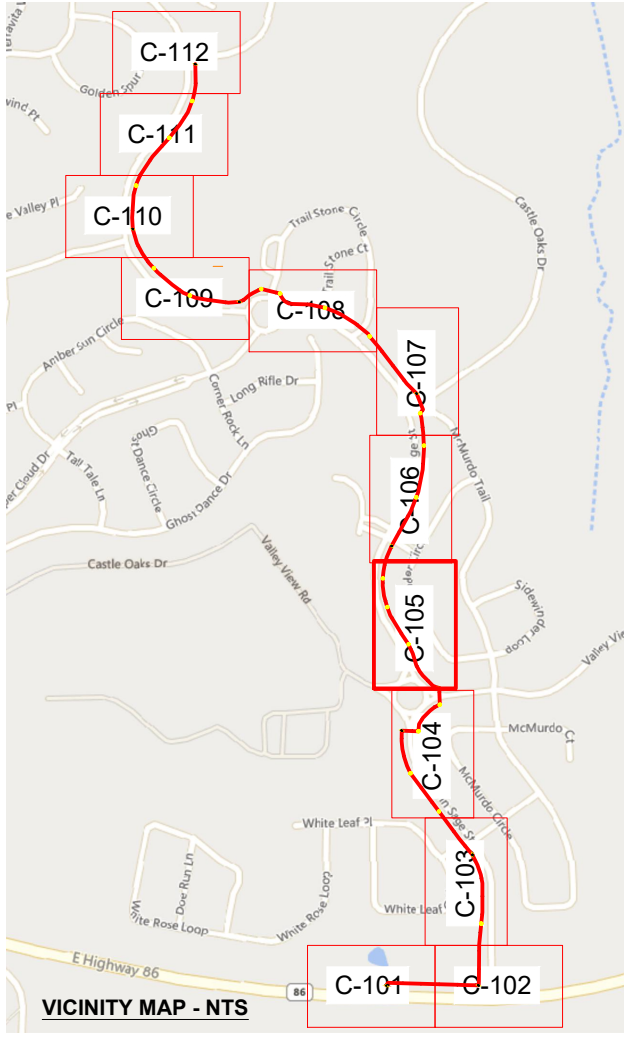
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PLAN LEGEND					PROFILE LEGEND				
UG	PROPOSED UNDERGROUND	SS	SEWER LINE		EASEMENT BOUNDARY		FIRE HYDRANT		EXISTING GRADE
AE	PROPOSED AERIAL	R	RECLAIMED WATER LINE		EXISTING HANDHOLE		SEWER STRUCTURE		PROPOSED GRADE
EX	EXISTING FIBER	C	COMMUNICATIONS LINE		PROPOSED HANDHOLE		DRAINAGE STRUCTURE		EXISTING CONDUIT
OA	OVER LASHING AERIAL	E	ELECTRICAL LINE		EXISTING MANHOLE		COMMUNICATIONS STRUCTURE		PROPOSED BORE
W	WATER LINE	ROW	RIGHT OF WAY		SPLICE POINT		GAS STRUCTURE		EXISTING HANDHOLE / MANHOLE
DR	STORM DRAIN LINE	EOP	EDGE OF PAVEMENT		POT HOLE		ELECTRICAL STRUCTURE		PROPOSED HANDHOLE
NG	GAS LINE		BOUNDARY LINE		WATER STRUCTURE		LIMITS OF CONSTRUCTION		BORE PIT



POT HOLE TABLE				
POT HOLE #	UTILITY	DIAMETER	TOP OF UTILITY	BOTTOM OF UTILITY
PH 23 @ 25+57	ELECTRIC			
PH 24 @ 25+71	WATER			
PH 25 @ 29+70	GAS			
PH 26 @ 30+22	ELECTRIC			

PROJECT:

NED

DENVER, CO

0 25 50
SCALE 1" = 50'

MCImetro
ACCESS TRANSMISSION SERVICES, LLC
OUTSIDE PLANT CONSTRUCTION
TITLE: FIBER OPTIC CABLE ROUTE
DENVER, CO NED PERMIT

DATE: 8/17/26
ENGINEER: ADB
DRAWN BY:

REVISIONS

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SCALE

HORIZONTAL: 1:50
VERTICAL: 1:50
SHEET NO: C-105
PAGE NO: 18 OF 26
WORK ORDER: 2509CDQU

TOWN OF CASTLE ROCK APPROVAL
PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL

APPROVED BY:

DEVELOPMENT SERVICES

DATE

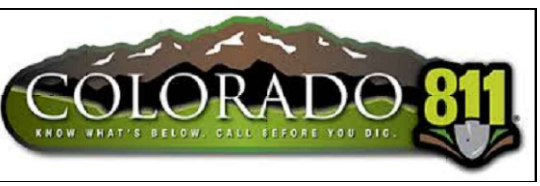
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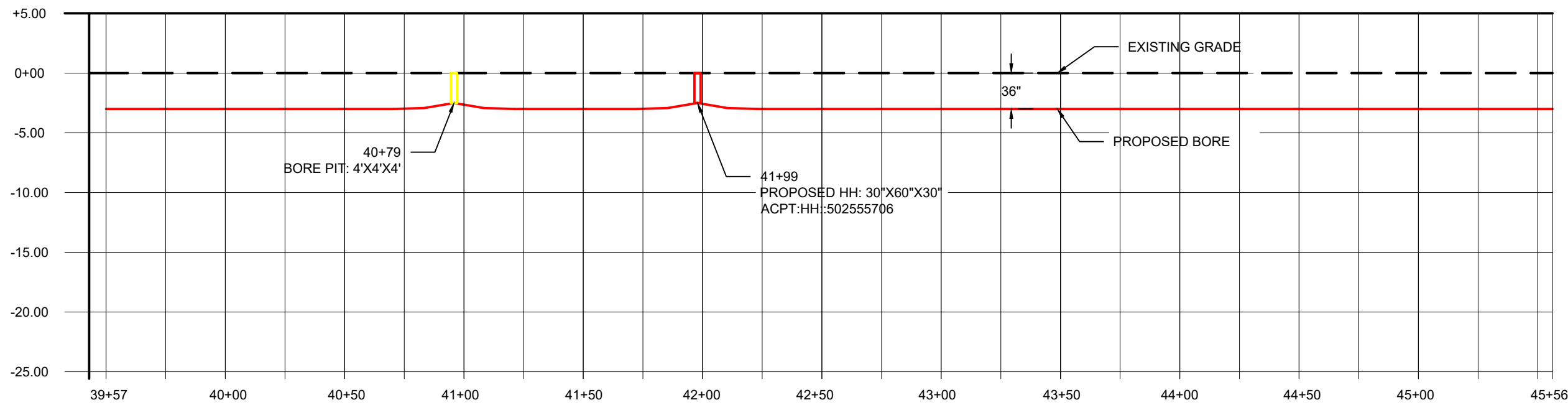
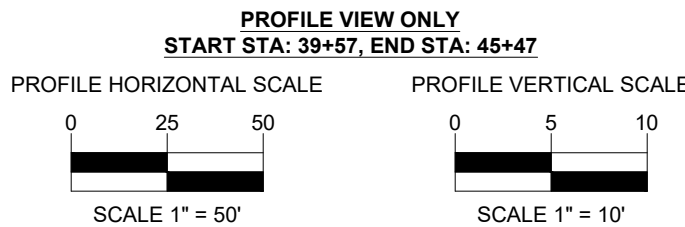
6880 S. YOSEMITE CT, SUITE 150
CENTENNIAL, CO 80112
M1: (902) 647-6378 M2: (719) 360-5418



POTHOLE TABLE				
POTHOLE #	UTILITY	DIAMETER	TOP OF UTILITY	BOTTOM OF UTILITY
PH 30 @ 40+52	ELECTRIC			
PH 31 @ 40+45	ELECTRIC			
PH 32 @ 41+09	ELECTRIC			
PH 33 @ 41+38	WATER			
PH 34 @ 41+79	WATER			
PH 35 @ 43+31	STORM			
PH 36 @ 45+05	SANITARY			
PH 37 @ 45+18	WATER			

OUTSIDE PLANT CONSTRUCTION

DENVER, CO NED PERMIT



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PLAN LEGEND								PROFILE LEGEND	
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	PROPOSED AERIAL		RECLAIMED WATER LINE		EXISTING HANDHOLE		SEWER STRUCTURE		PROPOSED GRADE
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	OVER LASHING AERIAL		ELECTRICAL LINE		EXISTING MANHOLE		COMMUNICATIONS STRUCTURE		PROPOSED BORE
	WATER LINE		RIGHT OF WAY		SPLICE POINT		GAS STRUCTURE		EXISTING HANDHOLE / MANHOLE
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TOWN OF CASTLE ROCK APPROVAL	
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APPROVED BY: _____	
_____ DEVELOPMENT SERVICES	_____ DATE
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REVISIONS

[illegible]

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SCALE

HORIZONTAL: 1:50

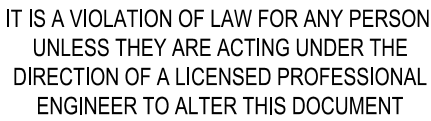
VERTICAL: 1:50

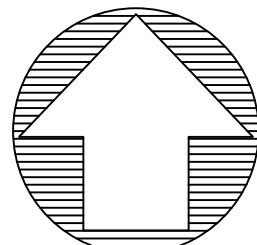
SHEET NO: C-107

PAGE NO: 20 OF 2

ORDER:

SIDEWALKS AND TRAILS SHOULD REMAIN OPEN DURING CONSTRUCTION AND SHALL NOT BE USED FOR STAGING OR CONSTRUCTION ACCESS.
DAMAGE TO TOWN, HOA, METRO DISTRICT, OR PRIVATE PROPERTY SHALL BE PROMPTLY REPAIRED BY THE CONTRACTOR. THIS INCLUDES, BUT IS NOT LIMITED TO CONCRETE, LANDSCAPING, IRRIGATION, ELECTRICAL, SITE AMENITIES.
PULL BOXES SHALL BE KEPT OUT OF SIDE WALKS





0 25 50
SCALE 1" = 50'

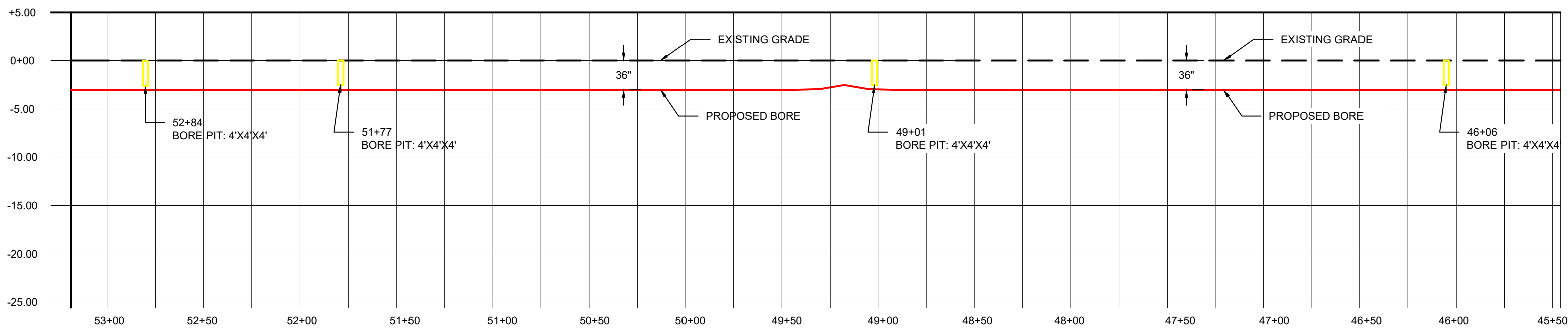
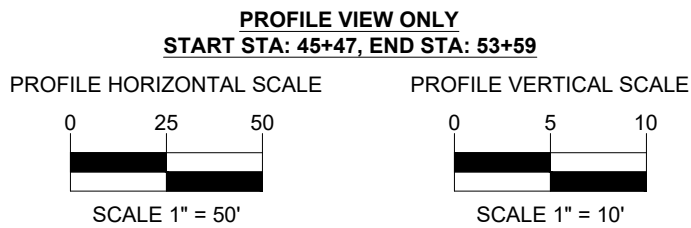
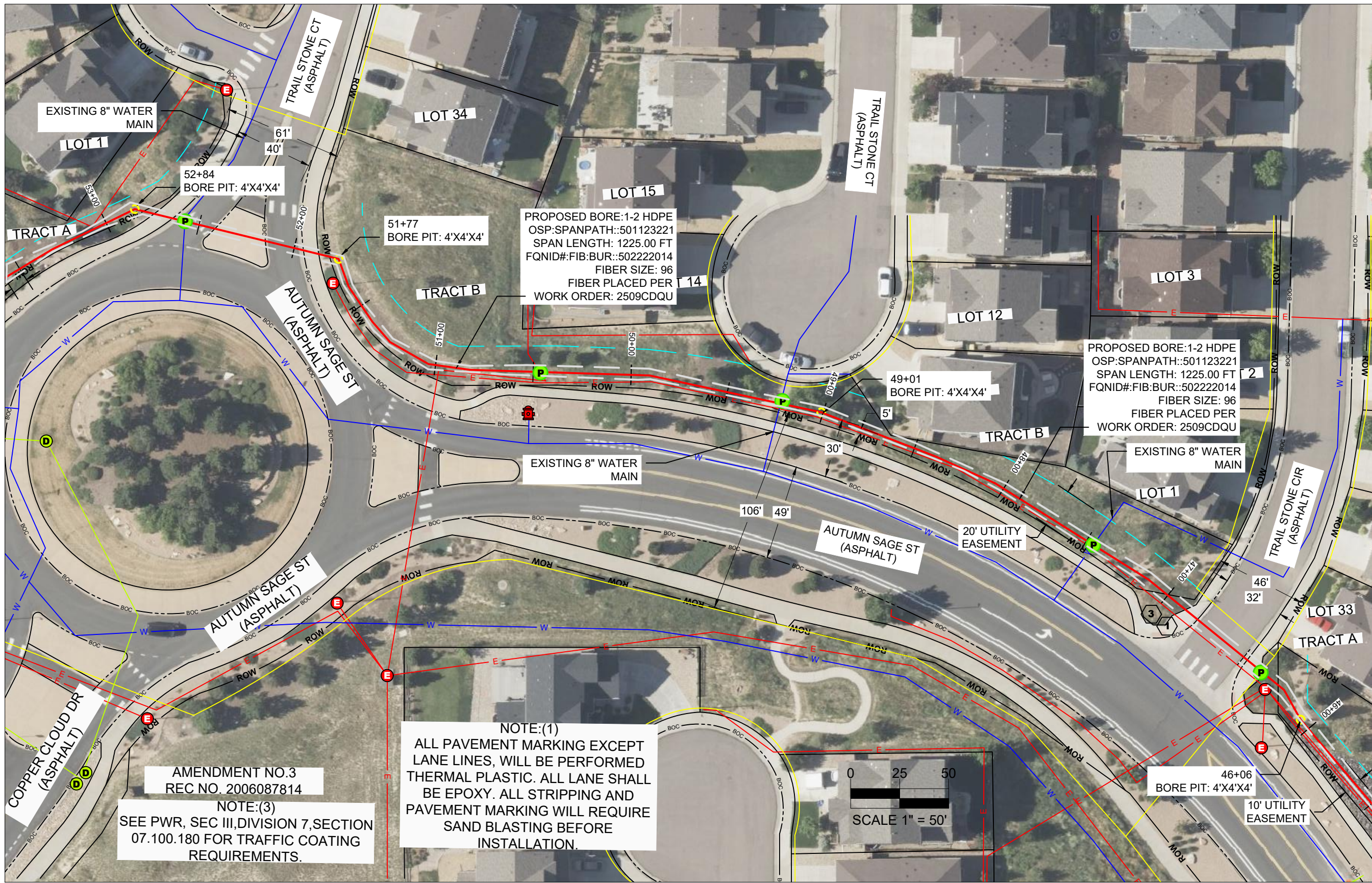
POTHOLE TABLE				
POTHOLE #	UTILITY	DIAMETER	TOP OF UTILITY	BOTTOM OF UTILITY
PH 38 @ 49+38	GAS			
PH 39 @ 47+46	WATER			
PH 40 @ 50+47	ELECTRIC			
PH 41 @ 52+57	WATER			

ACCESS TRANSMISSION SERVICES, LLC

OUTSIDE PLANT CONSTRUCTION

TITLE: FIBER OPTIC CABLE ROUTE

DENVER, CO NED PERMIT



NOTE:
THE CONTRACTOR SHALL REPLACE ANY AND ALL LANDSCAPE IRRIGATION AND PLANT MATERIAL THAT MAY BE DAMAGED WITHIN THE PUBLIC RIGHT OF WAY.

ALL PUBLIC R.O.W. SHALL BE RESTORED TO EXISTING CONDITIONS IF DAMAGED.

SIDEWALKS AND TRAILS SHOULD REMAIN OPEN DURING CONSTRUCTION. ALIGNMENT RUNS ADJACENT TO SIDEWALK, SO PLEASE CONFIRM PEDESTRIAN ACCESSIBILITY IN AREAS WHERE SIDEWALK MAY BE AFFECTED.

PLAN LEGEND				PROFILE LEGEND			
UG	PROPOSED UNDERGROUND	SS	SEWER LINE		EXISTING GRADE		EXISTING GRADE
AE	PROPOSED AERIAL	R	RECLAIMED WATER LINE		PROPOSED GRADE		PROPOSED GRADE
EX	EXISTING FIBER	C	COMMUNICATIONS LINE		EXISTING CONDUIT		EXISTING CONDUIT
OA	OVER LASHING AERIAL	E	ELECTRICAL LINE		PROPOSED BORE		PROPOSED BORE
W	WATER LINE	ROW	RIGHT OF WAY		EXISTING HANDHOLE / MANHOLE		EXISTING HANDHOLE / MANHOLE
DR	STORM DRAIN LINE	EOP	EDGE OF PAVEMENT		PROPOSED HANDHOLE		PROPOSED HANDHOLE
NG	GAS LINE		BOUNDARY LINE		BORE PIT		BORE PIT

APPROVED BY: _____

DATE: _____

DEVELOPMENT SERVICES _____ DATE _____

PROFESSIONAL ENGINEER CERTIFICATION

I HEREBY AFFIRM THAT THESE FINAL CONSTRUCTION PLANS WERE PREPARED UNDER MY DIRECT SUPERVISION, IN ACCORDANCE WITH ALL APPLICABLE TOWN OF CASTLE ROCK AND STATE OF COLORADO STANDARDS AND STATUTES, RESPECTIVELY, AND THAT I AM FULLY RESPONSIBLE FOR ALL DESIGN AND REVISION RELATIVE TO SAID PLANS.

DATE: _____

DATE: 8/17/26

ENGINEER: ADB

DRAWN BY:

REVISIONS

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: 1:50

VERTICAL: 1:50

SHEET NO: C-108

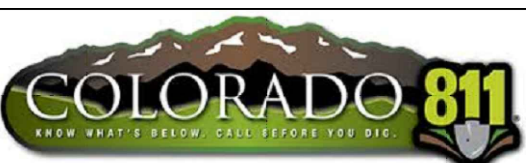
PAGE NO: 21 OF 26

WORK ORDER:

2509CDQU

SLACK LOOP STANDARDS PER FIBER SIZE: 864- 75' 432- 75' 150' ALL OTHER FIBER SIZES- 100'. ALL AERIAL SLACK LOOPS TO BE 150' AT EVERY 1500' BORES TO BE AT 36" DEPTH TYPICAL. 48" DEPTH AT DOT CROSSINGS IF BORING UNDER TREES IN ROW BORE TO BE DEPTH OF 7' TO AVOID ROOTS

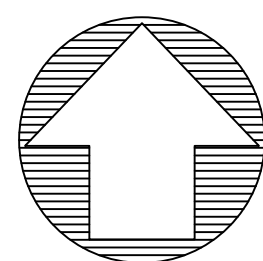
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CENTENNIAL, CO 80112
M1: (902) 647-6378 M2: (719) 360-5418

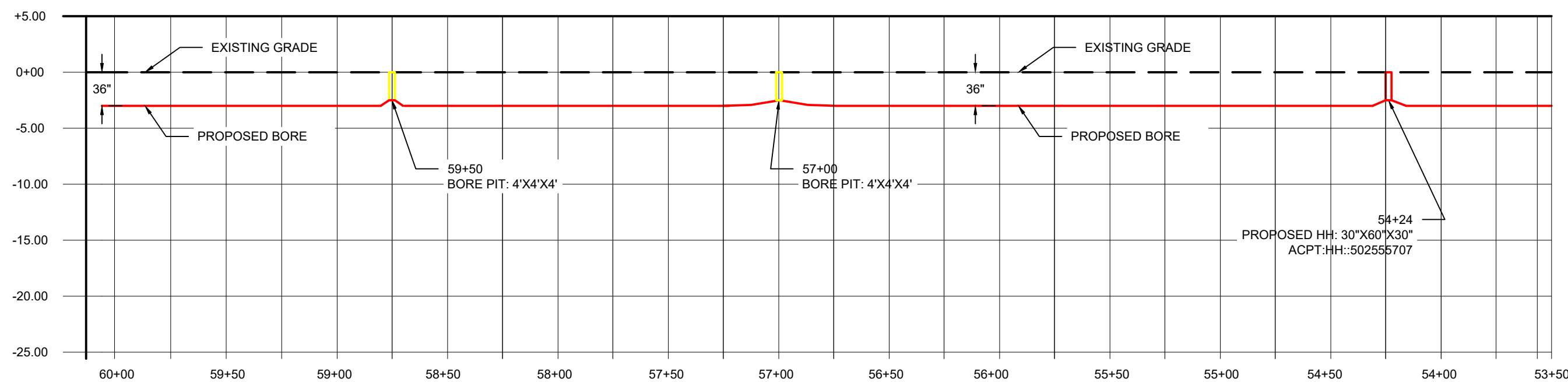
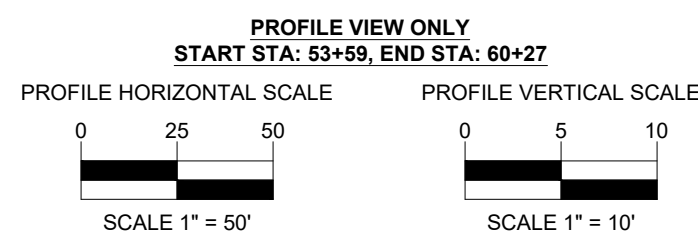
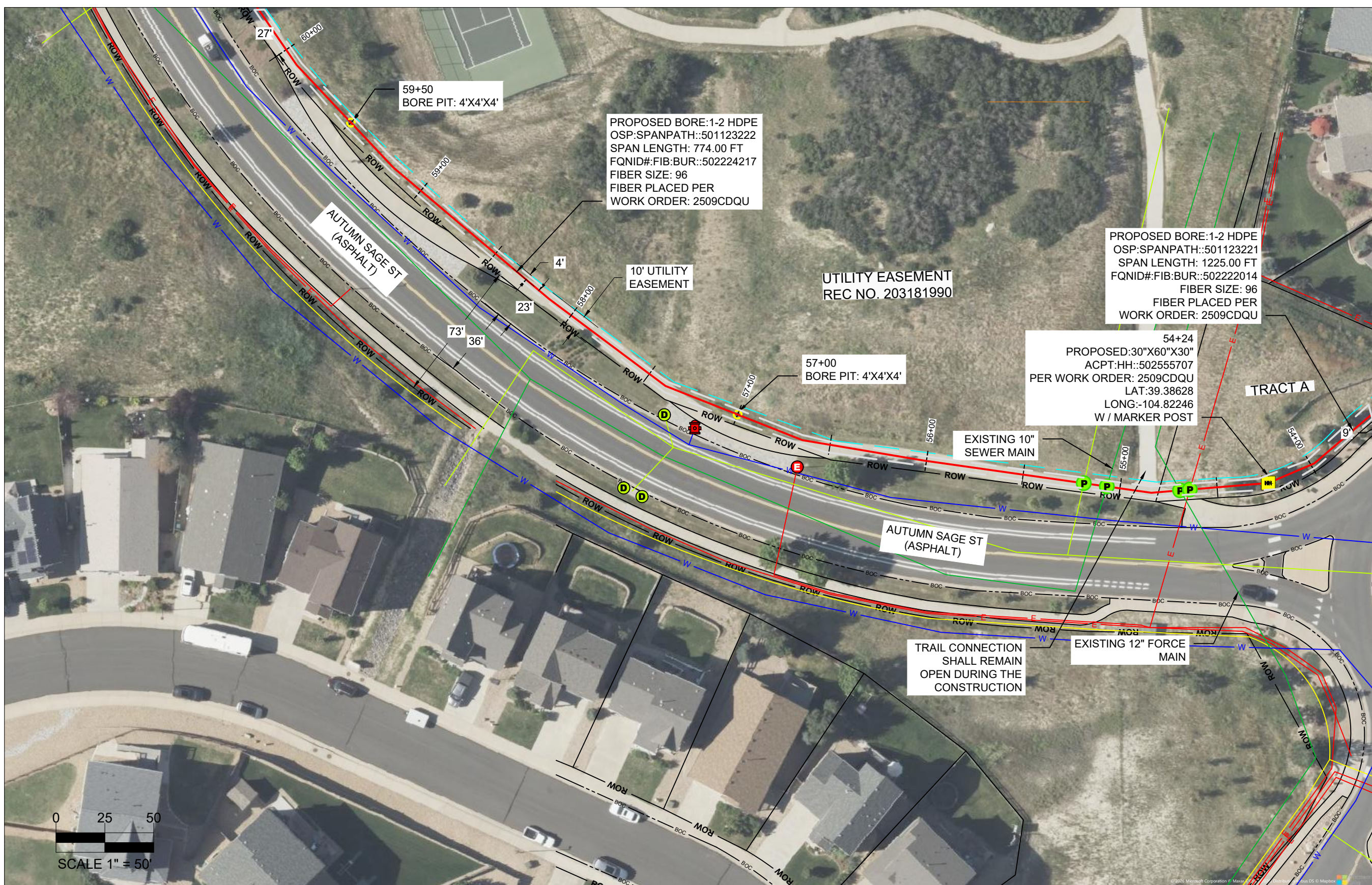


[illegible]

MCImetro

OUTSIDE PLANT CONSTRUCTION

DENVER, CO NED PERMIT



NOTE:
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PLAN LEGEND								PROFILE LEGEND	
 UG	PROPOSED UNDERGROUND	 SS	SEWER LINE		EASEMENT BOUNDARY		FIRE HYDRANT		EXISTING GRADE
 AE	PROPOSED AERIAL	 R	RECLAIMED WATER LINE		EXISTING HANDHOLE		SEWER STRUCTUE		PROPOSED GRADE
 EX	EXISTING FIBER	 C	COMMUNICATIONS LINE		PROPOSED HANDHOLE		DRAINAGE STRUCTURE		EXISTING CONDUIT
 OA	OVER LASHING AERIAL	 E	ELECTRICAL LINE		EXISTING MANHOLE		COMMUNICATIONS STRUCTURE		PROPOSED BORE
 W	WATER LINE	 ROW	RIGHT OF WAY		SPLICE POINT		GAS STRUCTURE		EXISTING HANDHOLE / MANHOLE
 DR	STORM DRAIN LINE	 EOP	EDGE OF PAVEMENT		POTHOLE		ELECTRICAL STRUCTURE		PROPOSED HANDHOLE
 NG	GAS LINE		BOUNDARY LINE		WATER STRUCTURE		LIMITS OF CONSTRUCTION		BORE PIT

TOWN OF CASTLE ROCK APPROVAL
PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM
DATE OF DEVELOPMENT SERVICES APPROVAL

APPROVED BY: _____

DEVELOPMENT SERVICES _____ DATE _____

PROFESSIONAL ENGINEER CERTIFICATION

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DATE

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NTAI ·

HORIZONTAL: 1:5

VERTICAL: 1:5

SHEET NO: C-109

PAGE NO: 22 OF 2

WORK ORDER:

SLACK LOOP STANDARDS PER FIBER SIZE: 864 - 75', 432 - 75', ALL OTHER
FIBER SIZES- 100', ALL AERIAL SLACK LOOPS TO BE 150' AT EVERY 1500'
BORES TO BE AT 36" DEPTH TYPICAL, 48" DEPTH AT DOT CROSSINGS
IF BORING UNDER TREES IN ROW BORE TO BE DEPTH OF 7' TO AVOID
ROOTS

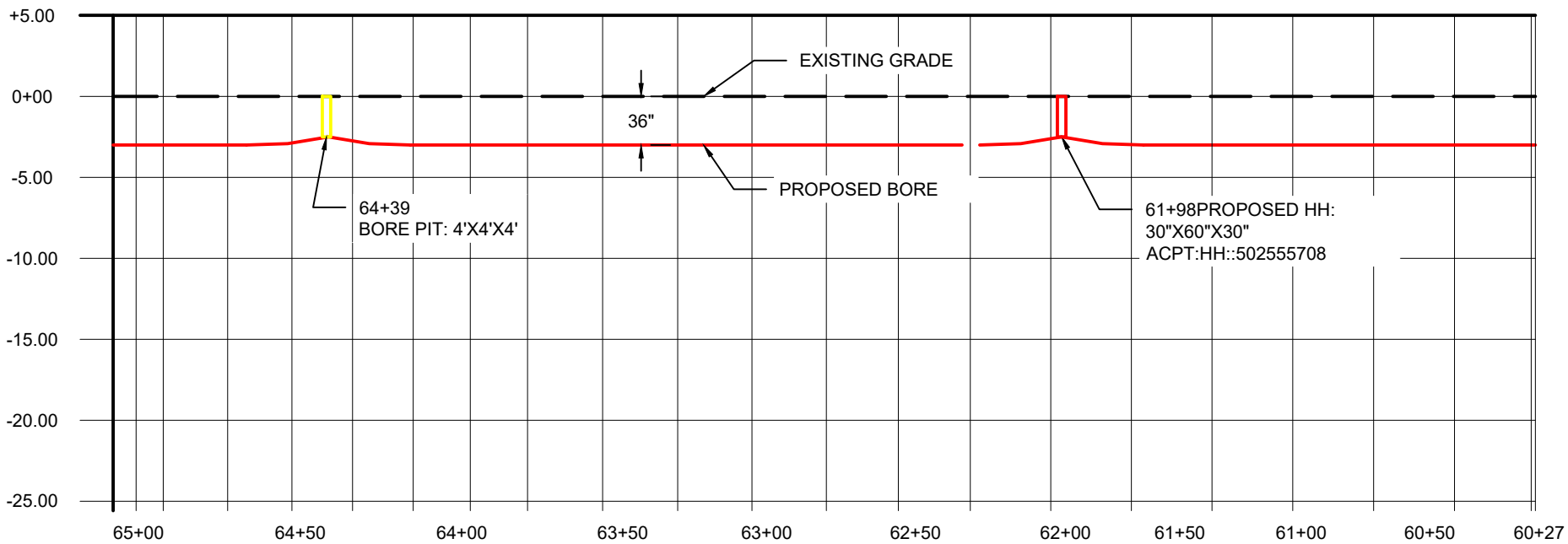
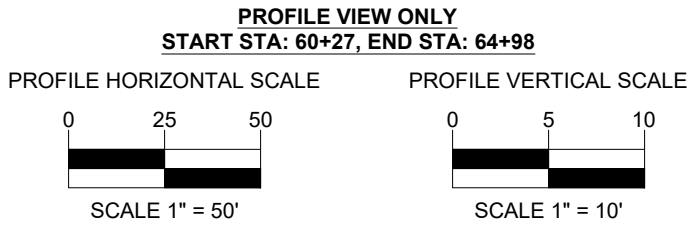
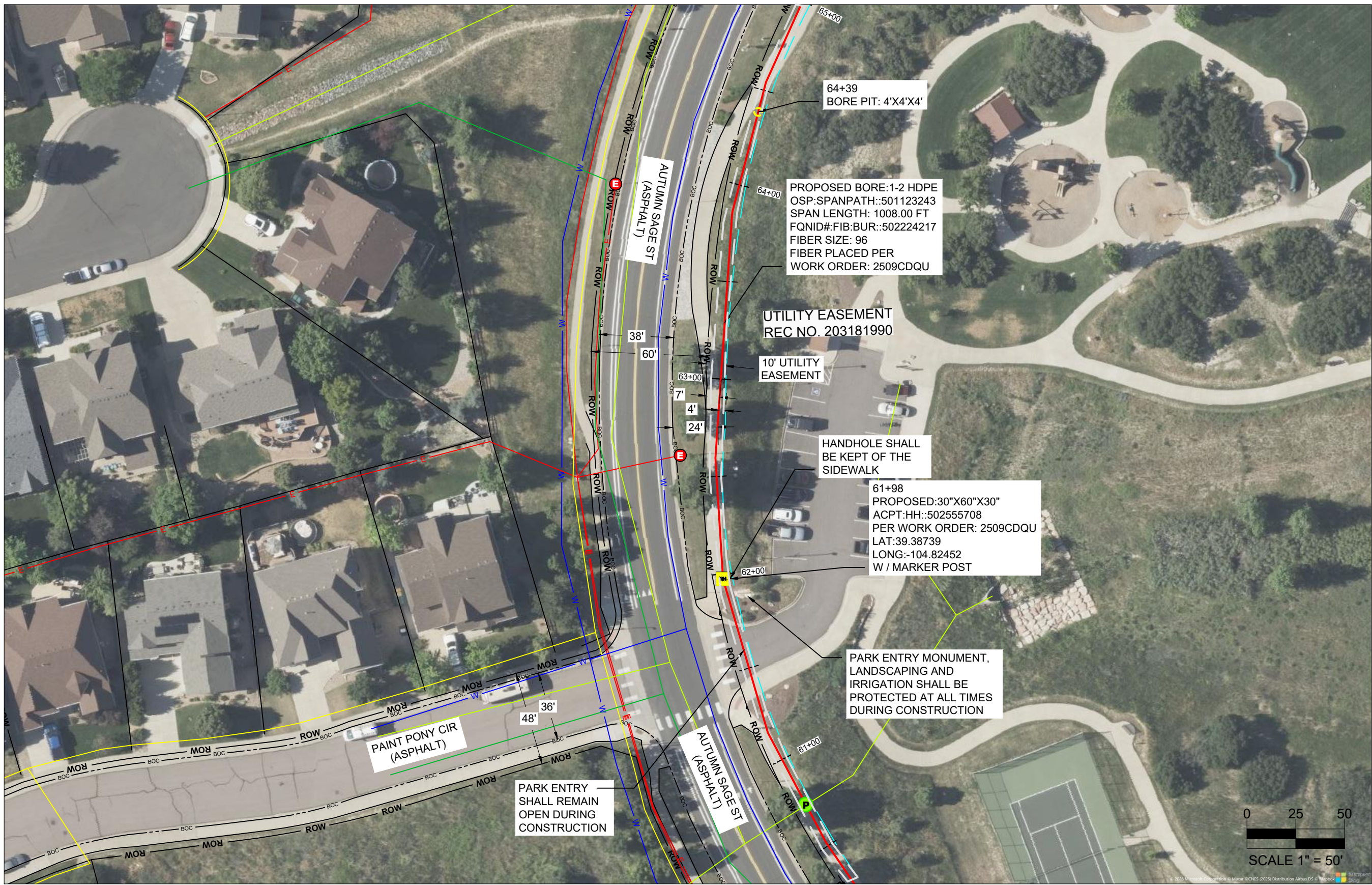
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CENTENNIAL, CO 80112
M1: (902) 647-6378 M2: (719) 360-54



NOTE:

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PLAN LEGEND						PROFILE LEGEND			
UG	PROPOSED UNDERGROUND	SS	SEWER LINE	*****	EASEMENT BOUNDARY		FIRE HYDRANT	---	EXISTING GRADE
AE	PROPOSED AERIAL	R	RECLAIMED WATER LINE		EXISTING HANDHOLE		SEWER STRUCTUE	---	PROPOSED GRADE
EX	EXISTING FIBER	C	COMMUNICATIONS LINE		PROPOSED HANDHOLE		DRAINAGE STRUCTURE	---	EXISTING CONDUIT
OA	OVER LASHING AERIAL	E	ELECTRICAL LINE		EXISTING MANHOLE		COMMUNICATIONS STRUCTURE	---	PROPOSED BORE
W	WATER LINE	ROW	RIGHT OF WAY		SPLICE POINT		GAS STRUCTURE		EXISTING HANDHOLE / MANHOLE
DR	STORM DRAIN LINE	EOP	EDGE OF PAVEMENT		POT HOLE		ELECTRICAL STRUCTURE		PROPOSED HANDHOLE
NG	GAS LINE		BOUNDARY LINE		WATER STRUCTURE		LIMITS OF CONSTRUCTION		BORE PIT

TOWN OF CASTLE ROCK APPROVAL
PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM
DATE OF DEVELOPMENT SERVICES APPROVAL

APPROVED BY: _____

DEVELOPMENT SERVICES _____ DATE _____

PROFESSIONAL ENGINEER CERTIFICATION
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RESPONSIBLE FOR ALL DESIGN AND REVISION RELATIVE TO SAID PLANS.

DATE _____

DATE: 8/17/26
ENGINEER: ADB

DRAWN BY:

REVISIONS

NO.	DESCRIPTION	DATE

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SCALE

HORIZONTAL: 1:50

VERTICAL: 1:50

SHEET NO: C-110

PAGE NO: 23 OF 26

WORK ORDER: 2509CDQU

DENVER, CO NED PERMIT

MCImetro
ACCESS TRANSMISSION SERVICES, LLC

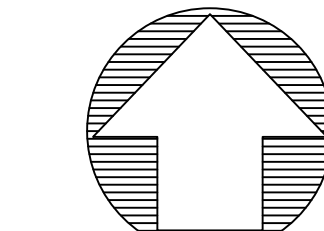
OUTSIDE PLANT CONSTRUCTION

TITLE: FIBER OPTIC CABLE ROUTE

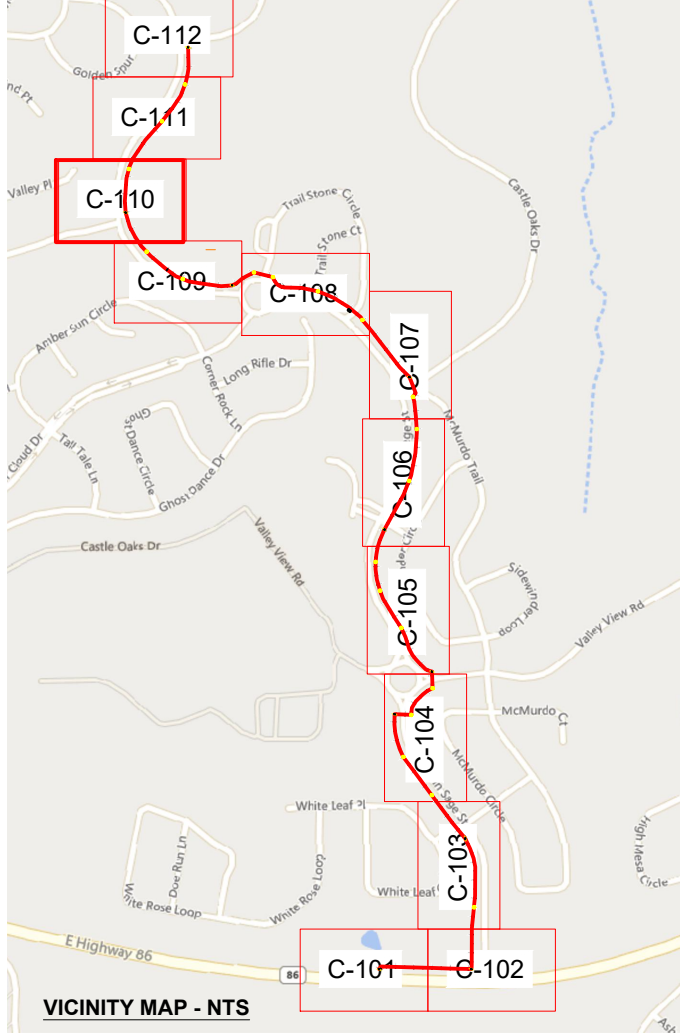
DENVER, CO NED PERMIT



NED
DENVER, CO

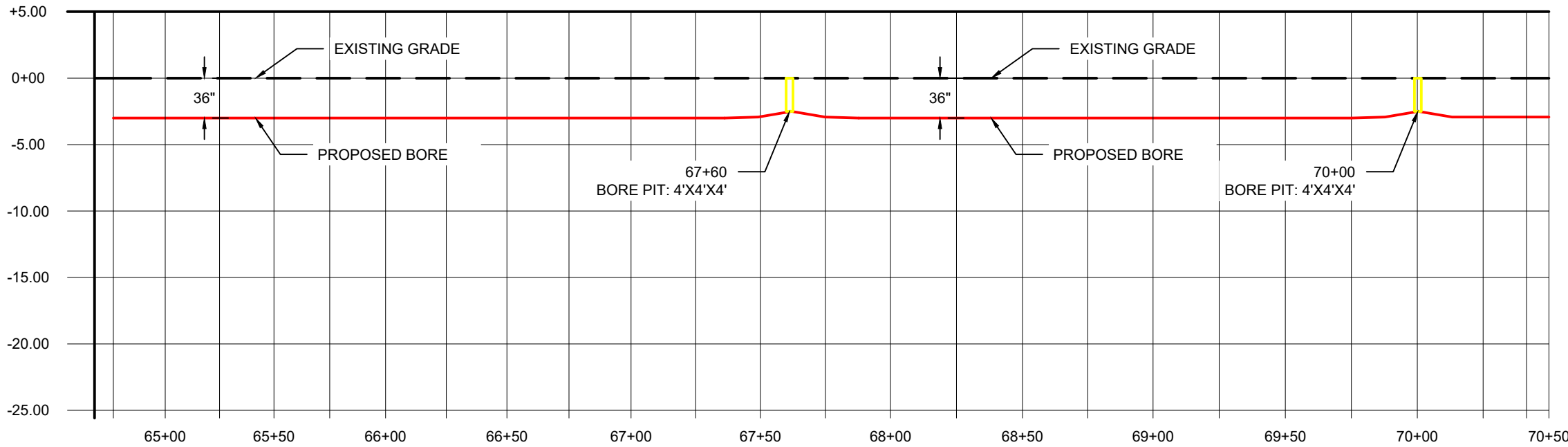
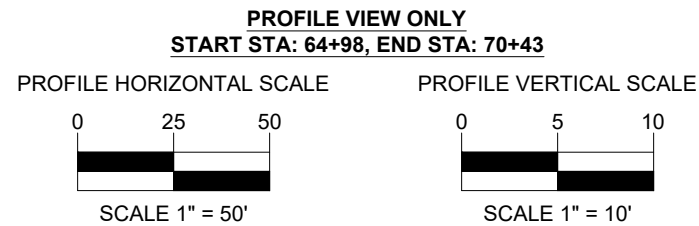
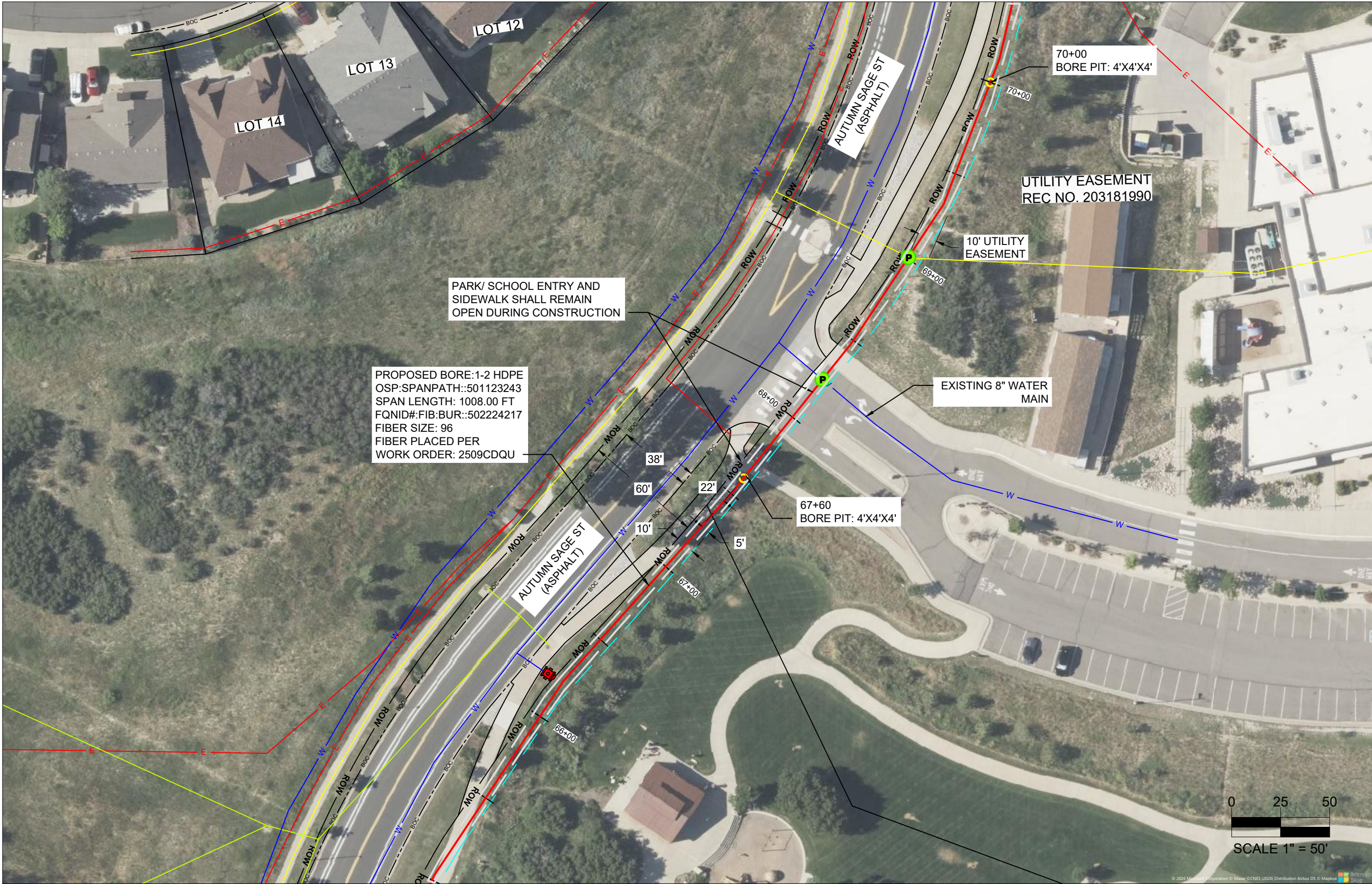


0 25 50
SCALE 1" = 50'



POT HOLE TABLE				
POT HOLE #	UTILITY	DIAMETER	TOP OF UTILITY	BOTTOM OF UTILITY
PH 48 @ 60+74	STORM			

G:\PROJECTS\DENVER\VERSION ONE\FIBERED_DWG\CASTLE ROCK_CITYPERMIT\CLUSTERS\1014149_DN00020A_EPLAN_S400_2509CDQU_CD.dwg

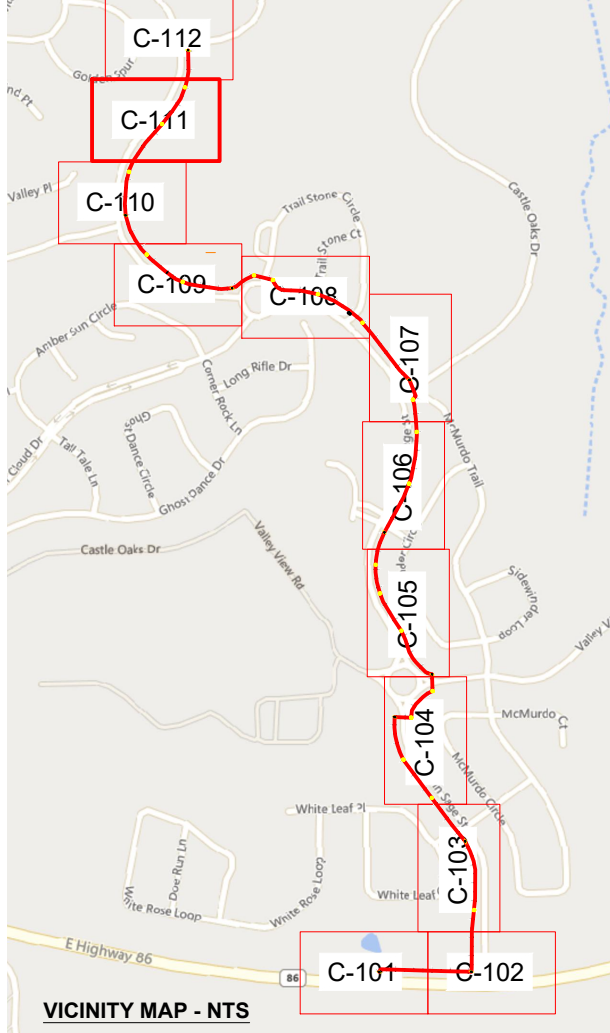


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PLAN LEGEND				PROFILE LEGEND			
UG	PROPOSED UNDERGROUND	SS	SEWER LINE	SS	EASEMENT BOUNDARY	SS	FIRE HYDRANT
AE	PROPOSED AERIAL	R	RECLAIMED WATER LINE	SS	EXISTING HANDHOLE	SS	SEWER STRUCTUE
EX	EXISTING FIBER	C	COMMUNICATIONS LINE	SS	PROPOSED HANDHOLE	SS	DRAINAGE STRUCTURE
OA	OVER LASHING AERIAL	E	ELECTRICAL LINE	SS	EXISTING MANHOLE	SS	COMMUNICATIONS STRUCTURE
W	WATER LINE	ROW	RIGHT OF WAY	SS	SPLICE POINT	SS	GAS STRUCTURE
DR	STORM DRAIN LINE	EOP	EDGE OF PAVEMENT	SS	POTHOLE	SS	ELECTRICAL STRUCTURE
NG	GAS LINE	BOUNDARY	BOUNDARY LINE	SS	WATER STRUCTURE	SS	LIMITS OF CONSTRUCTION
EXISTING GRADE		PROPOSED GRADE		EXISTING CONDUIT		PROPOSED BORE	
EXISTING HANDHOLE / MANHOLE		PROPOSED HANDHOLE		EXISTING HANDHOLE / MANHOLE		PROPOSED HANDHOLE	
BORE PIT		BORE PIT		BORE PIT		BORE PIT	

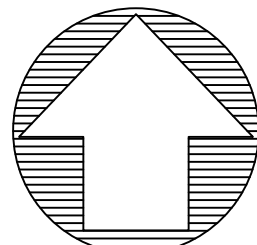


POT HOLE #	UTILITY	DIAMETER	TOP OF UTILITY	BOTTOM OF UTILITY
PH 47 @ 69+39	WATER			
PH 48 @ 69+01	GAS			

verizonbusiness
PROJECT:

NED

DENVER, CO



0 25 50
SCALE 1" = 50'

MCImetro
ACCESS TRANSMISSION SERVICES, LLC

OUTSIDE PLANT CONSTRUCTION

TITLE: FIBER OPTIC CABLE ROUTE

DENVER, CO NED PERMIT

DATE: 8/17/26

ENGINEER: ADB

DRAWN BY:

REVISIONS

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SCALE

HORIZONTAL: 1:50

VERTICAL: 1:50

SHEET NO: C-111

PAGE NO: 24 OF 26

WORK ORDER: 2509CDQU

TOWN OF CASTLE ROCK APPROVAL
PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM
DATE OF DEVELOPMENT SERVICES APPROVAL

APPROVED BY: _____

DEVELOPMENT SERVICES _____ DATE _____

PROFESSIONAL ENGINEER CERTIFICATION

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DATE _____

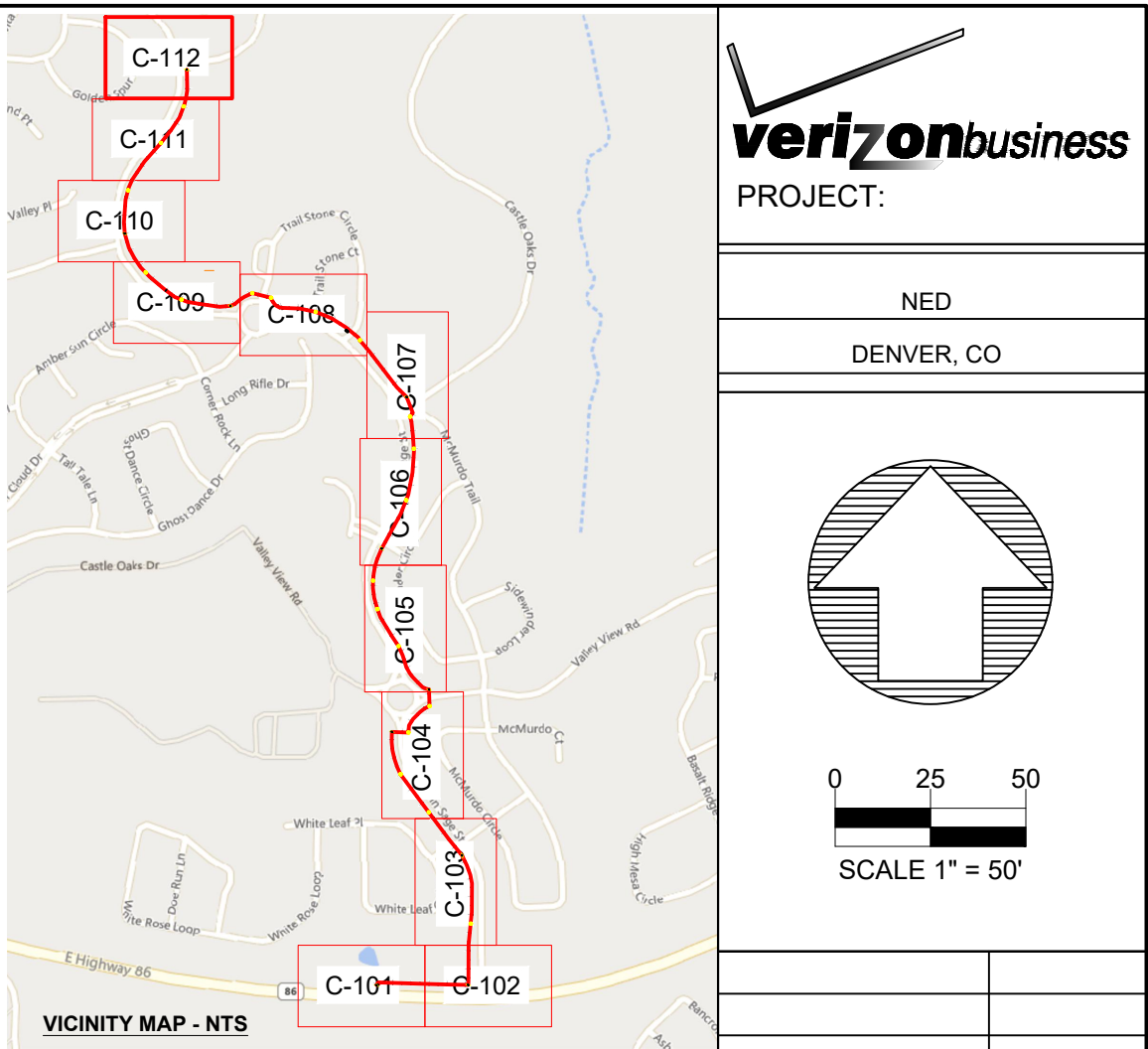
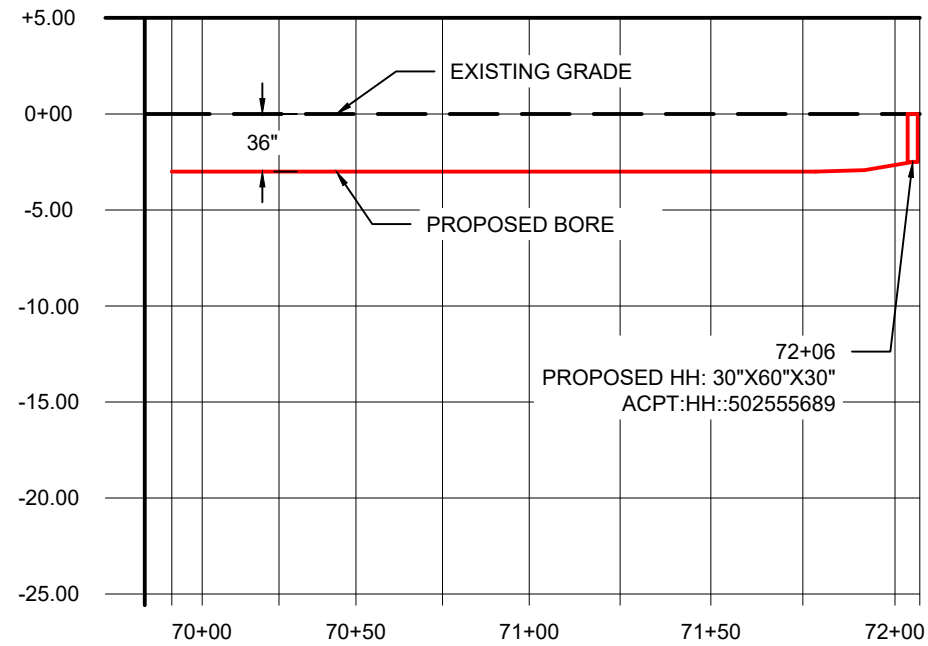
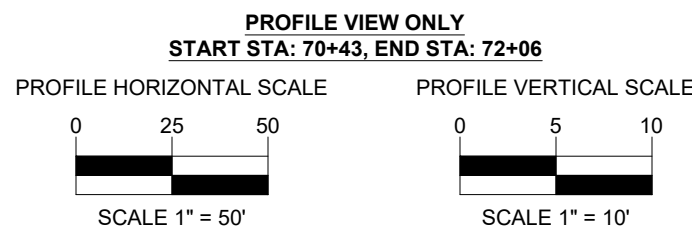
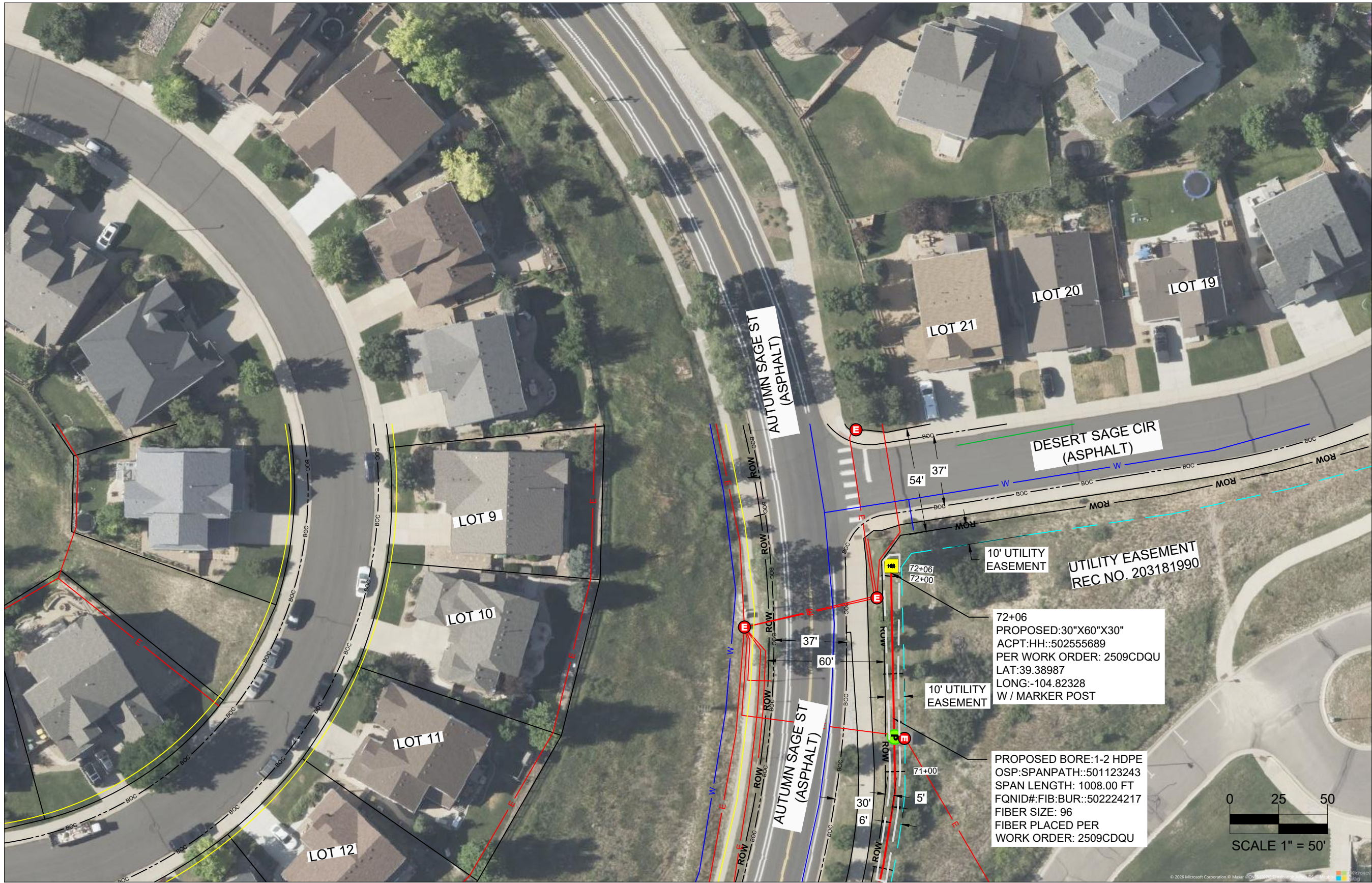
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POTHOLE TABLE				
POTHOLE #	UTILITY	DIAMETER	TOP OF UTILITY	BOTTOM OF UTILITY
PH #8 @ 71+19	ELECTRIC			

MCImetro
ACCESS TRANSMISSION SERVICES, LLC
OUTSIDE PLANT CONSTRUCTION
TITLE: FIBER OPTIC CABLE ROUTE
DENVER, CO NED PERMIT

NOTE:
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UG	PROPOSED UNDERGROUND	SS	SEWER LINE	EXISTING GRADE		EXISTING GRADE	
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EX	EXISTING FIBER	C	COMMUNICATIONS LINE	EXISTING CONDUIT		EXISTING CONDUIT	
OA	OVER LASHING AERIAL	E	ELECTRICAL LINE	PROPOSED BORE		PROPOSED BORE	
W	WATER LINE	ROW	RIGHT OF WAY	EXISTING HANDHOLE / MANHOLE		EXISTING HANDHOLE / MANHOLE	
DR	STORM DRAIN LINE	EOP	EDGE OF PAVEMENT	PROPOSED HANDHOLE		PROPOSED HANDHOLE	
NG	GAS LINE		BOUNDARY LINE	BORE PIT		BORE PIT	
	EASEMENT BOUNDARY		FIRE HYDRANT			LIMITS OF CONSTRUCTION	
	EXISTING HANDHOLE		SEWER STRUCTUE				
	PROPOSED HANDHOLE		DRAINAGE STRUCTURE				
	EXISTING MANHOLE		COMMUNICATIONS STRUCTURE				
	SPLICE POINT		GAS STRUCTURE				
	POTHOLE		ELECTRICAL STRUCTURE				
	WATER STRUCTURE						

APPROVED BY: _____

TOWN OF CASTLE ROCK APPROVAL
PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM
DATE OF DEVELOPMENT SERVICES APPROVAL

DEVELOPMENT SERVICES _____ DATE _____

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SCALE

HORIZONTAL: 1:50

VERTICAL: 1:50

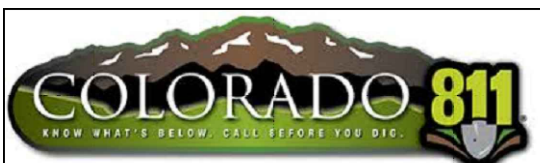
SHEET NO: C-112

PAGE NO: 25 OF 26

WORK ORDER: 2509CDQU

SLACK LOOP STANDARDS PER FIBER SIZE: 964- 75' 432- 75' ALL OTHER FIBER SIZES- 100' ALL AERIAL SLACK LOOPS TO BE 150' AT EVERY 1500' BORES TO BE AT 36" DEPTH TYPICAL, 48" DEPTH AT DOT CROSSINGS IF BORING UNDER TREES IN ROW BORE TO BE DEPTH OF 7' TO AVOID ROOTS

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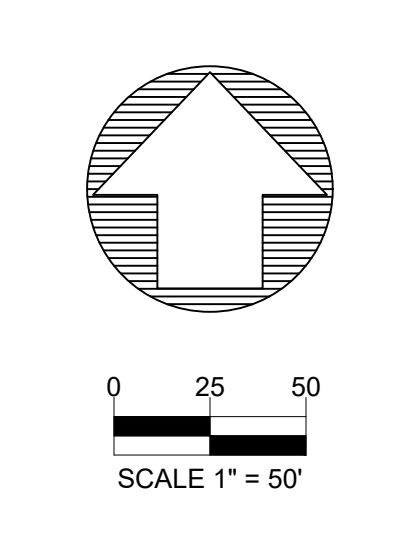
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CENTENNIAL, CO 80112
M1: (902) 647-6378 M2: (719) 360-5418

NED

DENVER, CO



MCImetro

ACCESS TRANSMISSION SERVICES, LLC

OUTSIDE PLANT CONSTRUCTION

TITLE: FIBER OPTIC CABLE ROUTE

DENVER, CO NED PERMIT

INTENTIONALLY LEFT BLANK
FOR TRAFFIC CONTROL PLAN TO BE
PROVIDED IF APPLICABLE

DATE: 8/17/26

ENGINEER: ADB

DRAWN BY:

REVISIONS

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI COMMUNICATION 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: 1:50

VERTICAL: 1:50

SHEET NO: TCP-1

PAGE NO: 26 OF 26

WORK ORDER: 2509CDQU

TOWN OF CASTLE ROCK APPROVAL

PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL

APPROVED BY:

DEVELOPMENT SERVICES

DATE

PROFESSIONAL ENGINEER CERTIFICATION

I HEREBY AFFIRM THAT THESE FINAL CONSTRUCTION PLANS WERE PREPARED UNDER MY DIRECT SUPERVISION, IN ACCORDANCE WITH ALL APPLICABLE TOWN OF CASTLE ROCK AND STATE OF COLORADO STANDARDS AND STATUTES, RESPECTIVELY; AND THAT I AM FULLY RESPONSIBLE FOR ALL DESIGN AND REVISION RELATIVE TO SAID PLANS.

DATE



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER TO ALTER THIS DOCUMENT



SLACK LOOP STANDARDS PER FIBER SIZE: 864- 75' 432 - 75' ALL OTHER FIBER SIZES- 100' ALL AERIAL SLACK LOOPS TO BE 150' AT EVERY 1500' BORES TO BE AT 36" DEPTH TYPICAL 48" DEPTH AT DOT CROSSINGS IF BORING UNDER TREES IN ROW BORE TO BE DEPTH OF 7' TO AVOID ROOTS

SIDEWALKS AND TRAILS SHOULD REMAIN OPEN DURING CONSTRUCTION AND SHALL NOT BE USED FOR STAGING OR CONSTRUCTION ACCESS.
DAMAGE TO TOWN, HOA, METRO DISTRICT, OR PRIVATE PROPERTY SHALL BE PROMPTLY REPAIRED BY THE CONTRACTOR. THIS INCLUDES, BUT IS NOT LIMITED TO CONCRETE, LANDSCAPING, IRRIGATION, ELECTRICAL, SITE AMENITIES.
PULL BOXES SHALL BE KEPT OUT OF SIDE WALKS