



Town of High Level
10511 – 103 Street
High Level, AB T0H 1Z0
Canada

Telephone: 780-926-2201
Facsimile: 780-926-2899
town@highlevel.ca
www.highlevel.ca

September 17, 2024

ROHL Gateway Fiber Inc.
11211 266 Street
Acheson, AB
T7X 6E1

NOTICE OF APPROVAL

Utility Company Project File Number:	05-600-13051
Utility Line Assignment Permit Number:	ULA24-001
Registered Landowner:	Not Applicable (Town Right-of-Way)
Location of Approved Works:	93/94 Street / 114 Ave / Highway 35
Description of Installation:	Installation of 32mm HDPE conduit
Type of Installation:	Push / Directional Drill
Name of Town-initiated Project:	Not Applicable

has been APPROVED, subject to the conditions on the attached sheet and as per the drawings submitted by the Applicant.

Upon receipt of this Notice of Approval, the Applicant is authorized to proceed with the approved ULA specified, provided that all conditions are complied with, and the ULA approved under this permit is in accordance with all approved plans and applications submitted by the Applicant.

Date of Issue: September 17, 2024

Date Approval First Publicized: September 18, 2024

Date Permit Effective: September 17, 2024

Logan Bartholow

SIGNATURE OF DEVELOPMENT AUTHORITY

A permit issued in accordance with this Notice of Approval is valid for a period of one (1) year from the date of its issue. If at the expiry of this period of the Utility Line Assignment (ULA) has not commenced or been carried out with reasonable diligence, this permit shall be null and void, unless a permit extension has been filed with the Town of High level Planning and Development Department.

CONDITIONS OF APPROVAL

Utility Line Assignment Permit Number: ULA24-001

1. The Utility Line Assignment shall not be altered, changed, or modified from the approved plans, drawings, and specifications without written authorization from the Development Authority.
2. **All ULA Notice of Approvals issued by the Town of High Level are based upon ULA installations measured from property lines (P/L) only, as detailed in the approved drawings. This Notice of Approval is not based upon measurements from edge of pavement (EOP). The Applicant is responsible for the relocation of any portion of the ULA approved under this permit if an unapproved encroachment on existing municipal infrastructure is found at a later date. The Town of High Level is not liable if an unapproved encroachment is found as a result of the ULA, or portion thereof approved under this permit, was installed by measuring from EOP. All costs associated by the relocation of a ULA or portion thereof shall be borne by the Applicant.**
3. An Applicant for, or in possession of a valid ULA Permit is not relieved from full responsibility for ascertaining, complying with and carrying out all ULA works in accordance with the requirements of:
 - a. The following:
 - i. Environmental Protection and Enhancement Act;
 - ii. National Building Code – Alberta Edition;
 - iii. National Fire Code – Alberta Edition;
 - iv. Natural Resources Conservation Board Act;
 - v. Public Development Act;
 - vi. Safety Codes Act;
 - vii. Water Act; and
 - viii. Any amendment thereto;
 - b. The requirements of any other Federal, Provincial or Municipal enactment or any other law; and
 - c. The conditions of any Caveat, Restrictive Covenant, Easement or other Instrument affecting the subject Building or Land.
4. The Applicant is responsible to ensure that they and their contractors and sub-contractors obtain all other required permits related to this Utility Line Assignment.

5. The Applicant is responsible to ensure that they and their contractors and sub-contractors obtain a Town of High Level Business Licence before commencing ULA works approved under this permit.
6. The Applicant is responsible for contacting Utility Safety Partners at +1-800-242-3447 or <https://utilitysafety.ca/wheres-the-line/submit-a-locate-request/> prior to commencing any excavation or construction works approved under this permit.
7. Utility Line Assignment works approved under this permit can only be performed during the following hours:
 - d. 0700 to 2200 on weekdays; or
 - e. 0800 to 2300 when the following day is a Saturday, Sunday, or statutory holiday.
8. Unless otherwise specified within this approval, all ULA works approved under this permit must meet the standards defined by the Town of High Level Municipal Engineering and Construction Standards.
9. The Applicant is responsible for submitting a Temporary Road Closure application if the closure of any public street is required to carry out ULA works approved under this permit.
10. The Applicant, their contractors and sub-contractors shall permit and facilitate impromptu onsite inspections conducted, with or without prior notice, by representatives of the Town of High Level Operations department.
11. If during an inspection by the Town of High Level Operations Department an issue is identified, a Stop Work Order may be issued by an authorized Enforcement Officer to immediately cease all works approved under this permit, until such a time that the Town deems it safe, or approves any required modifications to this permit approval, and allows the Applicant, their contractors or sub-contractors to resume works approved under this permit.
12. Any Utility Line Assignment works approved under this permit that requires the removal or disturbance of trees on Town-owned land must be carried out after review, inspection, and approval from the Town of High Level Operations Department.
13. The worksite and the area around the worksite for ULA works approved under this permit shall be kept in a clean and safe manner at all times to ensure public safety.
14. If the Applicant, their contractors, or sub-contractors are experiencing any issues with the general public or registered landowners about the approved ULA works under this permit, the Applicant is responsible for contacting the Town of High Level's Director of Planning & Development at 780-502-0778 or planning@highlevel.ca
15. Any unplanned damages to Municipal infrastructure (including but not limited to hard-surfaced sidewalks, roads, alleyways, unpaved alleyways, underground and aboveground water and sewer infrastructure) as a result of the approved works under this ULA permit, shall be repaired by the Applicant, their contractors or sub-contractors. All costs incurred by the reconstruction of damaged Municipal infrastructure shall be borne by the Applicant, their contractors, or sub-contractors.
16. The Applicant, their contractors, and sub-contractors are responsible for managing traffic control safely within and surrounding the worksite approved under this permit.

17. The Applicant must notify the Planning & Development Department if the ULA approved under this permit is no longer required and the works are effectively cancelled at development@highlevel.ca
18. All surface restoration works shall be completed upon the completion of the ULA works approved under this permit.
19. The Applicant is responsible for providing as-built drawings in CAD and PFD formats, and ULA geospatial data in SHP format to the Planning & Development Department upon project completion to development@highlevel.ca
- 20. The Town of High Level cannot guarantee the spatial accuracy of Aerial Imagery, LiDAR, CAD drawings, or Shapefile data provided by the Town to the Applicant. The property line (P/L) shall prevail if a discrepancy is found in any approved drawings during ULA installation operations. Edge of pavement (EOP) cannot be relied upon as true spatial accuracy in the field, particularly if EOP is based upon third-party or Aerial Imagery data provided by the Town. As such, the Town cannot be held liable for the spatial accuracy of any such data or any costs incurred by the Applicant for the relocation of any portion of the ULA approved under this permit, if deemed necessary by the Town during field inspections.**

HIGH LEVEL SUBSTATION CONSTRUCTION PLAN



DRAWING LIST

DRAWING NO.	DESCRIPTION
101	LOCATION KEYPLAN
201	WORK SITE KEYPLAN
301	GENERAL NOTES
401 TO 402	TYPICAL DETAILS
501	LEGEND
601	BILL OF MATERIALS
701	TABLE OF CROSSINGS
801	FIBER AND SPLICE SCHEMATIC
901 TO 906	PERMIT DETAIL DRAWINGS
1001 TO 1006	CONSTRUCTION DRAWING
2001 TO 2006	FIBER AND SPLICING PLAN



ROHL GLOBAL NETWORKS INC.

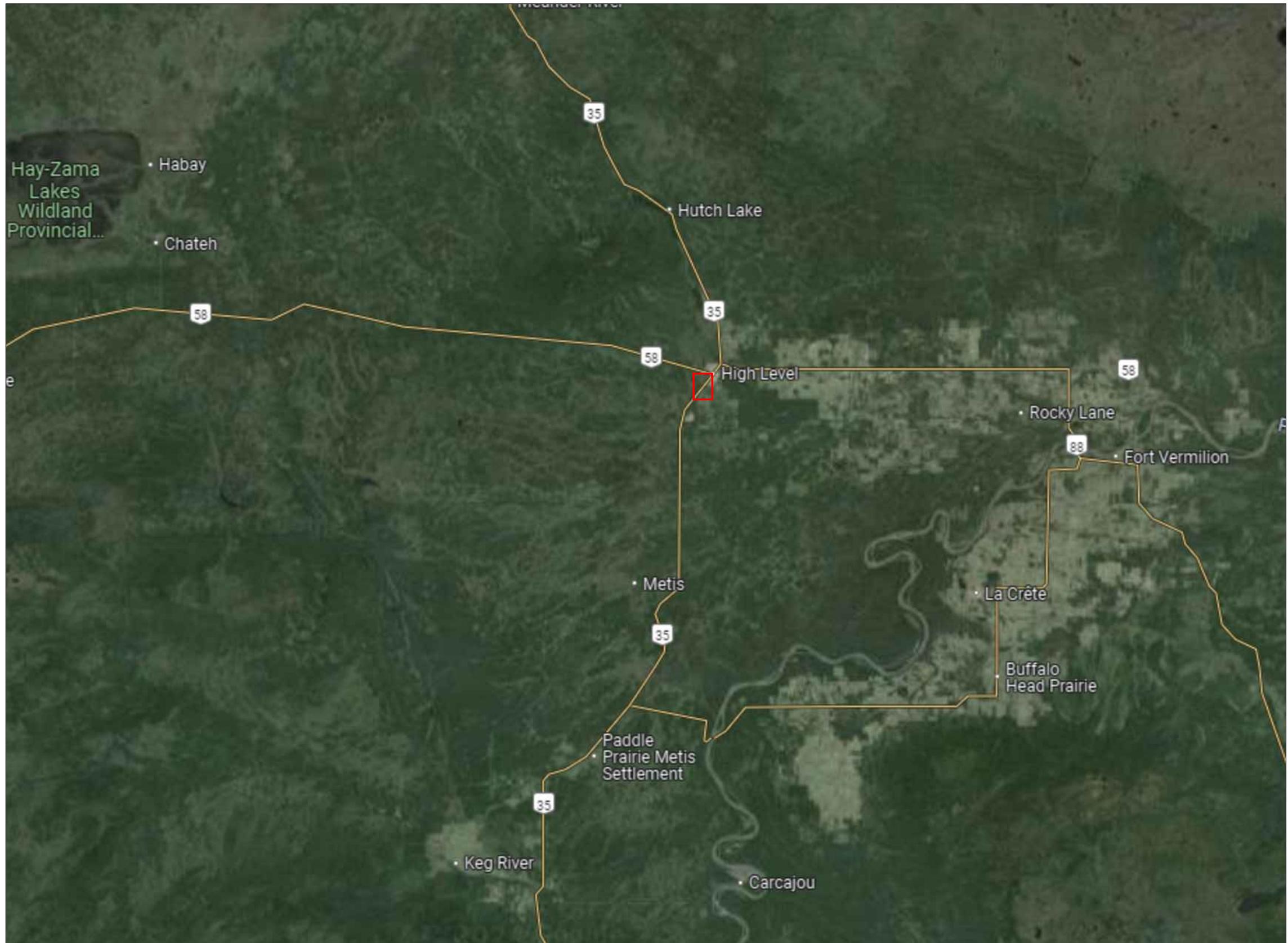
MANITOBA
UNIT 1, 5232 PORTAGE AVENUE
HEADINGLEY, MANITOBA
R4H 1E1

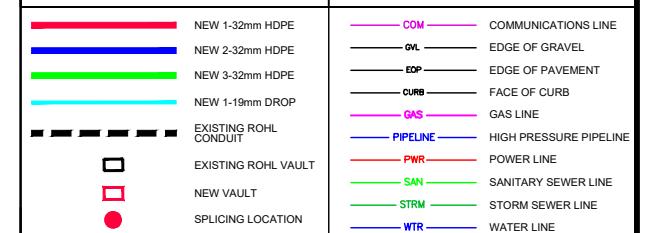
ALBERTA
11211 266 STREET
ACHESON, ALBERTA
T7X 6E1

FLORIDA
SUITE 900, 2875 JUPITER PARK DRIVE
JUPITER, FLORIDA
33458

PROJECT NUMBER:		05-600-13051
CUSTOMER:		ROHL GATEWAY FIBER INC.
REV	DATE	DESCRIPTION
1	2024/09/11	TOWN PROPOSED REALIGNMENT

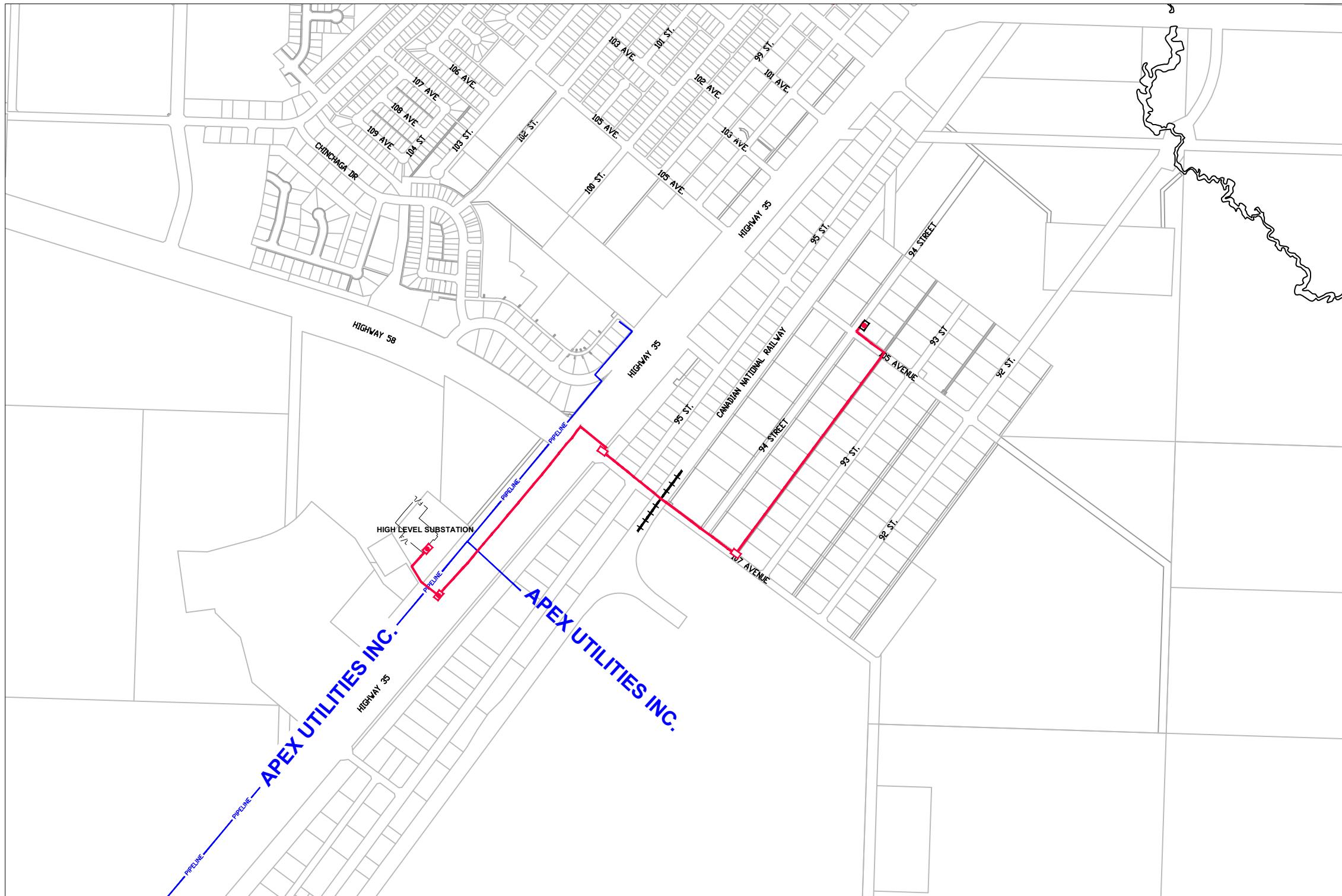
**ATCO
HIGH LEVEL SUBSTATION**

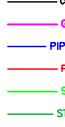
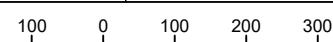


REV	YYYY/MM/DD	DESCRIPTION
1	2024/09/11	TOWN PROPOSED REALIGNMENT
0	2024/08/07	ISSUED FOR CONSTRUCTION
PREPARED FOR:		PREPARED BY:
 ROHL GATEWAY FIBER		 ROHL GLOBAL NETWORKS
		
DESIGNED BY:		RD 2024/07/11
DRAWN BY:		MG 2024/08/07
CHECKED BY:		MM 2024/08/07
APPROVED BY:		RD 2024/08/07
PROJECT NUMBER:		05-600-13051
CUSTOMER:		ROHL GATEWAY FIBER INC.
LOCATION:		HIGH LEVEL, AB
DRAWING:		LOCATION KEYMAP
DRAWING No.		101
SHEET:		2 OF 28

ATCO

HIGH LEVEL SUBSTATION



REV	YYYY/MM/DD	DESCRIPTION
1	2024/09/11	TOWN PROPOSED REALIGNMENT
0	2024/08/07	ISSUED FOR CONSTRUCTION
PREPARED FOR:		PREPARED BY:
 ROHL GATEWAY FIBER		 ROHL GLOBAL NETWORKS
		 NEW 1-32mm HDPE NEW 2-32mm HDPE NEW 3-32mm HDPE NEW 1-19mm DROP EXISTING ROHL CONDUIT EXISTING ROHL VAULT NEW VAULT SPLICING LOCATION COM GVL EOP CURB GAS PIPELINE PWR SAN STRM WTR
		 SCALE: 1:10000
DESIGNED BY:	RD	2024/07/11
DRAWN BY:	MG	2024/08/07
CHECKED BY:	MM	2024/08/07
APPROVED BY:	RD	2024/08/07
PROJECT NUMBER:	05-600-13051	DRAWING No. 201
CUSTOMER:	ROHL GATEWAY FIBER INC.	
LOCATION:	HIGH LEVEL, AB	
DRAWING:	WORK SITE KEYPLAN	
		SHEET: 3 OF 28

**ATCO
HIGH LEVEL SUBSTATION**

GENERAL NOTES

- SUBCONTRACTOR SHALL CONTACT APPROPRIATE AUTHORITIES TO ARRANGE MARKING OF ALL EXISTING UNDERGROUND STRUCTURES AND UTILITIES IN THE LOCATION A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING ANY CONSTRUCTION ACTIVITIES. UTILITIES SHALL BE PERMANENTLY MARKED USING SUITABLE PAINT OR FLAGGING TO FACILITATE CONFLICT IDENTIFICATION PRIOR TO ALIGNMENT CONFIRMATION. LOCAL UTILITY CONSORTIUMS SHALL BE CONTACTED TO ARRANGE LOCATE INSPECTIONS AS REQUIRED. ONE CALL UTILITY IDENTIFICATION COMPANIES HAVE BEEN ESTABLISHED THROUGHOUT CANADIAN MUNICIPALITIES TO ASSIST CONTRACTORS WITH THEIR IDENTIFICATION OF UTILITIES. A COPY OF ALL LOCATES SHALL BE KEPT ON SITE BY THE SUBCONTRACTOR, AND MADE AVAILABLE TO CONTRACTOR OR CLIENT UPON REQUEST.
- SUBCONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL RESIDENTS, BUSINESS AND MUNICIPAL DEPARTMENTS PRIOR TO CONSTRUCTION. CONTACT INFORMATION, SCHEDULE, AND IMPACT ISSUES SHOULD BE ADDRESSED IN WRITING ONE WEEK IN ADVANCE OF CONSTRUCTION START.
- SUBCONTRACTOR ASSUMES RESPONSIBILITY FOR ANY AND ALL DAMAGES INCURRED DURING CONSTRUCTION TO PUBLIC AND PRIVATE PROPERTY. THIS INCLUDES, BUT IS NOT LIMITED TO, UNDERGROUND UTILITIES, ROAD SURFACES, ABOVE AND BELOW GROUND STRUCTURES, AND ANY OTHER PROPERTY IN THE VICINITY OF THE PROJECT. ROHL GLOBAL NETWORK SHALL BE RELEASED FROM ANY RESPONSIBILITY FOR REPAIR OF DAMAGE TO UNDERGROUND FACILITIES INFILTED BY THE SUBCONTRACTOR AND/OR THEIR SUB-CONTRACTORS. THE SUBCONTRACTOR UNDERSTANDS THE RESPONSIBILITY TO REPAIR AND REPORT ALL DAMAGE AT THE TIME OF THE INCIDENT AND AN INITIAL AND ONGOING RESPONSIBILITY TO COMPENSATE ROHL GLOBAL NETWORK FOR FUTURE REPAIR OF ANY SUCH DAMAGE AS SET FORTH IN WARRANTY CLAUSES. A PRECONSTRUCTION REVIEW OF ALL DAMAGES SHALL BE UNDERTAKEN AND SUBMITTED WITH ANY CONCERNS PRIOR TO CONSTRUCTION START, IF REQUIRED.
- ALL DIMENSIONS AND DESCRIPTIONS HAVE BEEN COMPILED TO THE BEST OF THE ABILITIES OF THE DESIGNER(S). ALL DIMENSIONS ARE TO BE CONFIRMED IN THE FIELD. DISCREPANCIES SHALL BE IDENTIFIED IN THE FIELD AND RECORDED ON THE AS-BUILT DRAWINGS. CONFLICTS REQUIRING REVISIONS SHALL BE IDENTIFIED BY THE CONTRACTOR 48 HOURS IN ADVANCE OF UNDERTAKING THE WORK.
- FOR ALL CONSTRUCTION, ONLY THE CONTRACTOR IS TO PLACE ADDITIONAL MANHOLES/HANDHOLES TO ACCOMMODATE REEL ENDS COMPLETE WITH 15 METER FIBER ENDS. A 30M SLACK LOOP IS TO BE LEFT IN ALL HANDHOLES THAT ARE NOT A REEL END.
- SUBCONTRACTOR TO PLACE TRACER WIRE PER ROHL GLOBAL NETWORK SPECIFICATIONS IN ALL NEW BURIED LOCATIONS WHEN NONMETALLIC SHEATHED FIBER CABLE IS BEING PLACED.
- SUBCONTRACTOR SHALL BE RESPONSIBLE FOR TRAFFIC CONTROL REQUIREMENTS, AS WELL AS VEHICULAR AND PEDESTRIAN SAFETY. THIS MAY REQUIRE COORDINATION WITH MUNICIPAL TRAFFIC CONTROL, RAILWAY AUTHORITIES, DEPARTMENT OF HIGHWAYS, FEDERAL RAILWAY AUTHORITIES, AND PRIVATE LANDOWNERS AS APPLICABLE.
- WORKING SCHEDULE SHALL BE RESEARCHED BY THE CONTRACTOR TO IDENTIFY LOCAL CONSIDERATION FOR SPECIAL EVENTS, SPORTING FUNCTIONS, PARADES, FESTIVALS, OR OTHER CONSIDERATIONS WHICH MAY IMPACT ON PROGRESS, IN ADVANCE OF FINALIZING THE SCHEDULE.

- CONSTRUCTION, MAINTENANCE AND OPERATION, SHALL BE IN ACCORDANCE WITH MUNICIPAL REGULATION, TRANSPORT CANADA, CANADIAN ELECTRICAL CODE, CSA C22.2, CSA 22.3, OSA, WCB, AND ANY OTHER ADOPTED STANDARDS REQUIRED FOR THE SAFE OPERATION AND CONSTRUCTION OF AN ELECTRICAL OR TELECOMMUNICATION SYSTEM AS APPLICABLE.

- BURIED AND MANHOLE MATERIAL AND CLEARANCE DETAILS SHOW MINIMUM VALUES ONLY. SPECIFICALLY, CLEARANCE OF 300mm VERTICAL SEPARATION AND 1000mm HORIZONTAL SEPARATION FROM INSTALLED CONDUIT TO EXISTING UTILITIES IS TO BE MAINTAINED AT ALL MANHOLE STRUCTURES WILL BE PLACED WITH A MINIMUM 850mm CLEARANCE BETWEEN THE FINISHED ROAD SURFACE AND THE ROOF OF THE STRUCTURE.

- PLACEMENT OF DUCT PLUGS, PULL ROPE, MARKER TAPE AND SEALANT IS TO BE INCLUDED IN ALL INSTALLATIONS IN ACCORDANCE WITH THE MOST RECENT EDITION OF ROHL GLOBAL NETWORK INC. NETWORK STANDARDS.

- ALL WORK COMPLETED SHALL BE IN ACCORDANCE WITH MOST RECENT EDITION OF ROHL GLOBAL NETWORK STANDARDS.

- ALL CABLES ARE TO BE TAGGED AND IDENTIFIED AT TIME OF PLACING AND SPLICING.

- CONSTRUCTION QUANTITIES OF PLOW AND DIRECTIONAL BORE ARE APPROXIMATE, SUBCONTRACTOR TO VERIFY QUANTITIES PRIOR TO CONSTRUCTION.

STANDARDS

- CONSTRUCTION, MAINTENANCE, OPERATION, AND GROUNDING SHALL BE IN ACCORDANCE WITH ROHL GLOBAL NETWORK STANDARDS, MUNICIPAL, AND PROVINCIAL REGULATIONS, TRANSPORT CANADA, CANADIAN ELECTRICAL CODE, CSA C22.2, CSA C22.3, CSA C22.3 No. 1 OVERHEAD SYSTEMS, CSA C22.3 No. 3 - ELECTRICAL COORDINATION, CSA C22.3 No. 5.1 RECOMMENDED PRACTICES FOR ELECTRICAL PROTECTION - ELECTRIC CONTACT BETWEEN OVERHEAD SUPPLY AND COMMUNICATIONS LINES, CSA C22.3 No. 7 - UNDERGROUND SYSTEMS, OSA, WCB, AND OTHER ADOPTED STANDARDS REQUIRED FOR THE SAFE OPERATION AND CONSTRUCTION OF AN ELECTRICAL OR TELECOMMUNICATION SYSTEM AS APPLICABLE. THE MOST STRINGENT STANDARD SHALL BE ADHERED TO.

PERMIT NOTES

- LOCATION OF ALL EXISTING UTILITIES ARE APPROXIMATE AND DO NOT REFLECT ANY RECENT CHANGES. PRIOR TO THE COMMENCEMENT OF ANY WORK, THE SUBCONTRACTOR IS RESPONSIBLE FOR ALL LOCATES OF ALL EXISTING UTILITIES. CONTRACTOR TO CONTACT LOCAL ONE CALL SYSTEMS PRIOR TO ANY WORK.

- THE SUBCONTRACTOR IS TO ENSURE THAT A COPY OF ALL PERMITS ARE KEPT ON SITE FOR VIEWING AT ALL TIMES.

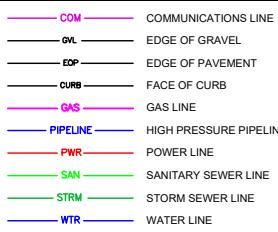
- THESE DRAWINGS REQUIRE APPROVAL FROM VARIOUS AGENCIES PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING A PRE-CONSTRUCTION MEETING WITH THE LEAD AGENCY PRIOR TO COMMENCING WORK

- THE SUBCONTRACTOR IS REQUIRED TO ATTEND A PRE-CONSTRUCTION MEETING WITH THE CONTRACTOR PRIOR TO COMMENCEMENT OF ANY WORK ON SITE.

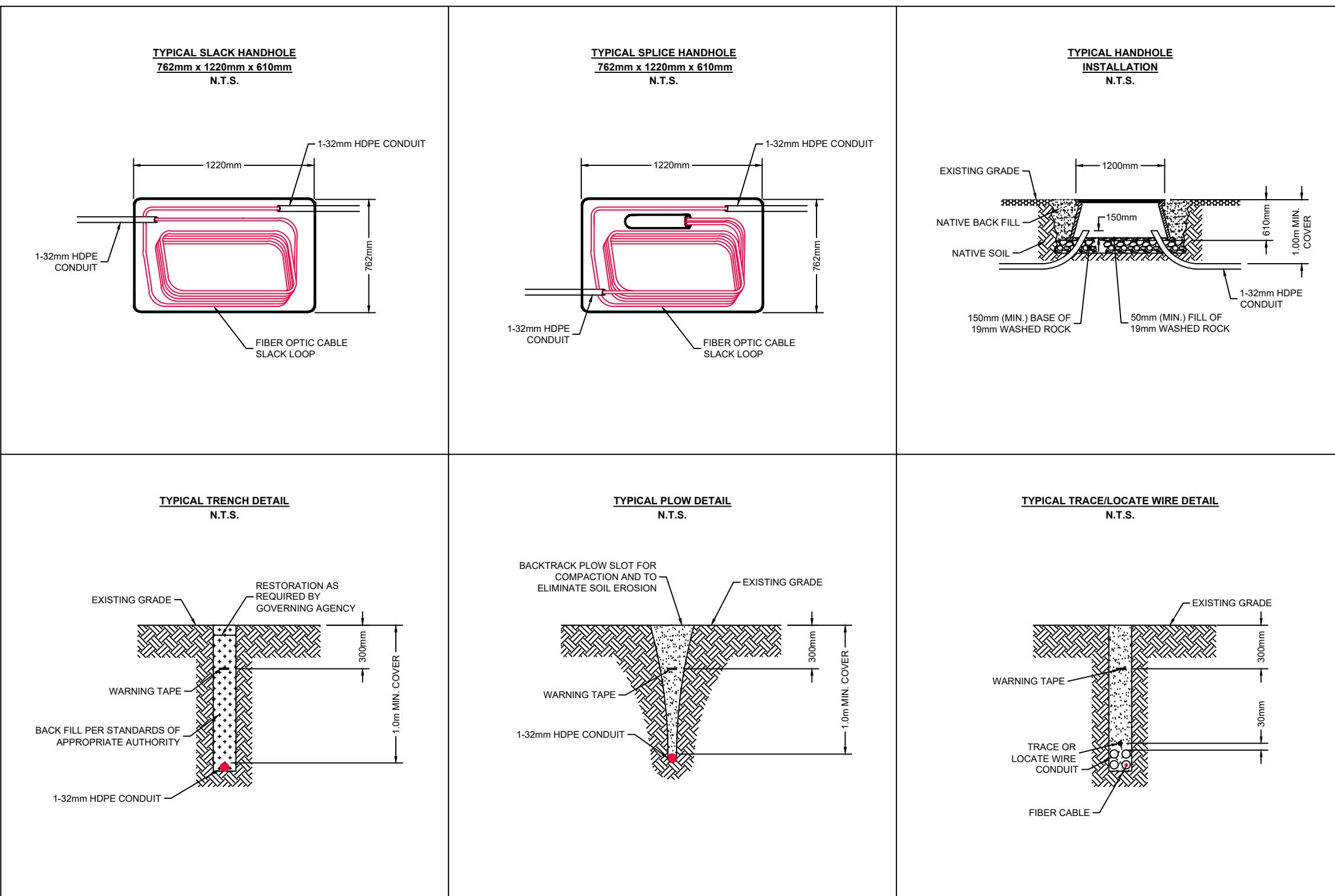
BENDING RADIUS

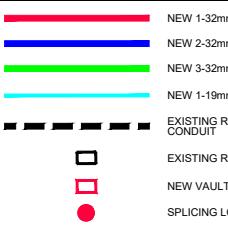
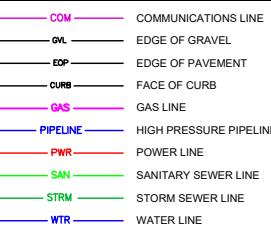
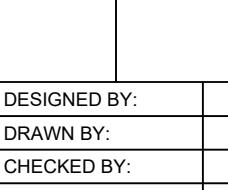
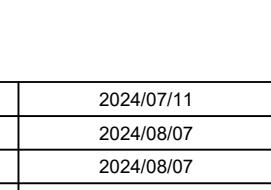
- BENDING RADIUS SHALL ADHERE TO THE FOLLOWING SPECIFICATIONS:

- =90° R=0.09m ST=0.91m LC=1.42m E=0.38m
- =45° R=0.90m ST=0.37m LC=0.71m E=0.07m

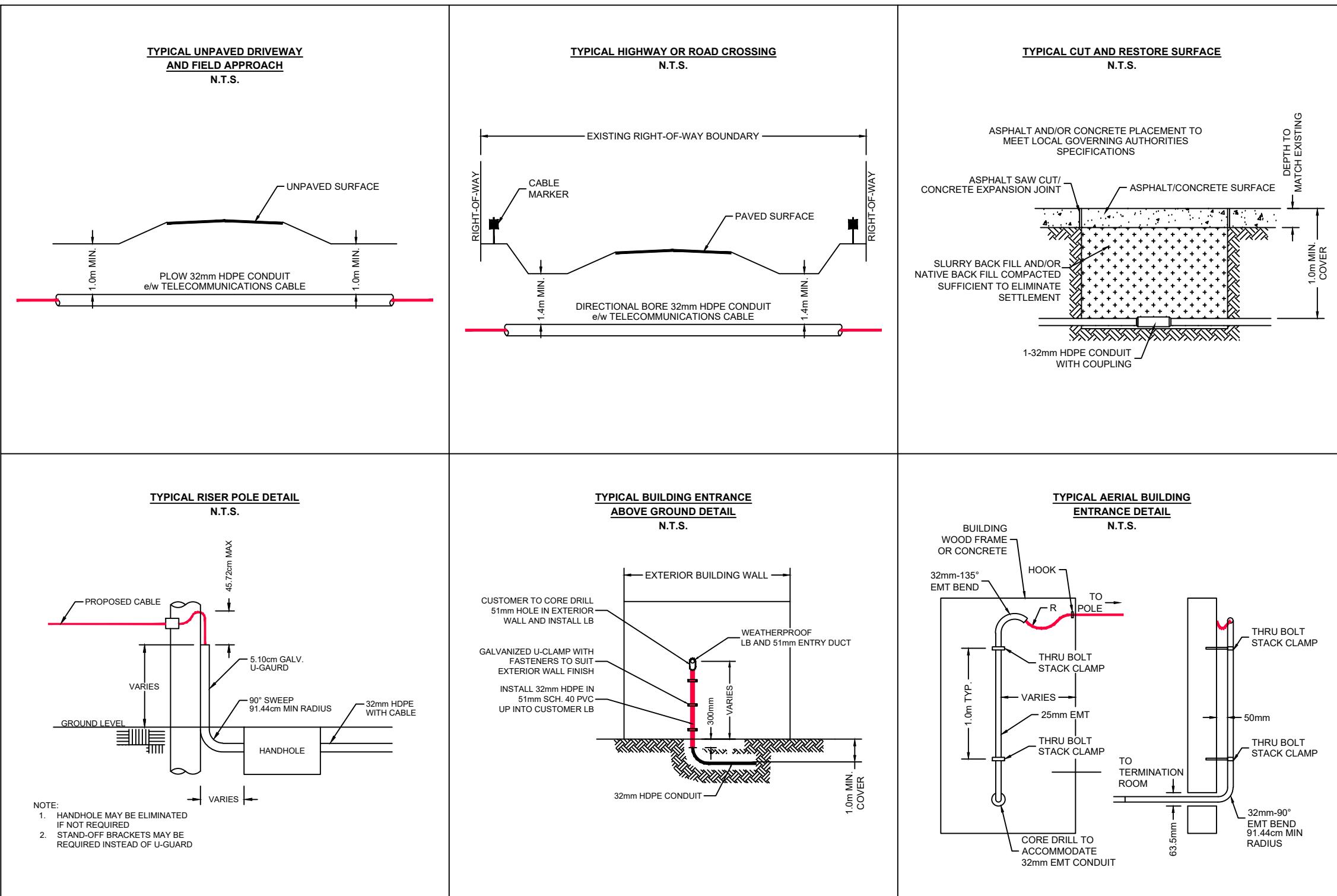
REV	YYYY/MM/DD	DESCRIPTION
1	2024/09/11	TOWN PROPOSED REALIGNMENT
0	2024/08/07	ISSUED FOR CONSTRUCTION
PREPARED FOR:		PREPARED BY:
		
		
DESIGNED BY:	RD	2024/07/11
DRAWN BY:	MG	2024/08/07
CHECKED BY:	MM	2024/08/07
APPROVED BY:	RD	2024/08/07
PROJECT NUMBER:	05-600-13051	DRAWING No.
CUSTOMER:	ROHL GATEWAY FIBER INC.	301
LOCATION:	HIGH LEVEL, AB	
DRAWING:	GENERAL NOTES	
SHEET:	4 OF 28	

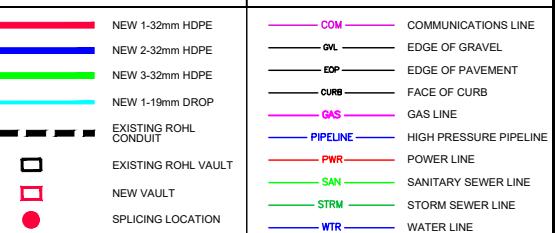
**ATCO
HIGH LEVEL SUBSTATION**



REV	YYYY/MM/DD	DESCRIPTION
1	2024/09/11	TOWN PROPOSED REALIGNMENT
0	2024/08/07	ISSUED FOR CONSTRUCTION
PREPARED FOR:		PREPARED BY:
 ROHL GATEWAY FIBER		 ROHL GLOBAL NETWORKS
		
		
DESIGNED BY:		RD 2024/07/11
DRAWN BY:		MG 2024/08/07
CHECKED BY:		MM 2024/08/07
APPROVED BY:		RD 2024/08/07
PROJECT NUMBER:		05-600-13051
CUSTOMER:		ROHL GATEWAY FIBER INC.
LOCATION:		HIGH LEVEL, AB
DRAWING:		TYPICAL DETAILS
DRAWING No.		401
SHEET:		5 OF 28

**ATCO
HIGH LEVEL SUBSTATION**



REV	YYYY/MM/DD	DESCRIPTION
1	2024/09/11	TOWN PROPOSED REALIGNMENT
0	2024/08/07	ISSUED FOR CONSTRUCTION
PREPARED FOR:		PREPARED BY:
 ROHL GATEWAY FIBER		 ROHL GLOBAL NETWORKS
		COM EDL SAN CURB PWR SAN WTR SPlicing location
DESIGNED BY:		RD 2024/07/11
DRAWN BY:		MG 2024/08/07
CHECKED BY:		MM 2024/08/07
APPROVED BY:		RD 2024/08/07
PROJECT NUMBER:		05-600-13051
CUSTOMER:		ROHL GATEWAY FIBER INC.
LOCATION:		HIGH LEVEL, AB
DRAWING:		TYPICAL DETAILS
SHEET:		6 OF 28

402

ATCO HIGH LEVEL SUBSTATION

EXISTING PLANT

— BOTTOM OF SLOPE —	— BOTTOM OF SLOPE —	BOTTOM OF SLOPE
— BUSHLINE —	— BUSHLINE —	BUSH LINE
— — — — —	— — — — —	CENTER LINE
— COM —	— COM —	COMMUNICATIONS LINE
— CROPLINE —	— CROPLINE —	CROP LINE
— GVL —	— GVL —	EDGE OF GRAVEL
— EOP —	— EOP —	EDGE OF PAVEMENT
— EOW —	— EOW —	EDGE OF WATER
— CURB —	— CURB —	FACE OF CURB
— F/L —	— F/L —	FENCE LINE
— FO —	— FO —	FIBER OPTIC CABLE
— GAS —	— GAS —	GAS LINE
— — — — —	— — — — —	GUARDRAIL
— PIPELINE —	— PIPELINE —	PIPELINE
— PWR —	— PWR —	POWER LINE
— — — — —	— — — — —	PROPERTY LINE/ROW
— — — — —	— — — — —	RAILROAD
— SAN —	— SAN —	SANITARY SEWER LINE

— STRM — STRM — STRM — STORM SEWER LINE

— SEWER — SEWER — SEWER — SEWER LINE

— TOP OF SLOPE — TOP OF SLOPE — TOP OF SLOPE

— T/L — T/L — T/L — TREE LINE

— WTR — WTR — WTR — WATER LINE



ANCHOR



CATCH BASIN



CAUTION SYMBOL



CONTROL BOX - TRAFFIC



CULVERT



FENCE POST



FIRE HYDRANT



FLAGPOLE



HANDHOLE - COMMUNICATIONS



HANDHOLE - POWER



HANDHOLE - TRAFFIC



HWY SIGN



LIGHT - STREET



LIGHT - TRAFFIC



MANHOLE - COMMUNICATIONS



MANHOLE - POWER



MANHOLE - SANITARY SEWER



MANHOLE - STORM SEWER



MANHOLE - WATER



MARKER - COMMUNICATIONS



MARKER - GAS



MARKER - POWER



MARKER - SURVEY



MARKER - WATER



METER - GAS



METER - POWER



METER - WATER



PEDESTAL - COMMUNICATIONS



PEDESTAL - POWER



POLE



PROPERTY PIN



RAILROAD MILE POST



RAILROAD SIGNAL



RUNNING LINE



CHANGE IN CONSTRUCTION METHOD



HANDHOLE - PROPOSED



SPICE LOCATION



STATION HASH MARK



WORK LOCATION

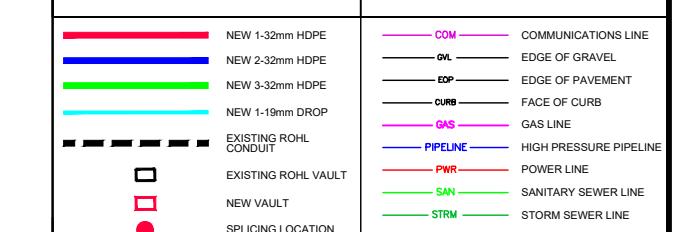


CROSSING LOCATION

REV	YYYY/MM/DD	DESCRIPTION
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0	2024/08/07	ISSUED FOR CONSTRUCTION
PREPARED FOR:		PREPARED BY:
		— COM — COMMUNICATIONS LINE
		— GVL — EDGE OF GRAVEL
		— EOP — EDGE OF PAVEMENT
		— CURB — FACE OF CURB
		— GAS — GAS LINE
		— PIPELINE — HIGH PRESSURE PIPELINE
		— PWR — POWER LINE
		— SAN — SANITARY SEWER LINE
		— STRM — STORM SEWER LINE
		— WTR — WATER LINE
DESIGNED BY:		RD 2024/07/11
DRAWN BY:		MG 2024/08/07
CHECKED BY:		MM 2024/08/07
APPROVED BY:		RD 2024/08/07
PROJECT NUMBER:		05-600-13051 DRAWING No.
CUSTOMER:		ROHL GATEWAY FIBER INC.
LOCATION:		HIGH LEVEL, AB
DRAWING:		LEGEND 501
SHEET:		7 OF 28

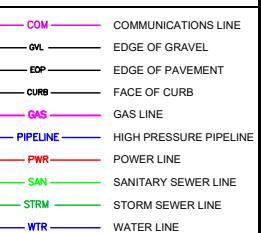
**ATCO
HIGH LEVEL SUBSTATION**

ITEM #	MATERIALS	CATEGORY	ITEM	QUANTITY	UNITS	ITEM #	LABOR	CATEGORY	ITEM	QUANTITY	UNITS				
CPE MATERIALS															
1	MATERIALS	CPE	Fiber Patch Panel - 6 Fiber Wall Mount		each	61	LABOR	Duct	Trenching and Restoration - Asphalt/Concrete		meter				
2	MATERIALS	CPE	Fiber Patch Panel - 12 Fiber Wall Mount		each	62	LABOR	Duct	Trenching and Restoration - Gravel/Sod		meter				
3	MATERIALS	CPE	Fiber Patch Panel - 24 Fiber Wall Mount		each	63	LABOR	Duct	Plow - 1-32mm HDPE	464	meter				
4	MATERIALS	CPE	Fiber Patch Panel - 6 Fiber Rack Mount		each	64	LABOR	Duct	Plow - 2-32mm HDPE		meter				
5	MATERIALS	CPE	Fiber Patch Panel - 12 Fiber Rack Mount		each	65	LABOR	Duct	Plow - 3-32mm HDPE		meter				
6	MATERIALS	CPE	Fiber Patch Panel - 24 Fiber Rack Mount		each	66	LABOR	Duct	Plow - 19mm Drop HDPE		meter				
7	MATERIALS	CPE	Equipment Mounting Shelf - 0.48m x 0.50m		each	67	LABOR	Duct	Directional Bore - 1-32mm HDPE	1713	meter				
8	MATERIALS	CPE	19mm Plywood Backboard - 0.60m x 0.60m		each	68	LABOR	Duct	Directional Bore - 2-32mm HDPE		meter				
9	MATERIALS	CPE	Building Entrance Kit		each	69	LABOR	Duct	Directional Bore - 3-32mm HDPE		meter				
10	MATERIALS	CPE	Tracer Wire - #10		meter	70	LABOR	Duct	Directional Bore - 4-32mm HDPE		meter				
OSP MATERIALS															
11	MATERIALS	Fiber	Fiber - 6 Strand SMF FT4 Rated		meter	72	LABOR	Duct	Directional Bore - 102mm Steel Railway Crossing		meter				
12	MATERIALS	Fiber	Fiber - 12 Strand SMF FT4 Rated		meter	73	LABOR	Duct	Hydrovac		hours				
13	MATERIALS	Fiber	Fiber - 24 Strand SMF FT4 (PLUS 5%)	230	meter	74	LABOR	Duct	Place Duct Along Bridge		meter				
14	MATERIALS	Fiber	Fiber - 12 Strand SMF PSP		meter	75	LABOR	Fiber	Place Fiber in New 32mm Conduit	2177	meter				
15	MATERIALS	Fiber	Fiber - 24 Strand SMF PSP (plus 5%)	2200	meter	76	LABOR	Fiber	Place Fiber in New 19mm Conduit		meter				
16	MATERIALS	Fiber	Fiber - 36 Strand SMF PSP		meter	77	LABOR	Fiber	Place Fiber up Existing Pole		each				
17	MATERIALS	Fiber	Fiber - 48 Strand SMF PSP (plus 5%)		meter	78	LABOR	CPE	Building Entrance Connection (Above Ground)		each				
18	MATERIALS	Fiber	Fiber - 72 Strand SMF PSP		meter	79	LABOR	CPE	Building Entrance Connection (Underground)		each				
19	MATERIALS	Fiber	Fiber - 96 Strand SMF PSP		meter	80	LABOR	CPE	Building Entrance Connection (Underground - Use Existing Building Entrance)		each				
20	MATERIALS	Fiber	Fiber - 2 Strand Drop (plus 5%)		meter	81	LABOR	CPE	Core Drill Wall		each				
21	MATERIALS	Fiber	Fiber - 12 Strand Drop (plus 5%)		meter	82	LABOR	Enclosures	Place Handhole	4	each				
22	MATERIALS	Duct	Conduit - HDPE 32mm SDR 11 (plus 5%)	2300	meter	FIBER SPLICING AND TESTING									
23	MATERIALS	Duct	Conduit - HDPE 19mm DROP (plus 5%)		meter	83	LABOR	Splicing	Fiber Splice or Termination	12	per fusion				
24	MATERIALS	Duct	Conduit - Split Duct (plus 5%)		meter	84	LABOR	Splicing	Fiber Termination (Mechanical Connection)	4	per fiber				
25	MATERIALS	Duct	Conduit - Steel 102mm		meter	85	LABOR	Splicing	Splice Case Preparation or Re-Opening	4	each				
26	MATERIALS	Duct	Coupler - Pushlock - 1.25" HDPE (Orange)	30	each	86	LABOR	Splicing	Pre-Testing Cable Reels		per fiber				
27	MATERIALS	Duct	Plug - Split Plug IP Style - 1.25" SDR11 (0.501-550)	10	each	87	LABOR	Splicing	Post-Testing Acceptance Testing	4	per fiber				
28	MATERIALS	Duct	Y-Adapter - 102mm HDPE to 102mm HDPE		each	CUSTOMER PREMISE									
29	MATERIALS	Duct	Y-Adapter - 102mm HDPE to 51mm HDPE		each	88	LABOR	CPE	Place Patch Panel at POP or Customer Premise		each				
30	MATERIALS	Duct	Y-Adapter - 51mm HDPE to 51mm HDPE		each	89	LABOR	CPE	Install Shelf at Customer Premise		each				
31	MATERIALS	Duct	Y-Adapter - 51mm HDPE to 32mm HDPE		each	90	LABOR	CPE	Install Cabinet at Customer Premise		each				
32	MATERIALS	Duct	Y-Adapter - 32mm HDPE to 32mm HDPE		each	91	LABOR	CPE	Install Plywood Backboard at Customer Premise		each				
33	MATERIALS	Enclosures	Handhole - Channell BULK4 24x36x36 Tier 22 Lid	4	each	92	LABOR	CPE	Install all Dielectric FT4 Cable from Building Entry to UID Server Room		meter				
34	MATERIALS	Enclosures	Handhole - Channell BULK7 30x48x36 Tier 22 Lid		each	93	LABOR	CPE	Install Indoor Fiber Cable between Common Room and Server Room in MBU		meter				
35	MATERIALS	Enclosures	Handhole - Channell BULK7 30x48x36 FDH Cutout		each	94	LABOR								
36	MATERIALS	Enclosures	Cabinet - Channell - OPTIMUS 144F Hub Cabinet, Vault Mount		each	95	LABOR								
37	MATERIALS	Enclosures	Cabinet - Channell - Splitter Mod Fiber Hub SC/APC 1x32		each	96	LABOR								
38	MATERIALS	Enclosures	Ground Rod - Galvanized 5/8" x 5'	4	each	97	LABOR								
39	MATERIALS	Enclosures	Ground Rod - Clamp 5/8" x 1/2" w/ Breakaway Bolt	4	each	98	LABOR								
40	MATERIALS	Enclosures	Ground Wire #6 Green Stranded		meter	99	LABOR								
41	MATERIALS	Enclosures	#6 Short Barrel One Hole 1/4" Hole Lug (Blue)	4	each	100	LABOR								
42	MATERIALS	Enclosures	Galvanized Sign Post - 79"		each	101	LABOR								
43	MATERIALS	Enclosures	Sign Hardware Kits - CAP SCREWS_LOCKWASHERNUTS		each	102	LABOR								
44	MATERIALS	Enclosures	Buried Cable Sign	30	each	103	LABOR								
45	MATERIALS	Enclosures	Caution Fiber Optic Tag - Orange 3.75" x 1.75"	10	each	104	LABOR								
46	MATERIALS	Enclosures	Caution Fiber Optic Tag - Yellow 3.75" x 1.75"		each	105	LABOR								
47	MATERIALS	Splice Closures	CommScope - FOSC450-B6-4-24-1-B3V	4	each	106	LABOR								
48	MATERIALS	Splice Closures	CommScope - FOSC-ACC-B-TRAY-24F		each	107	LABOR								
49	MATERIALS	Splice Closures	CommScope - FAK-MULDTP-45-4P/CBL-ATT [1F6818-000]		each	108	LABOR								
50	MATERIALS	Splice Closures	CommScope - Single Fusion Splice Sleeve 62mm		each	109	LABOR								
51	MATERIALS	CPE	Fiber NID		each	110	LABOR								
52	MATERIALS	CPE	Primex P1000 6 Port - Duplex SC/APC w/ Splice Tray - Wall Mount		each	111	LABOR								
53	MATERIALS	CPE	Primex P1000 12 Port - Duplex SC/APC w/ Splice Tray - Wall Mount		each	112	LABOR								
54	MATERIALS	CPE	CFLD - 1F SC/APC 1m Pigtail 900um		each	113	LABOR								
55	MATERIALS	CPE	CommScope - Single Fusion Splice Sleeve 62mm		each	114	LABOR								
56	MATERIALS					115	LABOR								
57	MATERIALS					116	LABOR								
58	MATERIALS					117	LABOR								
59	MATERIALS					118	LABOR								
60	MATERIALS					119	LABOR								

REV	YYYY/MM/DD	DESCRIPTION
1	2024/09/11	TOWN PROPOSED REALIGNMENT
0	2024/08/07	ISSUED FOR CONSTRUCTION
PREPARED FOR:		PREPARED BY:
		
		
 NEW 1-32mm HDPE  NEW 2-32mm HDPE  NEW 3-32mm HDPE  NEW 1-19mm DROP  EXISTING ROHL CONDUIT  EXISTING ROHL VAULT  NEW VAULT SPlicing LOCATION		
DESIGNED BY:		RD 2024/07/11
DRAWN BY:		MG 2024/08/07
CHECKED BY:		MM 2024/08/07
APPROVED BY:		RD 2024/08/07
PROJECT NUMBER:		05-600-13051
CUSTOMER:		ROHL GATEWAY FIBER INC.
LOCATION:		HIGH LEVEL, AB
DRAWING:		BILL OF MATERIALS
SHEET:		601 8 OF 28

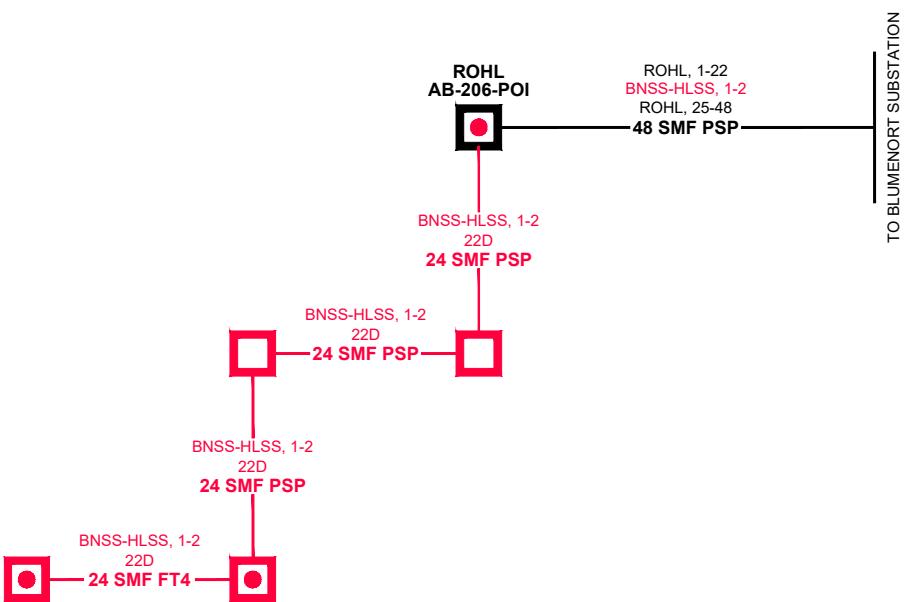
**ATCO
HIGH LEVEL SUBSTATION**

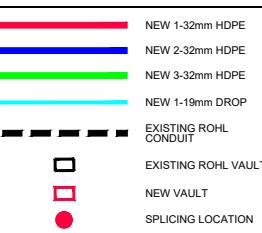
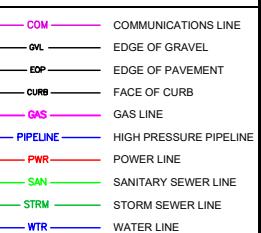
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1	1+080	SE32 109-19-5	CANADIAN NATIONAL RAILWAY	RAIL ROAD - CROSSING	1003	902	38						
2	1+371	SE32 109-19-5	ALBERTA TRANSPORTATION	HIGHWAY 35 - CROSSING	1004	903	39						
3	1+420	SE32 109-19-5	ALBERTA TRANSPORTATION	HIGHWAY 58 - CROSSING	1004	906	40						
4	1+838	SW32 109-19-5	APEX UTILITIES INC.	HIGH PRESSURE PIPELINE	1005	904	41						
5	2+036	SW32 109-19-5	APEX UTILITIES INC.	HIGH PRESSURE PIPELINE	1006	905	42						
6							43						
7							44						
8							45						
9							46						
10							47						
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36							73						
37							74						

REV	YYYY/MM/DD	DESCRIPTION
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0	2024/08/07	ISSUED FOR CONSTRUCTION
PREPARED FOR:		PREPARED BY:
		
		
		
DESIGNED BY:	RD	2024/07/11
DRAWN BY:	MG	2024/08/07
CHECKED BY:	MM	2024/08/07
APPROVED BY:	RD	2024/08/07
PROJECT NUMBER:	05-600-13051	DRAWING No.
CUSTOMER:	ROHL GATEWAY FIBER INC.	
LOCATION:	HIGH LEVEL, AB	
DRAWING:	TABLE OF CROSSINGS	
SHEET:	9 OF 28	

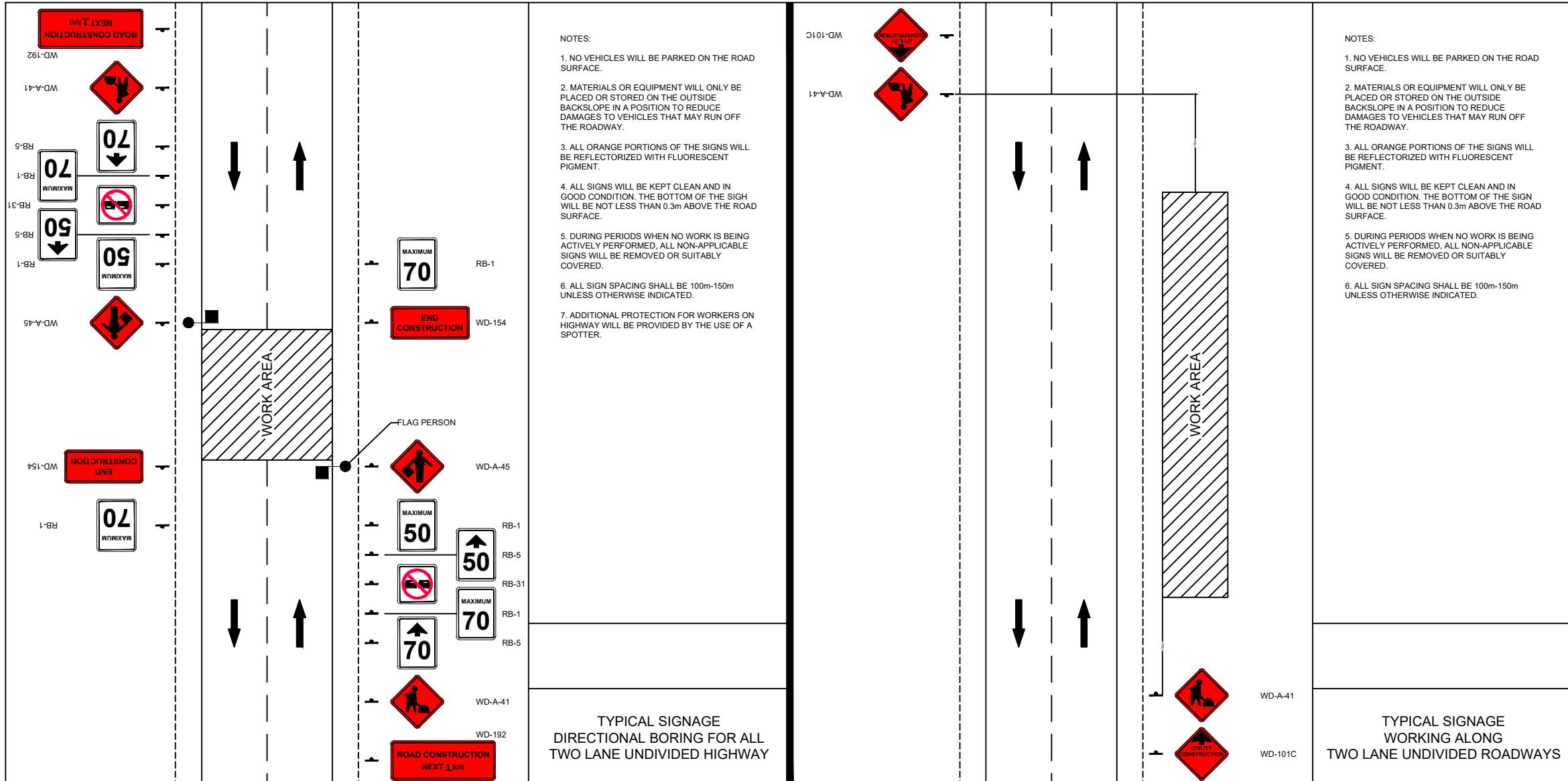
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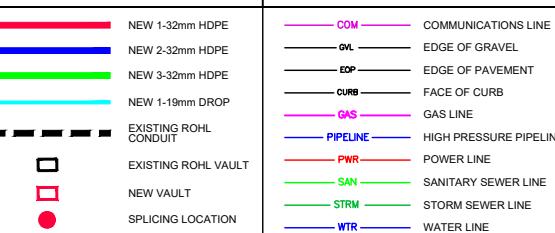
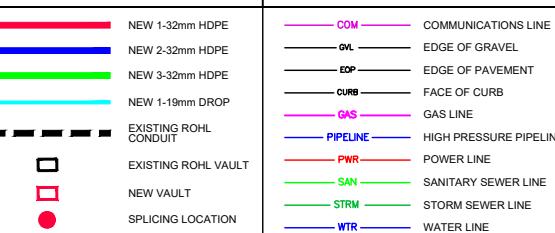
**ATCO
HIGH LEVEL SUBSTATION**



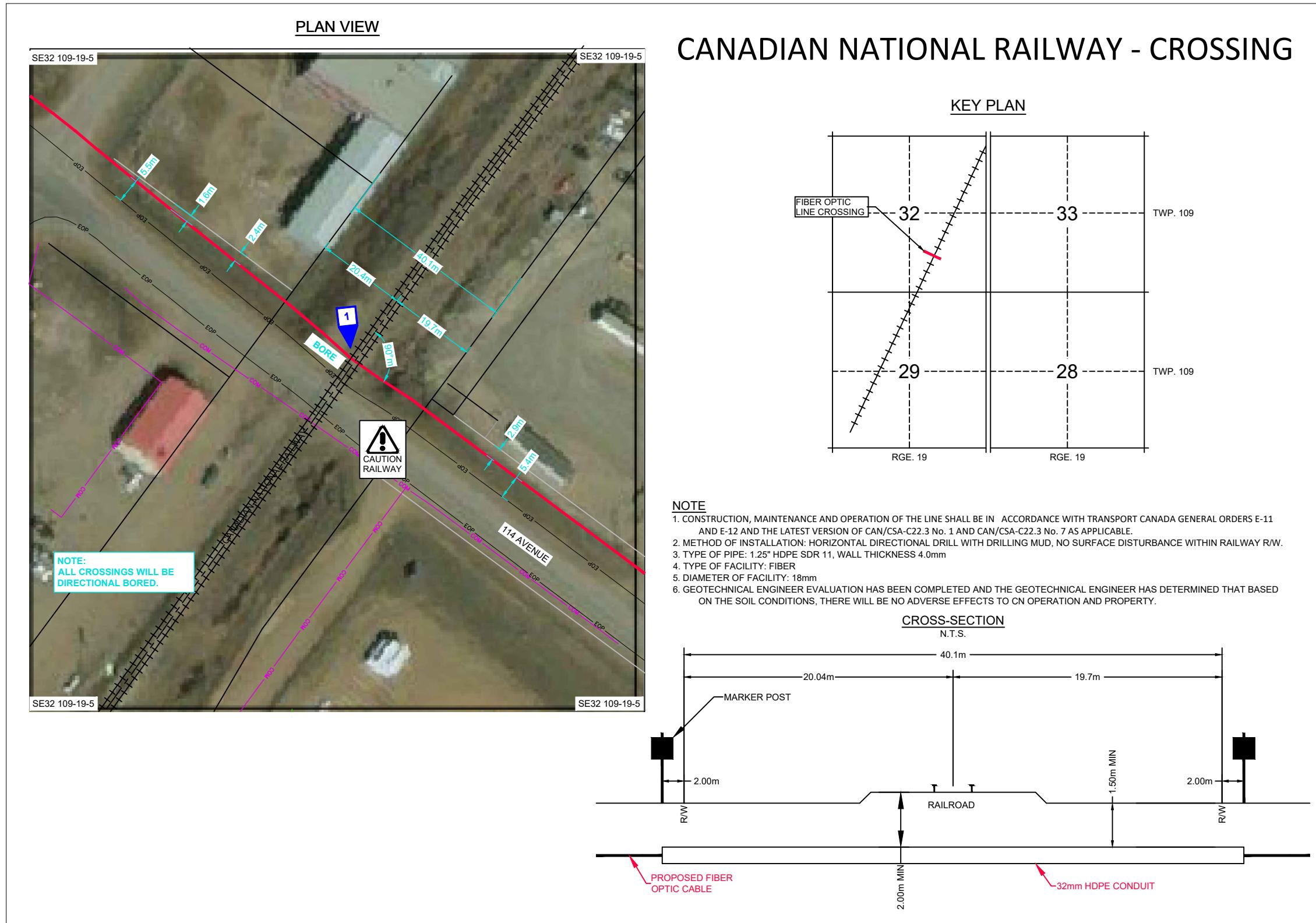
REV	YYYY/MM/DD	DESCRIPTION
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PREPARED FOR:		PREPARED BY:
		
		
		
DESIGNED BY:	RD	2024/07/11
DRAWN BY:	MG	2024/08/07
CHECKED BY:	MM	2024/08/07
APPROVED BY:	RD	2024/08/07
PROJECT NUMBER:	05-600-13051	DRAWING No.
CUSTOMER:	ROHL GATEWAY FIBER INC.	801
LOCATION:	HIGH LEVEL, AB	
DRAWING:	FIBER AND SPLICING SCHEMATIC	
SHEET:	10 OF 28	

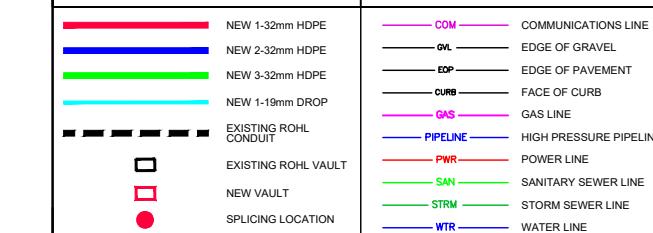
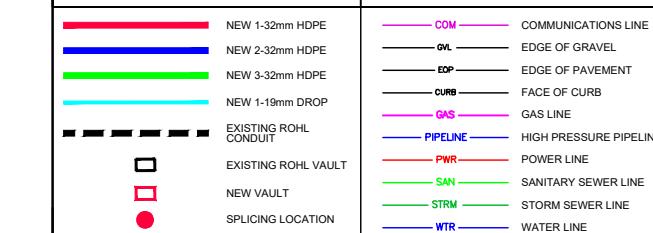
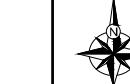
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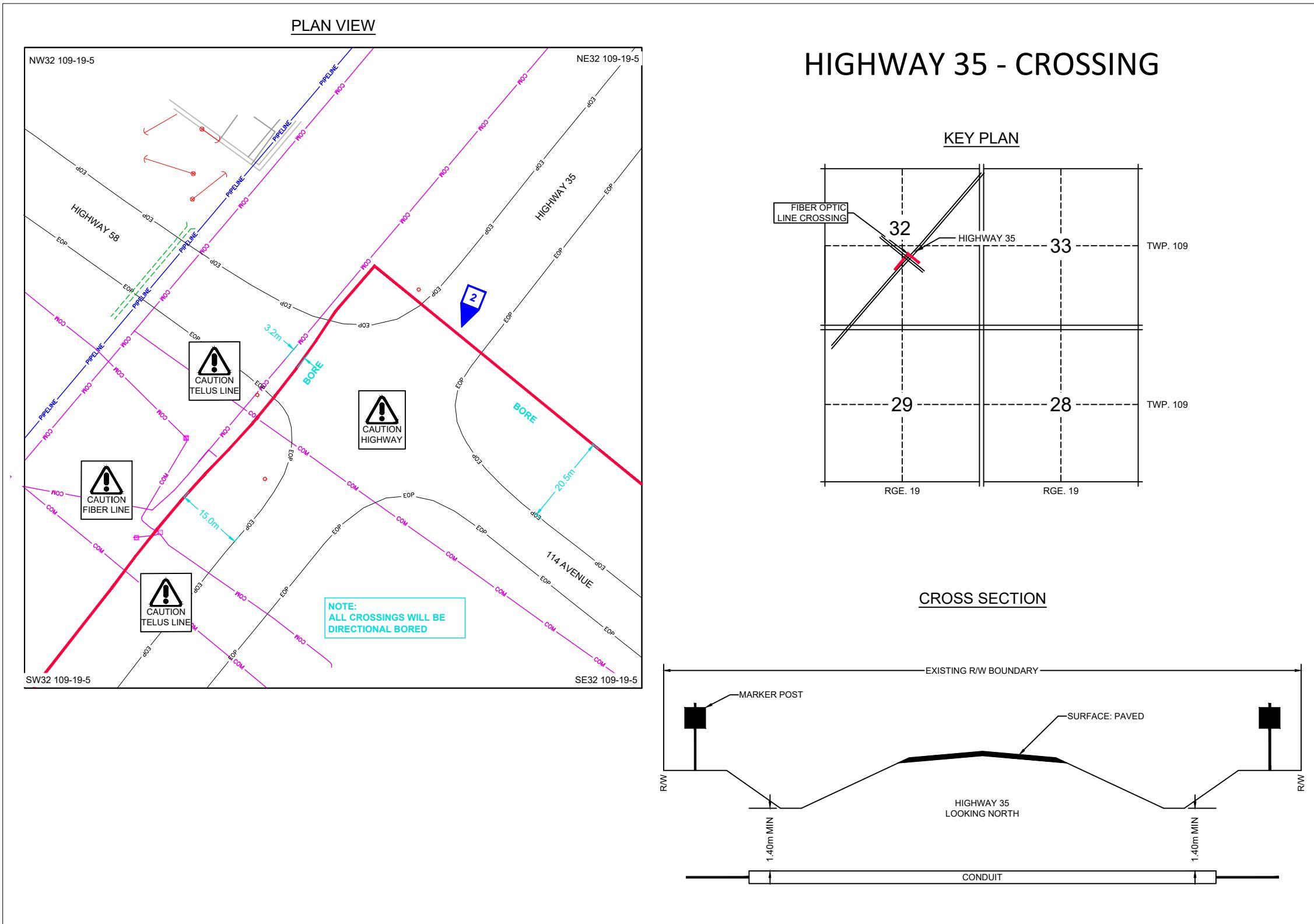
REV	YYYY/MM/DD	DESCRIPTION
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PREPARED FOR:		PREPARED BY:
		
		
		
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DRAWN BY:	MG	2024/08/07
CHECKED BY:	MM	2024/08/07
APPROVED BY:	RD	2024/08/07
PROJECT NUMBER:	05-600-13051	DRAWING No.
CUSTOMER:	ROHL GATEWAY FIBER INC.	901
LOCATION:	HIGH LEVEL, AB	
DRAWING:	PERMIT DETAIL DRAWING	
SHEET:	11 OF 28	

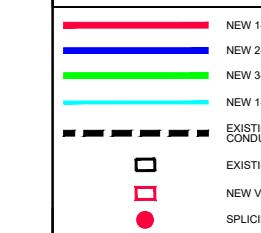
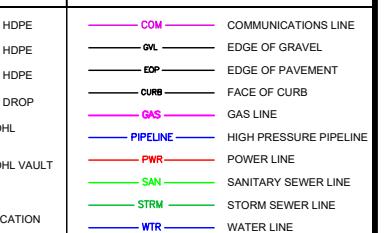
**ATCO
HIGH LEVEL SUBSTATION**



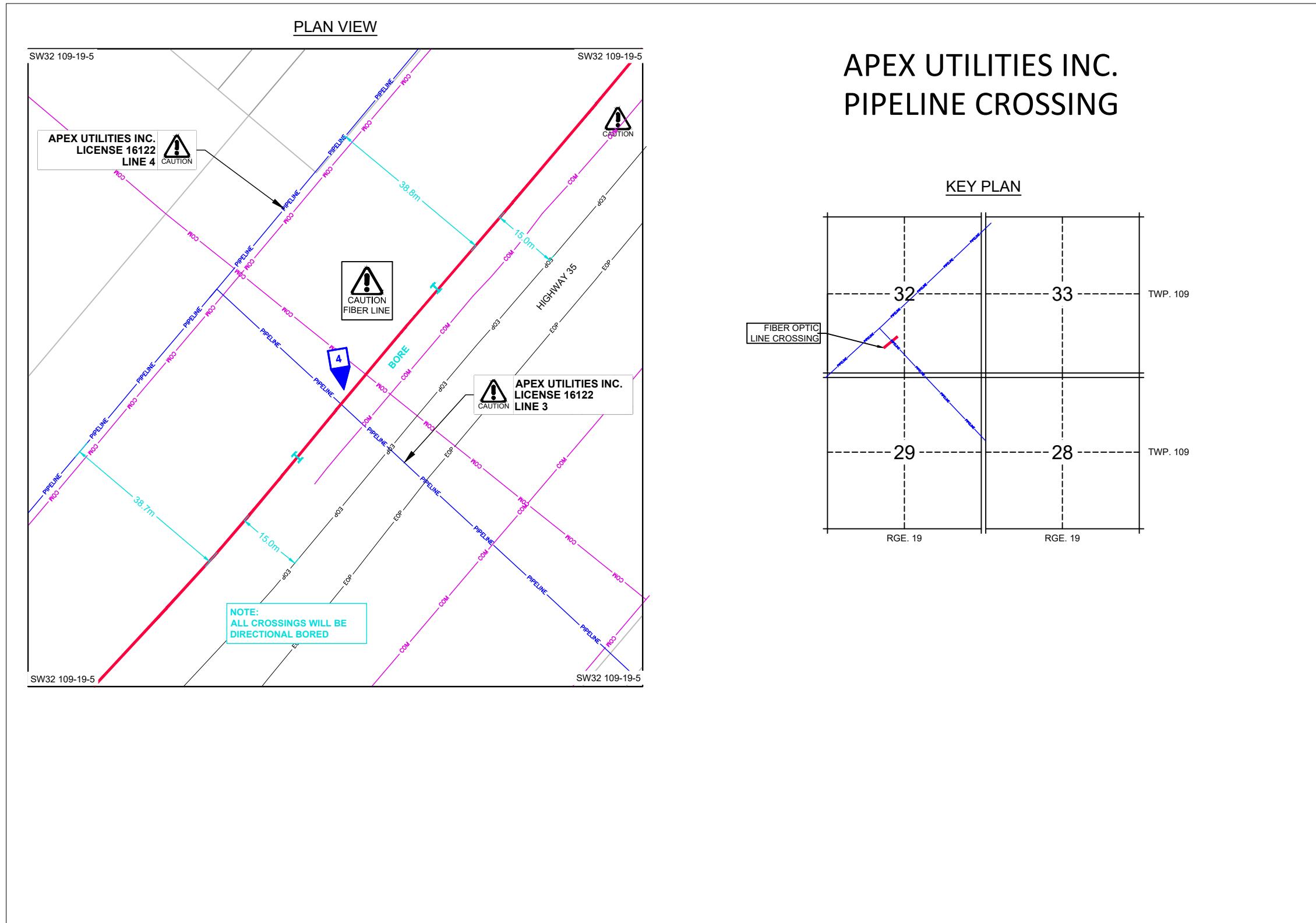
REV	YYYY/MM/DD	DESCRIPTION
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0	2024/08/07	ISSUED FOR CONSTRUCTION
PREPARED FOR:		PREPARED BY:
		
		
		
DESIGNED BY:	RD	2024/07/11
DRAWN BY:	MG	2024/08/07
CHECKED BY:	MM	2024/08/07
APPROVED BY:	RD	2024/08/07
PROJECT NUMBER:	05-600-13051	DRAWING No.
CUSTOMER:	ROHL GATEWAY FIBER INC.	902
LOCATION:	HIGH LEVEL, AB	
DRAWING:	PERMIT DETAIL DRAWING	SHEET: 12 OF 28

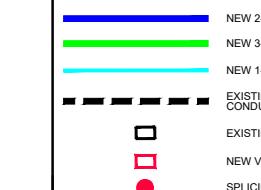
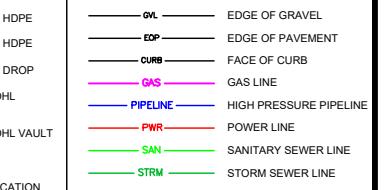
**ATCO
HIGH LEVEL SUBSTATION**



REV	YYYY/MM/DD	DESCRIPTION
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PREPARED FOR:		PREPARED BY:
		
		
DESIGNED BY:		RD 2024/07/11
DRAWN BY:		MG 2024/08/07
CHECKED BY:		MM 2024/08/07
APPROVED BY:		RD 2024/08/07
PROJECT NUMBER:		05-600-13051
CUSTOMER:		ROHL GATEWAY FIBER INC.
LOCATION:		HIGH LEVEL, AB
DRAWING:		PERMIT DETAIL DRAWING
DRAWING No.		903
SHEET:		13 OF 28

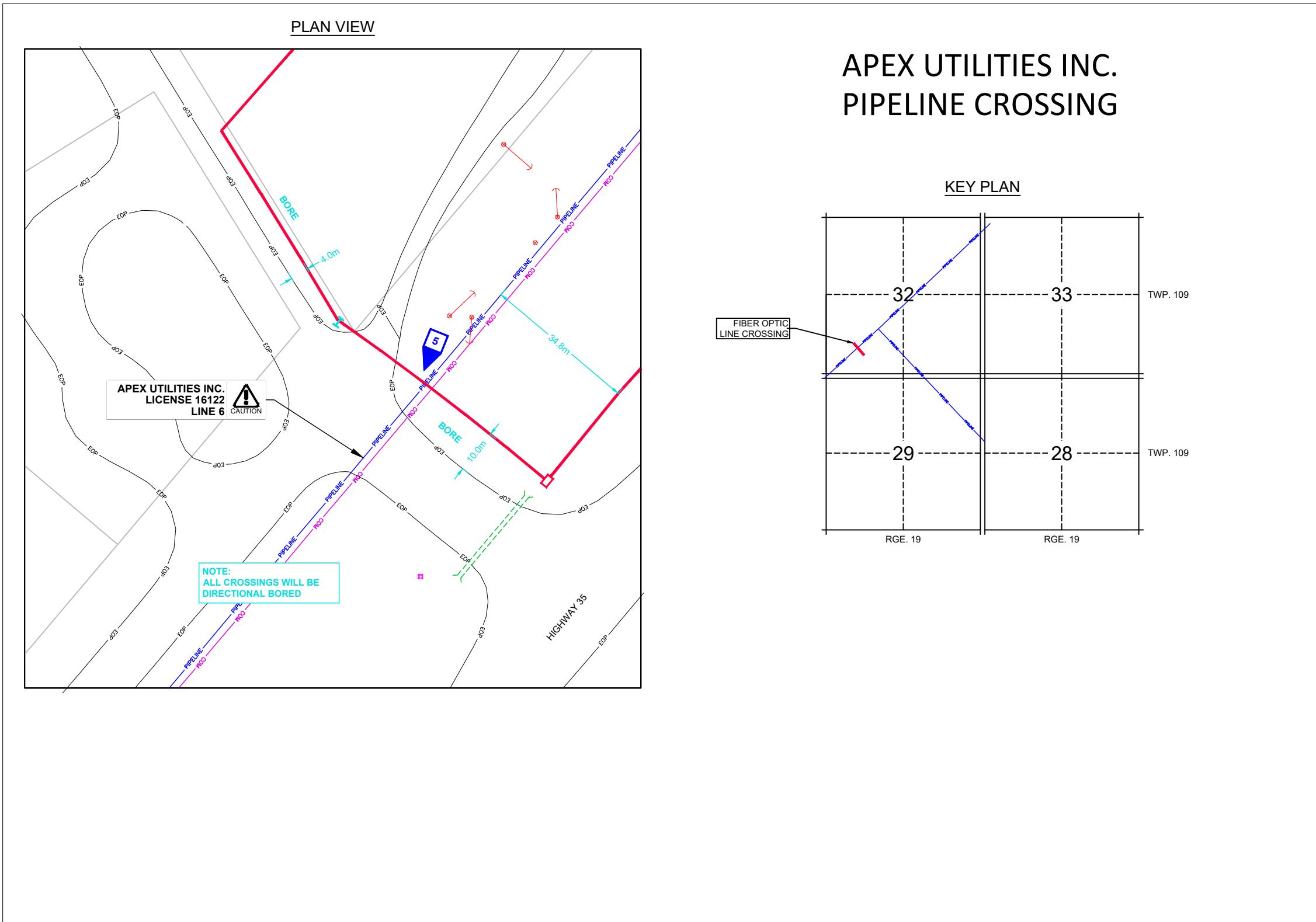
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HIGH LEVEL SUBSTATION**

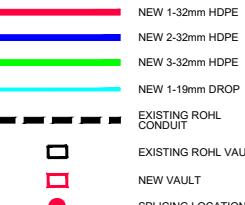
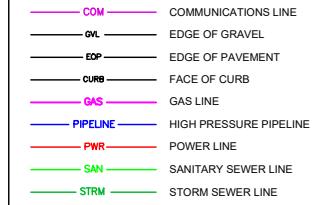


REV	YYYY/MM/DD	DESCRIPTION
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PREPARED FOR:		PREPARED BY:
		
		
		
DESIGNED BY:	RD	2024/07/11
DRAWN BY:	MG	2024/08/07
CHECKED BY:	MM	2024/08/07
APPROVED BY:	RD	2024/08/07
PROJECT NUMBER:	05-600-13051	DRAWING No.
CUSTOMER:	ROHL GATEWAY FIBER INC.	904
LOCATION:	HIGH LEVEL, AB	
DRAWING:	PERMIT DETAIL DRAWING	SHEET: 14 OF 28

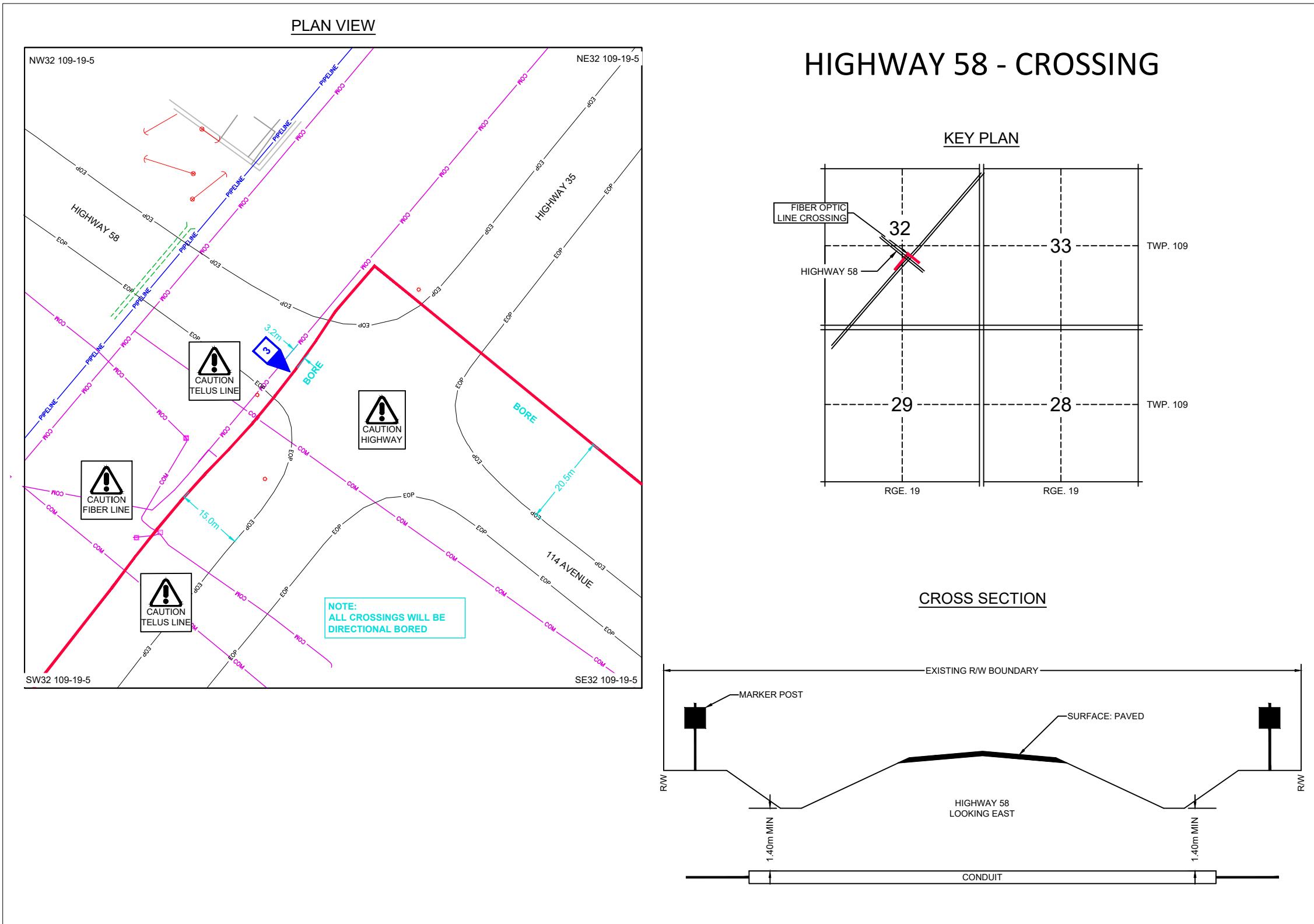
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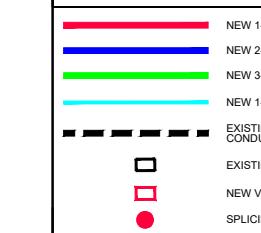
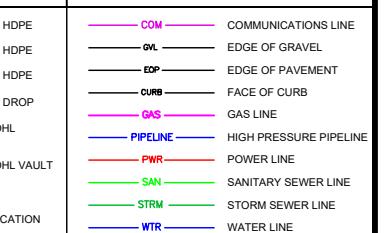
HIGH LEVEL SUBSTATION



REV	YYYY/MM/DD	DESCRIPTION
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PREPARED FOR:		PREPARED BY:
		
		
		
DESIGNED BY:		RD
DRAWN BY:		MG
CHECKED BY:		MM
APPROVED BY:		RD
PROJECT NUMBER:		05-600-13051
CUSTOMER:		ROHL GATEWAY FIBER INC.
LOCATION:		HIGH LEVEL, AB
DRAWING:		PERMIT DETAIL DRAWING
DRAWING No.		905
SHEET:		15 OF 28

**ATCO
HIGH LEVEL SUBSTATION**



REV	YYYY/MM/DD	DESCRIPTION
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0	2024/08/07	ISSUED FOR CONSTRUCTION
PREPARED FOR:		PREPARED BY:
		
		
		
DESIGNED BY:	RD	2024/07/11
DRAWN BY:	MG	2024/08/07
CHECKED BY:	MM	2024/08/07
APPROVED BY:	RD	2024/08/07
PROJECT NUMBER:	05-600-13051	DRAWING No.
CUSTOMER:	ROHL GATEWAY FIBER INC.	906
LOCATION:	HIGH LEVEL, AB	
DRAWING:	PERMIT DETAIL DRAWING	SHEET: 16 OF 28

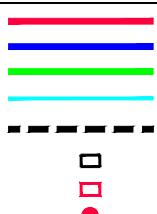
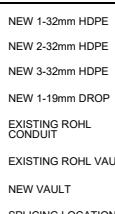
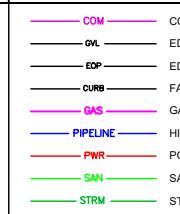
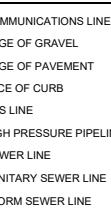
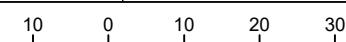


ATCO HIGH LEVEL SUBSTATION

CONSTRUCTION NOTES



- 1 EXISTING ROHL VAULT #AB-206-POI
- 2 PLACE NEW 1-32mm HDPE SDR11 CONDUIT
822m

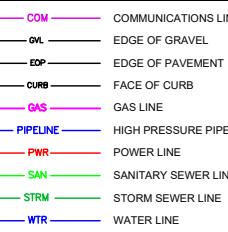
REV	YYYY/MM/DD	DESCRIPTION
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0	2024/08/07	ISSUED FOR CONSTRUCTION
PREPARED FOR:		PREPARED BY:
		
		
		
		
		
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DESIGNED BY:		RD
DRAWN BY:		RD
CHECKED BY:		RD
APPROVED BY:		RD
PROJECT NUMBER:		05-600-13051
CUSTOMER:		ROHL GATEWAY FIBER INC.
LOCATION:		HIGH LEVEL, AB
DRAWING:		CONSTRUCTION DRAWING
		DRAWING No. 1001
		SHEET: 17 OF 28

ATCO HIGH LEVEL SUBSTATION

CONSTRUCTION NOTES

1 822m 2 PLACE NEW 1-32mm HDPE SDR11 CONDUIT



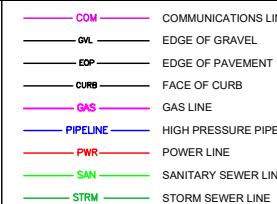
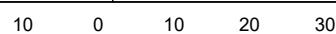
REV	YYYY/MM/DD	DESCRIPTION
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0	2024/08/07	ISSUED FOR CONSTRUCTION
PREPARED FOR:		PREPARED BY:
 ROHL GATEWAY FIBER		 ROHL GLOBAL NETWORKS
		
		SCALE: 1:1000
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DRAWN BY:	MG	2024/08/07
CHECKED BY:	MM	2024/08/07
APPROVED BY:	RD	2024/08/07
PROJECT NUMBER:	05-600-13051	DRAWING No.
CUSTOMER:	ROHL GATEWAY FIBER INC.	1002
LOCATION:	HIGH LEVEL, AB	
DRAWING:	CONSTRUCTION DRAWING	
SHEET:	18 OF 28	



ATCO HIGH LEVEL SUBSTATION

CONSTRUCTION NOTES

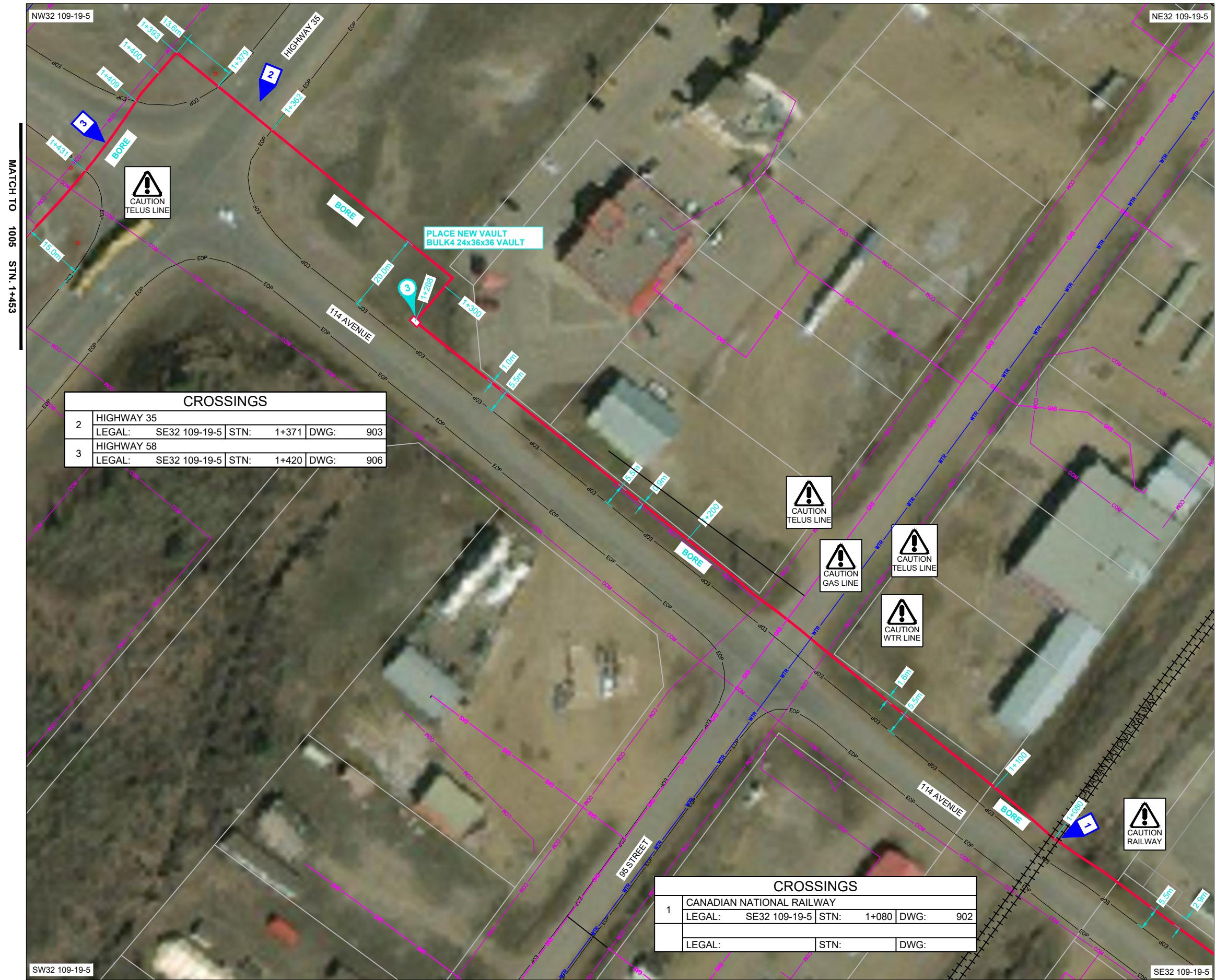
-   PLACE NEW 1-32mm HDPE SDR11 CONDUIT
822m
-  PLACE NEW BULK4 24x36x36 VAULT
-   PLACE NEW 1-32mm HDPE SDR11 CONDUIT
466m

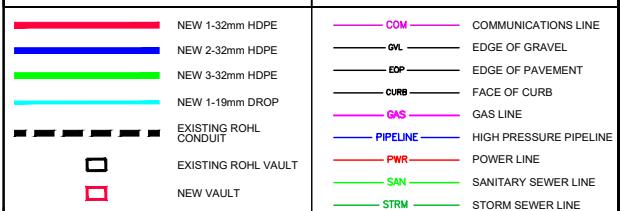
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0	2024/08/07	ISSUED FOR CONSTRUCTION
PREPARED FOR:		PREPARED BY:
 ROHL <small>GATEWAY FIBER</small>		 ROHL <small>GLOBAL NETWORKS</small>
		
		 SCALE: 1:1000
DESIGNED BY:		RD 2024/07/11
DRAWN BY:		MG 2024/08/07
CHECKED BY:		MM 2024/08/07
APPROVED BY:		RD 2024/08/07
PROJECT NUMBER:		05-600-13051
CUSTOMER:		ROHL GATEWAY FIBER INC.
LOCATION:		HIGH LEVEL, AB
DRAWING:		CONSTRUCTION DRAWING
DRAWING No.		1003
SHEET:		19 OF 28

ATCO HIGH LEVEL SUBSTATION

CONSTRUCTION NOTES

- 2 466m 3 PLACE NEW 1-32mm HDPE SDR11 CONDUIT
- 3 PLACE NEW BULK4 24x36x36 VAULT
- 3 713m 4 PLACE NEW 1-32mm HDPE SDR11 CONDUIT



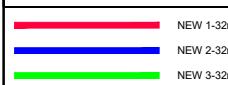
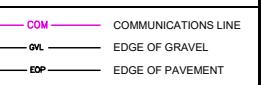
REV	YYYY/MM/DD	DESCRIPTION
1	2024/09/11	TOWN PROPOSED REALIGNMENT
0	2024/08/07	ISSUED FOR CONSTRUCTION
PREPARED FOR:		PREPARED BY:
 ROHL GATEWAY FIBER		 ROHL GLOBAL NETWORKS
		COM COMMUNICATIONS LINE OVL EDGE OF GRAVEL EOP EDGE OF PAVEMENT CURB FACE OF CURB GAS GAS LINE PIPELINE HIGH PRESSURE PIPELINE EXISTING ROHL CONDUIT EXISTING ROHL VAULT NEW VAULT SAN SANITARY SEWER LINE STRM STORM SEWER LINE WTR WATER LINE  10 0 10 20 30 SCALE: 1:1000
DESIGNED BY: RD 2024/07/11		
DRAWN BY: MG 2024/08/07		
CHECKED BY: MM 2024/08/07		
APPROVED BY: RD 2024/08/07		
PROJECT NUMBER: 05-600-13051		DRAWING No.
CUSTOMER: ROHL GATEWAY FIBER INC.		1004
LOCATION: HIGH LEVEL, AB		
DRAWING: CONSTRUCTION DRAWING		SHEET: 20 OF 28

ATCO HIGH LEVEL SUBSTATION

CONSTRUCTION NOTES

3 713m 4 PLACE NEW 1-32mm HDPE SDR11 CONDUIT

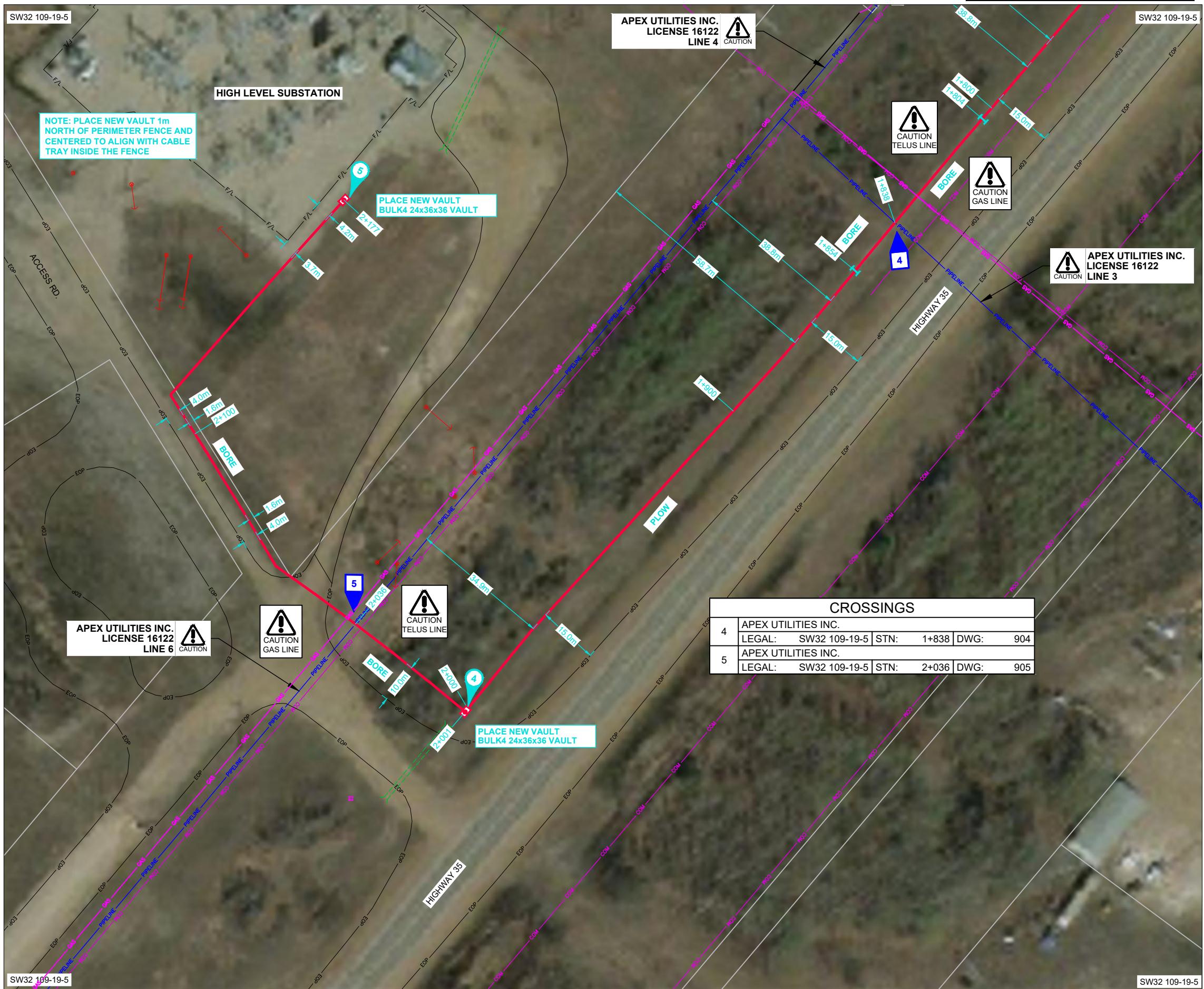


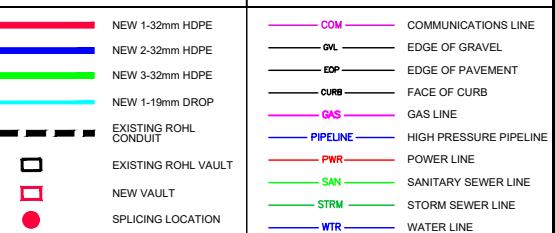
REV	YYYY/MM/DD	DESCRIPTION
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0	2024/08/07	ISSUED FOR CONSTRUCTION
PREPARED FOR:		PREPARED BY:
 ROHL GATEWAY FIBER		 ROHL GLOBAL NETWORKS
		
		SCALE: 1:1000
DESIGNED BY:	RD	2024/07/11
DRAWN BY:	MG	2024/08/07
CHECKED BY:	MM	2024/08/07
APPROVED BY:	RD	2024/08/07
PROJECT NUMBER:	05-600-13051	DRAWING No.
CUSTOMER:	ROHL GATEWAY FIBER INC.	1005
LOCATION:	HIGH LEVEL, AB	
DRAWING:	CONSTRUCTION DRAWING	SHEET: 21 OF 28

ATCO HIGH LEVEL SUBSTATION

CONSTRUCTION NOTES

- 3 713m 4 PLACE NEW 1-32mm HDPE SDR11 CONDUIT
- 4 176m 5 PLACE NEW BULK4 24x36x36 VAULT
- 4 176m 5 PLACE NEW 1-32mm HDPE SDR11 CONDUIT
- 5 PLACE NEW BULK4 24x36x36 VAULT



REV	YYYY/MM/DD	DESCRIPTION
1	2024/09/11	TOWN PROPOSED REALIGNMENT
0	2024/08/07	ISSUED FOR CONSTRUCTION
PREPARED FOR:		PREPARED BY:
		
		
DESIGNED BY: RD 2024/07/11		
DRAWN BY: MG 2024/08/07		
CHECKED BY: MM 2024/08/07		
APPROVED BY: RD 2024/08/07		
PROJECT NUMBER: 05-600-13051		DRAWING No.
CUSTOMER: ROHL GATEWAY FIBER INC.		1006
LOCATION: HIGH LEVEL, AB		
DRAWING: CONSTRUCTION DRAWING		SHEET: 22 OF 28

ATCO HIGH LEVEL SUBSTATION

FIBER PULLING AND SPLICING NOTES

1 EXISTING ROHL VAULT #AB-206-POI
LEAVE 15m END

1 2095m 4 PULL NEW 24FOC THROUGH NEW CONDUIT

ROHL - EXISTING VAULT
#AB-206-PO!
FOSC450-B6
48 SMF PSP 15m END
48 SMF PSP 15m END
24 SMF PSP 15m END

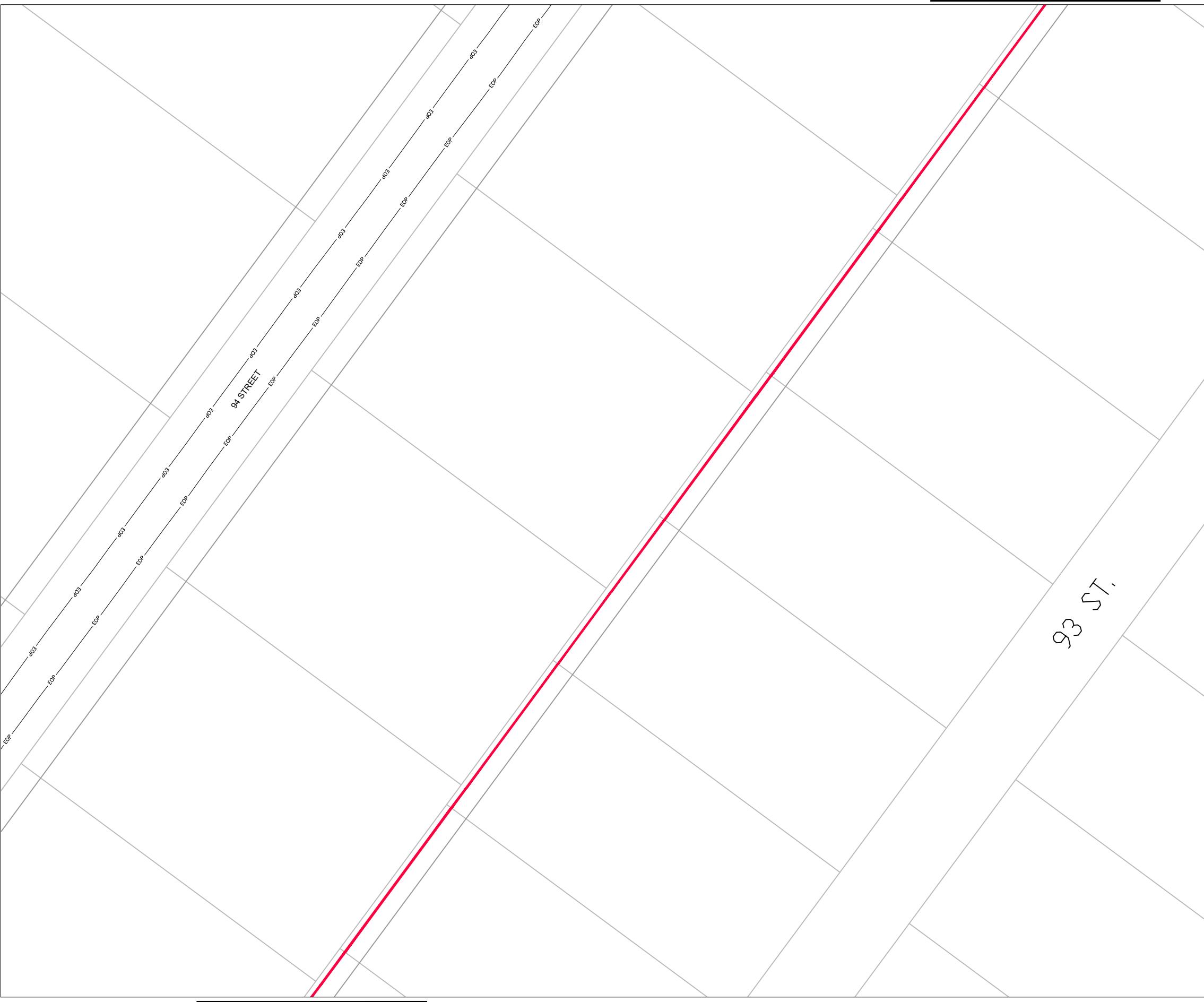
This diagram shows a street intersection with 105 AVENUE and 94 STREET. A red line highlights a specific path or feature. A blue box contains the following text:

ROHL - EXISTING VAULT
#AB-206-POI
FOSC450-B6
48 SMF PSP 15m END
48 SMF PSP 15m END
24 SMF PSP 15m END

The diagram includes various labels such as 'EOP', 'FNP', and 'SOP' along the lines, and a red sun icon in the bottom right corner.

REV	YYYY/MM/DD	DESCRIPTION
1	2024/09/11	TOWN PROPOSED REALIGNMENT
0	2024/08/07	ISSUED FOR CONSTRUCTION
PREPARED FOR:		PREPARED BY:
 ROHL GATEWAY FIBER		 ROHL GLOBAL NETWORKS
 NEW CABLE IN CONDUIT  NEW CABLE IN EXISTING CONDUIT  NEW CABLE IN THIRD PARTY CONDUIT  NEW DROP IN CONDUIT  EXISTING ROHL CONDUIT  EXISTING ROHL VAULT  NEW VAULT  SPLICING LOCATION		 COM  GVL  EDP  CURB  GAS  PIPELINE  PWR  SAN  STRM  WTR  COMMUNICATIONS LINE  EDGE OF GRAVEL  EDGE OF PAVEMENT  FACE OF CURB  GAS LINE  HIGH PRESSURE PIPELINE  POWER LINE  SANITARY SEWER LINE  STORM SEWER LINE  WATER LINE
		 10 0 10 20 30 SCALE: 1:1000
DESIGNED BY:	RD	2024/07/11
DRAWN BY:	MG	2024/08/07
CHECKED BY:	MM	2024/08/07
APPROVED BY:	RD	2024/08/07
PROJECT NUMBER:	05-600-13051	DRAWING No. 2001
CUSTOMER:	ROHL GATEWAY FIBER INC.	
LOCATION:	HIGH LEVEL, AB	
DRAWING:	FIBER AND SPLICING PLAN	
		SHEET: 23 OF 28

MATCH TO 2001



ATCO

HIGH LEVEL SUBSTATION

CONSTRUCTION NOTES

1 2095m 4 PULL NEW 24FOC THROUGH NEW CONDUIT

REV	YYYY/MM/DD	DESCRIPTION
1	2024/09/11	TOWN PROPOSED REALIGNMENT
0	2024/08/07	ISSUED FOR CONSTRUCTION
PREPARED FOR:		PREPARED BY:
		
 NEW CABLE IN CONDUIT  NEW CABLE IN EXISTING CONDUIT  NEW CABLE IN THIRD PARTY CONDUIT  NEW DROP IN CONDUIT  EXISTING ROHL CONDUIT  EXISTING ROHL VAULT  NEW VAULT  SPLICING LOCATION		 COM  EOV  EOP  CURB  GAS  PIPELINE  PWR  SAN  STRM  WTR  COMMUNICATIONS LINE  EDGE OF GRAVEL  EDGE OF PAVEMENT  FACE OF CURB  GAS LINE  HIGH PRESSURE PIPELINE  POWER LINE  SANITARY SEWER LINE  STORM SEWER LINE  WATER LINE
		SCALE: 1:1000
DESIGNED BY:	RD	2024/07/11
DRAWN BY:	MG	2024/08/07
CHECKED BY:	MM	2024/08/07
APPROVED BY:	RD	2024/08/07
PROJECT NUMBER:	05-600-13051	DRAWING No.
CUSTOMER:	ROHL GATEWAY FIBER INC.	2002
LOCATION:	HIGH LEVEL, AB	
DRAWING:	CONSTRUCTION DRAWING	
SHEET:	24 OF 28	

MATCH TO 2002



ATCO HIGH LEVEL SUBSTATION

CONSTRUCTION NOTES

- 1 PULL NEW 24FOC THROUGH NEW CONDUIT
2095m
- 3 NEW ROHL VAULT - 30m SLACK

NEW ROHL VAULT - 30m SLACK

HIGHWAY 58

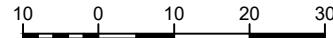
114 AVENUE

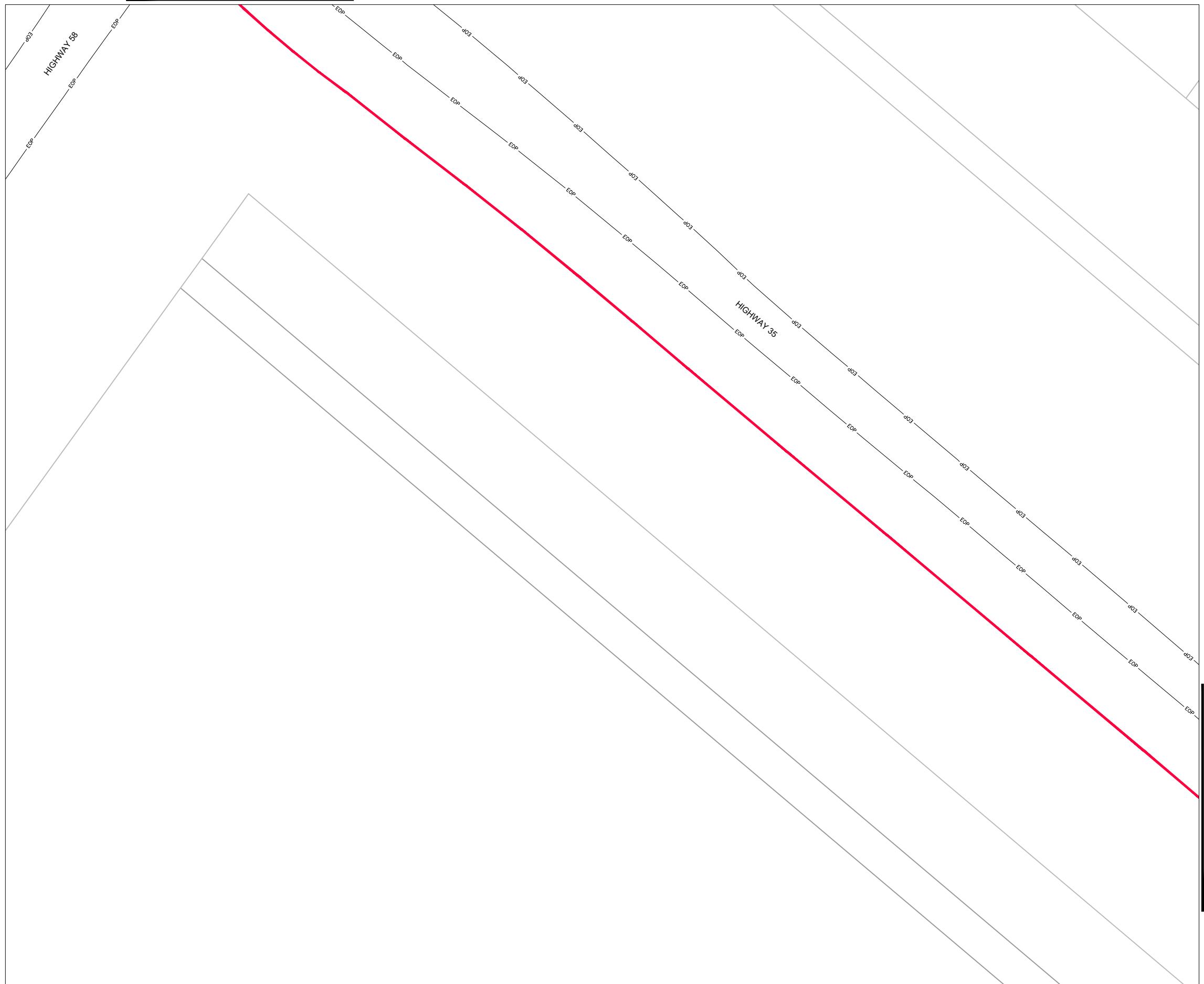
95 STREET

CANADIAN NATIONAL RAILWAY

ROHL - NEW VAULT
FOSC450-B6
24 SMF PSP 30m SLACK

MATCH TO 2005

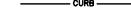
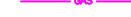
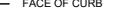
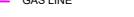
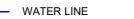
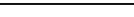
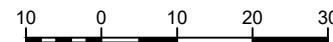
REV	YYYY/MM/DD	DESCRIPTION																																																		
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<table border="0"> <tbody> <tr> <td>—</td> <td>NEW CABLE IN CONDUIT</td> <td>—</td> <td>COM</td> <td>COMMUNICATIONS LINE</td> </tr> <tr> <td>— - -</td> <td>NEW CABLE IN EXISTING CONDUIT</td> <td>—</td> <td>GVL</td> <td>EDGE OF GRAVEL</td> </tr> <tr> <td>—</td> <td>NEW CABLE IN THIRD PARTY CONDUIT</td> <td>—</td> <td>EDP</td> <td>EDGE OF PAVEMENT</td> </tr> <tr> <td>—</td> <td>NEW DROP IN CONDUIT</td> <td>—</td> <td>CURB</td> <td>FACE OF CURB</td> </tr> <tr> <td>— - -</td> <td>EXISTING ROHL CONDUIT</td> <td>—</td> <td>GAS</td> <td>GAS LINE</td> </tr> <tr> <td>□</td> <td>EXISTING ROHL VAULT</td> <td>—</td> <td>Pipeline</td> <td>HIGH PRESSURE PIPELINE</td> </tr> <tr> <td>□</td> <td>NEW VAULT</td> <td>—</td> <td>PWR</td> <td>POWER LINE</td> </tr> <tr> <td>●</td> <td>SPlicing LOCATION</td> <td>—</td> <td>SAN</td> <td>SANITARY SEWER LINE</td> </tr> <tr> <td>—</td> <td></td> <td>—</td> <td>STRM</td> <td>STORM SEWER LINE</td> </tr> <tr> <td>—</td> <td></td> <td>—</td> <td>WTR</td> <td>WATER LINE</td> </tr> </tbody> </table>			—	NEW CABLE IN CONDUIT	—	COM	COMMUNICATIONS LINE	— - -	NEW CABLE IN EXISTING CONDUIT	—	GVL	EDGE OF GRAVEL	—	NEW CABLE IN THIRD PARTY CONDUIT	—	EDP	EDGE OF PAVEMENT	—	NEW DROP IN CONDUIT	—	CURB	FACE OF CURB	— - -	EXISTING ROHL CONDUIT	—	GAS	GAS LINE	□	EXISTING ROHL VAULT	—	Pipeline	HIGH PRESSURE PIPELINE	□	NEW VAULT	—	PWR	POWER LINE	●	SPlicing LOCATION	—	SAN	SANITARY SEWER LINE	—		—	STRM	STORM SEWER LINE	—		—	WTR	WATER LINE
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APPROVED BY:	RD	2024/08/07																																																		
PROJECT NUMBER:	05-600-13051	DRAWING No. 2004 SHEET: 26 OF 28																																																		
CUSTOMER:	ROHL GATEWAY FIBER INC.																																																			
LOCATION:	HIGH LEVEL, AB																																																			
DRAWING:	FIBER AND SPLICING PLAN																																																			

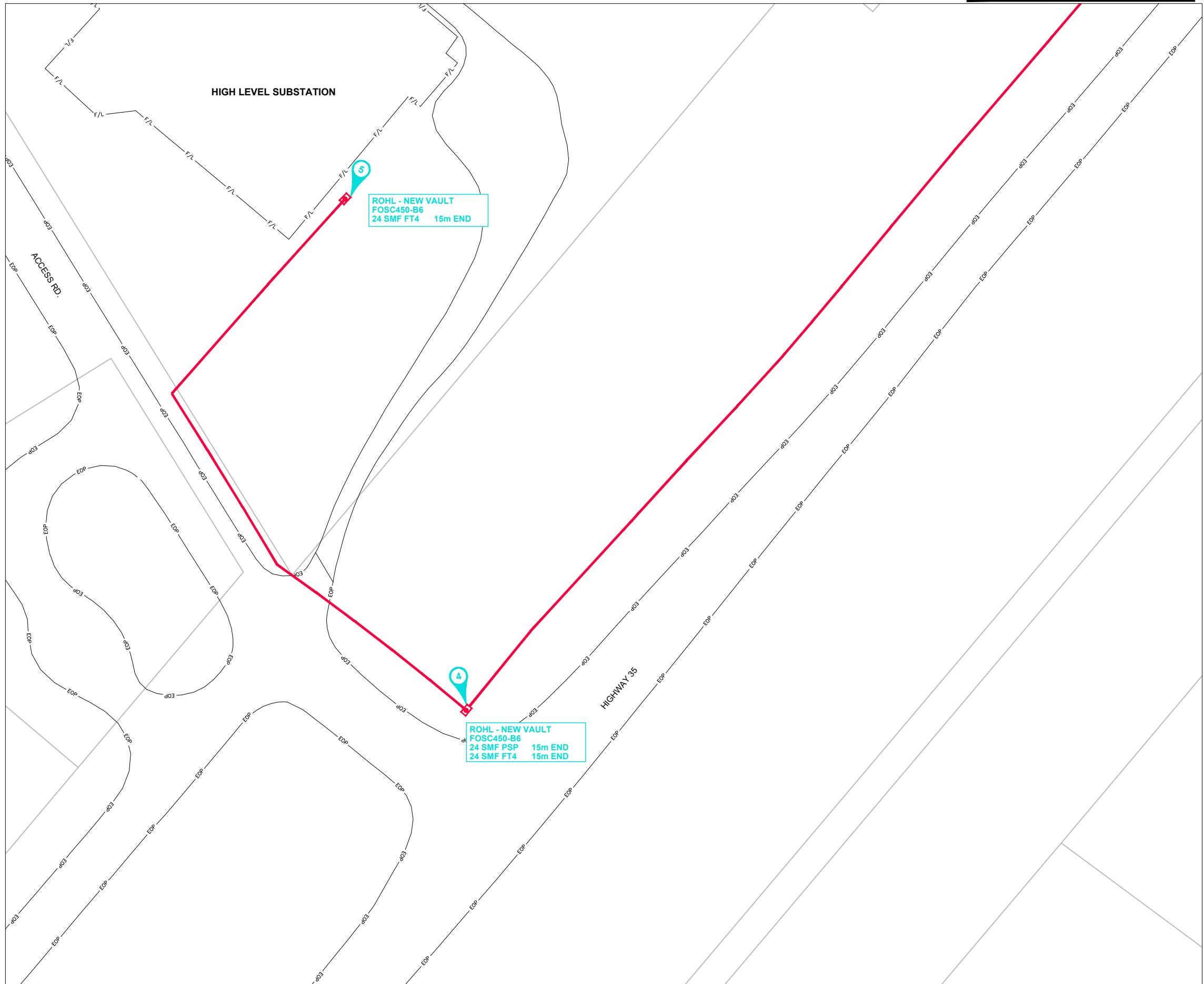


ATCO HIGH LEVEL SUBSTATION

CONSTRUCTION NOTES

1 2095m 4 PULL NEW 24FOC THROUGH NEW CONDUIT

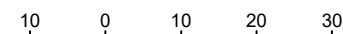
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PREPARED FOR:		PREPARED BY:
 ROHL GATEWAY FIBER		 ROHL GLOBAL NETWORKS
 NEW CABLE IN CONDUIT  NEW CABLE IN EXISTING CONDUIT  NEW CABLE IN THIRD PARTY CONDUIT  NEW DROP IN CONDUIT  EXISTING ROHL CONDUIT  EXISTING ROHL VAULT  NEW VAULT  SPLICING LOCATION		 COM  GVL  EOP  CURB  GAS  PIPELINE  PWR  SAN  STRM  WTR  COMMUNICATIONS LINE  EDGE OF GRAVEL  EDGE OF PAVEMENT  FACE OF CURB  GAS LINE  HIGH PRESSURE PIPELINE  POWER LINE  SANITARY SEWER LINE  STORM SEWER LINE  WATER LINE
		 SCALE: 1:1000
DESIGNED BY:		RD 2024/07/11
DRAWN BY:		MG 2024/08/07
CHECKED BY:		MM 2024/08/07
APPROVED BY:		RD 2024/08/07
PROJECT NUMBER:		05-600-13051
CUSTOMER:		ROHL GATEWAY FIBER INC.
LOCATION:		HIGH LEVEL, AB
DRAWING:		FIBER AND SPLICING PLAN
DRAWING No.		2005 SHEET: 27 OF 28



ATCO HIGH LEVEL SUBSTATION

CONSTRUCTION NOTES

-  1910m PULL NEW 24FOC THROUGH NEW CONDUIT
-  NEW ROHL VAULT - 15m END X 2
NEW FOSC450-B6
-  210m PULL NEW ALL DIELECTRIC 24FOC THROUGH NEW CONDUIT
-  NEW ROHL VAULT - 15m END
NEW FOSC450-B6

REV	YYYY/MM/DD	DESCRIPTION
1	2024/09/11	TOWN PROPOSED REALIGNMENT
0	2024/08/07	ISSUED FOR CONSTRUCTION
PREPARED FOR:		PREPARED BY:
		
 NEW CABLE IN CONDUIT  NEW CABLE IN EXISTING CONDUIT  NEW CABLE IN THIRD PARTY CONDUIT  NEW DROP IN CONDUIT  EXISTING ROHL CONDUIT  EXISTING ROHL VAULT  NEW VAULT  SPLICING LOCATION	 COM  GVL  EOP  CURB  GAS  PIPELINE  PWR  SAN  STRM  WTR  COMMUNICATIONS LINE  EDGE OF GRAVEL  EDGE OF PAVEMENT  FACE OF CURB  GAS LINE  HIGH PRESSURE PIPELINE  POWER LINE  SANITARY SEWER LINE  STORM SEWER LINE  WATER LINE	
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DESIGNED BY:	RD	2024/07/11
DRAWN BY:	MG	2024/08/07
CHECKED BY:	MM	2024/08/07
APPROVED BY:	RD	2024/08/07
PROJECT NUMBER:	05-600-13051	DRAWING No. 2006
CUSTOMER:	ROHL GATEWAY FIBER INC.	
LOCATION:	HIGH LEVEL, AB	
DRAWING:	FIBER AND SPLICING PLAN	
SHEET: 28 OF 28		