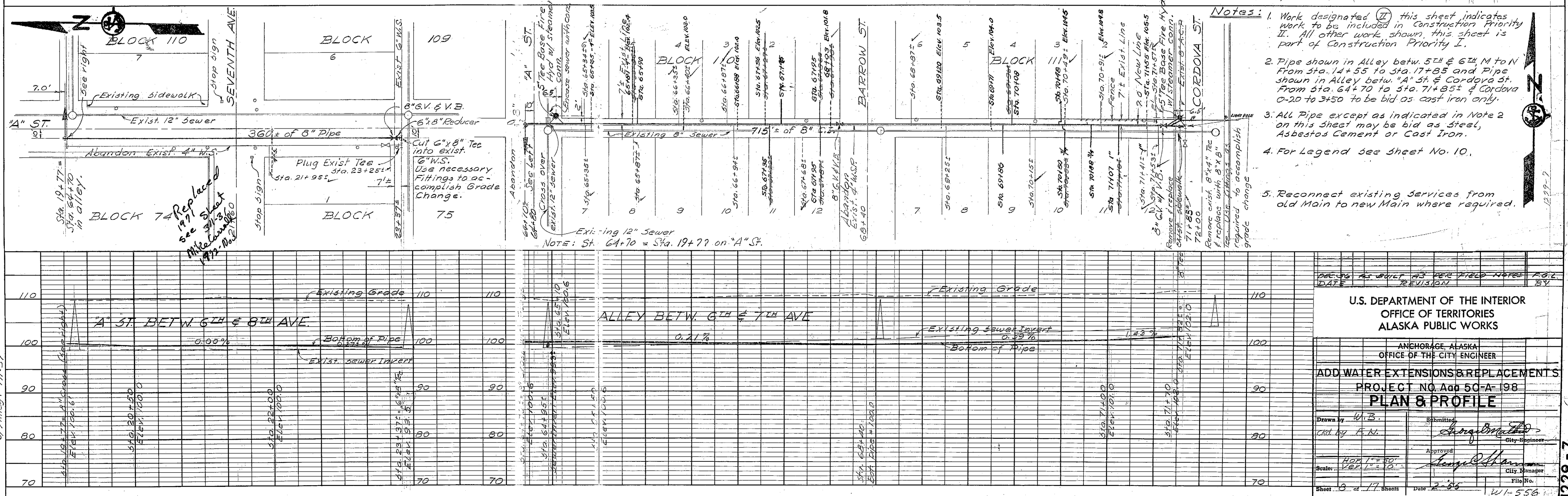
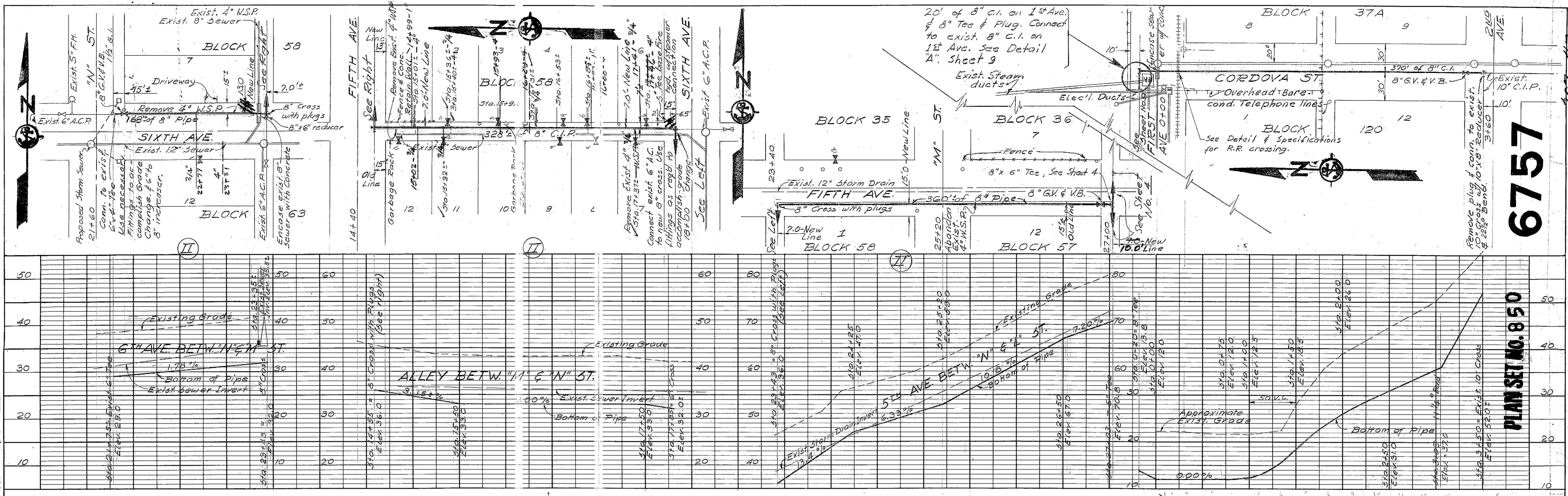


PLAN	DATE
NO.	
BY	
CHECKED	
DATE	

674 181-33  
 675 165-53  
 676 165-51  
 677 189-1

PROFILE	DATE
NO.	
BY	
CHECKED	
DATE	

A St. 171-55  
 678 171-57



- Notes:
1. Work designated (II) this sheet indicates work to be included in construction Priority II. All other work shown this sheet is part of construction Priority I.
  2. Pipe shown in Alley between 5th & 6th M to N From Sta. 14+55 to Sta. 17+85 and Pipe shown in Alley between "A" St. & Cordova St. From Sta. 64+70 to Sta. 71+85 & Cordova 0-20 to 3+50 to be bid as cast iron only.
  3. All Pipe except as indicated in Note 2 on this sheet may be bid as Steel, Asbestos Cement or Cast Iron.
  4. For Legend see Sheet No. 10.
  5. Reconnect existing services from old Main to new Main where required.

U.S. DEPARTMENT OF THE INTERIOR  
 OFFICE OF TERRITORIES  
 ALASKA PUBLIC WORKS

ANCHORAGE, ALASKA  
 OFFICE OF THE CITY ENGINEER

ADD WATER EXTENSIONS & REPLACEMENTS  
 PROJECT NO. Add 50-A-198  
**PLAN & PROFILE**

Drawn by W.B.  
 CRD. BY F.M.  
 Submitted by [Signature]  
 Approved by [Signature]  
 Scale: HORIZ. 1" = 50'  
 VERT. 1" = 10'  
 Date: 2-28  
 Sheet 3 of 17 Sheets  
 File No. W1-556

6757

PLAN SET NO. 850

302-47

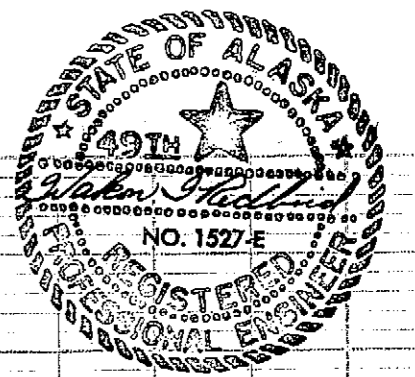
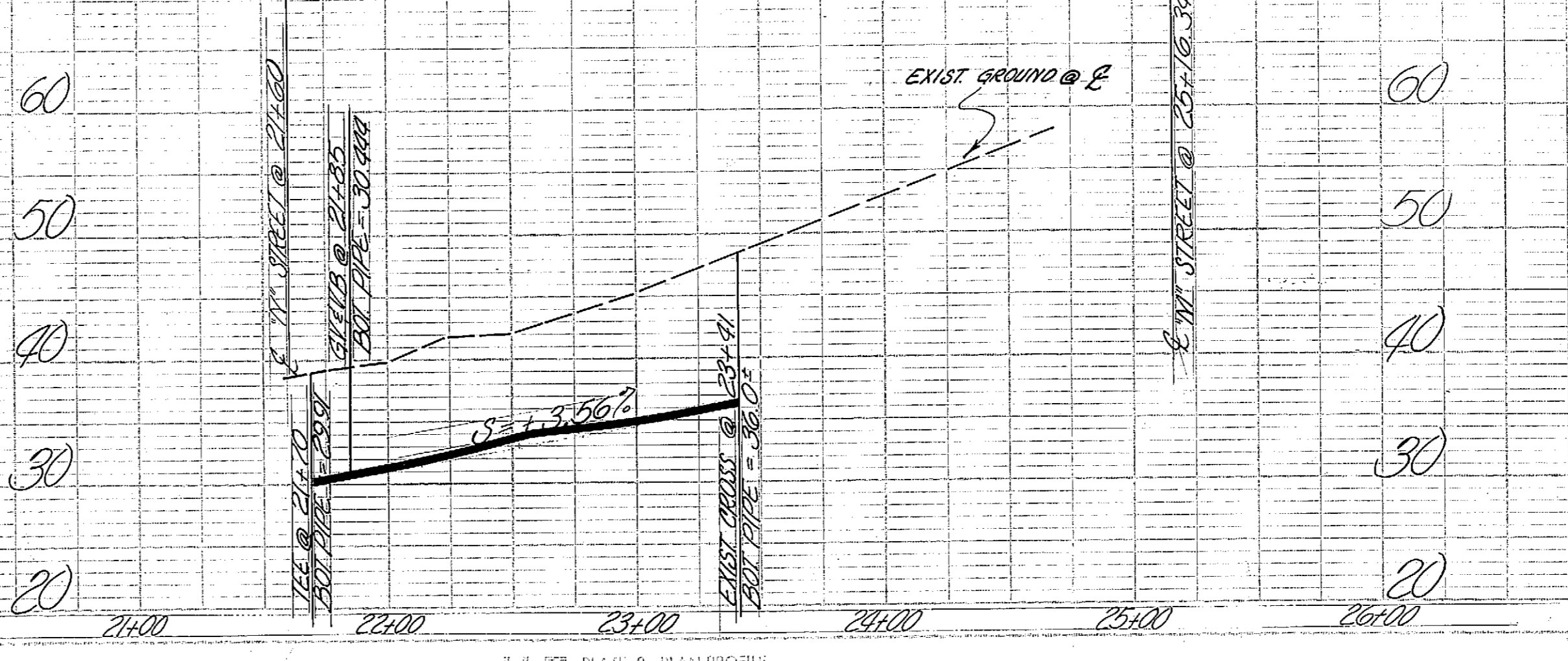
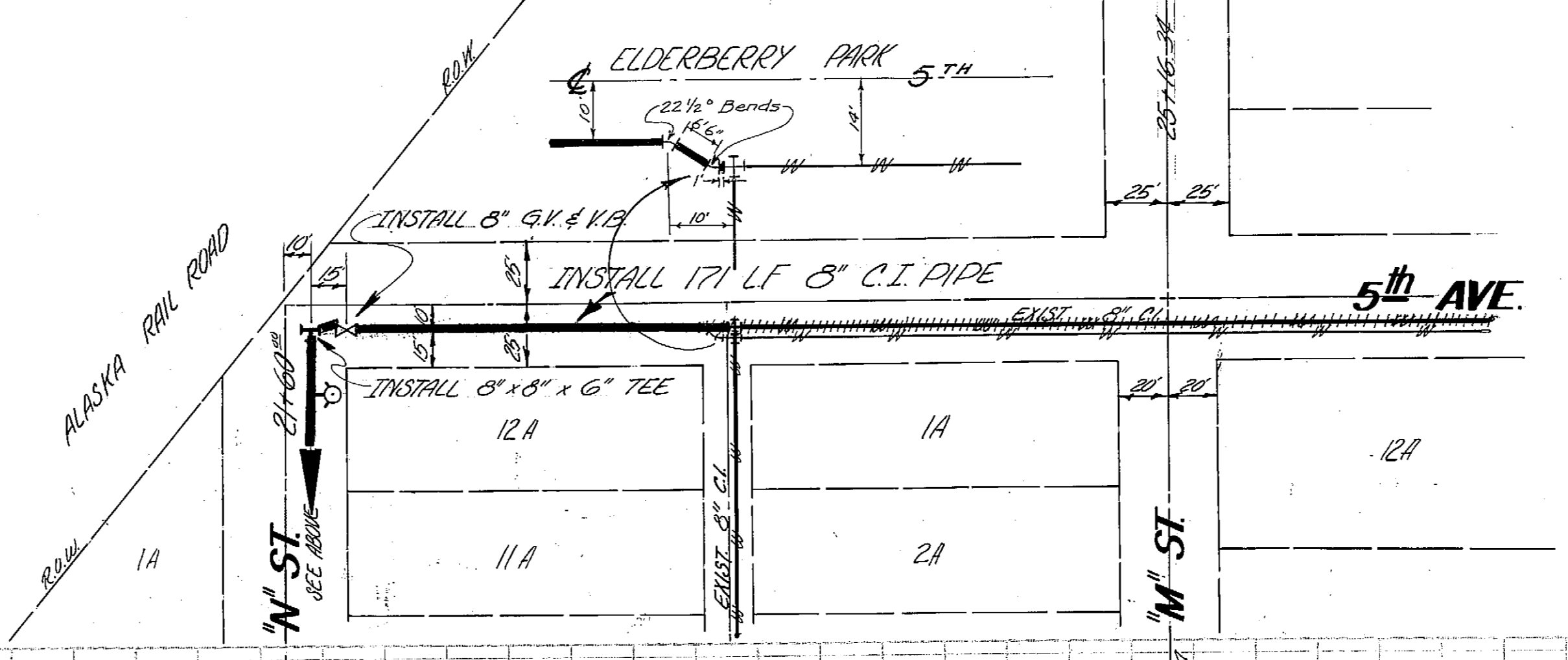
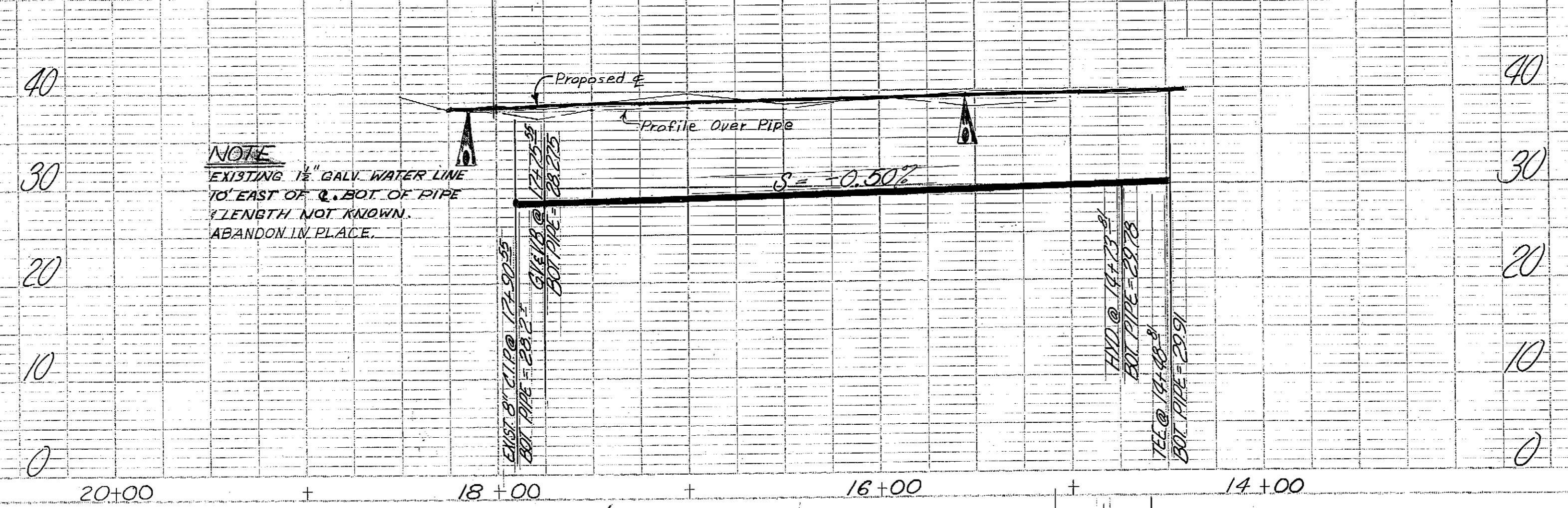
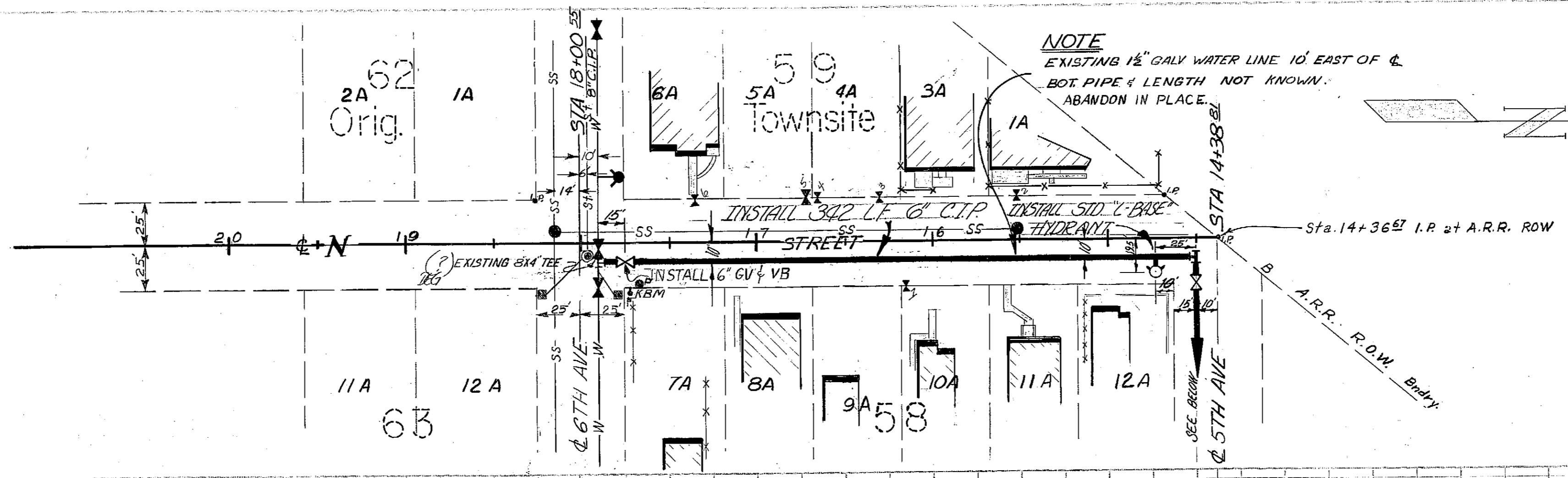
1229-7

PLAN CHECKS	BY
BASIC SHEET	TB
TOPOG	TB
HYDRAUL	TB
SAN. SEWER	TB
STORM SEWER	TB
WATER	TB
GAS	TB
TELEPHONE	TB
ELECTRIC	TB
DESIGN	TB
QUANTITIES	TB

**6758**

PLAN SET No. 2068

300-40

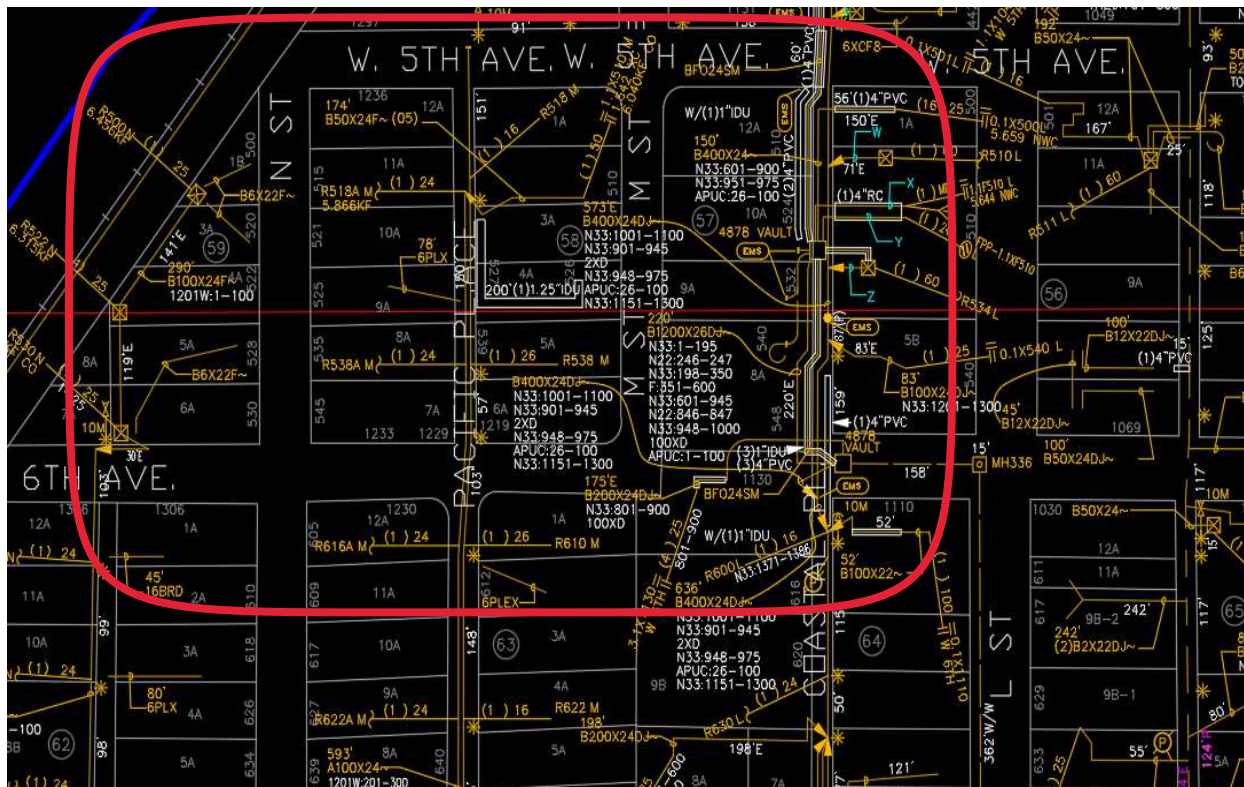


8-4-67 As Built Per Dave LaVines Field Nts.		BY
DATE	REVISION	
DEPARTMENT OF PUBLIC WORKS CITY OF ANCHORAGE, ANCHORAGE, ALASKA		
1967 WATER IMPROVEMENTS-FORCE ACCT.		
Water Utility Manager		
Director Public Works		
DESIGNED BY: F. G. 1967		
CHK. BY: JES		
DATE: APRIL 14-67		
SCALE: HORIZ 1"=50'	FILE NO.	
VERT 1"=10'	300-40	
SHEET 1 OF 1		
4343-7112		

1229-8

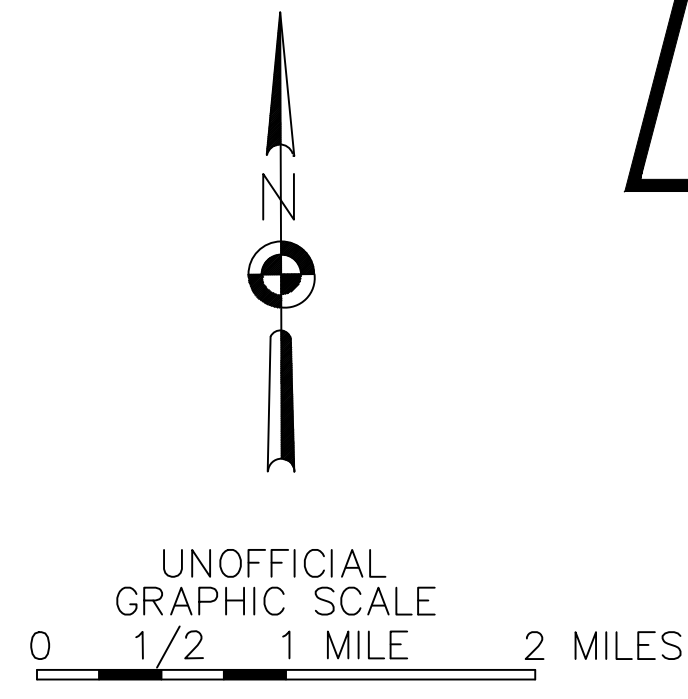
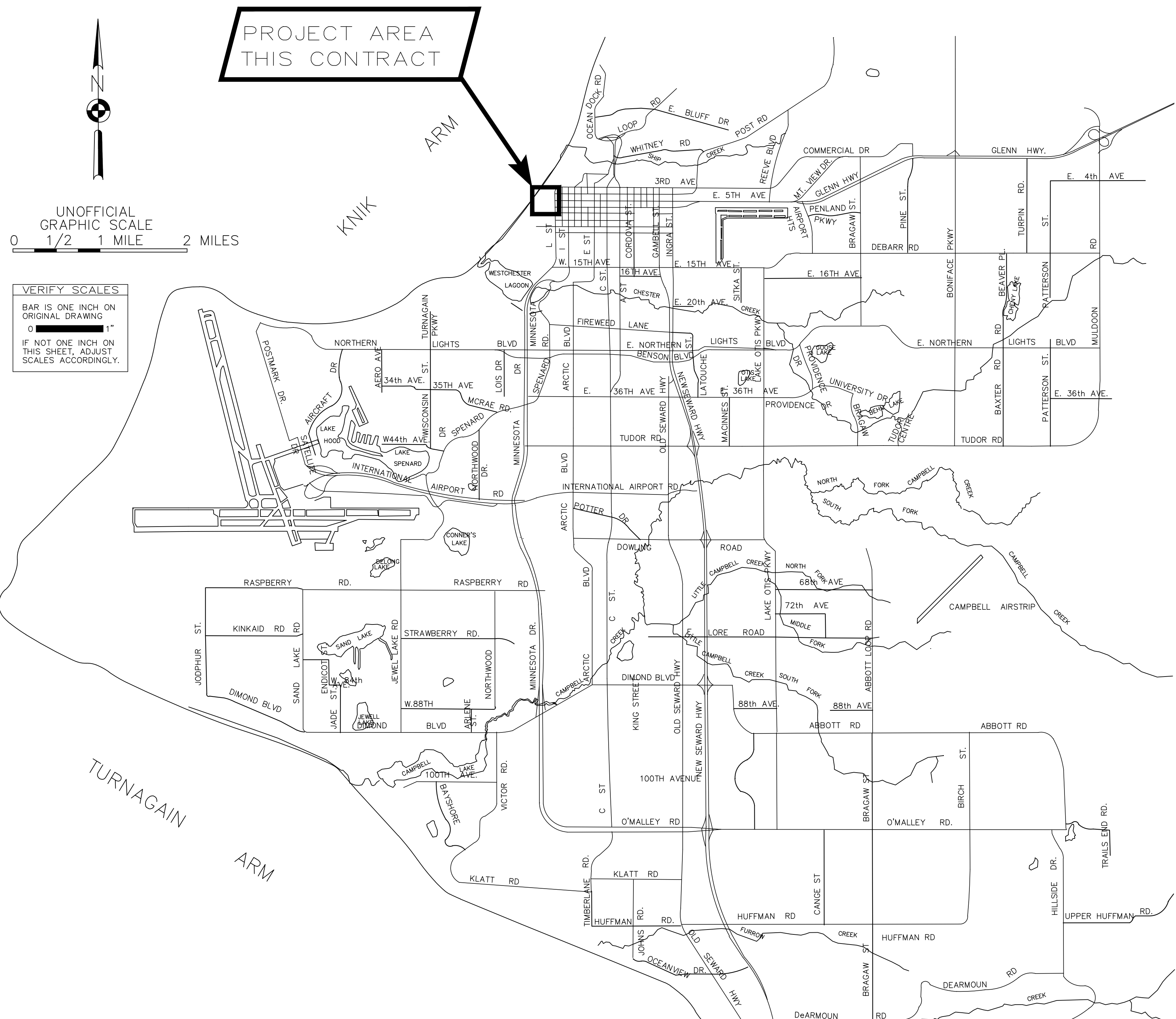
1229-8



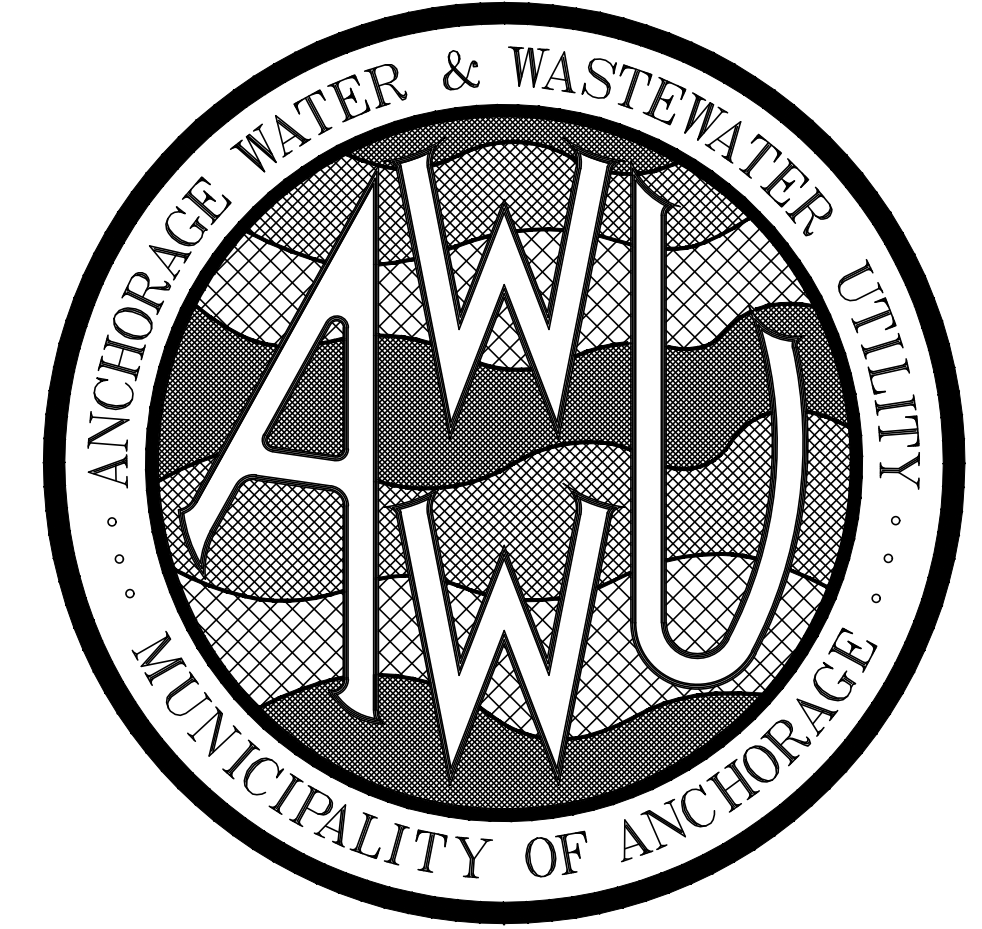


**LOCATION: W 5TH AVE. ST. & PACIFIC PLACE  
AERIAL COPPER CABLE INSTALLATION**





**VERIFY SCALES**  
 BAR IS ONE INCH ON ORIGINAL DRAWING  
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



AWWU PLAN SET  
 NO. XXXXX

MUNICIPALITY OF ANCHORAGE  
 WATER & WASTEWATER UTILITY  
 M STREET AND 5TH AVENUE  
 SEWER IMPROVEMENTS – PHASE II

AWWU PROJECT ID. WM00169

2022

VICINITY MAP  
 ANCHORAGE, ALASKA

**RECORD DRAWING**

1. DATA PROVIDED  
 BY: \_\_\_\_\_  
 This will serve to certify that these Record Drawings are a true and accurate representation of the project as constructed.  
 CONTRACTOR: \_\_\_\_\_  
 BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 DATE: \_\_\_\_\_

2. DATA TRANSFERRED  
 BY: NAME \_\_\_\_\_  
 COMPANY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

3. DATA TRANSFER CHECKED  
 Based on periodic field observations by the Engineer (or an individual under his/her direct supervision), the Contractor-provided data appears to represent the project as constructed.  
 BY: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_  
 BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 DATE: \_\_\_\_\_

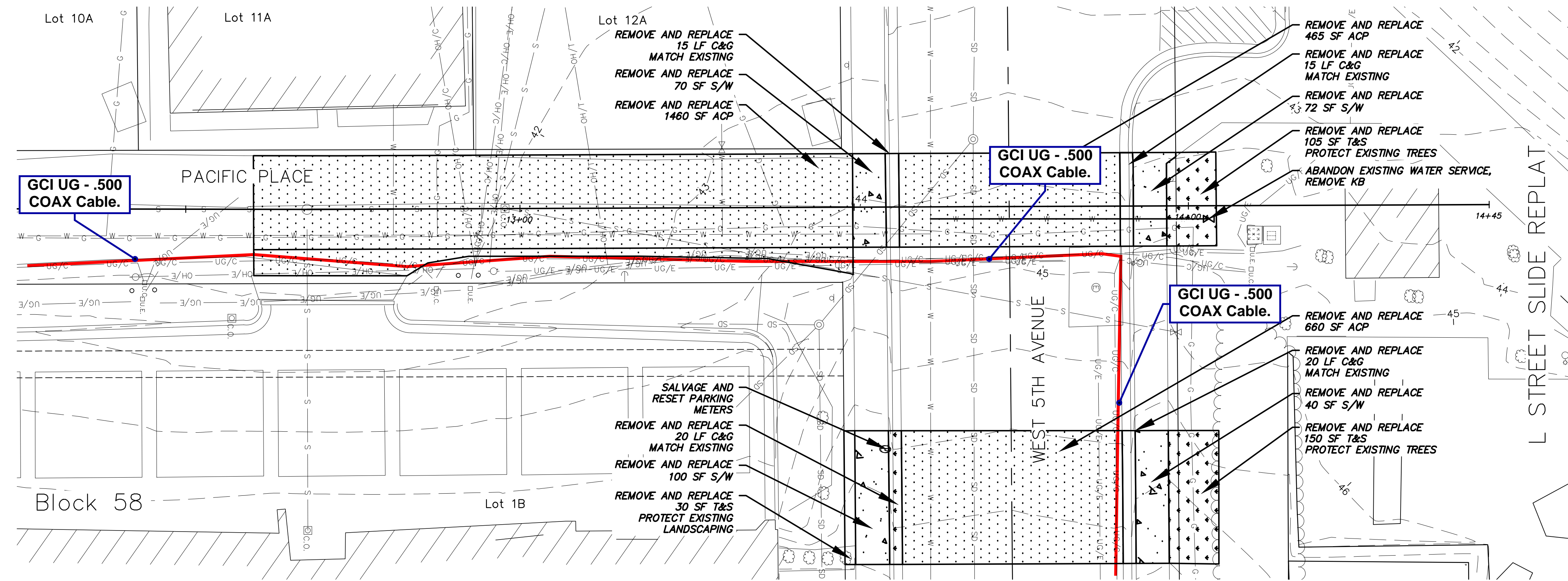
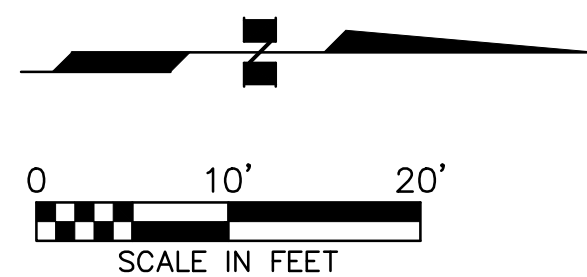
**GCI - Redlines Completed with use of system prints only. No site surveys, no field visits and no locates were done at this time. GCI has underground COAX Cables within the limits of this project along and across the Right of Way. See Sheet 5.**

Mark A Cypher  
 (907) 868-1476  
 mcypher@gci.com  
 01/11/2022



SHEET INDEX	
SHEET NO.	SUBJECT
1	COVER SHEET
2	NOTES, LEGEND, & ABBREVIATIONS
3	SURVEY CONTROL
4	KEY MAPS AND NOTES
5	EXISTING AND DEMOLITION
6	WATER AND SEWER PLAN & PROFILE
7	TYPICAL SECTIONS

ACAD FILE: FILE  
 PLOT SCALE: PLOT  
 PLOT DATE: DATE



DEMOLITION/PROPOSED SCHEDULE

MATERIAL	QUANTITY	NOTES
1. AC PAVEMENT	2,585 SF	REMOVE AND REPLACE EXISTING AC PAVEMENT. SEE TYPICAL SECTION ON SHEET 4.
2. CLEARING AND GRUBBING	- SF	CLEAR AND GRUB EXISTING, REPLACE WITH TOPSOIL AND SEEDING, AS APPROVED BY THE ENGINEER.
3. TOPSOIL AND SEEDING	0.285 MSF	REMOVE AND REPLACE.
4. TREE AND/OR VEGETATION	- LS	REMOVE AND REPLACE TO MATCH EXISTING, AS APPROVED BY THE ENGINEER.
6. CURB AND GUTTER	70 LF	REMOVE AND REPLACE W/ LIKE SIZE, TYPE. MATCH EXISTING.
7. CONCRETE (SIDEWALK)	282 SF	REMOVE AND REPLACE TO MATCH EXISTING CONCRETE STRUCTURAL SECTION. DISPOSAL OF PCC SHALL BE PER 20.07. NEW PCC SHALL BE PER 30.03.

TEMPORARY CONSTRUCTION PERMIT SCHEDULE

LEGAL DESCRIPTION	PHYSICAL ADDRESS	AREA (SF)	NOTES
L STREET SLIDE PLAT BLK 35 ALL		255	REMOVE EXISTING KB, INSTALL NEW SEWER EXTENDED CONNECTION, INSTALL NEW WATER SERVICE

DEMOLITION NOTES

- CURB & GUTTER SHALL BE SAWCUT AT THE NEAREST JOINT AT OR BEYOND REMOVAL LIMITS OR AS DIRECTED BY THE ENGINEER. SAWCUTTING SHALL BE CONSIDERED INCIDENTAL TO THE RESPECTIVE BID ITEM.
- ALL STOP SIGNS AND STREET NAME SIGNS IN THE PROJECT AREA SHALL BE KEPT OPERATIONAL DURING CONSTRUCTION.
- CONTRACTOR SHALL DELIVER REMOVED SIGN FACES AND ASSOCIATED HARDWARE TO THE MOA TRAFFIC PAINT AND SIGN SHOP. SIGN REMOVAL AND DELIVERY IS INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.
- MAILBOXES SHALL BE REMOVED AND RESET IN ACCORDANCE WITH SECTION 70.17 OF MASS AND TEMPORARY MAILBOXES SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 70.16 OF MASS PRIOR TO THE REMOVAL OF ANY EXISTING MAILBOXES.
- CONTRACTOR SHALL COORDINATE TEMPORARY RELOCATION OF EXISTING PRIVATE IMPROVEMENTS WITH THE ENGINEER AND PROPERTY OWNER PRIOR TO CONSTRUCTION. REMOVAL AND/OR RELOCATION OF EXISTING ITEMS INCLUDING, BUT NOT LIMITED TO PLANTER BEDS, GARDENS, EDGING, FENCING, BOULDERS, RETAINING WALLS, OR OTHER LANDSCAPING FEATURES SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE. UNLESS OTHERWISE SPECIFIED, RELOCATING EXISTING FEATURES WITHIN R.O.W. ONTO PRIVATE PROPERTY SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.
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ACAD FILE: PLOT SCALE: PLOT DATE:

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STATE STORM/STREET LIGHTS 333-2411  
MILITARY PETROLEUM LINES

**RECORD DRAWING** Note: To be filled out on original drawings upon project completion.

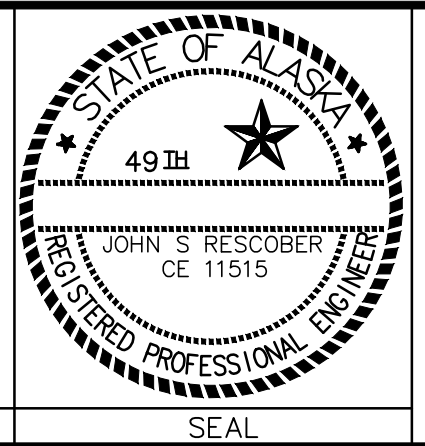
1. DATA PROVIDED BY: \_\_\_\_\_  
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COMPANY: \_\_\_\_\_  
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CONSULTANT



SEAL

MUNICIPALITY OF ANCHORAGE  
WATER & WASTEWATER UTILITY

M STREET AND 5TH AVENUE  
SEWER IMPROVEMENTS - PHASE II

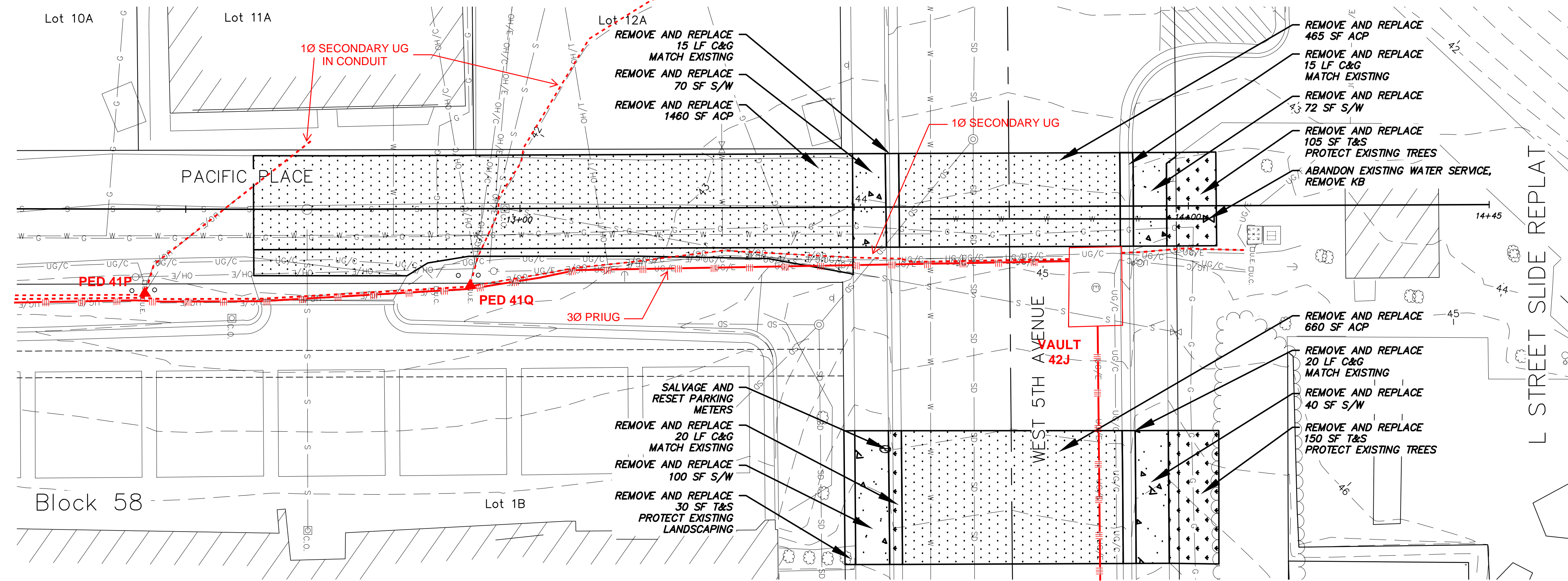
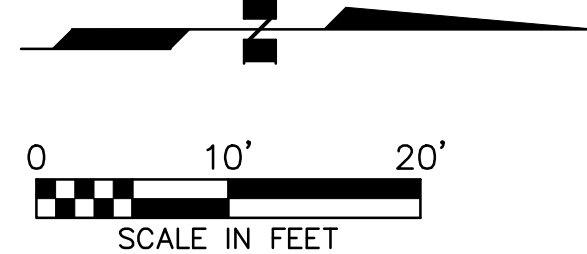
EXISTING AND DEMOLITION

HORIZ SCALE: 1:10  
VERT SCALE: 1:5  
DATE: 2022  
GRID: SW 1229  
PROJ. ID.: WM-00169

SHEET 5 of 7







DEMOLITION/PROPOSED SCHEDULE

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DEMOLITION NOTES

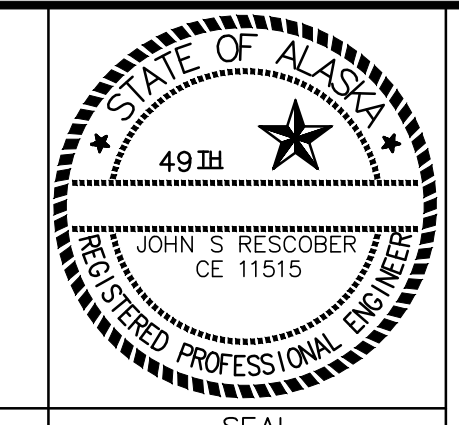
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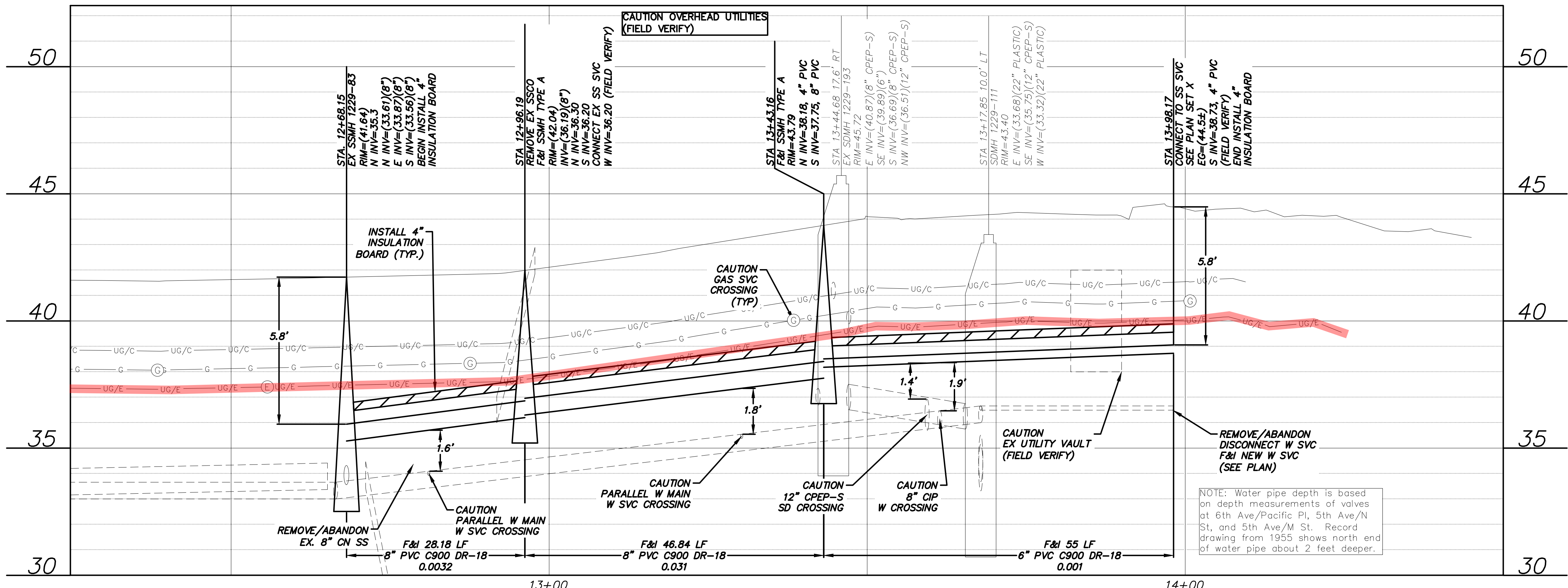
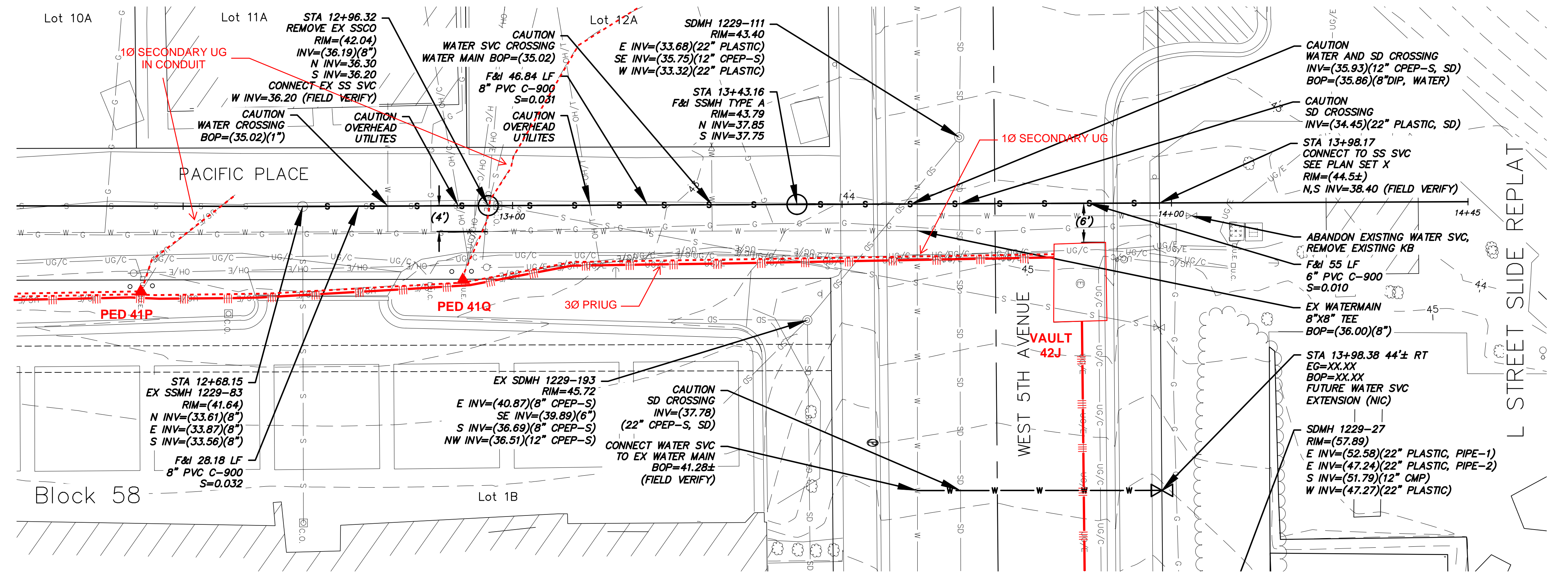
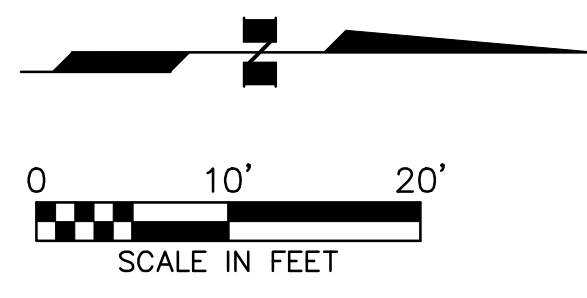
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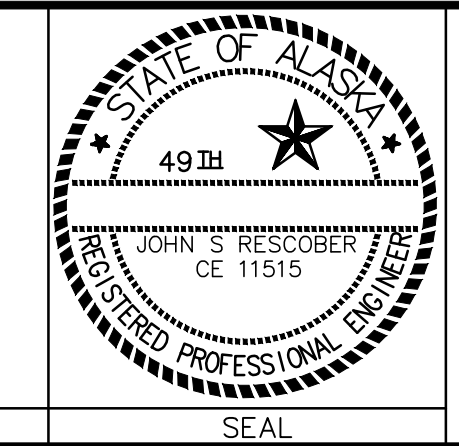
MUNICIPALITY OF ANCHORAGE  
WATER & WASTEWATER UTILITY  
M STREET AND 5TH AVENUE  
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HORZ SCALE: 1:10  
VERT SCALE: 1:5  
DATE: 2022  
GRID: SW 1229  
PROJ. ID.: WM-00169  
SHEET 5 of 7



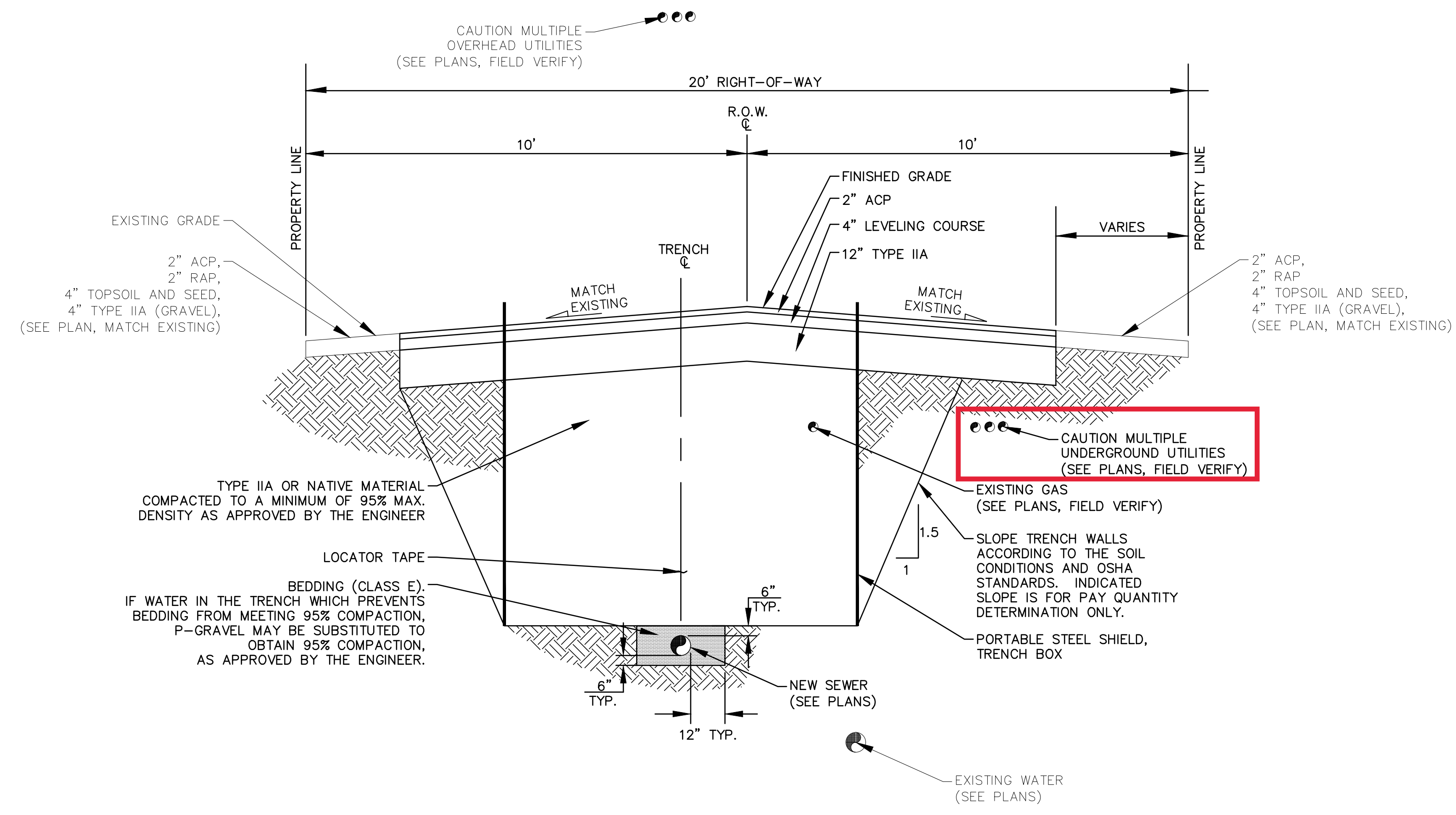
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MUNICIPALITY OF ANCHORAGE  
WATER & WASTEWATER UTILITY  
M STREET AND 5TH AVENUE  
SEWER IMPROVEMENTS - PHASE II  
WATER AND SEWER  
PLAN & PROFILE  
HORZ SCALE: 1"=10'  
VERT SCALE: 1"=5'  
DATE: 2022  
GRID: SW 1229  
PROJ. ID.: WM-00169  
SHEET 6 of 7



ROAD RECONSTRUCTION  
TYPICAL TRENCH DETAIL  
N.T.S.

ROAD RECONSTRUCTION NOTES

1. TRENCH EXCAVATION AND SHORING SHALL COMPLY WITH ALL LOCAL, STATE, AND OSHA REGULATIONS AND REQUIREMENTS, PROVIDE TRENCH SHORING AS NEEDED TO SUPPORT EXCAVATION AND STAY WITHIN THE ROW AND TEMPORARY CONSTRUCTION PERMITS, INDICATED SLOPE IS FOR PAY LIMITS ONLY AND THE CONTRACTOR SHALL USE A TRENCH BOX TO MINIMIZE THE IMPACTS TO ADJACENT EXISTING AMENITIES.
2. IN PREPARATION FOR AND IMMEDIATELY PRIOR TO PAVING, CONTRACTOR SHALL SAW CUT AND REMOVE AN ADDITIONAL 12-INCHES BEYOND THE DISTURBED, EXISTING PAVEMENT EDGE. THE ENGINEER MAY REQUIRE MORE THAN A 12-INCH ADDITIONAL CUT IF THE PAVEMENT HAS BEEN LIFTED IN THE REMOVAL PROCESS, IF THE JOINT DOES NOT OCCUR ON UNDISTURBED MATERIAL, OR IF THE JOINT IS LOCATED WITHIN THE TRAVEL LANE. CUTS MAY BE MADE WITH A SAW AND SHALL BE SMOOTH AND STRAIGHT.
3. THE CONTRACTOR SHALL TACK COAT ALL EDGES OF AC PAVEMENT CUT PRIOR TO PLACEMENT OF NEW AC PAVEMENT.
4. THE HORIZONTAL AND VERTICAL LOCATION OF BURIED WATER, UNDERGROUND GAS AND ELECTRICAL UTILITY LOCATIONS ARE BASED UPON FIELD LOCATES WITH AN ASSUMED DEPTH OF BURIAL. THE CONTRACTOR SHALL CALL FOR FIELD LOCATES TO VERIFY ALL UTILITY LOCATIONS.
5. CONTRACTOR SHALL RE-GRADE EXISTING SURFACE TO PROVIDE A FIRM UN-YIELDING SURFACE PRIOR TO PLACEMENT OF SPECIFIED MATERIAL PER THE RECONSTRUCTION DETAILS.
6. THE CONTRACTOR SHALL SUBMIT AN EXCAVATION AND DEWATERING PLAN DESCRIBING THE METHODS AND SEQUENCING FOR EXCAVATION AND DEWATERING ACTIVITIES.
7. REMOVE AND PROPERLY DISPOSE OF ALL ORGANIC MATERIALS IN ACCORDANCE WITH MASS.
8. FINISH GRADE OVER PIPE SHALL MATCH EXISTING GRADE (FINISH GRADE IS THE SAME AS EXISTING GRADE), UNLESS OTHERWISE PROPOSED WITHIN THESE CONTRACT DOCUMENTS OR AS DIRECTED BY THE ENGINEER. FINISH GRADE SHALL HAVE POSITIVE DRAINAGE AWAY FROM STRUCTURES AND PROMOTE ADEQUATE DRAINAGE OF THE PROJECT AREA AS APPROVED BY THE ENGINEER.
9. EXISTING UTILITY LINES ARE LOCATED ALONG THE NEW WATER LINE. CONTRACTOR SHALL COORDINATE WITH THE APPROPRIATE UTILITY COMPANY AND SHALL SHORE, MOVE AND REPLACE OR PROTECT AS NECESSARY. ALL RELATED COST SHALL BE INCIDENTAL TO THE TENCH WORK.
10. GENERALLY MATCH EXISTING DRIVEWAY GRADES. PROVIDE UNIFORM SURFACES WITH SMOOTH TRANSITIONS AND POSITIVE DRAINAGE TOWARDS THE STREET, AS DIRECTED BY THE ENGINEER.

ACAD FILE: PLOT SCALE: PLOT DATE:

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MILITARY PETROLEUM LINES

**RECORD DRAWING** Note: To be filled out on original drawings upon project completion.

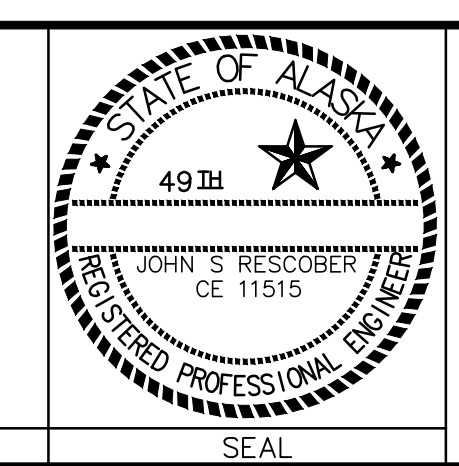
1. DATA PROVIDED BY: \_\_\_\_\_  
This shall serve to certify that these Record Drawings are a true and accurate representation of the project as constructed.  
CONTRACTOR: \_\_\_\_\_  
BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
DATE: \_\_\_\_\_

2. DATA TRANSFERRED BY: \_\_\_\_\_  
COMPANY: \_\_\_\_\_  
DATE: \_\_\_\_\_

3. Based on periodic field observations by the Engineer (or an individual under his/her direct supervision), the Contractor-provided data appears to represent the project as constructed.  
DATA TRANSFER CHECKED BY: \_\_\_\_\_  
COMPANY: \_\_\_\_\_  
BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
DATE: \_\_\_\_\_

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MUNICIPALITY OF ANCHORAGE  
WATER & WASTEWATER UTILITY

M STREET AND 5TH AVENUE  
SEWER REHABILITATION - PHASE II

TYPICAL SECTIONS

HORIZ SCALE: N/A  
VERT SCALE: N/A  
DATE: 2022  
GRID: SW 1229  
PROJ. ID.: WM00169

CONSULTANT  
SEAL

SHEET 7 of 7