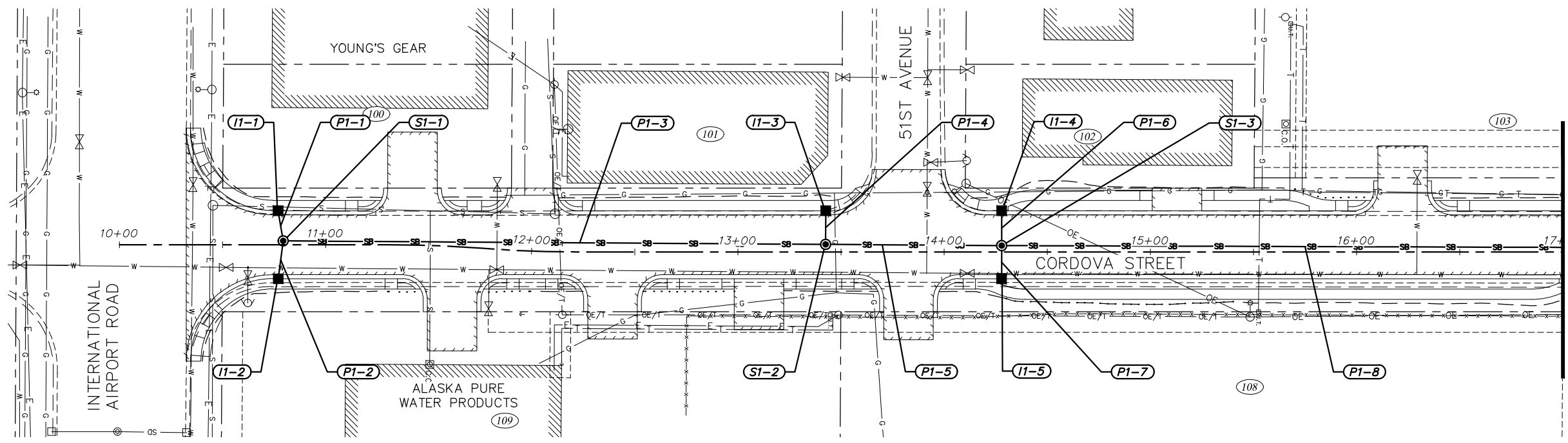


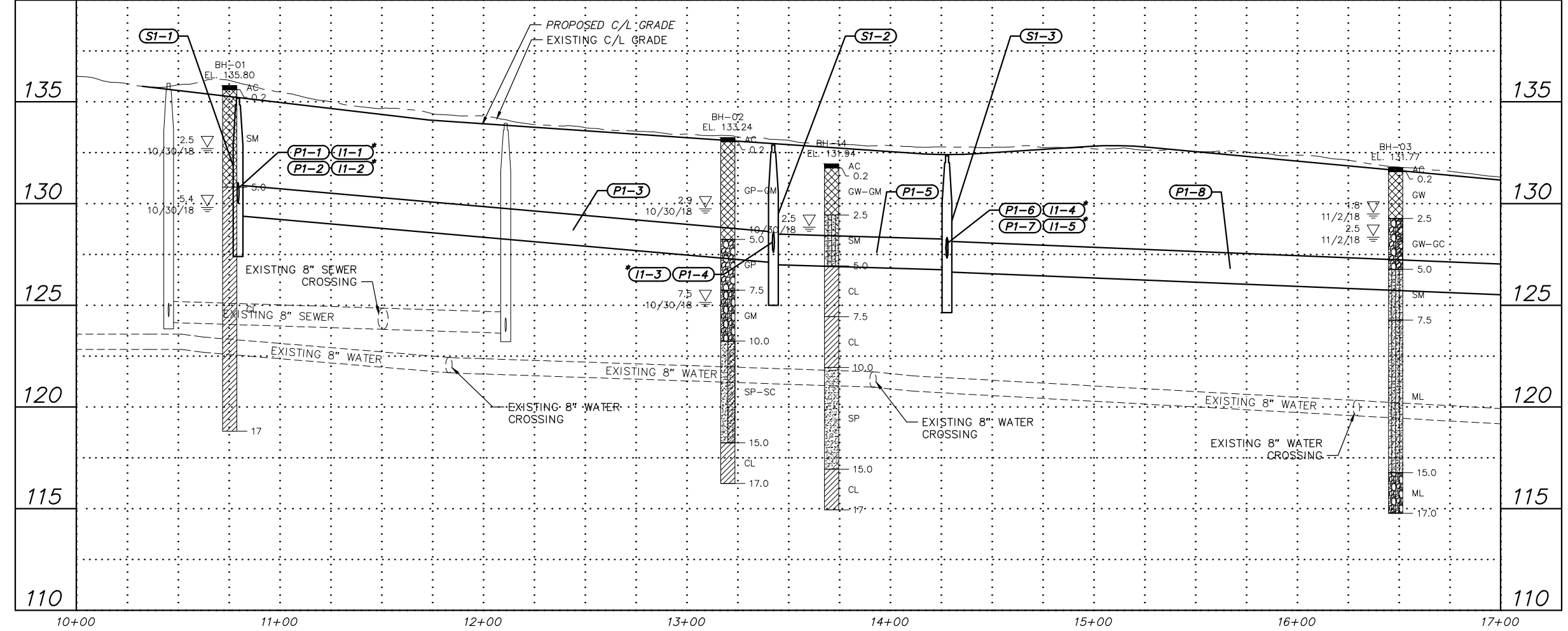
Storm Drain Plan & Profile Drawings

# Appendix C



**NOTES:**  
 1. AN ASTERISK (\*) DENOTES PIPE OR STRUCTURE NOT SHOWN IN PROFILE FOR CLARITY.

ALTERNATIVE #2



File: s:\jobdata\10143.00\_48th Ave And Cordova St Reconstruction\00\_CADD\01\_Civil\10143.00\_Plan And Profile - Storm Drain\_Alt 2.dwg

**RECORD DRAWING**  
 1. DATA PROVIDED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.  
 CONTRACTOR: \_\_\_\_\_ DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 2. DATA TRANSFERRED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 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: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_

DATA	DRAWN BY	CHECKED BY
BASE		
TOPOGRAPHY		
PROFILE		
STORM SEWER		
WATER/SANITARY SEWER		
GAS		
TELEPHONE		
ELECTRIC		
DESIGN		
QUANTITIES		
PRELIMINARY/FINAL		
MUNICIPAL/STATE		

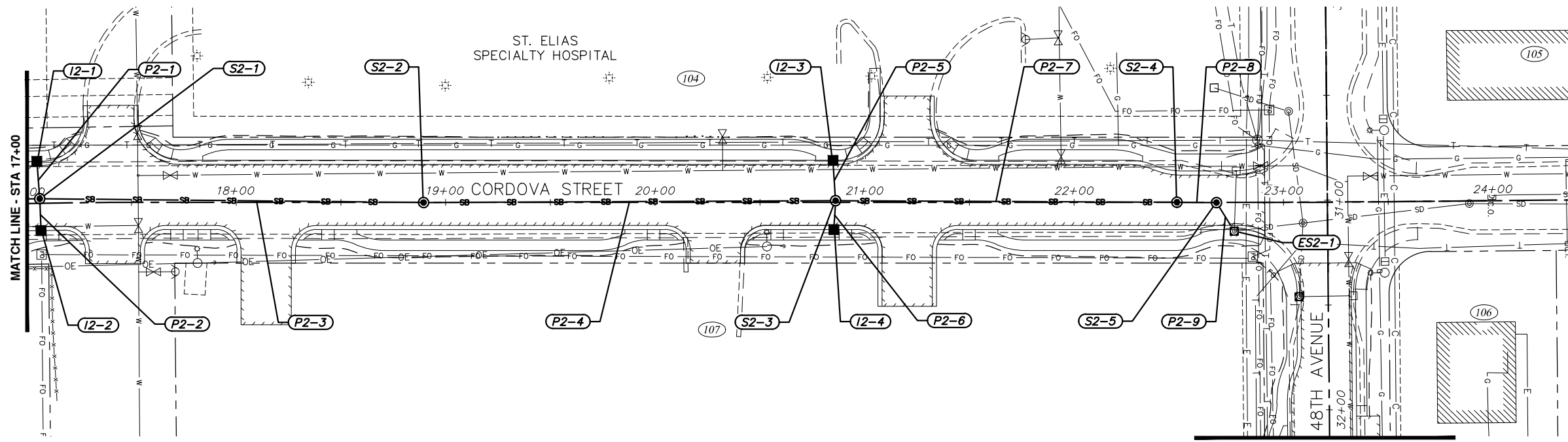
FIELD BOOKS	BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY



CONSULTANT  
 SEAL



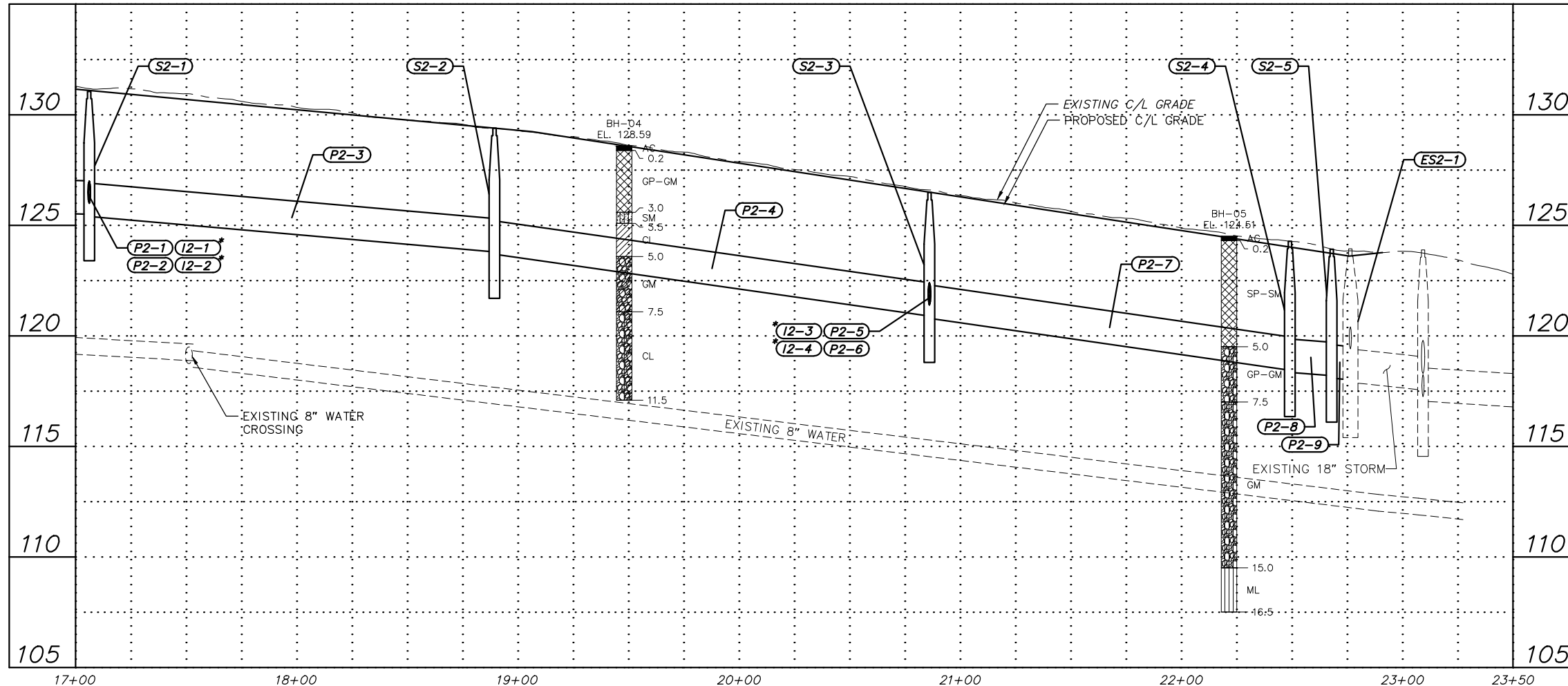
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT  
 06-26 48TH AVENUE & CORDOVA STREET SCHED A  
 RECONSTRUCTION  
**STORM DRAIN PLAN AND PROFILE**  
 CORDOVA STREET  
 BOP TO STA 17+00  
 SCALE HOR. 1"=30' VER. 1"=3'  
 GRID SW#831 DATE JULY 2019 STATUS DSR SHEET C1.1 of C1.5



**NOTES:**  
 1. AN ASTERISK (\*) DENOTES PIPE OR STRUCTURE NOT SHOWN IN PROFILE FOR CLARITY.

ALTERNATIVE #2

SEE SHEET C1.3



File: s:\jobdata\10143.00\_48th Ave And Cordova St Reconstruction\00\_CADD\01\_Civil\10143.00\_Plan And Profile - Storm Drain\_Alt 2.dwg

**RECORD DRAWING**  
 1. DATA PROVIDED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.  
 CONTRACTOR: \_\_\_\_\_ DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 2. DATA TRANSFERRED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_ DATE: \_\_\_\_\_  
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 DATA TRANSFER CHECKED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_

DATA	DRAWN BY	CHECKED BY
BASE		
TOPOGRAPHY		
PROFILE		
STORM SEWER		
WATER/SANITARY SEWER		
GAS		
TELEPHONE		
ELECTRIC		
DESIGN		
QUANTITIES		
PRELIMINARY/FINAL		
MUNICIPAL/STATE		

FIELD BOOKS	BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY

GRAPHIC SCALE: 60 30 0 30 60

**CRW ENGINEERING GROUP LLC**  
 3940 ARCTIC BLVD, SUITE 300  
 ANCHORAGE, ALASKA 99503  
 PHONE: (907) 562-3252  
 #AEL882-AR



**PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT**

06-26 48TH AVENUE & CORDOVA STREET RECONSTRUCTION SCHED A

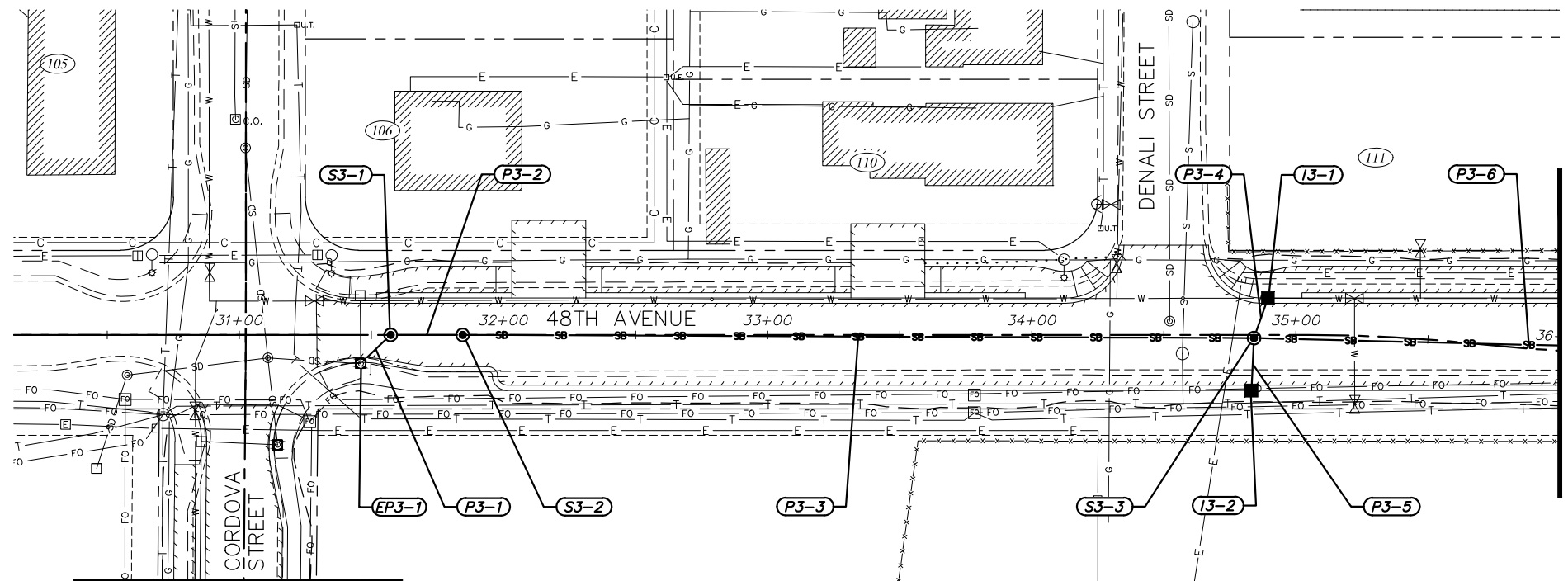
**STORM DRAIN PLAN AND PROFILE**

CORDOVA STREET  
 STA 17+00 TO EOP

SCALE: HOR. 1"=30'  
 VER. 1"=3'

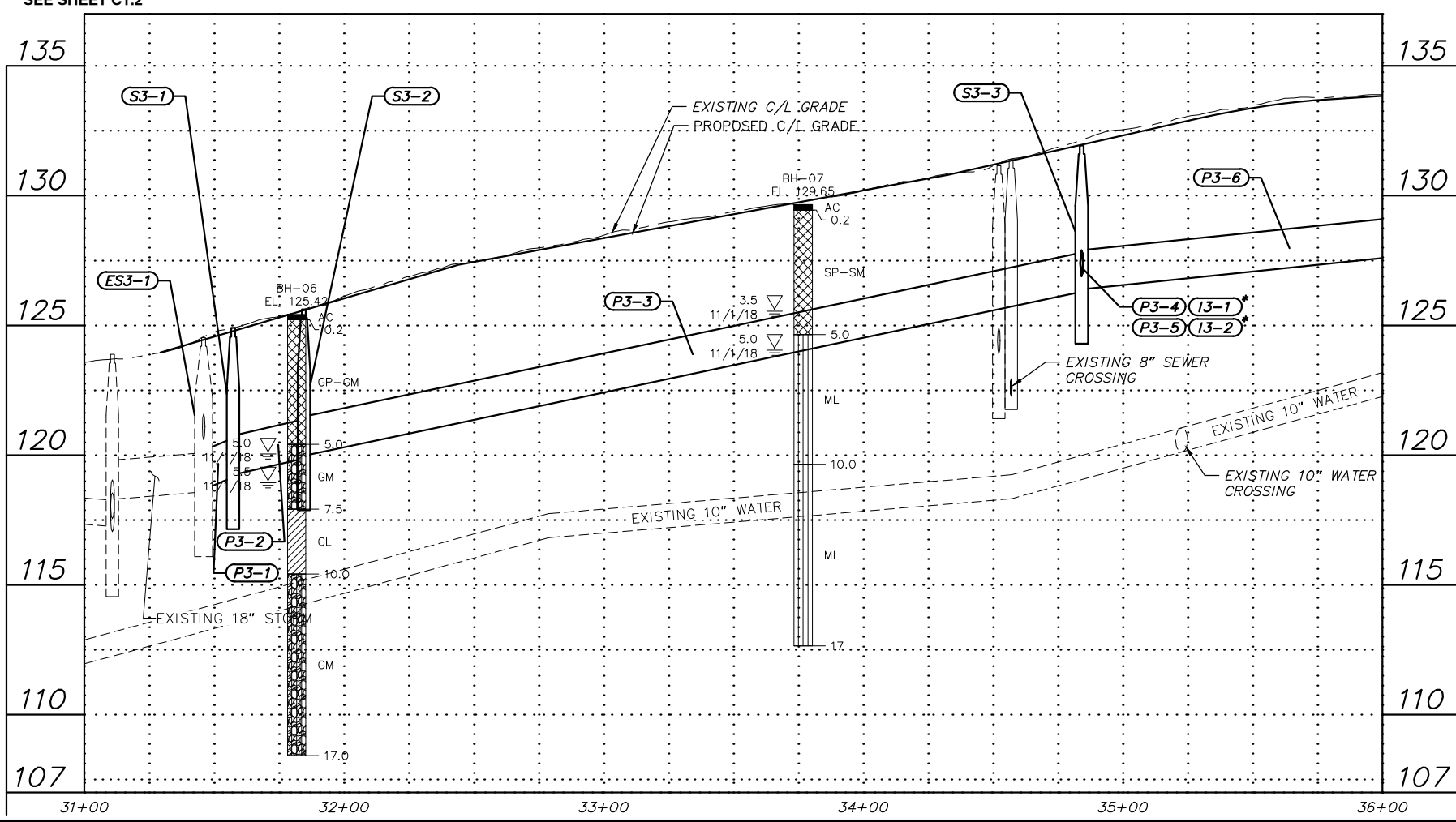
GRID SW831  
 DATE JULY 2019 STATUS DSR

C1.2 of C1.5 SHEET



**NOTES:**  
 1. AN ASTERISK (\*) DENOTES PIPE OR STRUCTURE NOT SHOWN IN PROFILE FOR CLARITY.

**ALTERNATIVE #3**



File: s:\jobdata\10143\_00\_48th Ave And Cordova St Reconstruction\00\_CADD\01\_Civil\10143\_00\_Plan And Profile - Storm Drain\_Alt\_3.dwg

**RECORD DRAWING**  
 1. DATA PROVIDED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 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: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 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: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_

DATA	DRAWN BY	CHECKED BY
BASE		
TOPOGRAPHY		
PROFILE		
STORM SEWER		
WATER/SANITARY SEWER		
GAS		
TELEPHONE		
ELECTRIC		
DESIGN		
QUANTITIES		
PRELIMINARY/FINAL		
MUNICIPAL/STATE		

FIELD BOOKS	BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY

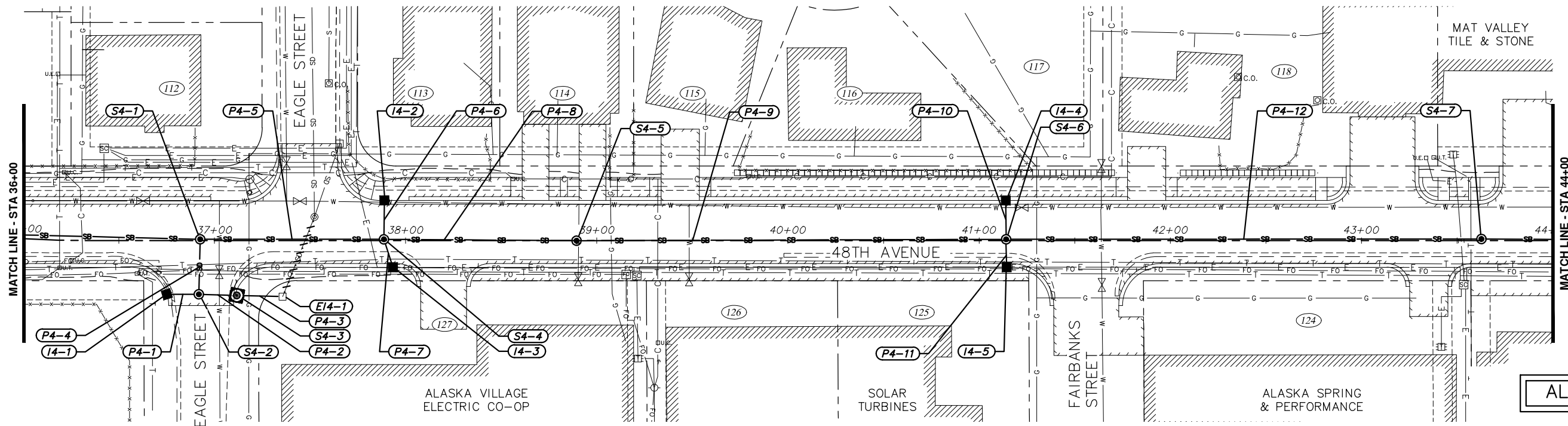
**CRW ENGINEERING GROUP LLC**  
 3940 ARCTIC BLVD, SUITE 300  
 ANCHORAGE, ALASKA 99503  
 PHONE: (907) 562-3252  
 #AECLE882-AR

REVISIONS	CONSULTANT	SEAL



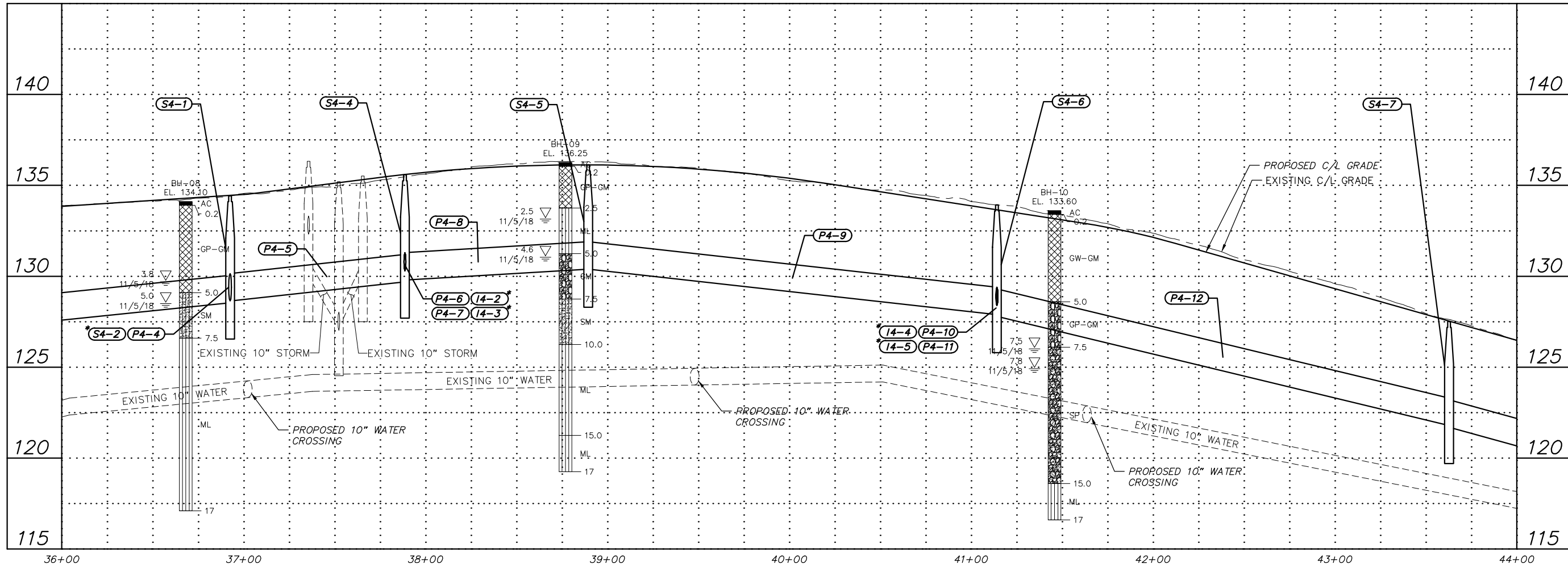
**PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT**  
 06-26 48TH AVENUE & CORDOVA STREET RECONSTRUCTION SCHED A  
**STORM DRAIN PLAN AND PROFILE**  
 48TH AVENUE  
 BOP TO STA 36+00

SCALE HOR. 1"=30'	GRID SW1831	C1.3 of C1.5
VER. 1"=3'	DATE JULY 2019 STATUS DSR	



**NOTES:**  
 1. AN ASTERISK (\*) DENOTES PIPE OR STRUCTURE NOT SHOWN IN PROFILE FOR CLARITY.

**ALTERNATIVE #3**



File: s:\jobdata\10143\_00\_48th Ave And Cordova St Reconstruction\00\_CADD\01\_Civil\10143\_00\_Plan And Profile - Storm Drain\_Alt 3.dwg

**RECORD DRAWING**  
 1. DATA PROVIDED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 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: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_ DATE: \_\_\_\_\_  
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 DATA TRANSFER CHECKED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_

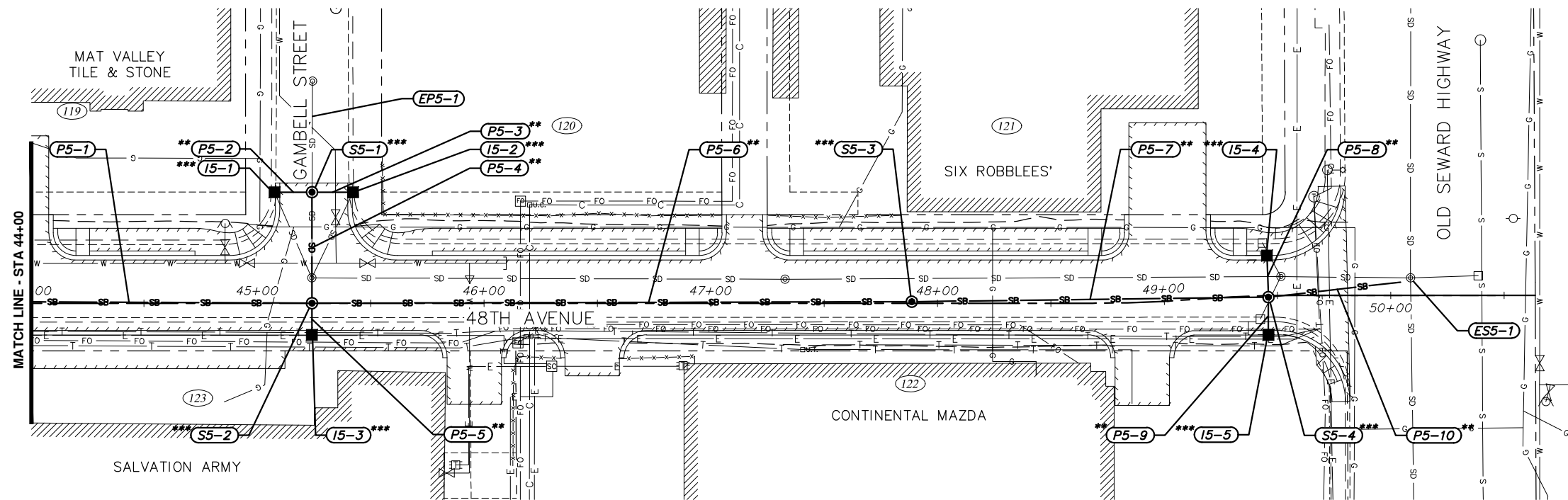
DATA	DRAWN BY	CHECKED BY
BASE		
TOPOGRAPHY		
PROFILE		
STORM SEWER		
WATER/SANITARY SEWER		
GAS		
TELEPHONE		
ELECTRIC		
DESIGN		
QUANTITIES		
PRELIMINARY/FINAL		
MUNICIPAL/STATE		

FIELD BOOKS	BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY

**CRW ENGINEERING GROUP LLC**  
 3940 ARCTIC BLVD, SUITE 300  
 ANCHORAGE, ALASKA 99503  
 PHONE: (907) 562-3252  
 #AEL882-AR

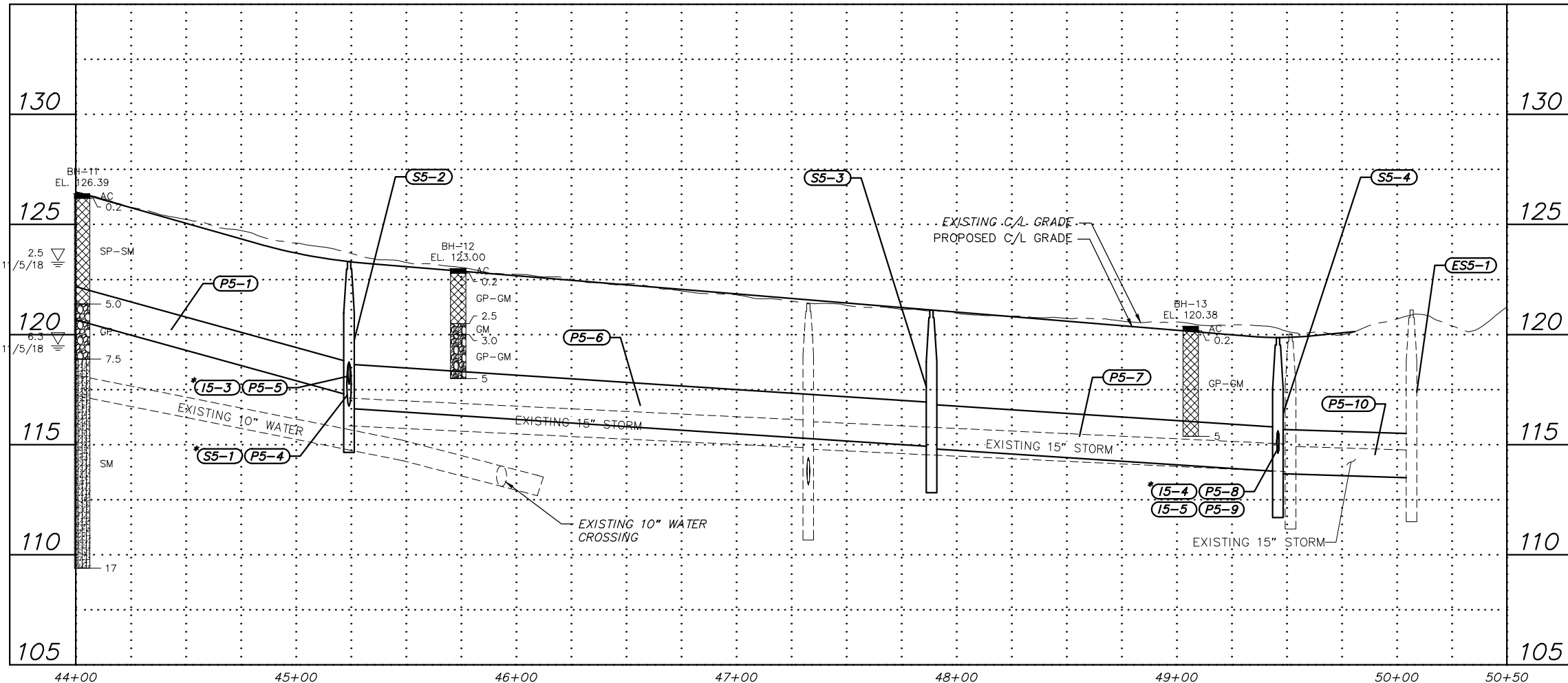


**PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT**  
 06-26 48TH AVENUE & CORDOVA STREET RECONSTRUCTION SCHED A  
**STORM DRAIN PLAN AND PROFILE**  
 48TH AVENUE  
 STA 36+00 TO STA 44+00  
 SCALE HOR. 1"=30' VER. 1"=3'  
 GRID SW831  
 DATE JULY 2019 STATUS DSR  
 SHEET C1.4 of C1.5



- NOTES:**
1. AN ASTERISK (\*) DENOTES PIPE OR STRUCTURE NOT SHOWN IN PROFILE FOR CLARITY.
  2. A DOUBLE ASTERISK (\*\*) IN PLAN VIEW DENOTES PIPE THAT IS CPEP (TYPE S) WITH WATERTIGHT GASKET.
  3. A TRIPLE ASTERISK (\*\*\*) IN PLAN VIEW DENOTES STORM DRAIN STRUCTURE WITH Z-LOK BOOT STYLE CONNECTOR FOR PIPE TO MANHOLE CONNECTION.

**ALTERNATIVE #3**



File: s:\jobdata\10143.00\_48th Ave And Cordova St Reconstruction\00\_CADD\01\_Civil\10143.00\_Plan And Profile - Storm Drain\_Alt 3.dwg

**RECORD DRAWING**

1. DATA PROVIDED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 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: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_ DATE: \_\_\_\_\_

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 COMPANY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_

DATA	DRAWN BY	CHECKED BY
BASE		
TOPOGRAPHY		
PROFILE		
STORM SEWER		
WATER/SANITARY SEWER		
GAS		
TELEPHONE		
ELECTRIC		
DESIGN		
QUANTITIES		
PRELIMINARY/FINAL		
MUNICIPAL/STATE		

FIELD BOOKS	BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY

**CRW ENGINEERING GROUP, LLC**

3940 ARCTIC BLVD, SUITE 300  
 ANCHORAGE, ALASKA 99503  
 PHONE: (907) 562-3252  
 #AEL0882-AK



**PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT**

06-26 48TH AVENUE & CORDOVA STREET RECONSTRUCTION SCHED A

**STORM DRAIN PLAN AND PROFILE**

48TH AVENUE  
 STA 44+00 TO EOP

SCALE: HOR. 1"=30'  
 VER. 1"=3'

GRID SW831  
 DATE JULY 2019 STATUS DSR

C1.5 of C1.5  
 SHEET