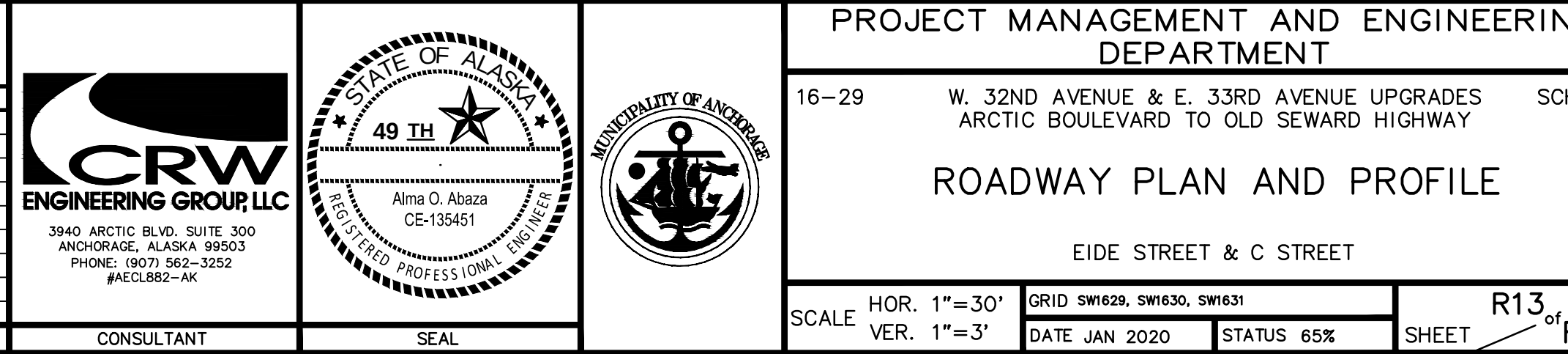
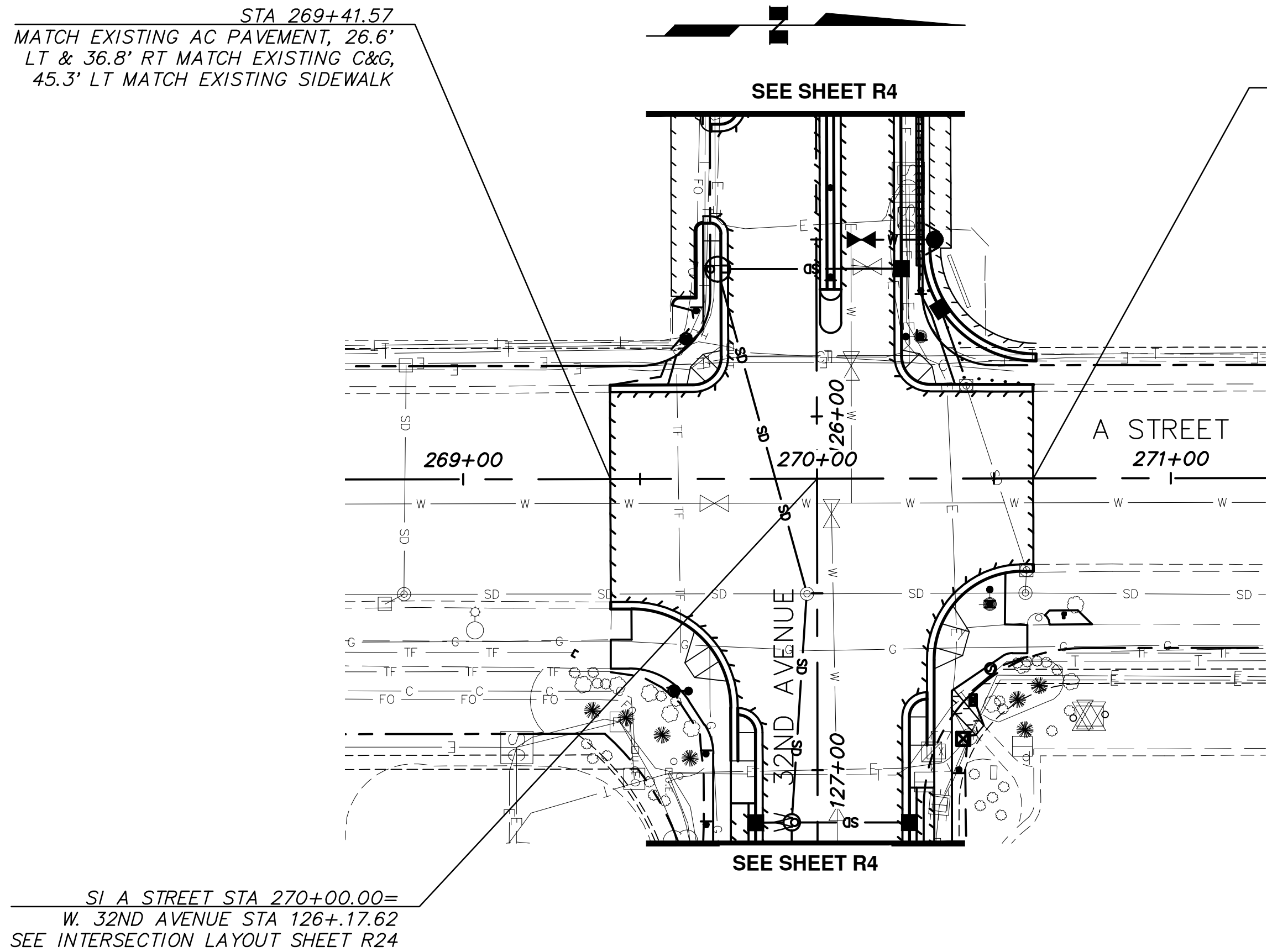


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|--|--------------------------------------|-----------------------------------|--------|-----------|------|-------------|----|--|--|
| FIELD BOOKS | BM NO. | LOCATION | ELEV. | REV | DATE | DESCRIPTION | BY | | |
| FIELD BOOK No. 149, 169, 196 | CB 7D | See MOA Benchmark Book, Page D-56 | 94.77 | | | | | | |
| | CB 7C | See MOA Benchmark Book, Page D-17 | 106.10 | | | | | | |
| | GAAB 86 | See MOA Benchmark Book, Page D-18 | 104.53 | | | | | | |
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| EDITOR | BASIS OF THIS DATUM GAAB 1972 ADJUST | | | | | | | | |
| DR | | | | | | | | | |
| CONSTRUCTION RECORD | VERTICAL DATUM | | | REVISIONS | | | | | |

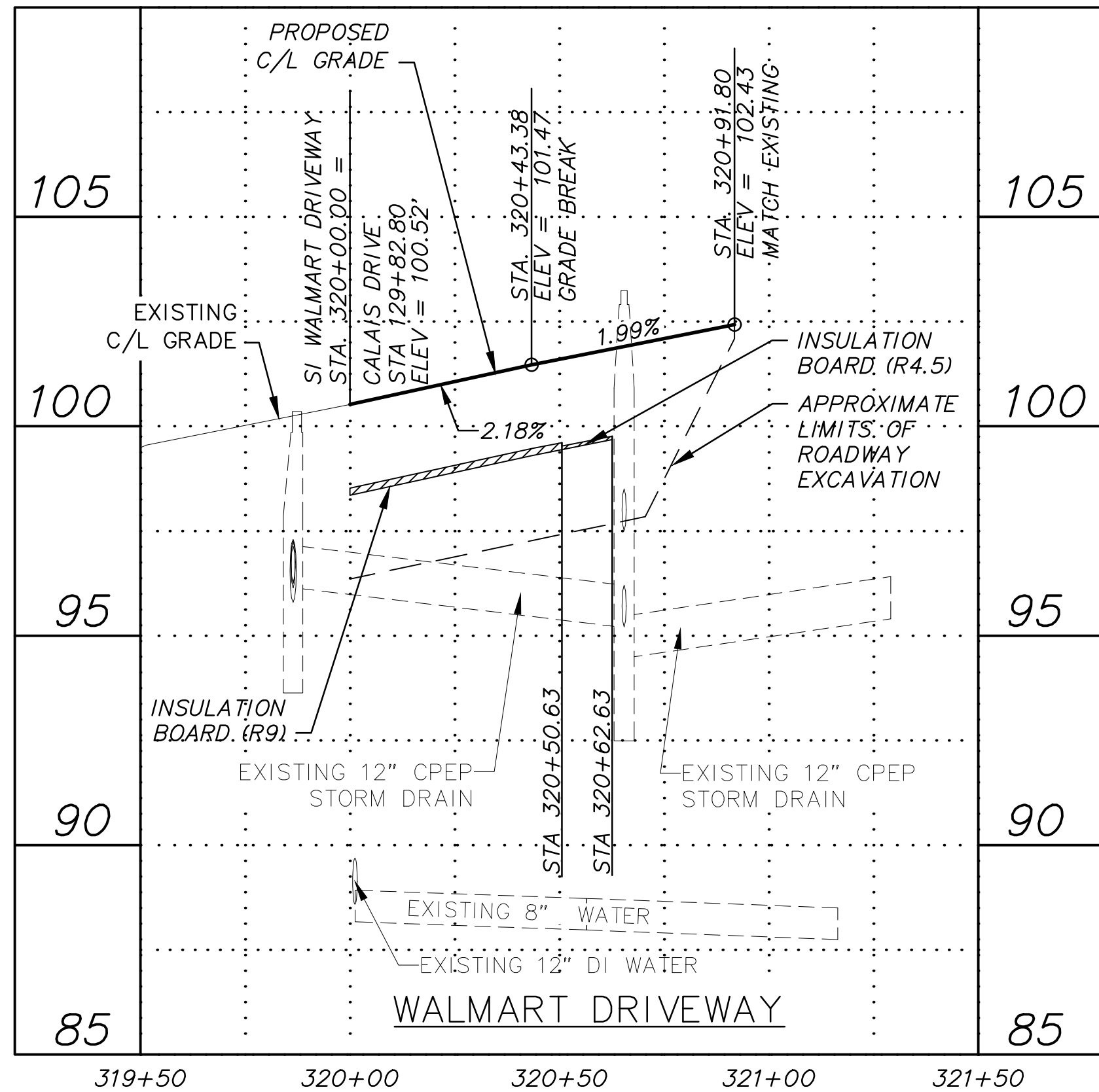
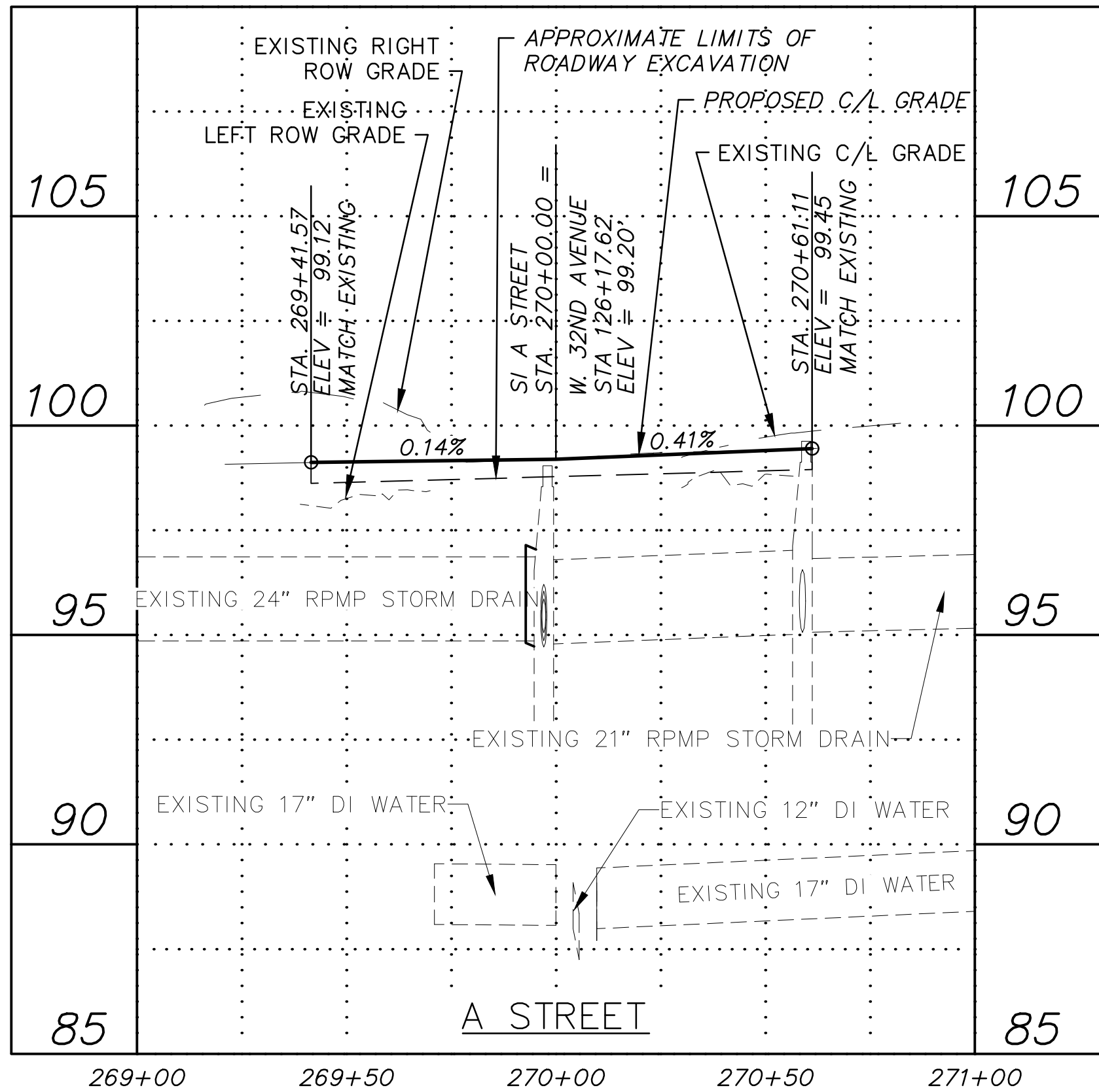
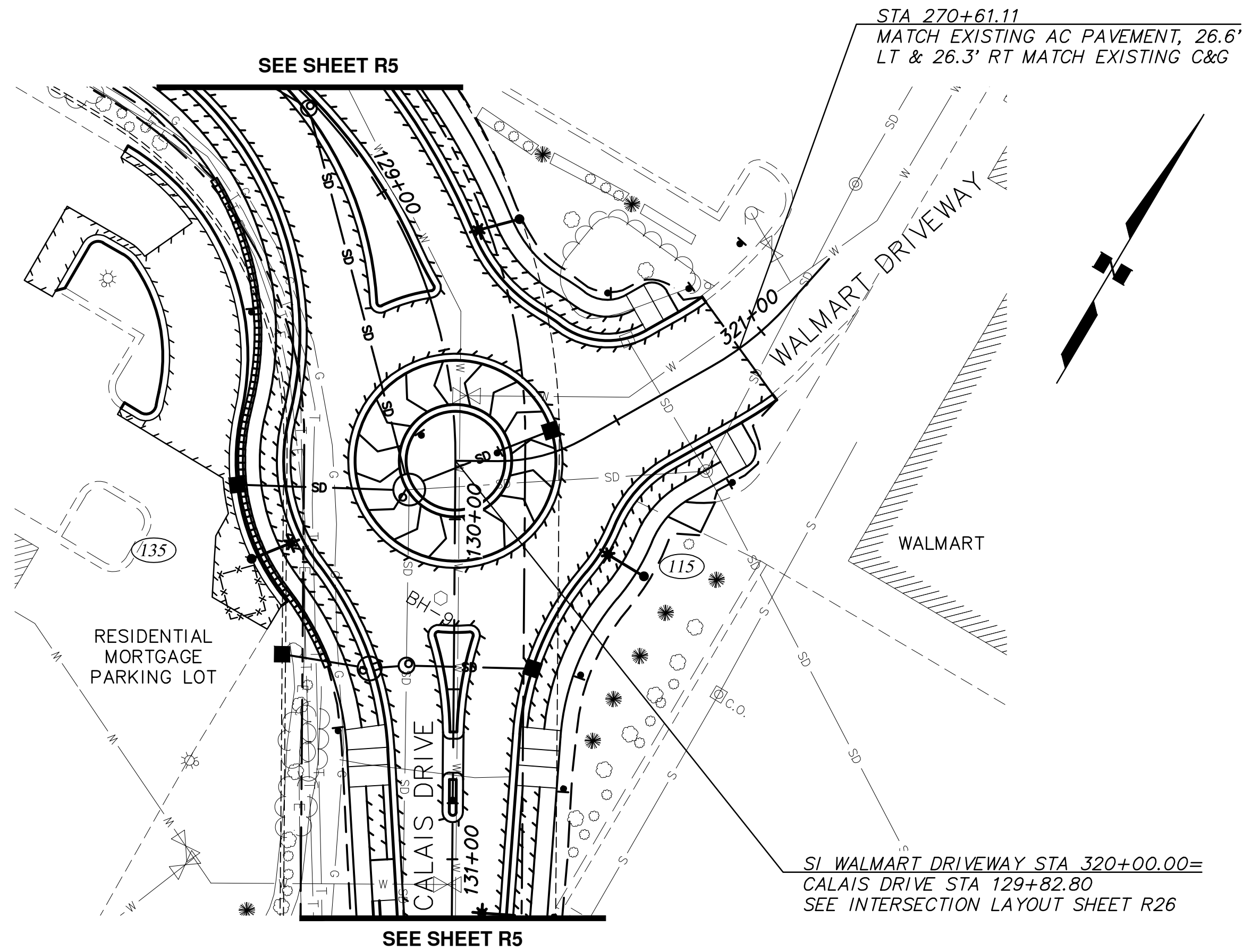


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NOTES:

1. SEE ROADWAY SUMMARY TABLE (T) SHEETS FOR DETAILED ROADWAY INFORMATION.
2. SEE DETAIL (D) SHEETS FOR ROADWAY DETAILS.
3. FOR DETAILED SOILS INFORMATION, SEE THE SPECIFICATIONS.
4. SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS AND ELEVATIONS OF STORM DRAIN PIPES & STRUCTURES.
5. SEE SURVEY CONTROL (V) SHEETS FOR PROJECT CENTERLINE ALIGNMENT DATA.
6. SEE ILLUMINATION (I) SHEETS FOR ROADWAY LIGHTING INFORMATION.
7. THE DEMOLITION ITEMS REMOVED AS SHOWN ON THE DEMOLITION (B) SHEETS ARE NOT SHOWN FOR CLARITY.



RECORD DRAWING

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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: _____

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DATA TRANSFER CHECKED BY: _____ TITLE: _____

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DATA	DRAWN BY	CHECKED BY
BASE	TS	MJ
TOPOGRAPHY	BW	BW
PROFILE	AA	JK
STORM SEWER	MV	JH
WATER/SANITARY SEWER	CB	JK
GAS	CB	JK
TELEPHONE	CB	JK
ELECTRIC	JH	TK
DESIGN	AA	JK
QUANTITIES	AA	JK
PRELIMINARY/FINAL	AA	JK
MUNICIPAL/STATE	AA	JK

FIELD BOOKS	BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY
DESIGN CRW BOOK No. 149, 169, 195 & 196	CB 7D	See MOA Benchmark Book, Page D-56	94.77				
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STAKING	GAAB 86	See MOA Benchmark Book, Page D-18	104.53				

ASBUILT CONTRACTOR INSPECTOR

BASIS OF THIS DATUM GAAB 1972 ADJUST

PLAN CHECK CONSTRUCTION RECORD VERTICAL DATUM REVISIONS

CRW ENGINEERING GROUP LLC

3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECLE882-AK

STATE OF ALASKA
49 TH
REGISTERED PROFESSIONAL ENGINEER
Alma O. Abaza
CE-135451

MUNICIPALITY OF ANCHORAGE

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

16-29 W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY SCHED A

ROADWAY PLAN AND PROFILE

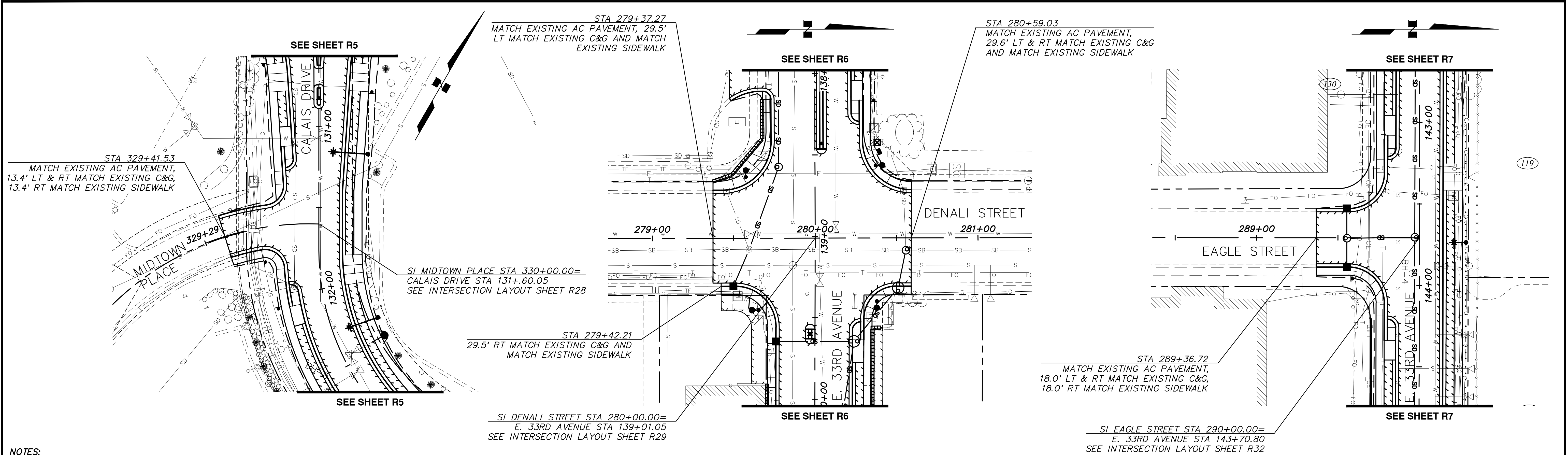
A STREET & WALMART DRIVEWAY

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

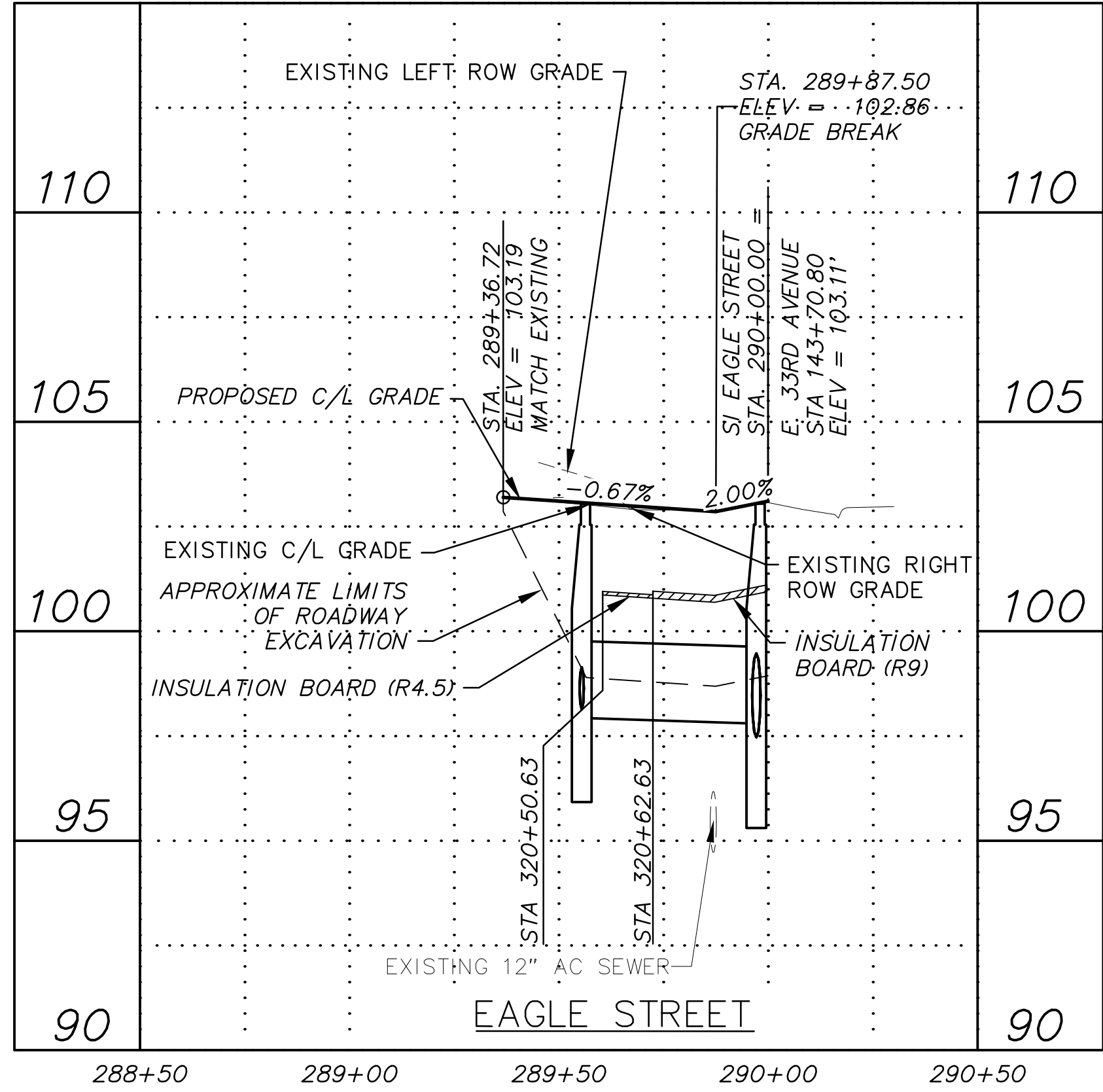
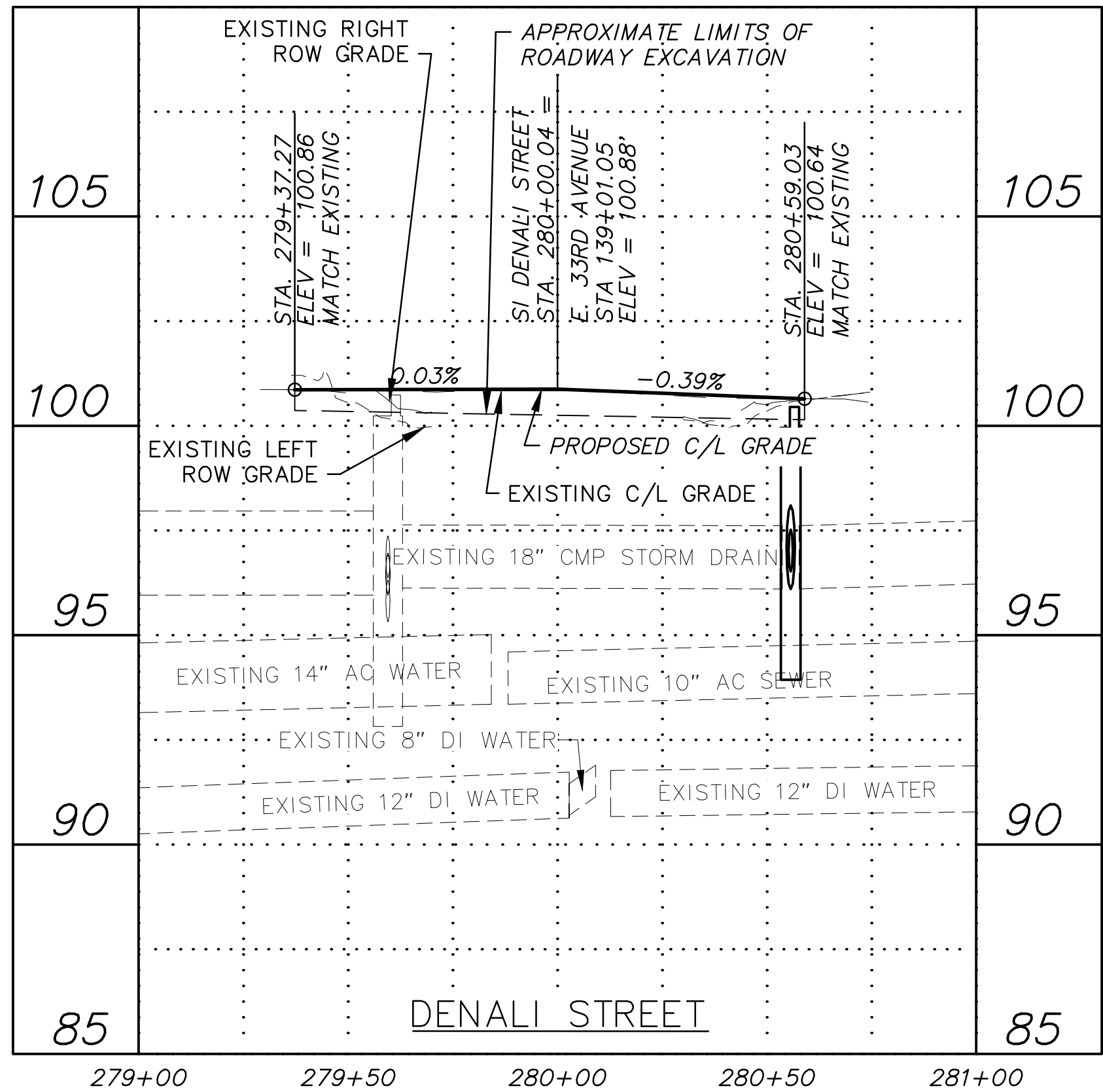
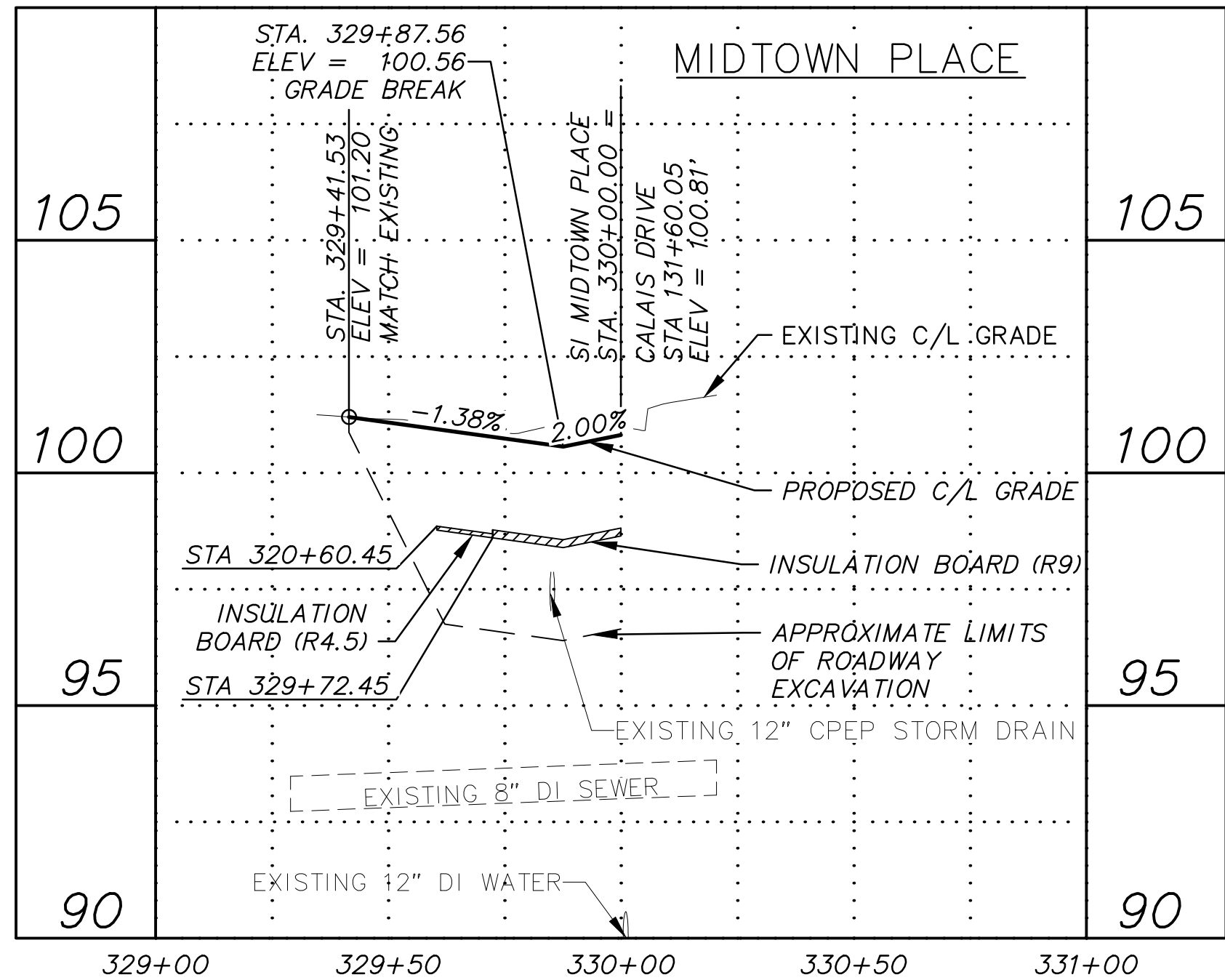
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DATE JAN 2020 STATUS 65% SHEET R14 of R37

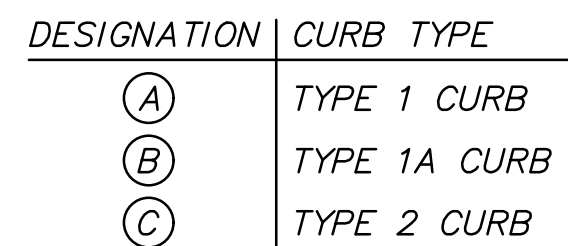
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- NOTES:**
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* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

△ CURB RADIUS TABLE				
POINT	TBC RADIUS POINT		RADIUS (FT)	DESCRIPTION
	STATION	OFFSET (FT)		
A1			5.0	CHEECHAKO STREET
A2			12.0	CHEECHAKO STREET
A3			12.0	CHEECHAKO STREET
A4			5.0	CHEECHAKO STREET

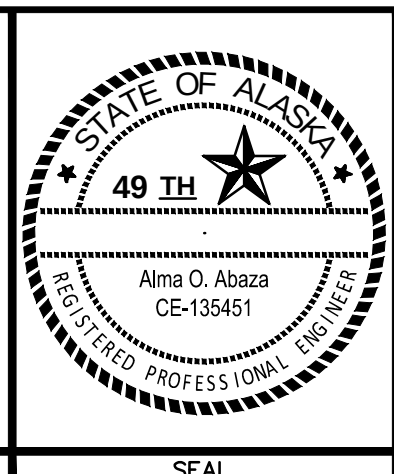
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BASE	TS	MJ											
TOPOGRAPHY	BW	BW											
PROFILE	AA	JK	FIELD BOOKS		BM NO.		LOCATION		ELEV.	REV	DATE	DESCRIPTION	BY
STORM SEWER	MV	JH	DESIGN CRW BOOK No. 149, 169,		CB 7D	See MOA Benchmark Book, Page D-56		94.77					
WATER/SANITARY SEWER	CB	JK	195 & 196		CB 7C	See MOA Benchmark Book, Page D-17		106.10					
	CB	JK	STAKING		GAAB 88	See MOA Benchmark Book, Page D-18		104.53					
TELEPHONE	CB	JK											
ELECTRIC	JH	TK											
DESIGN	AA	JK	ASBUILT										
QUANTITIES	AA	JK	CONTRACTOR		BASIS OF THIS DATUM GAAB 1972 ADJUST								
PRELIMINARY/FINAL	AA	JK	INSPECTOR										
MUNICIPAL/STATE	AA	JK											
PLAN CHECK			CONSTRUCTION RECORD				VERTICAL DATUM			REVISIONS			



CRW
ENGINEERING GROUP, LLC

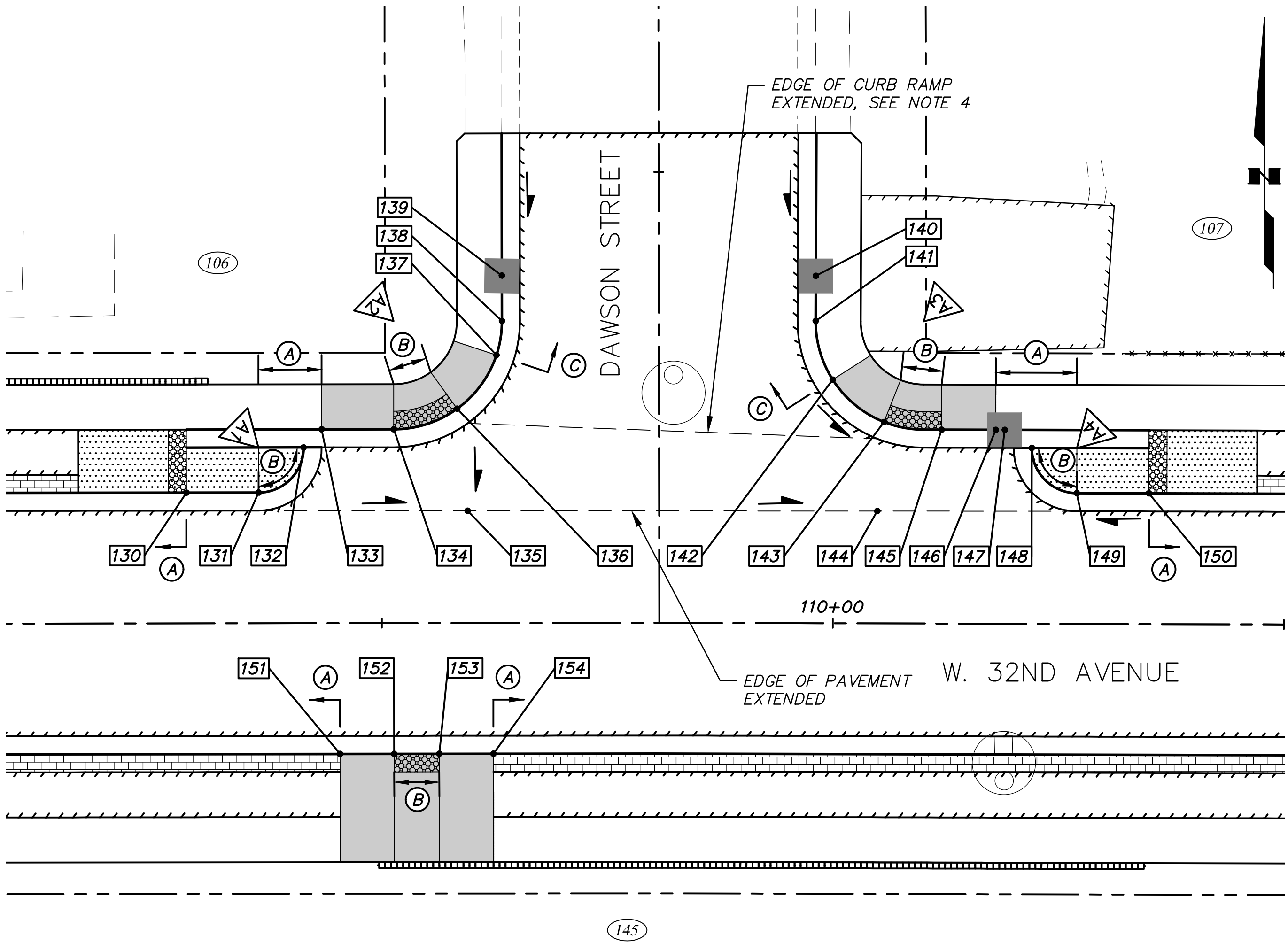
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECLB82-AK

CONSULTANT



PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT			
16-29	W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY	SCHED A	
INTERSECTION LAYOUT			
CHEECHAKO STREET			
SCALE	HOR. 1"=10' VER. N/A	GRID SW1629, SW1630, SW1631 DATE JAN 2020 STATUS 65%	SHEET R18 of R37

File: I:\LibData\10138.00 W 32nd Ave E 33rd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Design\10138.00 Intersection Layout.dwg



- LEGEND**
- APPROXIMATE DIRECTION OF DRAINAGE FLOWS
 - DETECTABLE WARNING PANEL
 - PCC CURB RAMP
 - COLORED CONCRETE (4" THICK, GREEN, RUNNING BOND TILE)
 - COLORED CONCRETE (4" THICK, GREEN, BROOM FINISH)

- NOTES**
- SEE ROADWAY (R) SHEETS FOR ROADWAY & SIDEWALK LOCATIONS.
 - SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS & ELEVATIONS OF SD PIPES & STRUCTURES.
 - SEE SIGNING & STRIPING (S) SHEETS FOR LOCATIONS & TYPES OF SIGNS & TRAFFIC MARKINGS.
 - THE MAXIMUM CROSS-SLOPE BETWEEN EDGE OF PAVEMENT EXTENDED AND EDGE OF CURB RAMP EXTENDED SHALL BE 2%. IF A 2% CROSS-SLOPE CANNOT BE MAINTAINED NOTIFY ENGINEER PRIOR TO INSTALLATION OF AC PAVEMENT.
 - PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.
 - SEE DETAIL (D) SHEETS FOR CURB RAMP DETAILS.
 - LIP OF CURB IS FRONT OF CURB AND GUTTER AT EDGE OF PAVEMENT.

DESIGNATION	CURB TYPE
A	TYPE 1 CURB
B	TYPE 1A CURB
C	TYPE 2 CURB

RECORD DRAWING

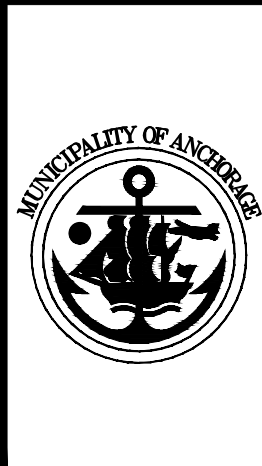
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PROFILE	AA	JK
STORM SEWER	MV	JH
WATER/SANITARY SEWER	CB	JK
GAS	CB	JK
TELEPHONE	CB	JK
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REVISIONS							
CONSULTANT							
SEAL							



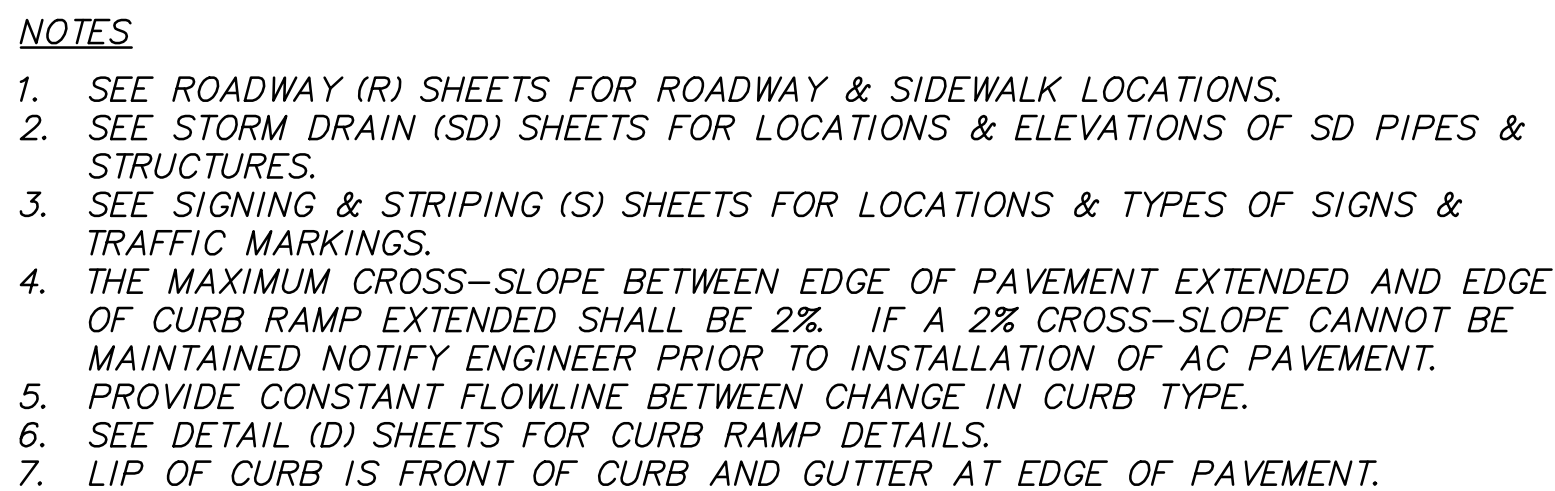
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

16-29 W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY SCHED A

INTERSECTION LAYOUT

DAWSON STREET

SCALE HOR. 1"=10' VER. N/A GRID SW1629, SW1630, SW1631 DATE JAN 2020 STATUS 65% SHEET R19 of R37



DESIGNATION	CURB TYPE
(A)	TYPE 1 CURB
(B)	TYPE 1A CURB
(C)	TYPE 2 CURB

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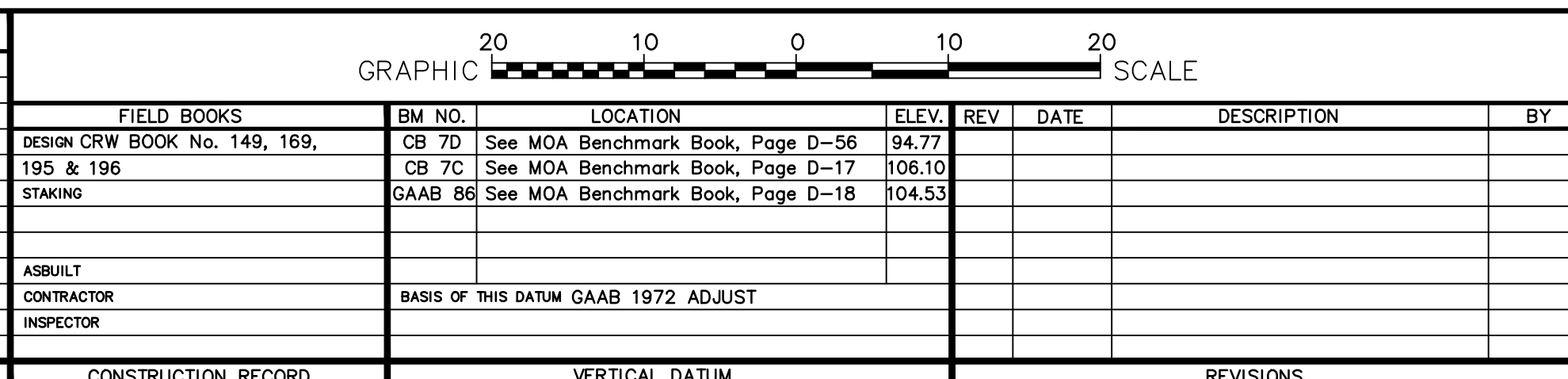
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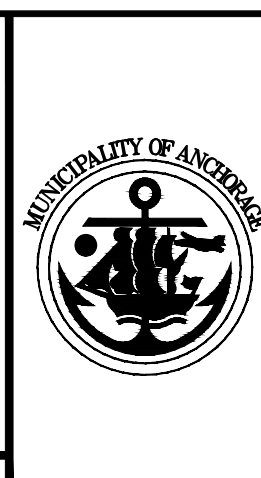
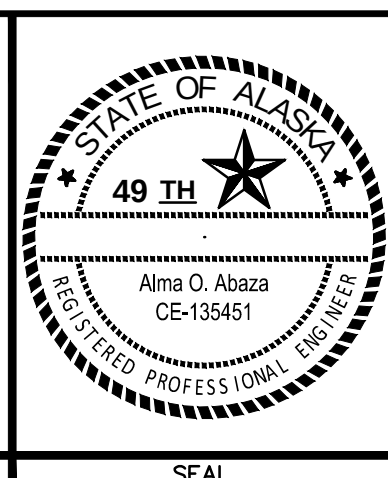
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BASE	TS	MJ
TOPOGRAPHY	BW	BW
PROFILE	AA	JK
STORM SEWER	MV	JH
WATER/SANITARY SEWER	CB	JK
GAS	CB	JK
TELEPHONE	CB	JK
ELECTRIC	JH	TK
DESIGN	AA	JK
QUANTITIES	AA	JK
PRELIMINARY/FINAL	AA	JK
MUNICIPAL/STATE	AA	JK
PLAN CHECK		



CRW
ENGINEERING GROUP, LLC

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ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

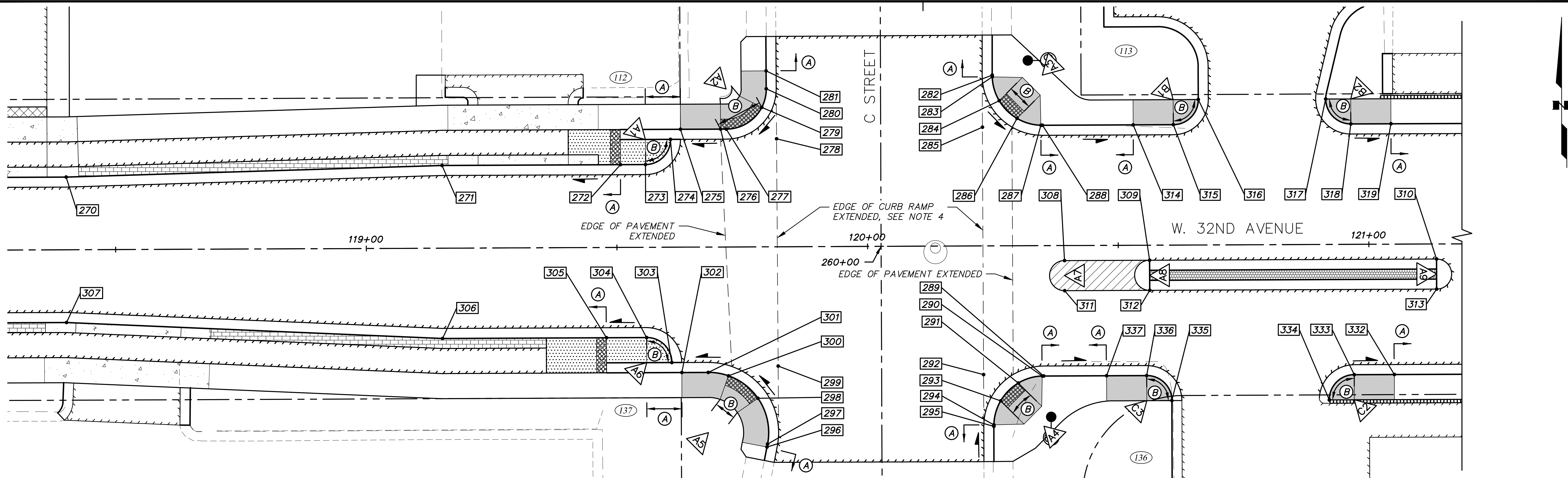


PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT			
16-29	W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY		SCHED A
INTERSECTION LAYOUT			
EUREKA STREET			
SCALE	HOR. 1"=10' VER. N/A	GRID SW1629, SW1630, SW1631 DATE JAN 2020 STATUS 65%	R20 of R37 SHEET

☐ POINT SUMMARY — W. 32ND AVENUE AT EUREKA STREET								
POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
						LENGTH (FT)	SLOPE (%)	
170								
171								
172								
173								
174								
175								
176								
177								
178								
179								
180								
181								
182								
183								
184								
185								
186								
187								
188								
189								
190								
191								
192								
193								
194								
195								
196								
197								
198								
199								
200								
201								
202								
203								
204								
205								
206								
207								

△ CURB RADIUS TABLE				
POINT	TBC RADIUS POINT		RADIUS (FT)	DESCRIPTION
	STATION	OFFSET (FT)		
A1			5.0	EUREKA STREET
A2			12.0	EUREKA STREET
A3			12.0	EUREKA STREET
A4			5.0	EUREKA STREET
A5			5.0	EUREKA STREET
A6			12.0	EUREKA STREET
A7			12.0	EUREKA STREET
A8			5.0	EUREKA STREET

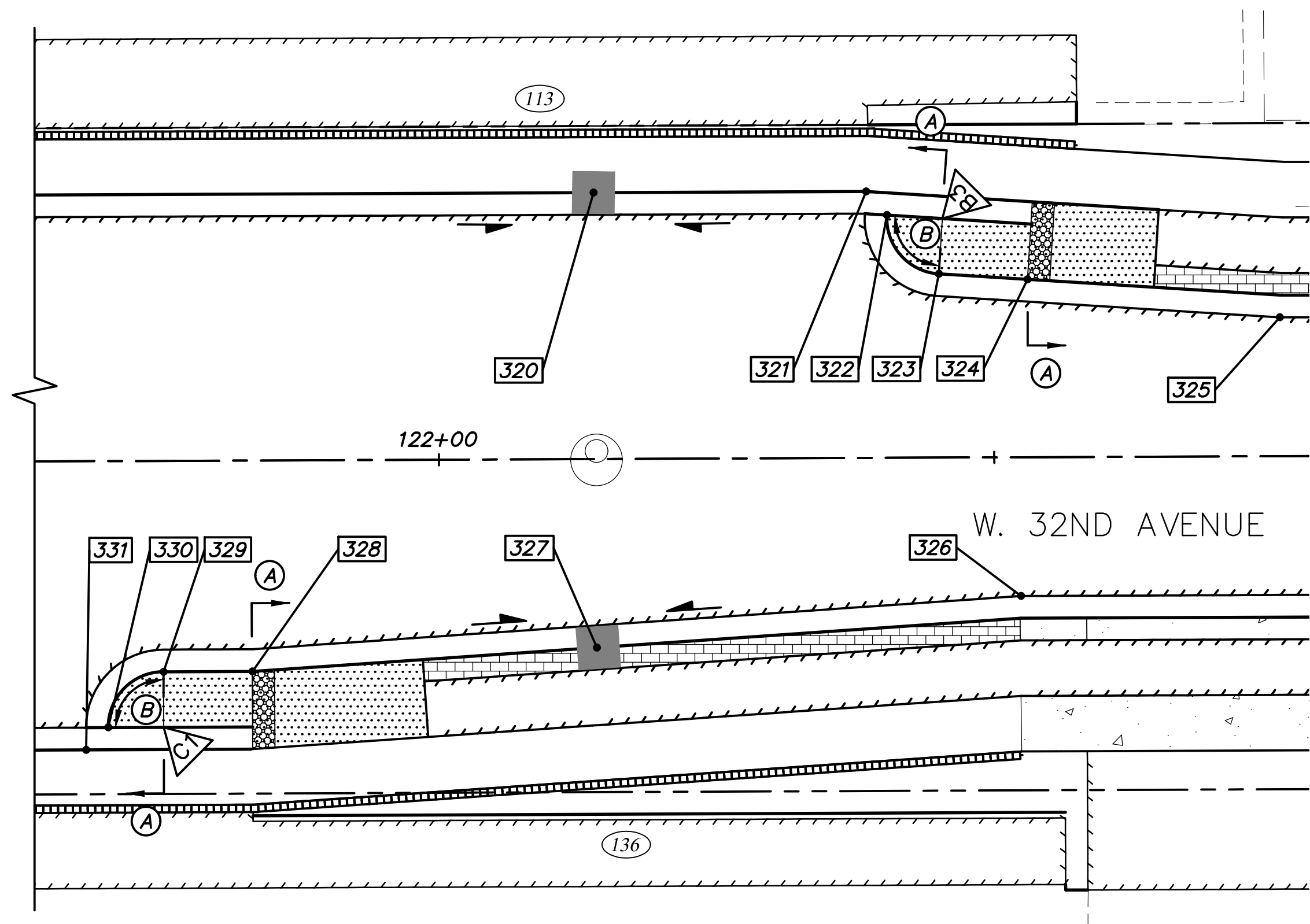
File: i:\data\10136.00 W 32nd And E 33rd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Design\10136.00 Intersection Layout.dwg



- LEGEND**
- APPROXIMATE DIRECTION OF DRAINAGE FLOWS
 - DETECTABLE WARNING PANEL
 - PCC CURB RAMP
 - PCC SIDEWALK (6" THICK, STANDARD FINISH)
 - COLORED CONCRETE (4" THICK, RED, RUNNING BOND TILE)
 - COLORED CONCRETE (4" THICK, GREEN, RUNNING BOND TILE)
 - COLORED CONCRETE (4" THICK, GREEN, BROOM FINISH)
 - HIGH PERFORMANCE CONCRETE (8" THICK, RED, BROOM FINISH)

DESIGNATION	CURB TYPE
(A)	TYPE 1 CURB
(B)	TYPE 1A CURB

- NOTES**
- SEE ROADWAY (R) SHEETS FOR ROADWAY & SIDEWALK LOCATIONS.
 - SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS & ELEVATIONS OF SD PIPES & STRUCTURES.
 - SEE SIGNING & STRIPING (S) SHEETS FOR LOCATIONS & TYPES OF SIGNS & TRAFFIC MARKINGS.
 - THE MAXIMUM CROSS-SLOPE BETWEEN EDGE OF PAVEMENT EXTENDED AND EDGE OF CURB RAMP EXTENDED SHALL BE 2%. IF A 2% CROSS-SLOPE CANNOT BE MAINTAINED NOTIFY ENGINEER PRIOR TO INSTALLATION OF AC PAVEMENT.
 - PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.
 - SEE DETAIL (D) SHEETS FOR CURB RAMP DETAILS.
 - LIP OF CURB IS FRONT OF CURB AND GUTTER AT EDGE OF PAVEMENT.
 - SEE SHEET R23 FOR POINT SUMMARY AND CURB RADIUS TABLES.



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.

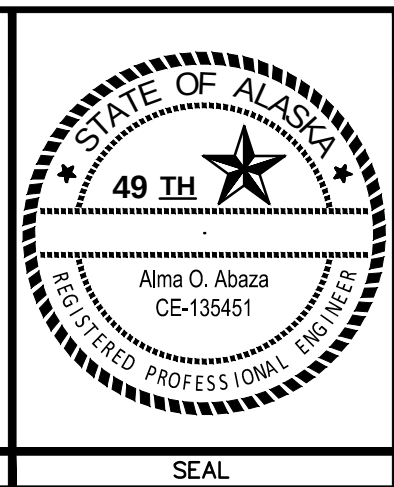
DATA TRANSFER CHECKED BY: _____ TITLE: _____

COMPANY: _____ DATE: _____

BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	MJ
TOPOGRAPHY	BW	BW
PROFILE	AA	JK
STORM SEWER	MV	JH
WATER/SANITARY SEWER	CB	JK
GAS	CB	JK
TELEPHONE	CB	JK
ELECTRIC	JH	TK
DESIGN	AA	JK
QUANTITIES	AA	JK
PRELIMINARY/FINAL	AA	JK
MUNICIPAL/STATE	AA	JK

FIELD BOOKS	BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY
DESIGN CRW BOOK No. 149, 169, 195 & 196	CB 7D	See MOA Benchmark Book, Page D-56	94.77				
	CB 7C	See MOA Benchmark Book, Page D-17	106.10				
	GAAB 86	See MOA Benchmark Book, Page D-18	104.53				
ASBUILT							
CONTRACTOR							
INSPECTOR							
PLAN CHECK							
CONSTRUCTION RECORD							
VERTICAL DATUM							
REVISIONS							



PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

16-29 W. 32ND AVENUE & E. 33RD AVENUE UPGRADES SCHED A
ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY

INTERSECTION LAYOUT

C STREET

SCALE HOR. 1"=10'
VER. N/A

GRID SW1629, SW1630, SW1631
DATE JAN 2020 STATUS 65% SHEET R22 of R37

POINT SUMMARY – W. 32ND AVENUE AT EUREKA STREET								
POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
						LENGTH (FT)	SLOPE (%)	
270								
271								
272								
273								
274								
275								
276								
277								
278								
279								
280								
281								
282								
283								
284								
285								
286								
287								
288								
289								
290								
291								
292								
293								
294								
295								
296								
297								
298								
299								
300								
301								
302								
303								
304								
305								
306								
307								
308								
309								
310								
311								
312								
313								

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

POINT SUMMARY – W. 32ND AVENUE AT PARCEL 113								
POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
						LENGTH (FT)	SLOPE (%)	
314								
315								
316								
317								
318								
319								
320								
321								
322								
323								
324								
325								

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

POINT SUMMARY – W. 32ND AVENUE AT PARCEL 136 (WEST)								
POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
						LENGTH (FT)	SLOPE (%)	
326								
327								
328								
329								
330								
331								
332								
333								
334								
335								
336								
337								

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

POINT	TBC RADIUS POINT		RADIUS (FT)	DESCRIPTION
	STATION	OFFSET (FT)		
A1			5.0	C STREET
A2			8.0	C STREET
A3			10.0	C STREET
A4			10.0	C STREET
A5			12.0	C STREET
A6			5.0	C STREET
A7			3.0	C STREET
A8			3.0	C STREET
A9			3.0	C STREET
B1			5.0	PARCEL 113
B2			5.0	PARCEL 113
B3			5.0	PARCEL 113
C1			5.0	PARCEL 136
C2			5.0	PARCEL 136
C3			5.0	PARCEL 136

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: _____	

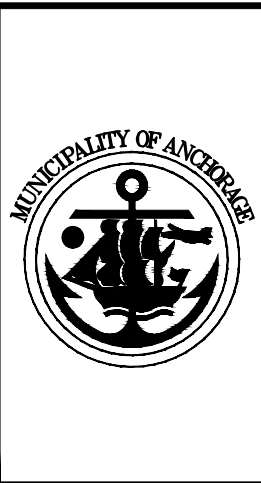
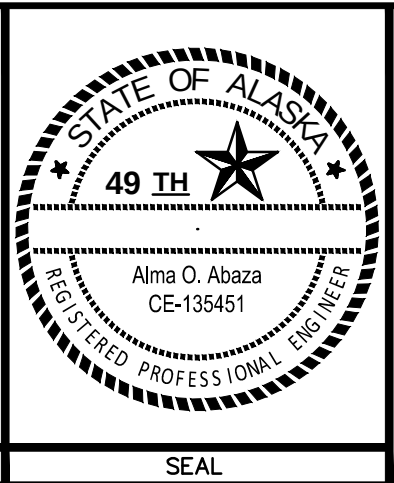
DATA	DRAWN BY	CHECKED BY										
BASE	TS	MJ										
TOPOGRAPHY	BW	BW										
PROFILE	AA	JK	FIELD BOOKS		BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY	
STORM SEWER	MV	JH	DESIGN CRW BOOK No. 149, 169, 195 & 196	CB 7D	See MOA Benchmark Book, Page D-56	94.77						
WATER/SANITARY SEWER	CB	JK		CB 7C	See MOA Benchmark Book, Page D-17	106.10						
GAS	CB	JK	STAKING	GAAB 86	See MOA Benchmark Book, Page D-18	104.53						
TELEPHONE	CB	JK										
ELECTRIC	JH	TK										
DESIGN	AA	JK	ASBUILT									
QUANTITIES	AA	JK	CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST								
PRELIMINARY/FINAL	AA	JK	INSPECTOR									
MUNICIPAL/STATE	AA	JK										
PLAN CHECK			CONSTRUCTION RECORD			VERTICAL DATUM			REVISIONS			



CRW
ENGINEERING GROUP, LLC

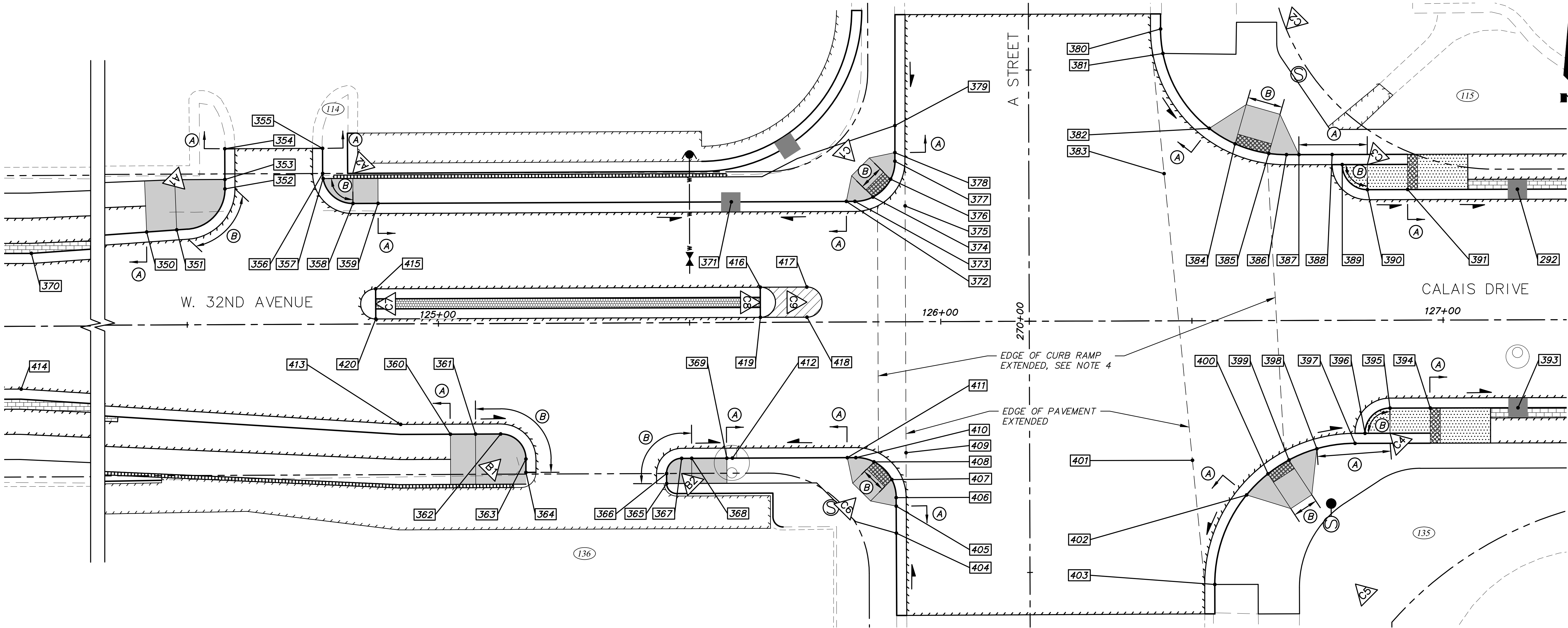
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECLB82-AK

CONSULTANT



PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT			
16-29		W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY	
		SCHED A	
INTERSECTION LAYOUT			
C STREET			
SCALE	HOR. N/A VER. N/A	GRID SW629, SW630, SW631	R23 of R37
	DATE JAN 2020	STATUS 65%	

File: I:\LibData\10138.00 W 32nd And E 33rd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Design\10138.00 Intersection Layout.dwg



LEGEND

- APPROXIMATE DIRECTION OF DRAINAGE FLOWS
- DETECTABLE WARNING PANEL
- PCC CURB RAMP
- COLORED CONCRETE (4" THICK, RED, RUNNING BOND TILE)
- COLORED CONCRETE (4" THICK, GREEN, RUNNING BOND TILE)
- COLORED CONCRETE (4" THICK, GREEN, BROOM FINISH)
- HIGH PERFORMANCE CONCRETE (8" THICK, RED, BROOM FINISH)

DESIGNATION CURB TYPE

- (A) TYPE 1 CURB
- (B) TYPE 1A CURB

NOTES

- SEE ROADWAY (R) SHEETS FOR ROADWAY & SIDEWALK LOCATIONS.
- SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS & ELEVATIONS OF SD PIPES & STRUCTURES.
- SEE SIGNING & STRIPING (S) SHEETS FOR LOCATIONS & TYPES OF SIGNS & TRAFFIC MARKINGS.
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- PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.
- SEE DETAIL (D) SHEETS FOR CURB RAMP DETAILS.
- LIP OF CURB IS FRONT OF CURB AND GUTTER AT EDGE OF PAVEMENT.
- SEE SHEET R25 FOR POINT SUMMARY TABLES.

△ CURB RADIUS TABLE

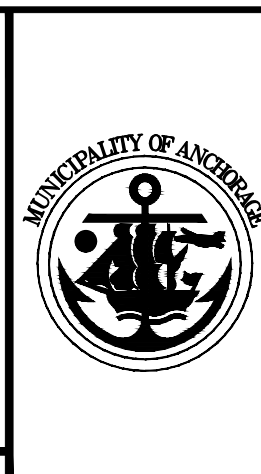
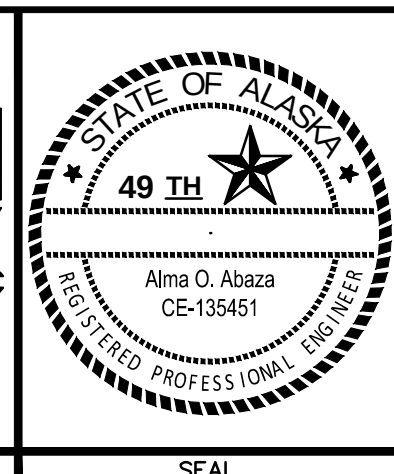
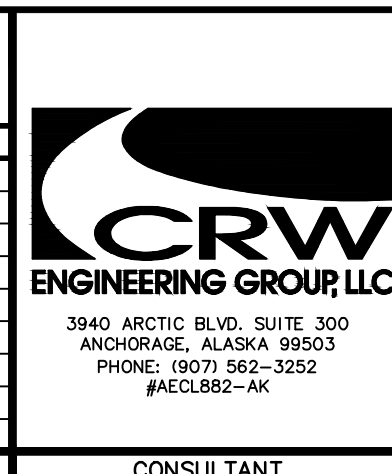
POINT	TBC RADIUS POINT		RADIUS (FT)	DESCRIPTION
	STATION	OFFSET (FT)		
A1			8.0	PARCEL 114
A2			6.0	PARCEL 114
B1			5.0	PARCEL 136
B2			3.0	PARCEL 136
C1			8.0	A STREET
C2			25.0	A STREET
C3			5.0	A STREET
C4			5.0	A STREET
C5			28.0	A STREET
C6			8.0	A STREET
C7			3.0	A STREET
C8			3.0	A STREET
C9			3.0	A STREET

RECORD DRAWING

- DATA PROVIDED BY: _____ TITLE: _____
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CONTRACTOR: _____ DATE: _____
- DATA TRANSFERRED BY: _____ TITLE: _____
COMPANY: _____ DATE: _____
- 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	TS	MJ
TOPOGRAPHY	BW	BW
PROFILE	AA	JK
STORM SEWER	MV	JH
WATER/SANITARY SEWER	CB	JK
GAS	CB	JK
TELEPHONE	CB	JK
ELECTRIC	JH	TK
DESIGN	AA	JK
QUANTITIES	AA	JK
PRELIMINARY/FINAL	AA	JK
MUNICIPAL/STATE	AA	JK

GRAPHIC SCALE				20 10 0 10 20			
FIELD BOOKS				BM NO.	LOCATION	ELEV.	REV
DESIGN CRW BOOK No. 149, 169, 195 & 196				CB 7D	See MOA Benchmark Book, Page D-56	94.77	
STAKING				CB 7C	See MOA Benchmark Book, Page D-17	106.10	
				GAAB 86	See MOA Benchmark Book, Page D-18	104.53	
BASIS OF THIS DATUM GAAB 1972 ADJUST				CONTRACTOR	INSPECTOR		
PLAN CHECK				CONSTRUCTION RECORD			
				VERTICAL DATUM			
				REVISIONS			



PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT			
16-29	W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY		SCHED A
INTERSECTION LAYOUT			
A STREET			
SCALE	HOR. 1"=10' VER. N/A	GRID SW1629, SW1630, SW1631	R24 of R37
		DATE JAN 2020 STATUS 65%	
			SHEET

□ POINT SUMMARY – W. 32ND AVENUE AT PARCEL 114								
POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
						LENGTH (FT)	SLOPE (%)	
350								
351								
352								
353								
354								
355								
356								
357								
358								
359								

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

□ POINT SUMMARY — W. 32ND AVENUE AT PARCEL 136								
POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
						LENGTH (FT)	SLOPE (%)	
360								
361								
362								
363								
364								
365								
366								
367								
368								
369								

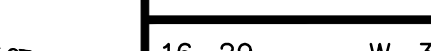
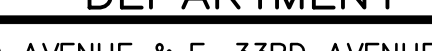
* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

POINT SUMMARY — W. 32ND AVENUE AT PARCEL 136 (EAST)								
POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
						LENGTH (FT)	SLOPE (%)	
370								
371								
372								
373								
374								
375								
376								
377								
378								
379								
380								
381								
382								

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

POINT SUMMARY – W. 32ND AVENUE AT PARCEL 136 (EAST)								
POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
						LENGTH (FT)	SLOPE (%)	
383								
384								
385								
386								
387								
388								
389								
390								
391								
392								
393								
394								
395								
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415								
416								
417								
418								
419								
420								

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

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: _____ TITLE: _____ DATE: _____ BY: _____		<table border="1"> <tr> <th>DATA</th> <th>DRAWN BY</th> <th>CHECKED BY</th> </tr> <tr> <td>BASE</td> <td>TS</td> <td>MJ</td> </tr> <tr> <td>TOPOGRAPHY</td> <td>BW</td> <td>BW</td> </tr> <tr> <td>PROFILE</td> <td>AA</td> <td>JK</td> </tr> <tr> <td>STORM SEWER</td> <td>MV</td> <td>JH</td> </tr> <tr> <td>WATER/SANITARY SEWER</td> <td>CB</td> <td>JK</td> </tr> <tr> <td>GAS</td> <td>CB</td> <td>JK</td> </tr> <tr> <td>TELEPHONE</td> <td>CB</td> <td>JK</td> </tr> <tr> <td>ELECTRIC</td> <td>JH</td> <td>TK</td> </tr> <tr> <td>DESIGN</td> <td>AA</td> <td>JK</td> </tr> <tr> <td>QUANTITIES</td> <td>AA</td> <td>JK</td> </tr> <tr> <td>PRELIMINARY/FINAL</td> <td>AA</td> <td>JK</td> </tr> <tr> <td>MUNICIPAL/STATE</td> <td>AA</td> <td>JK</td> </tr> </table>		DATA	DRAWN BY	CHECKED BY	BASE	TS	MJ	TOPOGRAPHY	BW	BW	PROFILE	AA	JK	STORM SEWER	MV	JH	WATER/SANITARY SEWER	CB	JK	GAS	CB	JK	TELEPHONE	CB	JK	ELECTRIC	JH	TK	DESIGN	AA	JK	QUANTITIES	AA	JK	PRELIMINARY/FINAL	AA	JK	MUNICIPAL/STATE	AA	JK	<table border="1"> <tr> <th colspan="2">FIELD BOOKS</th> <th>BM NO.</th> <th>LOCATION</th> <th>ELEV.</th> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> <tr> <td>DESIGN CRW BOOK No. 149, 169, 195 & 196</td> <td>CB 7D</td> <td>See MOA Benchmark Book, Page D-56</td> <td>94.77</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>CB 7C</td> <td>See MOA Benchmark Book, Page D-17</td> <td>106.10</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>STAKING</td> <td>GAAB 86</td> <td>See MOA Benchmark Book, Page D-18</td> <td>104.53</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>ASBUILT</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CONTRACTOR</td> <td colspan="8">BASIS OF THIS DATUM GAAB 1972 ADJUST</td> </tr> <tr> <td>INSPECTOR</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		FIELD BOOKS		BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY	DESIGN CRW BOOK No. 149, 169, 195 & 196	CB 7D	See MOA Benchmark Book, Page D-56	94.77							CB 7C	See MOA Benchmark Book, Page D-17	106.10						STAKING	GAAB 86	See MOA Benchmark Book, Page D-18	104.53						ASBUILT									CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST								INSPECTOR									 CRW ENGINEERING GROUP LLC 3940 ARCTIC BLVD., SUITE 300 ANCHORAGE, ALASKA 99503 PHONE: (907) 562-3252 #AECL682-AK		 STATE OF ALASKA 49 TH Alma O. Abaza CE-135451 REGISTERED PROFESSIONAL ENGINEER		 MUNICIPALITY OF ANCHORAGE		PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT 16-29 W. 32ND AVENUE & E. 33RD AVENUE UPGRADES SCHED A ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY INTERSECTION LAYOUT A STREET				SCALE HOR. N/A VER. N/A DATE JAN 2020 STATUS 65% SHEET R25 of R37	
DATA	DRAWN BY	CHECKED BY																																																																																																																					
BASE	TS	MJ																																																																																																																					
TOPOGRAPHY	BW	BW																																																																																																																					
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DESIGN	AA	JK																																																																																																																					
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CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST																																																																																																																						
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—▶ APPROXIMATE DIRECTION OF DRAINAGE FLOWS

 DETECTABLE WARNING PANEL

☐ PCC CURB RAMP

 COLORED CONCRETE (4" THICK, RED, RUNNING BOND TILE) COLORED CONCRETE (4" THICK, GREEN, RUNNING BOND TILE)

 HIGH PERFORMANCE CONCRETE (8" THICK, RED, BROOM FINISH)



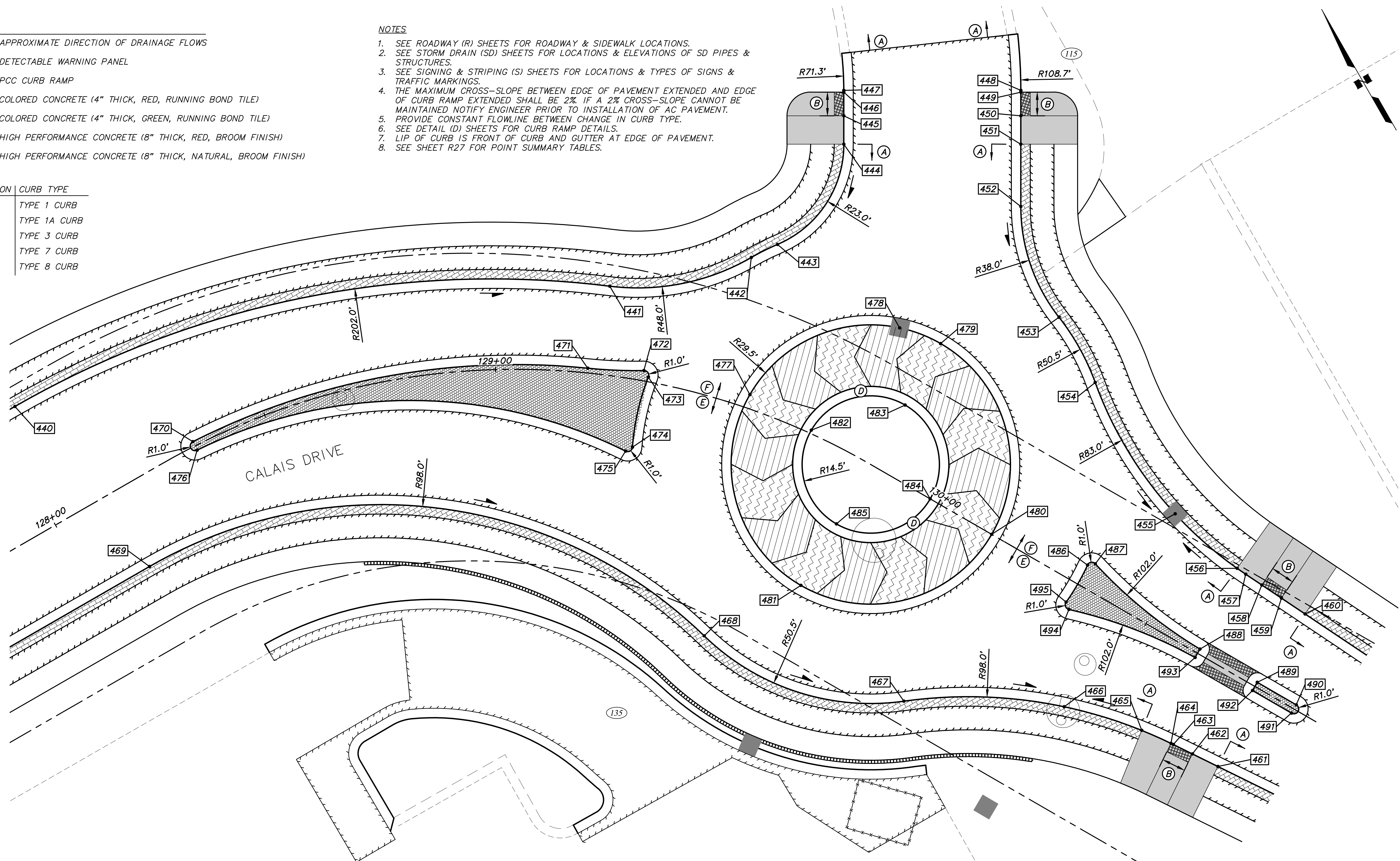
HIGH PERFORMANCE CONCRETE (8" THICK, NATURAL, BROOM FINISH)

DESIGNATION | CURB TYPE

(A)	TYPE 1 CURB
(B)	TYPE 1A CURE
(D)	TYPE 3 CURB
(E)	TYPE 7 CURB
(F)	TYPE 8 CURB

NOTES

1. SEE ROADWAY (R) SHEETS FOR ROADWAY & SIDEWALK LOCATIONS.
2. SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS & ELEVATIONS OF SD PIPES & STRUCTURES.
3. SEE SIGNING & STRIPING (S) SHEETS FOR LOCATIONS & TYPES OF SIGNS & TRAFFIC MARKINGS.
4. THE MAXIMUM CROSS-SLOPE BETWEEN EDGE OF PAVEMENT EXTENDED AND EDGE OF CURB RAMP EXTENDED SHALL BE 2%. IF A 2% CROSS-SLOPE CANNOT BE MAINTAINED NOTIFY ENGINEER PRIOR TO INSTALLATION OF AC PAVEMENT.
5. PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.
6. SEE DETAIL (D) SHEETS FOR CURB RAMP DETAILS.
7. LIP OF CURB IS FRONT OF CURB AND GUTTER AT EDGE OF PAVEMENT.
8. SEE SHEET R27 FOR POINT SUMMARY TABLES.



RECORD DRAWING

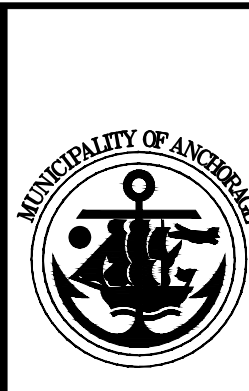
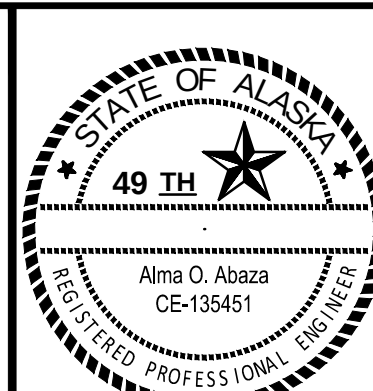
1. DATA PROVIDED BY: _____ TITLE: _____
THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION
OF THE PROJECT AS CONSTRUCTED.
CONTRACTOR: _____
BY: _____ TITLE: _____ DATE: _____

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	TS	MJ
TOPOGRAPHY	BW	BW
PROFILE	AA	JK
STORM SEWER	MV	JH
WATER/SANITARY SEWER	CB	JK
GAS	CB	JK
TELEPHONE	CB	JK
ELECTRIC	JH	TK
DESIGN	AA	JK
QUANTITIES	AA	JK
PRELIMINARY/FINAL	AA	JK
MUNICIPAL/STATE	AA	JK
PLAN CHECK		

GRAPHIC 20 10 0 10 20  SCALE									
FIELD BOOKS		BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION		BY
DESIGN CRW BOOK No. 149, 169, 195 & 196 STAKING		CB 7D	See MOA Benchmark Book, Page D-56	94.77					
		CB 7C	See MOA Benchmark Book, Page D-17	106.10					
		GAAB 86	See MOA Benchmark Book, Page D-18	104.53					
ASBUILT									
CONTRACTOR		BASIS OF THIS DATUM GAAB 1972 ADJUST							
INSPECTOR									
CONSTRUCTION RECORD		VERTICAL DATUM					REVISIONS		



PROJECT MANAGEMENT AND ENGINEERING
DEPARTMENT

16-29	W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY	SCHED A
-------	--	---------

INTERSECTION LAYOUT

PARCEL 115

SCALE HOR. 1"=10'
VER. N/A

GRID SW1629, SW1630, SW1631	
DATE JAN 2020	ST

SHEET R26 of R37

TO BE COMPLETED FOR 95%

File: J:\JobsData\10138.00 W 32nd And E 33rd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Design\10138.00 Intersection Layout.dwg

TO BE COMPLETED FOR 95%



CRW
ENGINEERING GROUP, LLC

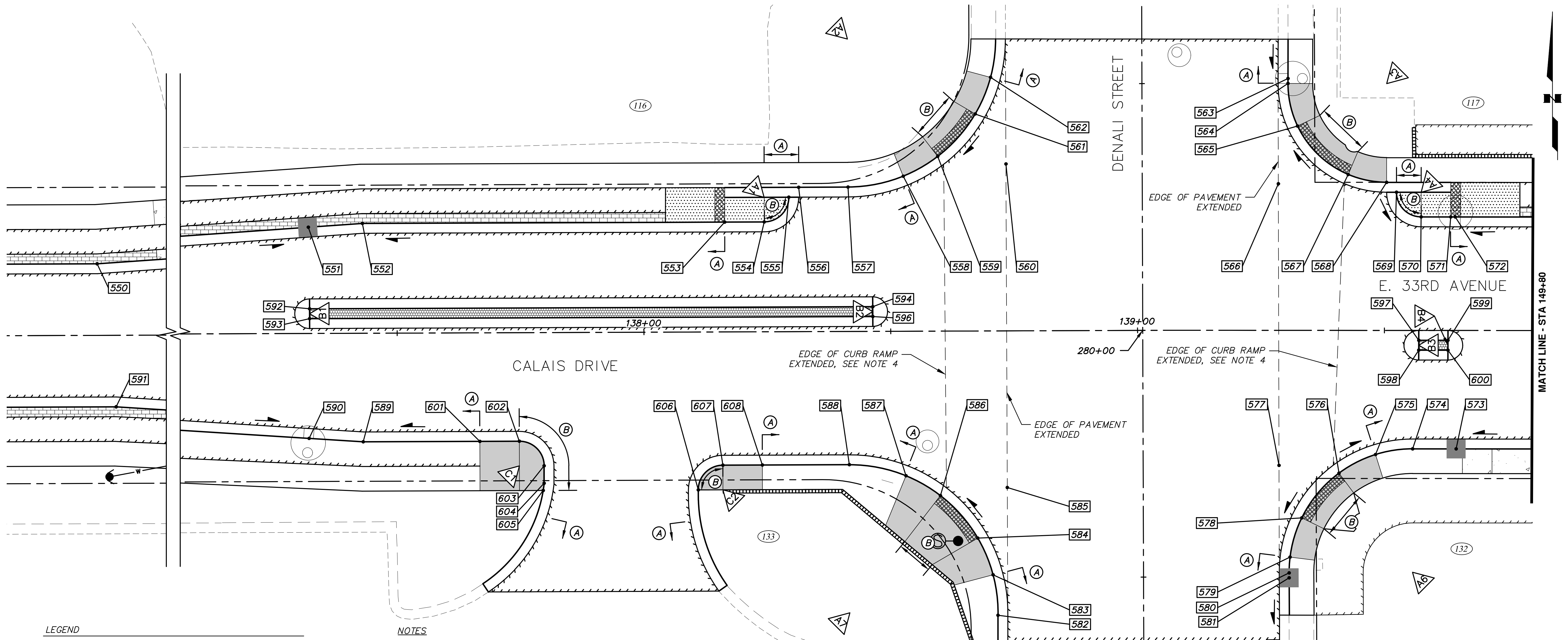
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK



R27 of R37

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT			
16-29	W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY		SCHED A
INTERSECTION LAYOUT			
MIDTOWN PLACE			
SCALE	HOR. 1"=10' VER. N/A	GRID SW1629, SW1630, SW1631	R28 of R37
		DATE JAN 2020 STATUS 65%	
			SHEET

File: i:\LibData\10138.00 W 32nd And E 33rd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Design\10138.00 Intersection Layout.dwg



- LEGEND**
- APPROXIMATE DIRECTION OF DRAINAGE FLOWS
 - DETECTABLE WARNING PANEL
 - PCC CURB RAMP
 - PCC SIDEWALK (6" THICK, STANDARD FINISH)
 - COLORED CONCRETE (4" THICK, RED, RUNNING BOND TILE)
 - COLORED CONCRETE (4" THICK, GREEN, RUNNING BOND TILE)
 - COLORED CONCRETE (4" THICK, GREEN, BROOM FINISH)

- NOTES**
- SEE ROADWAY (R) SHEETS FOR ROADWAY & SIDEWALK LOCATIONS.
 - SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS & ELEVATIONS OF SD PIPES & STRUCTURES.
 - SEE SIGNING & STRIPING (S) SHEETS FOR LOCATIONS & TYPES OF SIGNS & TRAFFIC MARKINGS.
 - THE MAXIMUM CROSS-SLOPE BETWEEN EDGE OF PAVEMENT EXTENDED AND EDGE OF CURB RAMP EXTENDED SHALL BE 2%. IF A 2% CROSS-SLOPE CANNOT BE MAINTAINED NOTIFY ENGINEER PRIOR TO INSTALLATION OF AC PAVEMENT.
 - PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.
 - SEE DETAIL (D) SHEETS FOR CURB RAMP DETAILS.
 - LIP OF CURB IS FRONT OF CURB AND GUTTER AT EDGE OF PAVEMENT.
 - SEE SHEET R30 FOR CURB RADIUS TABLE AND SHEET R31 FOR POINT SUMMARY TABLES.

DESIGNATION	CURB TYPE
(A)	TYPE 1 CURB
(B)	TYPE 1A CURB

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.

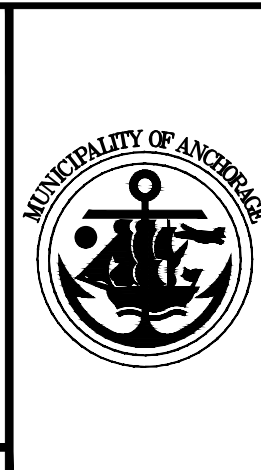
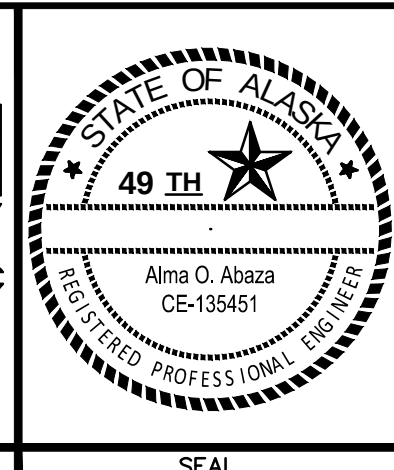
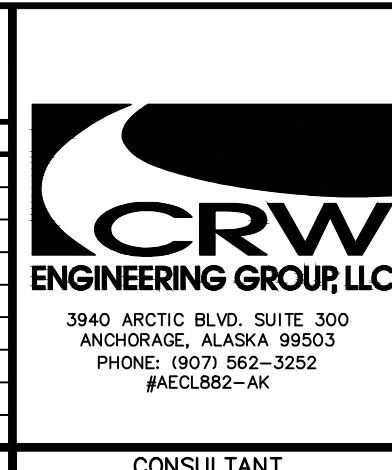
DATA TRANSFER CHECKED BY: _____ TITLE: _____

COMPANY: _____ DATE: _____

BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	MJ
TOPOGRAPHY	BW	BW
PROFILE	AA	JK
STORM SEWER	MV	JH
WATER/SANITARY SEWER	CB	JK
GAS	CB	JK
TELEPHONE	CB	JK
ELECTRIC	JH	TK
DESIGN	AA	JK
QUANTITIES	AA	JK
PRELIMINARY/FINAL	AA	JK
MUNICIPAL/STATE	AA	JK

FIELD BOOKS	BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY
DESIGN CRW BOOK No. 149, 169, 195 & 196	CB 7D	See MOA Benchmark Book, Page D-56	94.77				
STAKING	CB 7C	See MOA Benchmark Book, Page D-17	106.10				
	GAAB 86	See MOA Benchmark Book, Page D-18	104.53				
ASBUILT							
CONTRACTOR							
INSPECTOR							
PLAN CHECK							
CONSTRUCTION RECORD							
VERTICAL DATUM							
REVISIONS							
CONSULTANT							
SEAL							



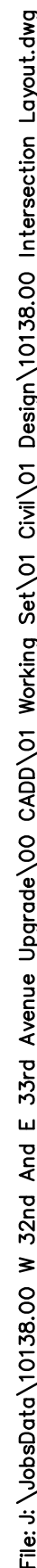
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

16-29 W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY SCHED A

INTERSECTION LAYOUT

DENALI STREET

SCALE HOR. 1"=10' VER. N/A GRID SW1629, SW1630, SW1631 DATE JAN 2020 STATUS 65% SHEET R29 of R37



	APPROXIMATE DIRECTION OF DRAINAGE FLOWS
	DETECTABLE WARNING PANEL
	PCC CURB RAMP
	PCC SIDEWALK (6" THICK, STANDARD FINISH)
	COLORLED CONCRETE (4" THICK, GREEN, RUNNING BOND TILE)
	COLORLED CONCRETE (4" THICK, GREEN, BROOM FINISH)

1. SEE ROADWAY (R) SHEETS FOR ROADWAY & SIDEWALK LOCATIONS.
2. SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS & ELEVATIONS OF SD PIPES & STRUCTURES.
3. SEE SIGNING & STRIPING (S) SHEETS FOR LOCATIONS & TYPES OF SIGNS & TRAFFIC MARKINGS.
4. THE MAXIMUM CROSS-SLOPE BETWEEN EDGE OF PAVEMENT EXTENDED AND EDGE OF CURB RAMP EXTENDED SHALL BE 2%. IF A 2% CROSS-SLOPE CANNOT BE MAINTAINED NOTIFY ENGINEER PRIOR TO INSTALLATION OF AC PAVEMENT.
5. PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.
6. SEE DETAIL (D) SHEETS FOR CURB RAMP DETAILS.
7. LIP OF CURB IS FRONT OF CURB AND GUTTER AT EDGE OF PAVEMENT.
8. SEE SHEET R31 FOR POINT SUMMARY TABLES.

DESIGNATION	CURB TYPE
(A)	TYPE 1 CURB
(B)	TYPE 1A CURB

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: _____

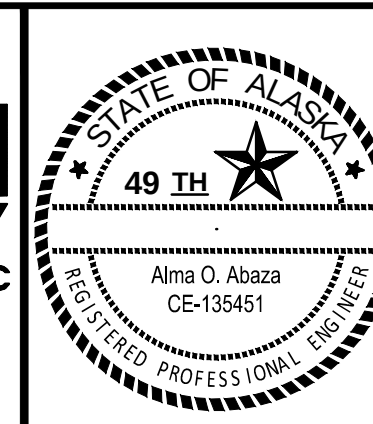
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT
SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.
DATA TRANSFER CHECKED BY: _____ TITLE: _____
COMPANY: _____ DATE: _____
BY: _____

GRAPHIC SCALE



CRW
ENGINEERING GROUP, LLC

3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK



DENALI STREET

SCALE	HOR. 1"=10'	GRID SW1629, SW1630, SW1631		R30 of R37
	VER. N/A	DATE JAN 2020	STATUS 65%	



* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

△ CURB RADIUS TABLE

LEGEND

 *DETECTABLE WARNING PANEL*

☐ PCC CURB RAMP

 COLORED CONCRETE (4" THICK, GREEN, RUNNING BOND TILE)

 COLORED CONCRETE (4" THICK, GREEN, BROOM FINISH)

NOTES

DESIGNATION | CURB TYPE

(A) TYPE 1 CURB

(B) TYPE 1A CURB

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: _____

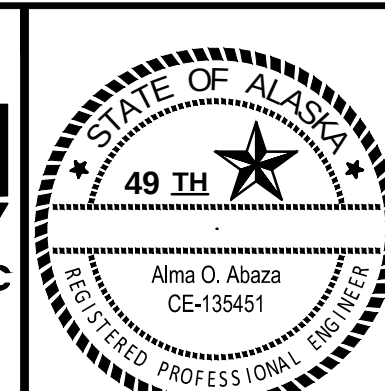
3. BASED ON PERIODIC FIELD OBSERVATIONS BY THE ENGINEER (OR AN INDIVIDUAL UNDER HIS/HER DIRECT SUPERVISION), THE CONTRACTOR-PROVIDED DATA APPEARS TO REPRESENT THE PROJECT AS CONSTRUCTED.

DATA TRANSFER CHECKED BY: _____ TITLE: _____

COMPANY: _____ DATE: _____

BY: _____

DATA		DRAWN BY	CHECKED BY	201001020 GRAPHICSCALE								
BASE	TS	MJ										
TOPOGRAPHY	BW	BW										
PROFILE	AA	JK	FIELD BOOKS		BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY	
STORM SEWER	MV	JH	DESIGN CRW BOOK No. 149, 169,	CB 7D	See MOA Benchmark Book, Page D-56	94.77						
WATER/SANITARY SEWER	CB	JK	195 & 196	CB 7C	See MOA Benchmark Book, Page D-17	106.10						
GAS	CB	JK	STAKING	GAAB 86	See MOA Benchmark Book, Page D-18	104.53						
TELEPHONE	CB	JK										
ELECTRIC	JH	TK										
DESIGN	AA	JK	ASBUILT									
QUANTITIES	AA	JK	CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST								
PRELIMINARY/FINAL	AA	JK	INSPECTOR									
MUNICIPAL/STATE	AA	JK										
PLAN CHECK			CONSTRUCTION RECORD		VERTICAL DATUM			REVISIONS				



PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT			
16-29	W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY		SCHED A
INTERSECTION LAYOUT			
EAGLE STREET			
SCALE HOR. 1"=10' VER. N/A	GRID SW1629, SW1630, SW1631 DATE JAN 2020 STATUS 65%		R32 of R37 SHEET

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT			
16-29	W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY	SCHED A	
INTERSECTION LAYOUT			
E. 33RD AVENUE & FAIRBANKS STREET			
SCALE	HOR. 1"=10' VER. N/A	GRID SW1629, SW1630, SW1631 DATE JAN 2020 STATUS 65%	R33 of R37
		SHEET	

1. SEE ROADWAY (R) SHEETS FOR ROADWAY & SIDEWALK LOCATIONS.
2. SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS & ELEVATIONS OF SD PIPES & STRUCTURES.
3. SEE SIGNING & STRIPING (S) SHEETS FOR LOCATIONS & TYPES OF SIGNS & TRAFFIC MARKINGS.
4. THE MAXIMUM CROSS-SLOPE BETWEEN EDGE OF PAVEMENT EXTENDED AND EDGE OF CURB RAMP EXTENDED SHALL BE 2%. IF A 2% CROSS-SLOPE CANNOT BE MAINTAINED NOTIFY ENGINEER PRIOR TO INSTALLATION OF AC PAVEMENT.
5. PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.
6. SEE DETAIL (D) SHEETS FOR CURB RAMP DETAILS.
7. LIP OF CURB IS FRONT OF CURB AND GUTTER AT EDGE OF PAVEMENT.

	APPROXIMATE DIRECTION OF DRAINAGE FLOWS
	DETECTABLE WARNING PANEL
	PCC CURB RAMP
	PCC SIDEWALK (6" THICK, STANDARD FINISH)
	COLORLED CONCRETE (4" THICK, GREEN, RUNNING BOND TILE)
	COLORLED CONCRETE (4" THICK, GREEN, BROOM FINISH)

DESIGNATION	CURB TYPE
(A)	TYPE 1 CURB
(B)	TYPE 1A CURB

☐ POINT SUMMARY – E. 33RD AVENUE AT ALLEY (STA: 151+67)								
POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
						LENGTH (FT)	SLOPE (%)	
710								
711								
712								
713								
714								
715								
716								
717								
718								
719								
720								
721								
722								
723								
724								
725								
726								
727								
728								
729								
730								
731								
732								
733								
734								

△ CURB RADIUS TABLE				
POINT	TBC RADIUS POINT		RADIUS (FT)	DESCRIPTION
	STATION	OFFSET (FT)		
A1			20.0	ALLEY
A2			20.0	ALLEY
B1			10.0	PARCEL 125
B2			5.0	PARCEL 125
C1			22.0	PARCEL 126
C2			5.0	PARCEL 126

POINT SUMMARY – E. 33RD AVENUE AT PARCEL 125								
POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
						LENGTH (FT)	SLOPE (%)	
735								
736								
737								
738								
739								
740								

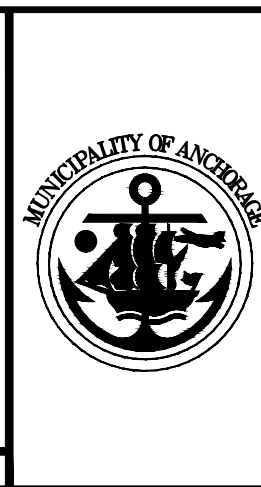
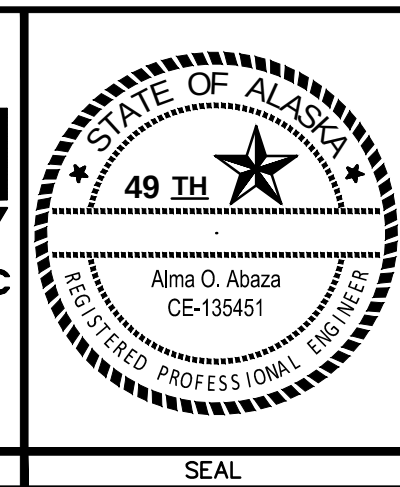
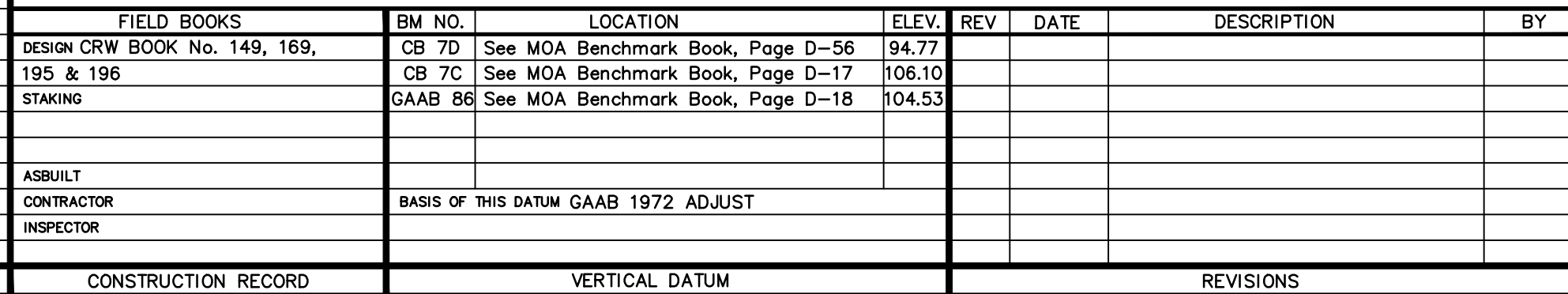
☐ POINT SUMMARY — E. 33RD AVENUE AT PARCEL 126								
POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
						LENGTH (FT)	SLOPE (%)	
741								
742								
743								
744								
745								

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	TS	MJ
TOPOGRAPHY	BW	BW
PROFILE	AA	JK
STORM SEWER	MV	JH
WATER/SANITARY SEWER	CB	JK
GAS	CB	JK
TELEPHONE	CB	JK
ELECTRIC	JH	TK
DESIGN	AA	JK
QUANTITIES	AA	JK
PRELIMINARY/FINAL	AA	JK
MUNICIPAL/STATE	AA	JK
PLAN CHECK		



16-29	W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY	SCHED A
INTERSECTION LAYOUT		
E. 33RD AVENUE & OLD SEWARD HIGHWAY		
SCALE	HOR. 1"=10' VER. N/A	GRID SW1629, SW1630, SW1631 R34 of R37 DATE JAN 2020 STATUS 65% SHEET



<i>DESIGNATION</i>	<i>CURB TYPE</i>
(A)	TYPE 1 CURB
(B)	TYPE 1A CURB
(C)	TYPE 2 CURB

1. SEE ROADWAY (R) SHEETS FOR ROADWAY & SIDEWALK LOCATIONS.
2. SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS & ELEVATIONS OF SD PIPES & STRUCTURES.
3. SEE SIGNING & STRIPING (S) SHEETS FOR LOCATIONS & TYPES OF SIGNS & TRAFFIC MARKINGS.
4. THE MAXIMUM CROSS-SLOPE BETWEEN EDGE OF PAVEMENT EXTENDED AND EDGE OF CURB RAMP EXTENDED SHALL BE 2%. IF A 2% CROSS-SLOPE CANNOT BE MAINTAINED NOTIFY ENGINEER PRIOR TO INSTALLATION OF AC PAVEMENT.
5. PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.
6. SEE DETAIL (D) SHEETS FOR CURB RAMP DETAILS.
7. LIP OF CURB IS FRONT OF CURB AND GUTTER AT EDGE OF PAVEMENT.

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

△ CURB RADIUS TABLE				
POINT	TBC RADIUS POINT		RADIUS (FT)	DESCRIPTION
	STATION	OFFSET (FT)		
A1	TO BE COMPLETED FOR 95%		30.0	FAIRBANKS STREET
A2			30.0	FAIRBANKS STREET

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	TS	MJ
TOPOGRAPHY	BW	BW
PROFILE	AA	JK
STORM SEWER	MV	JH
WATER/SANITARY SEWER	CB	JK
GAS	CB	JK
TELEPHONE	CB	JK
ELECTRIC	JH	TK
DESIGN	AA	JK
QUANTITIES	AA	JK
PRELIMINARY/FINAL	AA	JK
MUNICIPAL/STATE	AA	JK

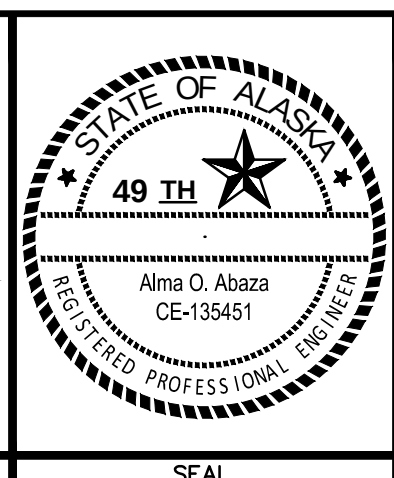
							SCALE		
FIELD BOOKS		BM NO.	LOCATION		ELEV.	REV	DATE	DESCRIPTION	BY
DESIGN CRW BOOK No. 149, 169, 195 & 196 STAKING		CB 7D	See MOA Benchmark Book, Page D-56		94.77				
		CB 7C	See MOA Benchmark Book, Page D-17		106.10				
		GAAB 86	See MOA Benchmark Book, Page D-18		104.53				
ASBUILT									
CONTRACTOR		BASIS OF THIS DATUM GAAB 1972 ADJUST							
INSPECTOR									
CONSTRUCTION RECORD		VERTICAL DATUM					REVISIONS		



CRW
ENGINEERING GROUP, LLC

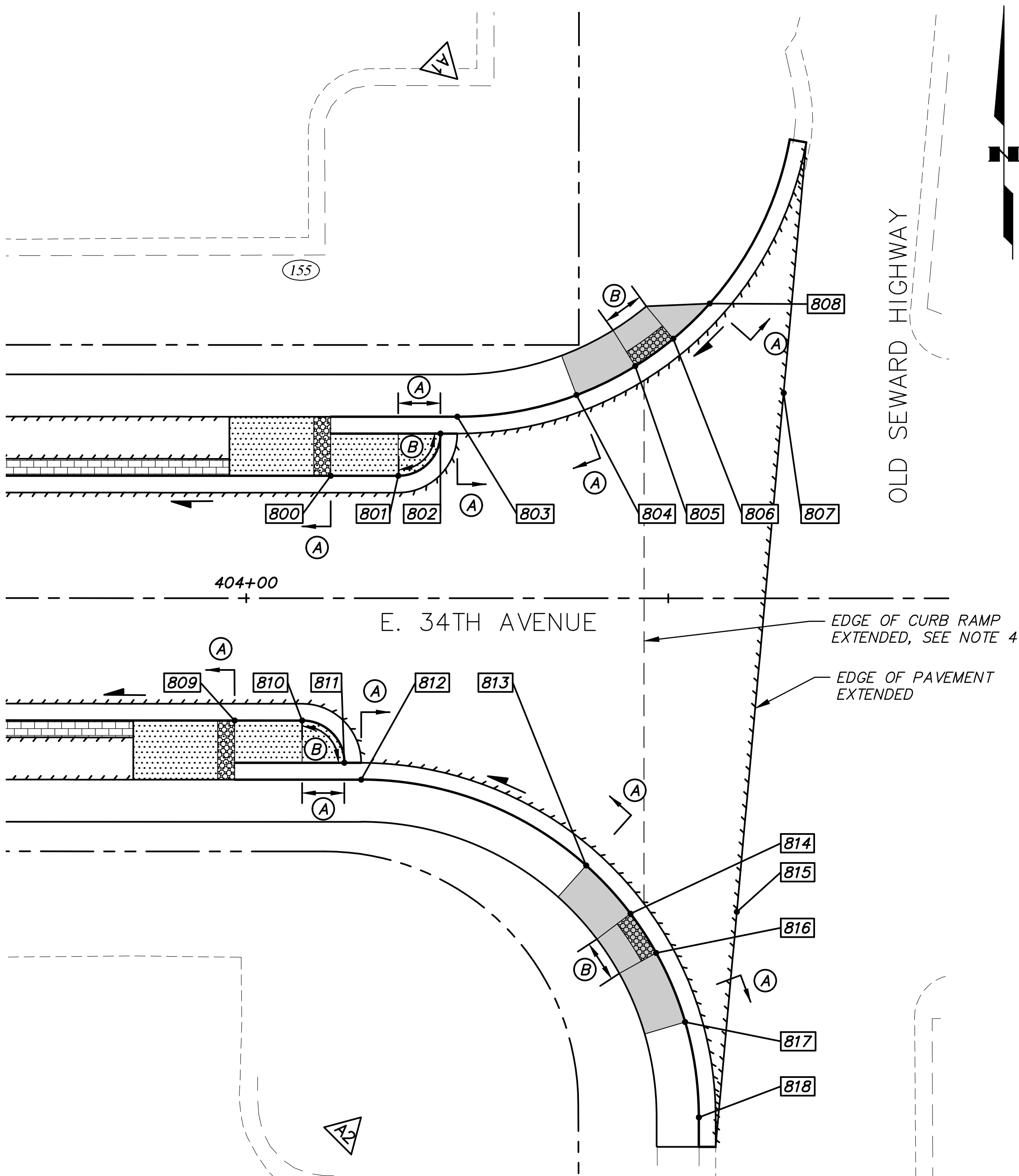
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT



PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT			
16-29	W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY	SCHED A	
INTERSECTION LAYOUT			
E. 34TH AVENUE & FAIRBANKS STREET			
SCALE	HOR. 1"=10' VER. N/A	GRID SW1629, SW1630, SW1631 DATE JAN 2020 STATUS 65%	R35 of R37 SHEET

File: I:\JobData\10135.00 W 32nd And E 33rd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Design\10135.00 Intersection Layout.dwg



LEGEND

- APPROXIMATE DIRECTION OF DRAINAGE FLOWS
- DETECTABLE WARNING PANEL
- PCC CURB RAMP
- PCC SIDEWALK (6" THICK, STANDARD FINISH)
- COLORED CONCRETE (4" THICK, GREEN, RUNNING BOND TILE)
- COLORED CONCRETE (4" THICK, GREEN, BROOM FINISH)

DESIGNATION | **CURB TYPE**

- (A) TYPE 1 CURB
- (B) TYPE 1A CURB

- NOTES**
 - SEE ROADWAY (R) SHEETS FOR ROADWAY & SIDEWALK LOCATIONS.
 - SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS & ELEVATIONS OF SD PIPES & STRUCTURES.
 - SEE SIGNING & STRIPING (S) SHEETS FOR LOCATIONS & TYPES OF SIGNS & TRAFFIC MARKINGS.
 - THE MAXIMUM CROSS-SLOPE BETWEEN EDGE OF PAVEMENT EXTENDED AND EDGE OF CURB RAMP EXTENDED SHALL BE 2%. IF A 2% CROSS-SLOPE CANNOT BE MAINTAINED NOTIFY ENGINEER PRIOR TO INSTALLATION OF AC PAVEMENT.
 - PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.
 - SEE DETAIL (D) SHEETS FOR CURB RAMP DETAILS.
 - LIP OF CURB IS FRONT OF CURB AND GUTTER AT EDGE OF PAVEMENT.

POINT SUMMARY — E. 33RD AVENUE AT OLD SEWARD HIGHWAY								
POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
						LENGTH (FT)	SLOPE (%)	
800								
801								
802								
803								
804								
805								
806								
807								
808								
809								
810								
811								
812								
813								
814								
815								
816								
817								
818								

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

△ CURB RADIUS TABLE				
POINT	TBC RADIUS POINT		RADIUS (FT)	DESCRIPTION
	STATION	OFFSET (FT)		
A1		TO BE COMPLETED FOR 95%	40.0	OLD SEWARD HIGHWAY
A4		TO BE COMPLETED FOR 95%	40.0	OLD SEWARD HIGHWAY

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	TS	MJ
TOPOGRAPHY	BW	BW
PROFILE	AA	JK
STORM SEWER	MV	JH
WATER/SANITARY SEWER	CB	JK
GAS	CB	JK
TELEPHONE	CB	JK
ELECTRIC	JH	TK
DESIGN	AA	JK
QUANTITIES	AA	JK
PRELIMINARY/FINAL	AA	JK
MUNICIPAL/STATE	AA	JK

PLAN CHECKCONSTRUCTION RECORDVERTICAL DATUM

GRAPHIC SCALE
20 10 0 10 20

FIELD BOOKS	BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY
DESIGN CRW BOOK No. 149, 169, 195 & 196	CB 7D	See MOA Benchmark Book, Page D-56	94.77				
	CB 7C	See MOA Benchmark Book, Page D-17	106.10				
STAKING	GAAB 86	See MOA Benchmark Book, Page D-18	104.53				

ASBUILT CONTRACTOR INSPECTOR

BASIS OF THIS DATUM GAAB 1972 ADJUST

REVISIONS

3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECLE882-AK

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

16-29 W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY SCHED A

INTERSECTION LAYOUT

E. 34TH AVENUE & OLD SEWARD HIGHWAY

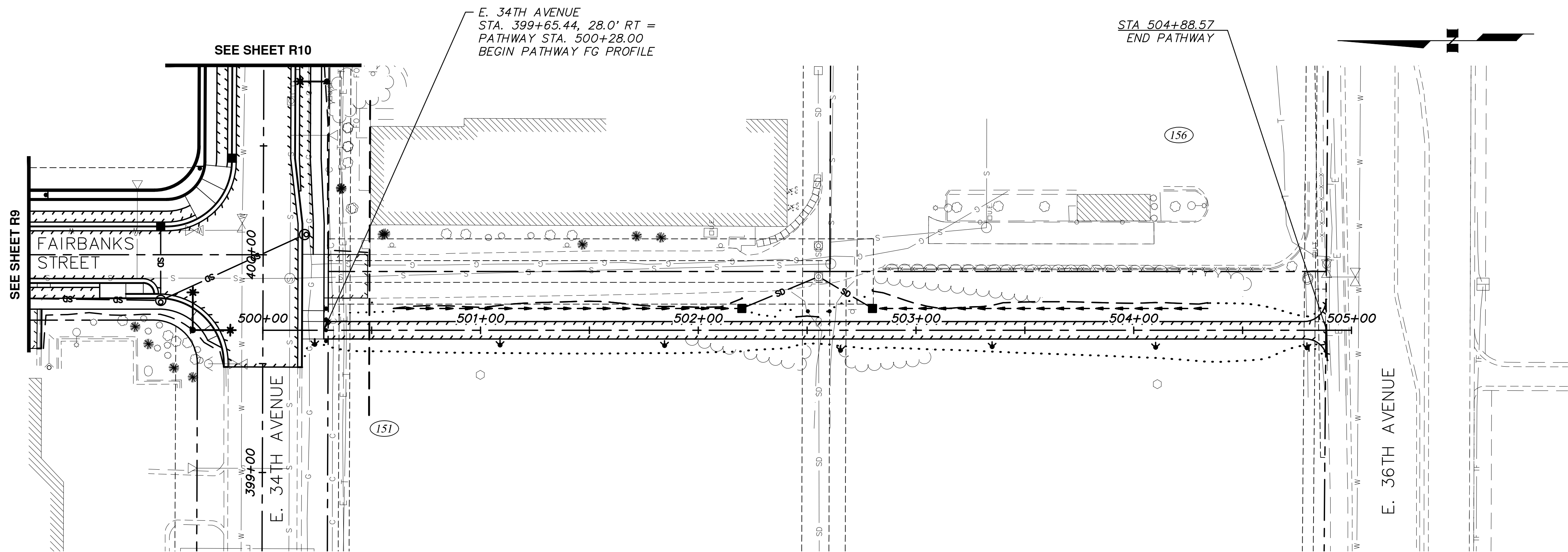
SCALE HOR. 1"=10' VER. N/A

GRID SW1629, SW1630, SW1631

DATE JAN 2020 STATUS 65% SHEET

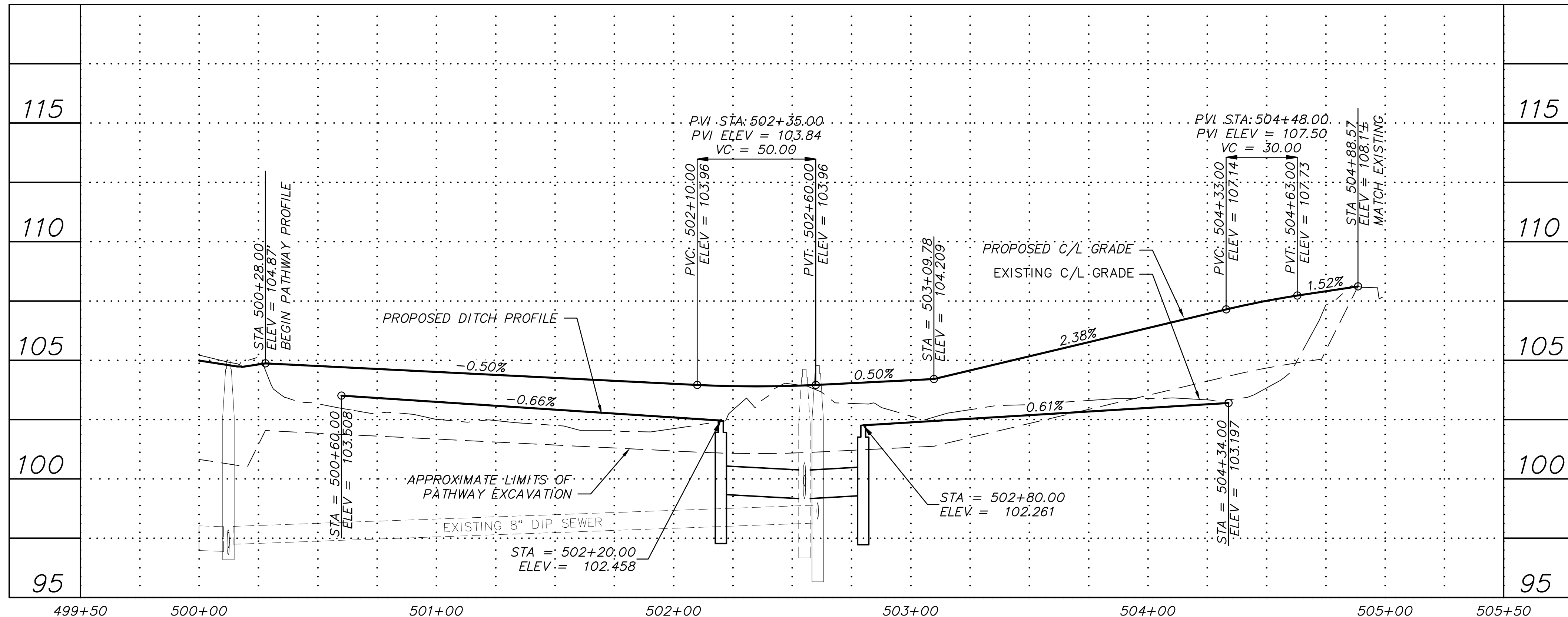
R36 of R37

File: I:\data\10135.00 W 32nd And E 33rd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Design\10135.00 Plan And Profile - Pathway.dwg



NOTES:

1. SEE ROADWAY SUMMARY TABLE (T) SHEETS FOR DETAILED ROADWAY INFORMATION.
2. SEE ROADWAY DETAIL (D) SHEETS FOR ROADWAY DETAILS.
3. FOR DETAILED SOILS INFORMATION, SEE THE SPECIFICATIONS.
4. SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS AND ELEVATIONS OF STORM DRAIN PIPES & STRUCTURES.
5. SEE SURVEY CONTROL (V) SHEETS FOR PROJECT CENTERLINE ALIGNMENT DATA.
6. SEE ILLUMINATION (I) SHEETS FOR ROADWAY LIGHTING INFORMATION.
7. THE DEMOLITION ITEMS REMOVED AS SHOWN ON THE DEMOLITION (B) SHEETS ARE NOT SHOWN FOR CLARITY.



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: _____

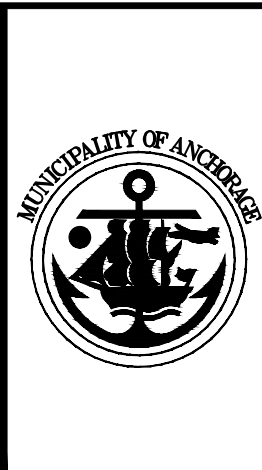
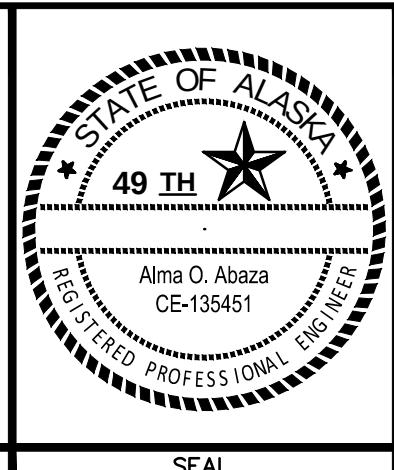
BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	MJ
TOPOGRAPHY	BW	BW
PROFILE	AA	JK
STORM SEWER	MV	JH
WATER/SANITARY SEWER	CB	JK
GAS	CB	JK
TELEPHONE	CB	JK
ELECTRIC	JH	TK
DESIGN	AA	JK
QUANTITIES	AA	JK
PRELIMINARY/FINAL	AA	JK
MUNICIPAL/STATE	AA	JK

FIELD BOOKS		BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY
DESIGN CRW BOOK No. 149, 169, 195 & 196	CB 7D	See MOA Benchmark Book, Page D-56		94.77				
STAKING	CB 7C	See MOA Benchmark Book, Page D-17		106.10				
	GAAB 86	See MOA Benchmark Book, Page D-18		104.53				
BASIS OF THIS DATUM GAAB 1972 ADJUST								
PLAN CHECK		CONSTRUCTION RECORD		VERTICAL DATUM		REVISIONS		

CRW ENGINEERING GROUP LLC

3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AEC0882-AK



PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT					
16-29	W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY		SCHED A		
PATHWAY PLAN AND PROFILE					
PATHWAY E. 34TH AVENUE TO E. 36TH AVENUE					
SCALE HOR. 1"=30' VER. 1"=3'	GRID SW1629, SW1630, SW1631 DATE JAN 2020	STATUS 65%	SHEET R37 of R37		

File-I:\JebData\10136.00 W 32nd And E 33rd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Design\10136.00 Roadway Summary Tables.dwg

RECONSTRUCT DRIVEWAY

SHEET	PARCEL	CENTERLINE REFERENCE		DRIVEWAY WIDTH AT CURB CUT OR EDGE OF PAVEMENT (FT)	DRIVEWAY WIDTH AT ROW (FT)	CURB CUT TYPE	CURB RETURN RADII (FT)	SKEW ANGLE (DEGREES)	LANDING LENGTH (FT)	LANDING GRADE	TOTAL DISTANCE (FT)	EXISTING GRADE	PROPOSED GRADE	SURFACE TYPE ON PROPERTY	L1 (FT)	L2 (FT)	CONSTRUCT PER DETAIL	REMARKS
		STATION	OFFSET															
R1	148	101+24	RT	139.7	139.7	2	N/A	90	10.0	1.5%	27.0	7.8%	7.7%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R1	102	102+45	LT	14.0	14.0	2	N/A	−90	10.0	1.5%	15.5	0.9%	−0.3%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R1	147	102+41	RT	109.8	109.8	2	N/A	90	10.0	1.5%	27.0	1.2%	2.6%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R1	103	104+26	LT	30.0	30.0	2	N/A	−90	10.0	1.5%	22.0	8.3%	8.9%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R1	103/104	105+02	LT	14.0	21.0	2	N/A	−90	10.0	1.5%	22.0	8.0%	1.3%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R1	146	105+42	RT	24.0	24.0	2	N/A	90	10.0	1.5%	33.0	0.7%	0.5%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R1	104	105+76	LT	29.0	29.0	2	N/A	−90	10.0	1.5%	22.0	5.2%	6.8%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R2	105/106	108+22	LT	22.0	22.0	2	N/A	−90	10.0	1.5%	27.0	4.5%	6.3%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R2	144	111+44	RT	24.0	24.0	2	N/A	90	10.0	1.5%	17.0	9.8%	3.7%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R2	108	111+80	LT	14.0	14.0	2	N/A	−90	10.0	1.5%	22.0	6.0%	6.5%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R2	143	113+90	RT	94.2	94.2	2	N/A	90	10.0	1.5%	33.0	4.3%	3.8%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R3	109	114+28	LT	14.0	14.0	2	N/A	−90	10.0	1.5%	32.0	6.7%	7.1%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R3	142	114+84	RT	24.0	24.0	2	N/A	90	10.0	1.5%	33.0	2.0%	1.7%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R3	141	115+58	RT	24.0	24.0	2	N/A	90	10.0	1.5%	27.0	4.6%	1.8%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R3	139/140	116+76	RT	24.0	24.0	2	N/A	90	10.0	1.5%	27.0	1.4%	3.6%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R3	111	117+22	LT	15.0	15.0	2	N/A	−90	10.0	1.5%	25.0	8.6%	9.2%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R3	138	117+64	RT	24.0	24.0	2	N/A	90	10.0	1.5%	27.0	−8.8%	−3.5%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R3	112 WEST	118+02	LT	67.3	67.3	2	N/A	−90	10.0	1.5%	36.0	4.8%	8.2%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R3	137	118+53	RT	21.0	21.0	2	N/A	87	10.0	1.5%	19.5	4.3%	7.8%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R3	112 EAST	119+31	LT	18.0	18.0	2	N/A	−90	10.0	1.5%	18.0	2.4%	1.6%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R3	136 WEST	120+76	RT	27.6	27.6	N/A	5	90	7.0	2.0%	25.0	4.5%	8.4%	ASPHALT	8.0	8.0	DETAIL 1, SHEET D4	
R3	113 WEST	120+79	LT	21.5	21.5	N/A	5	−90	7.0	2.0%	28.0	3.6%	7.6%	ASPHALT	8.0	8.0	DETAIL 1, SHEET D4	
R4	136 CENTER	122+69	RT	22.0	22.0	2	N/A	90	10.0	1.5%	24.5	5.8%	7.2%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R4	113 EAST	122+99	LT	20.0	21.2	2	N/A	−90	10.0	1.5%	24.5	3.7%	1.2%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R4	114	124+67	LT	15.5	15.5	N/A	8 / 6	−90	9.3	2.0%	15.4	5.9%	5.0%	ASPHALT	6.0	5.0	DETAIL 1, SHEET D4	
R4	136 EAST	125+27	RT	24.0	24.0	N/A	5 / 3	90	11.1	−0.9%	11.1	−0.3%	−0.9%	ASPHALT	5.0	7.0	DETAIL 1, SHEET D4	
R6	115 WEST	133+62	LT	25.3	27.0	2	N/A	−90	10.0	1.5%	32.0	−2.8%	−5.4%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R6	133 WEST	134+50	RT	27.0	27.0	2	N/A	90	10.0	1.5%	33.0	0.7%	1.5%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R6	115 WEST	135+79	LT	41.8	36.7	2	N/A	−90	10.0	1.5%	27.9	0.1%	2.4%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R6	116	136+58	LT	23.7	24.0	2	N/A	−90	10.0	1.5%	29.0	2.4%	5.1%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R6	133 EAST	137+95	RT	27.5	27.5	N/A	5	90	9.5	2.0%	30.0	4.5%	7.5%	ASPHALT	8.0	8.0	DETAIL 1, SHEET D4	
R6	132	139+79	RT	15.0	15.0	2	N/A	90	5.0	2.0%	15.0	11.3%	10.8%	ASPHALT	6.0	6.0	DETAIL 2, SHEET D4	
R7	117	140+60	LT	24.0	34.6	2	N/A	−90	10.0	1.5%	24.0	6.4%	5.5%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R7	131	141+97	RT	21.0	21.0	2	N/A	90	10.0	1.5%	22.0	4.0%	4.3%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R7	129 WEST	146+46	RT	20.0	20.0	2	N/A	90	10.0	1.5%	32.0	1.6%	1.1%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	

RECONSTRUCT DRIVEWAY NOTES:

1. "LANDING LENGTH" BEGINS AT THE BACK OF CURB & GUTTER.
2. "LANDING GRADE" IS THE GRADE OF THE LANDING FROM THE BACK OF CURB & GUTTER TO THE END OF LANDING.
3. "SKEW ANGLE" ("+" IS CLOCKWISE AND "−" IS COUNTER CLOCKWISE) IS MEASURED FROM PROJECT CENTERLINE WITH 0 DEGREES ALIGNED ALONG INCREASING STATIONS.
4. "TOTAL DISTANCE" IS THE LIMIT OF RECONSTRUCTION BEGINNING AT THE BACK OF CURB & GUTTER.
5. "PROPOSED GRADE" IS APPROXIMATE GRADE FROM THE END OF THE LANDING TO THE LIMIT OF RECONSTRUCTION. ACTUAL CONSTRUCTION GRADE MAY VARY.
6. SEE SHEET T2 FOR RECONSTRUCT DRIVEWAY SUMMARY TABLE CONTINUED.

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: _____	<table><tr><td>DATA</td><td>DRAWN BY</td><td>CHECKED BY</td></tr><tr><td>BASE</td><td>TS</td><td>MJ</td></tr><tr><td>TOPOGRAPHY</td><td>BW</td><td>BW</td></tr><tr><td>PROFILE</td><td>AA</td><td>JK</td></tr><tr><td>STORM SEWER</td><td>MV</td><td>JH</td></tr><tr><td>WATER/SANITARY SEWER</td><td>CB</td><td>JK</td></tr><tr><td>GAS</td><td>CB</td><td>JK</td></tr><tr><td>TELEPHONE</td><td>CB</td><td>JK</td></tr><tr><td>ELECTRIC</td><td>JH</td><td>TK</td></tr><tr><td>DESIGN</td><td>AA</td><td>JK</td></tr><tr><td>QUANTITIES</td><td>AA</td><td>JK</td></tr><tr><td>PRELIMINARY/FINAL</td><td>AA</td><td>JK</td></tr><tr><td>MUNICIPAL/STATE</td><td>AA</td><td>JK</td></tr></table> PLAN CHECK	DATA	DRAWN BY	CHECKED BY	BASE	TS	MJ	TOPOGRAPHY	BW	BW	PROFILE	AA	JK	STORM SEWER	MV	JH	WATER/SANITARY SEWER	CB	JK	GAS	CB	JK	TELEPHONE	CB	JK	ELECTRIC	JH	TK	DESIGN	AA	JK	QUANTITIES	AA	JK	PRELIMINARY/FINAL	AA	JK	MUNICIPAL/STATE	AA	JK	<table><tr><td>FIELD BOOKS</td><td>BM NO.</td><td>LOCATION</td><td>ELEV.</td><td>REV</td><td>DATE</td><td>DESCRIPTION</td><td>BY</td></tr><tr><td>DESIGN CRW BOOK No. 149, 169, 195 & 196</td><td>CB 7D</td><td>See MOA Benchmark Book, Page D−56</td><td>94.77</td><td></td><td></td><td></td><td></td></tr><tr><td>STAKING</td><td>CB 7C</td><td>See MOA Benchmark Book, Page D−17</td><td>106.10</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>GAAB 86</td><td>See MOA Benchmark Book, Page D−18</td><td>104.53</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>ASBUILT</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CONTRACTOR</td><td></td><td>BASIS OF THIS DATUM GAAB 1972 ADJUST</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>INSPECTOR</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> CONSTRUCTION RECORD	FIELD BOOKS	BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY	DESIGN CRW BOOK No. 149, 169, 195 & 196	CB 7D	See MOA Benchmark Book, Page D−56	94.77					STAKING	CB 7C	See MOA Benchmark Book, Page D−17	106.10						GAAB 86	See MOA Benchmark Book, Page D−18	104.53																					ASBUILT								CONTRACTOR		BASIS OF THIS DATUM GAAB 1972 ADJUST						INSPECTOR																								<table><tr><td>VERTICAL DATUM</td><td>REVISIONS</td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	VERTICAL DATUM	REVISIONS									CRW ENGINEERING GROUP LLC 3940 ARCTIC BLVD. SUITE 300 ANCHORAGE, ALASKA 99503 PHONE: (907) 562-3252 #AECL882-AK	STATE OF ALASKA 49 TH ALMA O. ABRAZ CE-135451 REGISTERED PROFESSIONAL ENGINEER	MUNICIPALITY OF ANCHORAGE	PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT 16-29 W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY SCHED A ROADWAY SUMMARY TABLES SCALE HOR. N/A VER. N/A GRID SW1629, SW1630, SW1631 DATE JAN 2020 STATUS 65% SHEET T1 of T9
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[illegible]

SHEET	PARCEL	CENTERLINE REFERENCE		DRIVEWAY WIDTH AT CURB CUT OR EDGE OF PAVEMENT (FT)	DRIVEWAY WIDTH AT ROW (FT)	CURB CUT TYPE	CURB RETURN RADII (FT)	SKEW ANGLE (DEGREES)	LANDING LENGTH (FT)	LANDING GRADE	TOTAL DISTANCE (FT)	EXISTING GRADE	PROPOSED GRADE	SURFACE TYPE ON PROPERTY	L1 (FT)	L2 (FT)	CONSTRUCT PER DETAIL	REMARKS
		STATION	OFFSET															
R8	129 EAST	147+06	RT	20.0	20.0	2	N/A	90	10.0	1.5%	32.0	2.2%	-1.9%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R8	123	148+85	LT	22.0	22.0	2	N/A	-90	10.0	1.5%	26.0	0.9%	2.3%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	
R8	124	150+33	LT	21.4	21.4	N/A	8	-90	24.3	1.1%	24.3	-1.9%	1.1%	ASPHALT	8.0	8.0	DETAIL 1, SHEET D4	
R8	127	150+34	RT	24.0	24.0	2	N/A	90	24.0	2.0%	23.0	3.2%	6.6%	ASPHALT	6.0	6.0	DETAIL 2, SHEET D4	
R8	126 WEST	151+49	RT	16.0	16.0	1A	N/A	90	12.0	1.5%	17.0	2.5%	2.8%	ASPHALT	6.0	6.0	DETAIL 2, SHEET D4	
R8	ALLEY	151+67	LT	24.0	24.0	N/A	20	-90	5.5	2.0%	36.0	9.8%	7.7%	ASPHALT	8.0	8.0	DETAIL 1, SHEET D4	
R8	125	153+26	LT	34.0	34.0	N/A	10	-90	7.0	2.0%	16.0	3.4%	5.9%	ASPHALT	8.0	N/A	DETAIL 1, SHEET D4	
R8	126 EAST	153+43	RT	19.0	19.0	N/A	22 / 5	90	7.0	-2.0%	15.0	4.3%	1.0%	ASPHALT	8.0	N/A	DETAIL 1, SHEET D4	
R9	128	301+81	RT	26.0	36.0	2	N/A	90	10.0	1.5%	22.5	2.7%	2.2%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	FAIRBANKS STREET
R9	ALLEY	302+25	RT	20.0	20.0	2	N/A	90	10.0	1.5%	35.5	2.9%	2.0%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	FAIRBANKS STREET
R9	153/127	302+32	LT	24.0	34.0	2	N/A	-90	10.0	1.5%	21.5	2.0%	6.9%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	FAIRBANKS STREET
R9	150	303+36	RT	21.0	21.0	2	N/A	90	10.0	1.5%	30.0	3.8%	7.4%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	FAIRBANKS STREET
R10	151/152	399+90	RT	20.0	20.0	1A	N/A	90	10.0	1.5%	28.5	0.2%	-1.2%	ASPHALT	6.0	N/A	DETAIL 2, SHEET D4	EAST 34TH AVENUE
R10	152	401+05	RT	28.5	28.5	2	N/A	90	10.0	1.5%	23.0	-0.7%	-2.0%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	EAST 34TH AVENUE
R10	154	401+17	LT	20.0	20.0	2	N/A	-90	10.0	1.5%	20.0	3.7%	5.9%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	EAST 34TH AVENUE
R10	ALLEY	402+30	LT	16.0	16.0	2	N/A	-90	10.0	1.5%	29.0	1.0%	-1.3%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	EAST 34TH AVENUE
R10	155	403+15	LT	28.0	28.0	2	N/A	-90	10.0	1.5%	25.5	-0.1%	-2.3%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	EAST 34TH AVENUE
R12	107	230+39	RT	17.0	17.0	2	N/A	90	5.0	1.5%	32.5	15.0%	6.4%	ASPHALT	N/A	N/A	DETAIL 3, SHEET D3	DAWSON STREET

RECONSTRUCT DRIVEWAY NOTES:

1. "LANDING LENGTH" BEGINS AT THE BACK OF CURB & GUTTER.
2. "LANDING GRADE" IS THE GRADE OF THE LANDING FROM THE BACK OF CURB & GUTTER TO THE END OF LANDING.
3. "SKEW ANGLE" ("+" IS CLOCKWISE AND "-" IS COUNTER CLOCKWISE) IS MEASURED FROM PROJECT CENTERLINE WITH 0 DEGREES ALIGNED ALONG INCREASING STATIONS.
4. "TOTAL DISTANCE" IS THE LIMIT OF RECONSTRUCTION BEGINNING AT THE BACK OF CURB & GUTTER.
5. "PROPOSED GRADE" IS APPROXIMATE GRADE FROM THE END OF THE LANDING TO THE LIMIT OF RECONSTRUCTION. ACTUAL CONSTRUCTION GRADE MAY VARY.

30.02

P.C.C. CURB AND GUTTER (TYPE 1, STEEL CURB FACING)
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SHEET	BEGIN STATION	OFFSET (FT)	END STATION	OFFSET (FT)	LENGTH (FT)	REMARKS
R2	112+09.35	12.50 RT	112+31.85	11.00 RT	22.5	NECKDOWN
R2	112+09.35	12.50 LT	112+31.85	11.00 LT	22.5	NECKDOWN
R3	115+95.96	11.00 RT	116+18.46	12.50 RT	22.5	NECKDOWN
R3	118+40.18	12.50 RT	119+15.18	14.50 RT	75.1	NECKDOWN
R3	118+40.18	12.50 LT	119+15.18	14.50 LT	75.0	NECKDOWN
R4	121+83.13	17.00 RT	122+52.36	12.50 RT	69.4	NECKDOWN
R4	122+44.95	14.55 LT	122+75.76	12.50 LT	30.9	NECKDOWN
R4	123+79.91	12.50 RT	124+92.41	20.00 RT	112.8	NECKDOWN
R4	123+82.12	12.50 LT	124+50.28	17.04 LT	68.3	NECKDOWN
R6	136+26.86	12.50 LT	137+43.11	20.25 LT	116.5	NECKDOWN
R6	136+30.61	12.50 RT	137+43.11	20.00 RT	112.7	NECKDOWN
R7	140+71.86	21.00 LT	141+35.89	12.50 LT	64.6	NECKDOWN
R8	149+70.13	12.50 RT	149+92.50	15.00 RT	22.5	NECKDOWN
R10	400+14.33	16.00 RT	400+44.33	12.50 RT	30.2	NECKDOWN

P.C.C. CURB AND GUTTER (TYPE 1. STEEL CURB FACING) NOTES:

1. SEE DETAIL 2, SHEET D5 FOR STEEL CURB FACING DETAIL.

RECORD DRAWING		DATA		DRAWN BY		CHECKED BY		PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT									
1. DATA PROVIDED BY: _____ TITLE: _____		BASE	TS	MJ	  												
THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.		TOPOGRAPHY	BW	BW													
CONTRACTOR: _____		PROFILE	AA	JK													
BY: _____ TITLE: _____ DATE: _____		STORM SEWER	MV	JH													
2. DATA TRANSFERRED BY: _____ TITLE: _____		WATER/SANITARY SEWER	CB	JK													
COMPANY: _____ DATE: _____		GAS	CB	JK													
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.		TELEPHONE	CB	JK													
DATA TRANSFER CHECKED BY: _____ TITLE: _____		ELECTRIC	JH	TK													
COMPANY: _____ DATE: _____		DESIGN	AA	JK													
BY: _____		QUANTITIES	AA	JK													
		PRELIMINARY/FINAL	AA	JK													
		MUNICIPAL/STATE	AA	JK													
		PLAN CHECK	CONSTRUCTION RECORD		VERTICAL DATUM		REVISIONS		CONSULTANT		SEAL						
		FIELD BOOKS	BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY								
		DESIGN CRW BOOK No. 149, 169,	CB 7D	See MOA Benchmark Book, Page D—56	94.77												
		195 & 196	CB 7C	See MOA Benchmark Book, Page D—17	106.10												
		STAKING	GAAB 86	See MOA Benchmark Book, Page D—18	104.53												
		ASBUILT	BASIS OF THIS DATUM GAAB 1972 ADJUST														
		CONTRACTOR															
		INSPECTOR															

30.02

P.C.C. CURB AND GUTTER (ALL TYPES)

SHEET	STATION TO STATION	OFFSET (FT)	LENGTH (FT)	REMARKS
R1	99+96 TO 106+00	LT	664	INCLUDES SIDESTREETS AND DRIVEWAYS
R1	100+24 TO 106+00	RT	675	INCLUDES SIDESTREETS, DRIVEWAYS, AND MEDIANS
R2	106+00 TO 114+00	LT	945	INCLUDES SIDESTREETS AND DRIVEWAYS
R2	106+00 TO 114+00	RT	856	INCLUDES SIDESTREETS AND DRIVEWAYS
R3	114+00 TO 121+00	LT	851	INCLUDES SIDESTREETS AND DRIVEWAYS
R3	114+00 TO 121+00	RT	777	INCLUDES SIDESTREETS, DRIVEWAYS, AND MEDIANS
R4	121+00 TO 129+00	LT	1248	INCLUDES SIDESTREETS, DRIVEWAYS, AND MEDIANS
R4	121+00 TO 129+00	RT	1137	INCLUDES SIDESTREETS, DRIVEWAYS, AND MEDIANS
R5	129+00 TO 133+00	LT	683	INCLUDES SIDESTREETS, DRIVEWAYS, AND MEDIANS
R5	129+00 TO 133+00	RT	828	INCLUDES SIDESTREETS, DRIVEWAYS, AND MEDIANS
R6	133+00 TO 140+00	LT	948	INCLUDES SIDESTREETS, DRIVEWAYS, AND MEDIANS
R6	133+00 TO 140+00	RT	771	INCLUDES SIDESTREETS, DRIVEWAYS, AND MEDIANS
R7	140+00 TO 147+00	LT	701	INCLUDES SIDESTREETS AND DRIVEWAYS
R7	140+00 TO 147+00	RT	800	INCLUDES SIDESTREETS AND DRIVEWAYS
R8	147+00 TO 153+57	LT	691	INCLUDES SIDESTREETS AND DRIVEWAYS
R8	147+00 TO 153+57	RT	655	INCLUDES SIDESTREETS AND DRIVEWAYS
R9	300+44 TO 304+01	LT	358	INCLUDES SIDESTREETS AND DRIVEWAYS
R9	300+44 TO 304+02	RT	421	INCLUDES SIDESTREETS AND DRIVEWAYS
R10	399+48 TO 404+64	LT	555	INCLUDES SIDESTREETS AND DRIVEWAYS
R10	399+48 TO 404+64	RT	570	INCLUDES SIDESTREETS AND DRIVEWAYS

PCC CURB & GUTTER (ALL TYPES) NOTES:

1. SEE INTERSECTION LAYOUT SHEETS AND DRIVEWAY RECONSTRUCTION SHEETS R16--R36 FOR LOCATIONS AND TYPES OF CURB AND GUTTER.
2. SEE 20.28 RECONSTRUCT DRIVEWAY TABLE FOR LOCATIONS OF DRIVEWAY CURB CUTS.

PCC CURB & GUTTER (ALL TYPES) NOTES:

1. SEE INTERSECTION LAYOUT SHEETS AND DRIVEWAY RECONSTRUCTION SHEETS R16--R36 FOR LOCATIONS AND TYPES OF CURB AND GUTTER.
2. SEE 20.28 RECONSTRUCT DRIVEWAY TABLE FOR LOCATIONS OF DRIVEWAY CURB CUTS.

30.03

P.C.C. SIDEWALK

SHEET	APPX BEGIN STA	APPX OFFSET (FT)	APPX END STA	APPX OFFSET (FT)	4" THICK, AREA (SY)	6" THICK, AREA (SY)	REMARKS
R1	100+24.4	43.5 RT	100+25.9	35.6 RT	4	0	
R1	100+24.4	43.5 LT	100+25.8	35.9 LT	4	0	
R1	100+43.0	21.8 LT	102+32.3	21.5 LT	109	0	
R1	100+43.0	21.8 RT	100+61.4	21.5 RT	10	0	
R1	100+61.4	21.5 RT	102+85.0	21.5 RT	0	124	
R1	100+73.4	14.5 RT	102+73.0	14.5 RT	0	44	
R1	102+32.3	14.5 LT	102+58.3	14.5 LT	0	6	
R1	102+32.3	21.5 LT	102+58.3	21.5 LT	0	14	
R1	102+58.3	21.5 LT	103+06.9	21.5 LT	27	0	
R1	102+85.0	21.5 RT	103+02.0	21.5 RT	9	0	
R1	103+22.0	33.9 RT	103+22.1	53.1 RT	11	0	
R1	103+57.8	33.5 RT	103+57.8	53.3 RT	11	0	
R1	103+73.4	21.5 LT	104+05.1	21.5 LT	18	0	
R1	103+77.8	21.5 RT	105+23.9	21.5 RT	81	0	
R1	104+05.1	14.5 LT	104+47.1	14.5 LT	0	9	
R1	104+05.1	21.5 LT	104+47.1	21.5 LT	0	23	
R1	104+47.1	21.5 LT	104+89.1	21.5 LT	23	0	
R1	104+89.1	14.5 LT	105+15.1	14.5 LT	0	6	
R1	104+89.1	21.5 LT	105+15.1	21.5 LT	0	14	
R1	105+15.1	21.5 LT	105+55.2	21.5 LT	22	0	
R1	105+23.9	14.5 RT	105+59.9	14.5 RT	0	8	
R1	105+23.9	21.5 RT	105+59.9	21.5 RT	0	20	
R1	105+55.2	14.5 LT	105+96.2	14.5 LT	0	9	
R1	105+55.2	21.5 LT	105+96.2	21.5 LT	0	23	
R1	105+59.9	21.5 RT	106+00.0	21.5 RT	22	0	
R1	105+96.2	21.5 LT	106+00.0	21.5 LT	2	0	
R2	106+00.0	21.5 RT	106+33.4	21.5 RT	19	0	
R2	106+00.0	21.5 LT	106+31.4	21.5 LT	17	0	
R2	106+50.4	21.5 RT	109+45.4	21.5 RT	164	0	
R2	106+97.7	21.5 LT	108+04.6	21.5 LT	59	0	
R2	108+04.6	14.5 LT	108+38.6	14.5 LT	0	8	
R2	108+04.6	21.5 LT	108+38.6	21.5 LT	0	19	
R2	108+38.6	21.5 LT	109+43.4	21.5 LT	24	0	
R2	109+62.4	21.5 RT	111+26.1	21.5 RT	91	0	
R2	109+62.7	29.7 LT	109+63.4	54.3 LT	13	0	
R2	109+98.0	54.4 LT	109+99.9	27.0 LT	15	0	
R2	110+18.0	21.5 LT	111+67.2	21.5 LT	83	0	
R2	111+26.1	14.5 RT	111+62.1	14.5 RT	0	8	
R2	111+26.1	21.5 RT	111+62.1	21.5 RT	0	20	
R2	111+62.1	21.5 RT	112+58.1	20.0 RT	53	0	
R2	111+67.2	14.5 LT	111+93.2	14.5 LT	0	6	
R2	111+67.2	21.5 LT	111+93.2	21.5 LT	0	14	
R2	111+93.2	21.5 LT	112+57.8	20.0 LT	36	0	
R2	112+76.0	47.9 LT	112+78.0	32.1 LT	8	0	
R2	112+77.8	32.0 RT	112+77.9	51.6 RT	11	0	
R2	113+14.0	51.6 RT	113+14.0	32.0 RT	11	0	
R2	113+14.1	31.8 LT	113+15.7	47.9 LT	8	0	
R2	113+34.0	20.0 RT	113+46.0	20.0 RT	7	0	
R2	113+34.1	20.0 LT	114+00.0	20.0 LT	37	0	
R2	113+46.0	20.0 RT	114+00.0	20.0 RT	0	30	
R2	113+58.0	13.0 RT	114+00.0	13.0 RT	0	9	

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.

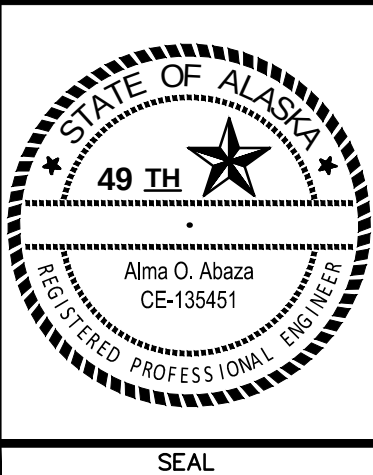
DATA TRANSFER CHECKED BY: _____ TITLE: _____

COMPANY: _____ DATE: _____

BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	MJ
TOPOGRAPHY	BW	BW
PROFILE	AA	JK
STORM SEWER	MV	JH
WATER/SANITARY SEWER	CB	JK
GAS	CB	JK
TELEPHONE	CB	JK
ELECTRIC	JH	TK
DESIGN	AA	JK
QUANTITIES	AA	JK
PRELIMINARY/FINAL	AA	JK
MUNICIPAL/STATE	AA	JK
PLAN CHECK		

FIELD BOOKS	BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY
DESIGN CRW BOOK No. 149, 169, 195 & 196	CB 7D	See MOA Benchmark Book, Page D-56	94.77				
STAKING	CB 7C	See MOA Benchmark Book, Page D-17	106.10				
	GAAB 86	See MOA Benchmark Book, Page D-18	104.53				
ASBUILT							
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST						
INSPECTOR							
CONSTRUCTION RECORD	VERTICAL DATUM			REVISIONS			



PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT			
16-29	W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY	SCHED A	
ROADWAY SUMMARY TABLES			

16-29	W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY	SCHED A
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ROADWAY SUMMARY TABLES

SCALE HOR. N/A VER. N/A GRID SW1629, SW1630, SW1631 DATE JAN 2020 STATUS 65% SHEET T3 of T9

30.03

P.C.C. SIDEWALK (CONTINUED)

SHEET	APPX BEGIN STA	APPX OFFSET (FT)	APPX END STA	APPX OFFSET (FT)	4" THICK, AREA (SY)	6" THICK, AREA (SY)	REMARKS
R3	114+00.0	13.0 RT	114+44.9	13.0 RT	0	9	
R3	114+00.0	20.0 RT	114+44.9	20.0 RT	0	25	
R3	114+00.0	20.0 LT	114+15.3	20.0 LT	8	0	
R3	114+15.3	13.0 LT	114+41.3	13.0 LT	0	6	
R3	114+15.3	20.0 LT	114+41.3	20.0 LT	0	14	
R3	114+41.3	20.0 LT	115+38.7	20.0 LT	54	0	
R3	114+44.9	20.0 RT	114+65.6	20.0 RT	6	0	
R3	114+65.6	13.0 RT	115+01.6	13.0 RT	0	8	
R3	114+65.6	20.0 RT	115+01.6	20.0 RT	0	20	
R3	115+01.6	20.0 RT	115+40.5	20.0 RT	22	0	
R3	115+40.5	13.0 RT	115+76.5	13.0 RT	0	8	
R3	115+40.5	20.0 RT	115+76.5	20.0 RT	0	20	
R3	115+58.7	31.9 LT	115+58.9	55.8 LT	6	0	
R3	115+76.5	20.0 RT	115.96.29	20.0 RT	11	0	
R3	115+94.9	33.6 LT	115+95.0	55.7 LT	12	0	
R3	116+13.3	21.2 RT	116+58.4	21.5 RT	25	0	
R3	116+14.9	21.5 LT	117+08.6	21.5 LT	52	0	
R3	116+58.4	14.5 RT	116+94.4	14.5 RT	0	8	
R3	116+58.4	21.5 RT	116+94.4	21.5 RT	0	20	
R3	116+94.4	21.5 RT	117+46.0	21.5 RT	29	0	
R3	117+08.6	14.5 LT	117+35.6	14.5 LT	0	6	
R3	117+08.6	21.5 LT	117+35.6	21.5 LT	0	15	
R3	117+35.6	21.5 LT	117+63.1	21.5 LT	15	0	
R3	117+46.0	14.5 RT	117+82.0	14.5 RT	0	8	
R3	117+46.0	21.5 RT	117+82.0	21.5 RT	0	20	
R3	117+63.1	14.5 LT	118+42.7	14.5 LT	0	18	
R3	117+63.1	21.5 LT	118+42.7	21.6 LT	0	44	
R3	117+82.0	21.5 RT	118+35.7	21.5 RT	30	0	
R3	118+35.9	14.5 RT	118+68.7	15.9 RT	0	7	
R3	118+35.9	21.5 RT	118+68.7	22.8 RT	0	18	
R3	118+42.5	21.6 LT	119+16.4	16.5 LT	41	0	
R3	118+69.0	15.9 RT	119+62.8	25.0 RT	52	0	
R3	119+16.4	16.5 LT	119+46.4	16.5 LT	0	7	
R3	119+16.4	23.5 LT	119+46.4	23.5 LT	0	17	
R3	119+46.4	23.5 LT	119+62.8	23.5 LT	9	0	
R3	119+79.2	42.6 RT	119+79.8	39.9 RT	1	0	
R3	119+79.9	41.9 LT	119+79.9	35.1 LT	4	0	
R3	120+25.0	43.0 RT	120+47.6	26.0 RT	8	0	
R3	120+25.0	42.0 LT	120+53.1	24.0 LT	22	0	
R4	121+04.5	24.0 LT	122+82.7	21.5 LT	99	0	
R4	121+05.0	26.0 RT	122+52.3	21.5 RT	82	0	
R4	122+52.3	14.5 RT	122+86.3	14.5 RT	0	8	
R4	122+52.3	21.5 RT	122+86.3	21.5 RT	0	19	
R4	122+82.7	14.5 LT	123+14.7	14.5 LT	0	7	
R4	122+82.7	21.5 LT	123+14.7	21.5 LT	0	18	
R4	122+86.3	21.5 RT	125+02.3	27.0 RT	120	0	
R4	123+14.7	21.5 LT	124+41.8	23.7 LT	71	0	
R4	124+88.1	24.0 LT	125+91.0	39.1 LT	65	0	
R4	125+57.3	27.0 RT	125+91.0	42.1 RT	22	0	
R4	126+44.4	53.2 LT	129+00.0	26.2 LT	178	0	
R4	126+54.4	52.5 RT	129+00.0	39.2 RT	164	0	

30.03

P.C.C. SIDEWALK (CONTINUED)

SHEET	APPX BEGIN STA	APPX OFFSET (FT)	APPX END STA	APPX OFFSET (FT)	4" THICK, AREA (SY)	6" THICK, AREA (SY)	REMARKS
R5	129+00.0	39.2 RT	130+61.5	26.9 RT	80	0	
R5	129+00.0	26.2 LT	129+50.1	57.2 LT	41	0	
R5	129+79.7	75.5 LT	130+61.5	26.7 LT	53	0	
R5	130+78.5	25.6 LT	131+79.4	21.5 LT	56	0	
R5	130+78.7	25.5 RT	131+27.4	22.3 RT	27	0	
R5	131+79.3	53.8 RT	131+75.9	35.3 RT	10	0	
R5	131+93.1	21.5 RT	133+00.0	21.5 RT	69	0	
R5	131+99.8	21.5 LT	133+00.0	21.5 LT	47	0	
R6	133+00.0	21.5 RT	134+30.3	21.5 RT	75	0	
R6	133+00.0	21.5 LT	133+43.0	21.5 LT	21	0	
R6	133+43.0	14.5 LT	133+80.3	14.5 LT	0	8	
R6	133+43.0	21.5 LT	133+80.3	21.5 LT	0	21	
R6	133+80.3	21.5 LT	135+54.5	21.5 LT	97	0	
R6	134+30.3	14.5 RT	134+69.4	14.5 RT	0	9	
R6	134+30.3	21.5 RT	134+69.4	21.5 RT	0	22	
R6	134+69.4	21.5 RT	137+66.7	27.0 RT	165	0	
R6	135+54.5	14.5 LT	136+08.3	14.5 LT	0	12	
R6	135+54.5	21.5 LT	136+08.3	21.5 LT	0	30	
R6	136+08.3	21.5 LT	136+39.0	22.3 LT	17	0	
R6	136+38.5	22.3 LT	136+74.1	24.7 LT	0	20	
R6	136+39.0	15.3 LT	136+74.6	17.7 LT	0	8	
R6	136+74.1	24.7 LT	138+52.6	31.4 LT	99	0	
R6	138+23.9	27.0 RT	138+53.0	29.3 RT	20	0	
R6	138+70.4	51.4 LT	138+71.5	59.2 LT	4	0	
R6	138+70.5	49.4 RT	138+71.5	62.7 RT	9	0	
R6	139+30.4	50.0 LT	139+30.5	59.0 LT	5	0	
R6	139+30.8	57.7 RT	139+30.9	46.0 RT	6	0	
R6	139+48.2	25.2 RT	139+65.8	24.0 RT	9	0	
R6	139+50.4	30.0 LT	140+00.0	30.0 LT	28	0	
R6	139+65.8	24.0 RT	139+92.8	24.0 RT	0	15	
R6	139+92.8	24.0 RT	140+00.0	24.0 RT	4	0	
R7	140+00.0	24.0 RT	141+80.5	21.5 RT	100	0	
R7	140+00.0	30.0 LT	140+41.9	30.0 LT	23	0	
R7	140+41.9	23.0 LT	140+77.6	22.2 LT	0	8	
R7	140+41.9	30.0 LT	140+78.5	29.1 LT	0	21	
R7	140+78.5	29.1 LT	143+24.9	21.5 LT	137	0	
R7	141+80.5	14.5 RT	142+13.5	14.5 RT	0	7	
R7	141+80.5	21.5 RT	142+13.5	21.5 RT	0	18	
R7	142+13.5	21.5 RT	143+22.9	21.5 RT	61	0	
R7	143+41.9	21.5 LT	147+00.0	21.5 LT	199	0	
R7	143+88.9	63.3 RT	143+90.9	34.2 RT	7	0	
R7	144+18.8	21.5 RT	146+30.2	21.5 RT	129	0	
R7	146+30.2	14.5 RT	146+62.2	14.5 RT	0	7	
R7	146+30.2	21.5 RT	146+62.2	21.5 RT	0	18	
R7	146+62.2	21.5 RT	146+89.9	21.5 RT	15	0	
R7	146+89.9	14.5 RT	147+21.9	14.5 RT	0	2	
R7	146+89.9	21.5 RT	147+21.9	21.5 RT	0	6	

RECORD DRAWING

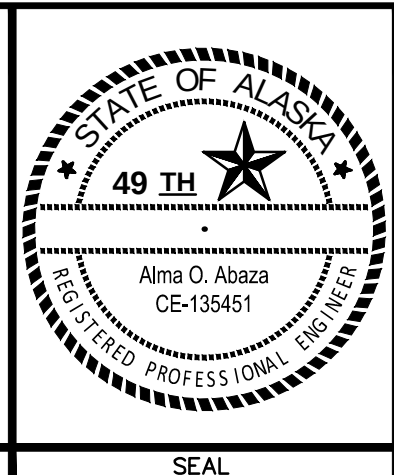
1. DATA PROVIDED BY: _____ TITLE: _____
THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION
OF THE PROJECT AS CONSTRUCTED.
CONTRACTOR: _____
BY: _____ TITLE: _____ DATE: _____

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	TS	MJ
TOPOGRAPHY	BW	BW
PROFILE	AA	JK
STORM SEWER	MV	JH
WATER/SANITARY SEWER	CB	JK
GAS	CB	JK
TELEPHONE	CB	JK
ELECTRIC	JH	TK
DESIGN	AA	JK
QUANTITIES	AA	JK
PRELIMINARY/FINAL	AA	JK
MUNICIPAL/STATE	AA	JK
PLAN CHECK		

FIELD BOOKS	BW NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY	
DESIGN CRW BOOK No. 149, 169, 195 & 196	CB 70	See MOA Benchmark Book, Page D-56	94.77					
	CB 7C	See MOA Benchmark Book, Page D-17	106.10					
STAKING	GAAB 86	See MOA Benchmark Book, Page D-18	104.53					
ASBUILT								
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST							
INSPECTOR								
CONSTRUCTION RECORD	VERTICAL DATUM			REVISIONS				



**PROJECT MANAGEMENT AND ENGINEERING
DEPARTMENT**

16-29	W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY	SCHED A
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ROADWAY SUMMARY TABLES

SCALE	HOR. N/A	GRID SW1629, SW1630, SW1631		SHEET	T4 of T9
	VER. N/A	DATE JAN 2020	STATUS 65%		

P.C.C. SIDEWALK (CONTINUED)

RECORD DRAWING

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: _____

FIELD BOOKS		BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION		BY
DESIGN CRW BOOK No. 149, 169, 195 & 196		CB 7D	See MOA Benchmark Book, Page D-56	94.77					
STAKING		CB 7C	See MOA Benchmark Book, Page D-17	106.10					
		GAAB 86	See MOA Benchmark Book, Page D-18	104.53					
ASBUILT									
CONTRACTOR		BASIS OF THIS DATUM GAAB 1972 ADJUST							
INSPECTOR									
CONSTRUCTION RECORD		VERTICAL DATUM			REVISIONS				



30.04

P.C.C. CURB RAMP (6" THICK) & DETECTABLE WARNINGS

PCC CURB RAMP & DETECTABLE WARNING NOTES:

1. SEE INTERSECTION LAYOUT SHEETS ###-###
FOR LOCATIONS OF CURB RAMPS AND
DETECTABLE WARNINGS.

30.04

P.C.C. CURB RAMP (6" THICK) & DETECTABLE WARNINGS (CONTINUED)

SHEET	APPX STATION	OFFSET (FT)	CURB RAMP AREA (SY)	DETECTABLE WARNING AREA (SF)	CURB RAMP TYPE	REMARKS
R4	125+16	RT	16	0	UNIDIRECTIONAL	
R4	125+46	RT	6	0	UNIDIRECTIONAL	
R4	125+89	RT	7	11	PERPENDICULAR	
R4	125+89	LT	7	11	PERPENDICULAR	
R4	126+62	LT	12	15	PERPENDICULAR	
R4	126+67	RT	10	10	PERPENDICULAR	
R4	126+93	LT	0	14	BIKE	
R4	126+97	RT	0	14	BIKE	
R5	129+53	LT	14	10	PARALLEL	
R5	129+76	LT	14	10	PARALLEL	
R5	130+70	—	7	40	SPECIAL LANDING	
R5	130+70	RT	23	10	PARALLEL	
R5	130+70	LT	23	10	PARALLEL	
R5	131+12	RT	0	14	BIKE	
R5	131+41	RT	8	20	UNIDIRECTIONAL	
R5	131+81	RT	14	20	PARALLEL	
R5	131+90	LT	24	11	PARALLEL	
R5	132+07	RT	0	14	BIKE	
R6	137+80	RT	14	0	UNIDIRECTIONAL	
R6	138+12	RT	7	0	UNIDIRECTIONAL	
R6	138+16	LT	0	14	BIKE	
R6	138+64	RT	27	22	PARALLEL	
R6	138+64	LT	14	22	PARALLEL	
R6	139+36	LT	15	28	PARALLEL	
R6	139+37	RT	14	23	PARALLEL	
R6	139+63	LT	0	14	BIKE	
R7	140+67	RT	0	19	BIKE	
R7	143+08	RT	0	14	BIKE	
R7	143+33	LT	23	10	PARALLEL	
R7	143+38	RT	10	26	UNIDIRECTIONAL	
R7	144+03	RT	17	29	PARALLEL	
R7	144+34	RT	0	14	BIKE	
R8	148+90	RT	32	15	PARALLEL	
R8	149+21	LT	0	14	BIKE	
R8	149+47	RT	11	11	PARALLEL	
R8	149+47	LT	12	12	PARALLEL	
R8	150+16	LT	7	16	UNIDIRECTIONAL	
R8	150+49	LT	7	16	UNIDIRECTIONAL	
R8	151+47	LT	9	12	PARALLEL	
R8	151+86	LT	9	12	PARALLEL	
R8	153+02	LT	8	18	UNIDIRECTIONAL	
R8	153+15	RT	12	36	UNIDIRECTIONAL	

PCC CURB RAMP & DETECTABLE WARNING NOTES:

1. SEE INTERSECTION LAYOUT SHEETS R16-R36 FOR LOCATIONS OF CURB RAMPS AND DETECTABLE WARNINGS.

30.04

P.C.C. CURB RAMP (6" THICK) & DETECTABLE WARNINGS (CONTINUED)

SHEET	APPX STATION	OFFSET (FT)	CURB RAMP AREA (SY)	DETECTABLE WARNING AREA (SF)	CURB RAMP TYPE	REMARKS
R9	300+60	LT	0	14	BIKE	
R9	303+87	RT	0	14	BIKE	
R10	399+65	RT	14	16	PARALLEL	
R10	399+65	LT	9	11	PARALLEL	
R10	400+26	LT	32	15	PARALLEL	
R10	403+99	RT	0	14	BIKE	
R10	404+10	LT	0	14	BIKE	
R10	404+47	RT	12	11	PARALLEL	
R10	404+48	LT	9	11	PARALLEL	

30.10

COLORED CONCRETE (4" THICK, RED, RUNNING BOND TILE)

SHEET	APPX BEGIN STA	APPX OFFSET (FT)	APPX END STA	APPX OFFSET (FT)	4" THICK, AREA (SY)	REMARKS
R1	99+99.9	40.1 RT	100+00.5	34.0 RT	6	
R3	120+56.2	6.0 RT	121+00.0	6.0 RT	10	
R4	121+00.0	6.0 RT	121+13.5	6.0 RT	3	
R4	124+87.5	4.0 LT	125+64.1	4.0 LT	17	
R4	128+32.9	0	129+00.0	3.6 RT	33	
R5	129+00.0	3.6 RT	129+31.4	6.6 RT	44	
R5	130+33.3	0	130+62.6	0	18	
R5	130+76.6	0	130+87.1	0	2	
R6	137+32.3	4.0 LT	138+46.4	4.0 LT	25	
R6	139+57.0	4.0 LT	139+62.9	3.0 RT	1	

30.10

COLORED CONCRETE (THICKNESS, GREEN, RUNNING BOND TILE)

SHEET	APPX BEGIN STA	APPX OFFSET (FT)	APPX END STA	APPX OFFSET (FT)	4" THICK, AREA (SY)	6" THICK, AREA (SY)	REMARKS
R1	100+43.8	26.7 RT	103+02.0	26.5 RT	0	57	
R1	100+73.4	14.5 LT	102+32.3	14.5 LT	35	0	
R1	102+58.3	14.5 LT	102+73.0	14.5 LT	3	0	
R1	104+00.4	14.5 LT	104+47.1	14.5 LT	1	0	
R1	104+04.8	14.5 RT	105+23.9	14.5 RT	26	0	
R1	104+47.1	14.5 LT	104+89.1	14.5 LT	9	0	
R1	105+15.1	14.5 LT	105+55.2	14.5 LT	9	0	
R1	105+59.9	14.5 RT	106+00.0	14.5 RT	9	0	
R1	105+96.2	14.5 LT	106+00.0	14.5 LT	1	0	
R2	106+00.0	14.5 RT	106+33.4	14.5 RT	7	0	
R2	106+00.0	14.5 LT	106+04.4	14.5 LT	1	0	
R2	106+50.4	14.5 RT	109+45.4	14.5 RT	66	0	
R2	107+24.7	14.5 LT	108+04.6	14.5 LT	18	0	
R2	108+38.6	14.5 LT	109+16.4	14.5 LT	17	0	
R2	109+62.4	14.5 RT	111+26.1	14.5 RT	36	0	
R2	110+47.0	14.5 LT	111+67.2	14.5 LT	27	0	
R2	111+62.1	14.5 RT	12+31.9	13.0 RT	16	0	
R2	111+93.2	14.5 LT	112+31.9	13.0 LT	9	0	
R2	113+44.7	25.0 RT	114+00.0	25.0 RT	0	12	
R2	113+61.1	13.0 LT	114+00.0	13.0 LT	9	0	

RECORD DRAWING

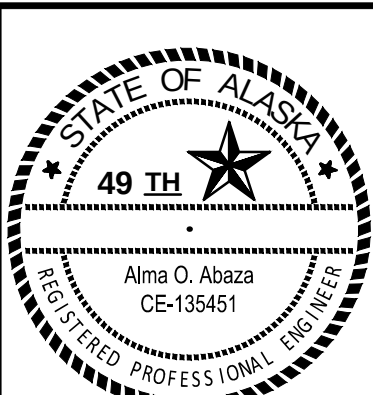
1. DATA PROVIDED BY: _____ TITLE: _____
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COMPANY: _____ DATE: _____

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COMPANY: _____ DATE: _____
BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	TS	MJ
TOPOGRAPHY	BW	BW
PROFILE	AA	JK
STORM SEWER	MV	JH
WATER/SANITARY SEWER	CB	JK
GAS	CB	JK
TELEPHONE	CB	JK
ELECTRIC	JH	TK
DESIGN	AA	JK
QUANTITIES	AA	JK
PRELIMINARY/FINAL	AA	JK
MUNICIPAL/STATE	AA	JK
PLAN CHECK		

FIELD BOOKS		BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY
DESIGN GRW BOOK No. 149, 169,		CB 7D	See MOA Benchmark Book, Page D-56	94.77				
195 & 196		CB 7C	See MOA Benchmark Book, Page D-17	106.10				
STAKING		GAAB 86	See MOA Benchmark Book, Page D-18	104.53				
ASBUILT								
CONTRACTOR		BASIS OF THIS DATUM GAAB 1972 ADJUST						
INSPECTOR								
CONSTRUCTION RECORD		VERTICAL DATUM			REVISIONS			



PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

16-29	W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY	SCHED A
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ROADWAY SUMMARY TABLES

SCALE HOR. N/A VER. N/A GRID SW1629, SW1630, SW1631 DATE JAN 2020 STATUS 65% SHEET T6 of T9

30.10

COLORED CONCRETE (THICKNESS, GREEN, RUNNING BOND TILE) CONTINUED

SHEET	APPX BEGIN STA	APPX OFFSET (FT)	APPX END STA	APPX OFFSET (FT)	4" THICK, AREA (SY)	6" THICK, AREA (SY)	REMARKS
R3	114+00.0	25.0 RT	114+38.9	25.0 RT	0	9	
R3	114+00.0	13.0 LT	114+15.3	13.0 LT	3	0	
R3	114+41.3	13.0 LT	115+11.7	13.0 LT	16	0	
R3	114+44.9	13.0 RT	114+65.6	13.0 RT	5	0	
R3	115+01.6	13.0 RT	115+40.5	13.0 RT	9	0	
R3	115+76.5	13.0 RT	115+96.8	13.1 RT	4	0	
R3	116+13.7	14.2 RT	116+58.4	14.5 RT	10	0	
R3	116+43.8	14.5 LT	117+08.6	14.5 LT	14	0	
R3	116+94.4	14.5 RT	117+46.0	14.5 RT	11	0	
R3	117+35.6	14.5 LT	117+63.1	14.5 LT	6	0	
R3	117+69.1	28.5 LT	118+36.4	28.5 LT	0	15	
R3	117+82.0	14.5 RT	118+35.9	14.5 RT	12	0	
R3	118+42.7	14.6 LT	119+16.4	16.5 LT	16	0	
R3	118+69.0	15.9 RT	119+35.8	18.0 RT	15	0	
R4	121+98.5	18.0 RT	122+52.3	14.5 RT	12	0	
R4	122+64.4	15.3 LT	122+82.7	14.5 LT	4	0	
R4	122+86.3	14.5 RT	124+36.1	18.3 RT	30	0	
R4	123+14.7	14.5 LT	124+15.2	16.7 LT	21	0	
R4	127+05.0	26.0 LT	129+00.0	19.2 LT	46	0	
R4	127+09.4	14.5 RT	129+00.0	31.8 RT	45	0	
R5	129+00.0	31.8 RT	130+60.5	20.0 RT	33	0	
R5	129+00.0	19.2 LT	129+54.9	59.4 LT	19	0	
R5	129+78.5	74.6 LT	130+60.8	19.7 LT	23	0	
R5	130+78.1	18.6 LT	131+79.4	14.5 LT	22	0	
R5	130+78.3	18.6 RT	131+00.0	17.1 RT	5	0	
R5	131+99.8	14.5 LT	133+00.0	14.5 LT	20	0	
R5	132+17.5	14.5 RT	133+00.0	14.5 RT	20	0	
R6	133+00.0	14.5 RT	134+30.3	14.5 RT	30	0	
R6	133+00.0	14.5 LT	133+43.0	14.5 LT	9	0	
R6	133+80.3	14.5 LT	135+54.5	14.5 LT	39	0	
R6	134+69.4	14.5 RT	136+86.8	18.3 RT	45	0	
R6	136+08.3	14.5 LT	136+39.0	15.3 LT	7	0	
R6	136+74.6	17.7 LT	138+04.5	22.3 LT	29	0	
R6	139+77.4	23.0 LT	140+00.0	23.0 LT	5	0	
R7	140+00.0	23.0 LT	140+41.9	23.0 LT	9	0	
R7	140+77.6	22.2 LT	143+24.9	14.5 LT	55	0	
R7	140+86.9	14.5 RT	141+80.5	14.5 RT	21	0	
R7	142+13.5	14.5 RT	142+95.9	14.5 RT	18	0	
R7	143+41.9	14.5 LT	147+00.0	14.5 LT	80	0	
R7	144+45.8	14.5 RT	146+30.2	14.5 RT	41	0	
R7	146+62.2	14.5 RT	146+89.9	14.5 RT	6	0	
R8	147+00.0	14.5 LT	148+67.8	14.5 LT	37	0	
R8	147+21.9	14.5 RT	148+76.1	14.7 RT	34	0	
R8	149+01.7	14.5 LT	149+08.7	14.5 LT	2	0	

RECORD DRAWING

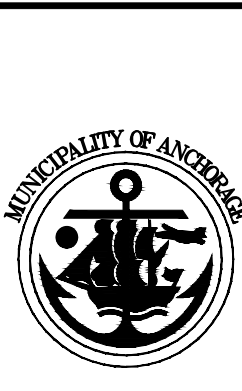
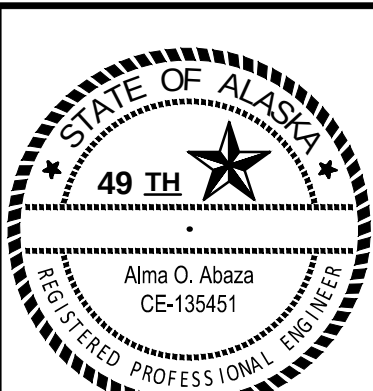
1. DATA PROVIDED BY: _____ TITLE: _____
THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
CONTRACTOR: _____
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DATA TRANSFER CHECKED BY: _____ TITLE: _____
COMPANY: _____ DATE: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

DATA	DRAWN BY	CHECKED BY
BASE	TS	MJ
TOPOGRAPHY	BW	BW
PROFILE	AA	JK
STORM SEWER	MV	JH
WATER/SANITARY SEWER	CB	JK
GAS	CB	JK
TELEPHONE	CB	JK
ELECTRIC	JH	TK
DESIGN	AA	JK
QUANTITIES	AA	JK
PRELIMINARY/FINAL	AA	JK
MUNICIPAL/STATE	AA	JK
PLAN CHECK		

FIELD BOOKS	BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY
DESIGN CRW BOOK No. 149, 169,	CB 7D	See MOA Benchmark Book, Page D-56	94.77				
195 & 196	CB 7C	See MOA Benchmark Book, Page D-17	106.10				
STAKING	GAAB 86	See MOA Benchmark Book, Page D-18	104.53				
ASBUILT							
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST						
INSPECTOR							
CONSTRUCTION RECORD			VERTICAL DATUM	REVISIONS			



PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT				
16-29		W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY		SCHED A
ROADWAY SUMMARY TABLES				
SCALE	HOR. N/A VER. N/A	GRID SW1629, SW1630, SW1631		T7 of T9
		DATE JAN. 2020	STATUS 65%	SHEET

30.10

COLORED CONCRETE (THICKNESS, GREEN, RUNNING BOND TILE) CONTINUED

SHEET	APPX BEGIN STA	APPX OFFSET (FT)	APPX END STA	APPX OFFSET (FT)	4" THICK, AREA (SY)	6" THICK, AREA (SY)	REMARKS
R9	300+31.2	16.0 RT	301+62.0	13.0 RT	29	0	
R9	300+71.7	13.0 LT	302+14.3	13.0 LT	32	0	
R9	302+00.0	13.0 RT	302+08.6	13.0 RT	2	0	
R9	302+40.6	13.0 RT	303+19.1	13.0 RT	17	0	
R9	302+50.3	13.0 LT	304+19.6	16.5 LT	38	0	
R9	303+52.1	13.0 RT	303+74.8	13.0 RT	5	0	
R10	400+29.3	16.3 RT	400+85.1	14.5 RT	12	0	
R10	400+40.1	14.6 LT	401+00.7	14.5 LT	13	0	
R10	401+25.6	14.5 RT	403+86.6	14.5 RT	58	0	
R10	401+32.7	14.5 LT	402+18.9	14.5 LT	19	0	
R10	402+46.9	14.5 LT	402+94.9	14.5 LT	11	0	
R10	403+34.9	14.5 LT	403+98.0	14.5 LT	14	0	

30.10

COLORED CONCRETE (THICKNESS, GREEN, BROOM FINISH)

SHEET	APPX BEGIN STA	APPX OFFSET (FT)	APPX END STA	APPX OFFSET (FT)	4" THICK, AREA (SY)	REMARKS
R1	100+48.4	19.5 RT	100+73.4	14.5 RT	16	
R1	100+48.4	19.5 LT	100+73.4	14.5 LT	16	
R1	102+73.0	14.5 RT	102+98.0	19.5 RT	16	
R1	102+73.0	14.5 LT	102+98.0	19.5 LT	16	
R1	103+75.4	19.5 LT	104+00.0	14.5 LT	16	
R1	103+79.8	19.5 RT	104+04.8	14.5 RT	16	
R2	106+04.4	14.5 LT	106+29.4	19.5 LT	16	
R2	106+99.7	19.5 LT	107+24.7	14.5 LT	16	
R2	109+16.4	14.5 LT	109+41.4	19.5 LT	16	
R2	110+22.0	19.5 LT	110+47.0	14.5 LT	16	
R2	112+31.9	13.0 RT	112+56.1	18.0 RT	15	
R2	112+31.9	13.0 LT	112+55.8	18.0 LT	15	
R2	113+36.0	18.0 RT	113+58.0	13.0 RT	14	
R2	113+36.1	18.0 LT	113+61.1	13.0 LT	16	
R3	115+11.7	13.0 LT	115+36.7	18.0 LT	16	
R3	116+18.8	19.5 LT	116+43.8	14.5 LT	16	
R3	119+35.8	18.0 RT	119+60.8	23.0 RT	16	
R3	119+40.4	18.5 LT	119+60.8	21.5 LT	12	
R4	121+70.1	24.0 RT	121+98.5	18.0 RT	19	
R4	122+40.4	21.9 LT	122+64.4	15.3 LT	15	
R4	126+80.0	31.0 LT	127+05.0	26.0 LT	16	
R4	126+84.4	22.5 RT	127+09.4	17.5 RT	16	
R5	131+00.0	17.1 RT	131+25.3	20.5 RT	16	
R5	131+94.9	19.4 RT	132+17.5	14.5 RT	16	
R6	138+04.5	22.3 LT	138+29.5	27.3 LT	16	
R6	139+52.4	28.0 LT	139+77.4	23.0 LT	16	
R7	140+51.2	22.0 RT	140+86.9	14.5 RT	30	
R7	142+95.9	14.5 RT	143+20.9	19.5 RT	16	
R7	144+20.8	19.5 RT	144+45.8	14.5 RT	16	

30.12

HIGH-PERFORMANCE CONCRETE (8" THICK, COLOR, BROOM FINISH)

SHEET	APPX BEGIN STA	APPX OFFSET (FT)	APPX END STA	APPX OFFSET (FT)	8" THICK RED, AREA (SY)	8" THICK NATURAL, AREA (SY)	REMARKS
R3	120+36.3	6.0 RT	120+53.2	6.0 RT	11	0	
R4	125+67.1	4.0 LT	125+76.4	4.0 LT	6	0	
R5	129+59.9	4.7 RT	129+60.5	4.3 LT	0	13	
R5	129+59.9	4.7 RT	129+63.1	13.2 RT	13	0	
R5	129+60.5	4.3 LT	129+64.2	12.4 LT	13	0	
R5	129+63.1	13.2 RT	129+70.0	19.7 RT	0	13	
R5	129+64.2	12.4 LT	129+70.0	18.6 LT	0	13	
R5	129+70.0	19.7 RT	129+79.8	22.8 RT	13	0	
R5	129+70.0	18.6 LT	129+77.2	22.2 LT	13	0	
R5	129+77.2	22.2 LT	129+85.4	22.9 LT	0	13	
R5	129+79.8	22.8 RT	129+89.2	22.1 RT	0	13	
R5	129+85.4	22.9 LT	129+93.9	20.1 LT	13	0	
R5	129+89.2	22.1 RT	129+97.2	18.0 RT	13	0	
R5	129+93.9	20.1 LT	130+00.8	14.4 LT	0	13	
R5	129+97.2	18.0 RT	130+03.0	11.1 RT	0	13	
R5	130+00.8	14.4 LT	130+04.9	6.4 LT	13	0	
R5	130+03.0	11.1 RT	130+05.7	2.6 RT	13	0	
R5	130+04.9	6.4 LT	130+05.7	2.6 RT	0	13	

50.06

REMOVE AND REPLACE MANHOLE CONE SECTION OR MANHOLE COVER AND FRAME

SHEET	STATION	OFFSET (FT)	CONE SECTION	COVER AND FRAME	REMARKS
R1	101+85.6	26.1 LT	X		
R6	135+77.2	9.7 RT	X		
R6	139+17.8	13.8 RT		X	
R7	143+17.5	13.2 RT		X	
R7	146+59.8	12.6 RT		X	
R8	149+17.2	12.6 RT	X		
R8	151+67.2	11.9 RT		X	
R8	152+29.5	33.1 RT		X	
R8	153+50.4	11.9 RT		X	
R9	302+10.9	10.3 RT	X		
R9	304+62	10.9 RT	X		

REMOVE AND REPLACE MANHOLE CONE SECTION OR MANHOLE COVER AND FRAME NOTES:

1. REMOVE AND REPLACE MANHOLE CONE SECTION OR MANHOLE COVER AND FRAME PER MASS DETAILS 50-25 AND 50-26.

2. COORDINATE W/ ENGINEER IN FIELD TO VERIFY WHETHER CONE SECTION OR MANHOLE COVER AND FRAME REPLACEMENT IS REQUIRED.

55.07 & 55.08

ADJUST STORM DRAIN MANHOLE CONE OR RING

SHEET	STATION	OFFSET (FT)	CONE	RING	REMARKS
R1	99+99.9	32.5 RT		X	
R2	112+97.7	1.9 LT		X	
R2	113+13.2	2.0 LT		X	
R3	115+80.2	2.1 LT	X		
R3	120+13.6	35.8 LT		X	C STREET
R3	120+64.9	34.1 RT		X	PARCEL 136
R4	126+50.0	58.8 LT		X	
R4	126+50.2	2.9 RT		X	
R5	129+85.3	73.7 LT	X		PARCEL 115
R5	131+96.2	16.5 RT	X		
R6	139+08.0	40.6 RT		X	DENALI STREET

ADJUST STORM DRAIN MANHOLE CONE OR RING NOTES:

1. ADJUST STORM DRAIN MANHOLE CONE OR RING PER MASS DETAILS 55-17 AND 55-18.

55.12

ADJUST CATCH BASIN TO FINISH GRADE

SHEET	STATION	OFFSET (FT)	REMARKS
R4	119+80.5	35.0 LT	C STREET
R4	120+24.2	35.8 LT	C STREET
R4	121+54.5	35.2 RT	PARCEL 136
R4	125+91.5	42.2 LT	A STREET
R4	126+43.5	59.1 LT	A STREET
R5	129+56.2	53.6 LT	PARCEL 115
R6	138+72.1	54.4 LT	DENALI STREET
R6	138+72.2	54.3 RT	DENALI STREET
R37	502+55.2	24.5 LT	PARCEL 156

RECORD DRAWING

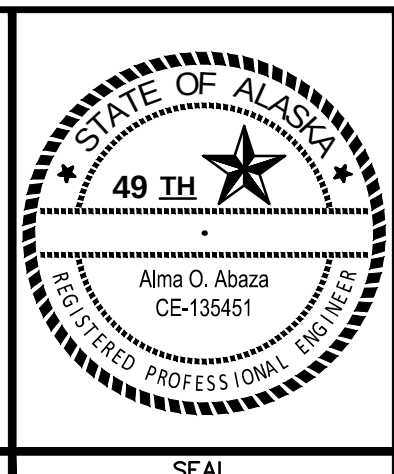
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THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION
OF THE PROJECT AS CONSTRUCTED.
CONTRACTOR: _____
BY: _____ TITLE: _____ DATE: _____

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: _____

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BASE	TS	MJ
TOPOGRAPHY	BW	BW
PROFILE	AA	JK
STORM SEWER	MV	JH
WATER/SANITARY SEWER	CB	JK
GAS	CB	JK
TELEPHONE	CB	JK
ELECTRIC	JH	TK
DESIGN	AA	JK
QUANTITIES	AA	JK
PRELIMINARY/FINAL	AA	JK
MUNICIPAL/STATE	AA	JK
PLAN CHECK		

FIELD BOOKS	BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY
DESIGN CRW BOOK No. 149, 169,	CB 7D	See MOA Benchmark Book, Page D-56	94.77				
195 & 196	CB 7C	See MOA Benchmark Book, Page D-17	106.10				
STAKING	GAAB 86	See MOA Benchmark Book, Page D-18	104.53				
ASBUILT							
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST						
INSPECTOR							
CONSTRUCTION RECORD	VERTICAL DATUM			REVISIONS			



PROJECT MANAGEMENT AND ENGINEERING
DEPARTMENT

16-29	W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY	SCHED A
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ROADWAY SUMMARY TABLES

SCALE HOR. N/A VER. N/A GRID SW1629, SW1630, SW1631 DATE JAN 2020 STATUS 65% SHEET T8 of T9

SHEET	STATION	OFFSET (FT)	VALVE BOX TOP SECTION	KEY BOX	REMARKS
R1	99+92.2	40.4 RT	X		
R1	103+54.6	9.5 LT	X		
R1	105+20.3	6.8 LT	X		
R1	105+95.6	9.1 LT	X		
R2	106+21.8	30.0 RT		X	
R2	106+23.3	10.5 LT	X		
R2	106+94.6	9.7 LT	X		
R2	107+10.6	9.8 LT	X		
R2	109+59.4	27.8 LT	X		
R2	111+64.2	7.2 LT	X		
R2	112+68.5	9.2 LT	X		
R2	113+04.1	9.9 LT	X		
R2	113+04.8	11.0 LT	X		
R2	113+04.8	8.6 LT	X		
R2	113+06.2	10.0 LT	X		
R3	115+54.5	29.7 RT		X	
R3	115+60.5	10.0 LT	X		
R3	115+61.7	11.2 LT	X		
R3	115+63.1	10.1 LT	X		
R3	117+84.8	10.8 LT	X		
R3	118+11.8	30.0 RT		X	
R3	119+04.5	22.9 RT		X	
R3	119+62.9	9.2 LT	X		
R3	119+92.3	29.2 LT	X		
R3	119+94.8	14.2 LT	X		
R4	121+16.1	16.4 LT	X		
R4	121+21.8	12.0 LT	X		
R4	125+57.8	14.4 LT	X		
R4	125+85.8	9.8 LT	X		
R4	126+27.4	4.2 LT	X		
R4	127+10.2	5.6 LT	X		
R5	129+64.1	4.3 LT	X		
R5	131+07.4	1.4 RT	X		
R5	132+44.1	6.5 LT	X		
R5	132+46.7	4.2 LT	X		
R6	132+56.1	2.8 LT	X		
R6	135+88.0	14.1 LT	X		
R6	136+40.9	26.5 RT	X		
R6	136+43.7	30.0 RT		X	
R6	136+44.2	9.8 LT	X		
R6	138+94.3	12.8 LT	X		
R6	138+98.3	39.3 RT	X		
R6	139+26.7	2.9 LT	X		

SHEET	STATION	OFFSET (FT)	VALVE BOX TOP SECTION	KEY BOX	REMARKS
R7	140+13.0	29.9 RT		X	
R7	142+39.0	30.0 LT		X	
R7	142+62.2	8.3 LT	X		
R7	143+88.2	13.3 LT	X		
R7	145+35.3	30.0 RT		X	
R7	147+27.4	30.0 RT		X	
R7	147+41.4	30.0 RT		X	
R8	147+61.0	9.9 LT	X		
R8	148+18.3	13.8 LT	X		
R8	149+25.0	28.0 RT	X		
R8	149+45.9	10.9 LT	X		
R8	149+49.7	38.0 RT		X	
R8	149+85.9	14.9 LT	X		
R8	150+03.6	30.0 LT		X	
R8	151+45.9	5.2 LT	X		
R8	152+18.7	5.2 LT	X		
R8	153+46.2	12.6 LT	X		
R8	153+55.9	10.1 LT	X		
R9	301+34.3	36.6 LT		X	
R9	304+18.3	11.2 LT	X		
R10	399+49.8	11.2 LT	X		
R10	400+14.5	9.7 LT	X		
R10	401+05.9	8.4 LT	X		
R10	404+46.4	9.9 LT	X		

1. REMOVE AND REPLACE VALVE BOX TOP SECTION AS SHOWN ON MASS DETAIL 60-08.
2. ADJUST KEY BOX PER MASS DETAIL 60-16.

SHEET	STATION	OFFSET (FT)	REMARKS
R4	12+50.1	33.5 LT	SEE NOTE 2
R5	132+43.3	20.0 LT	CONNECT TO EXISTING HYDRANT LEG
R6	136+29.2	28.7 RT	CONNECT TO EXISTING HYDRANT GATE VALVE, INSTALL 11.25' BEND AT EXISTING GATE VALVE

1. REMOVE AND REPLACE VALVE BOX TOP SECTION AS SHOWN ON MASS DETAIL 60-08.
2. ADJUST KEY BOX PER MASS DETAIL 60-16.

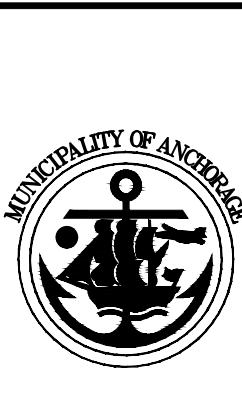
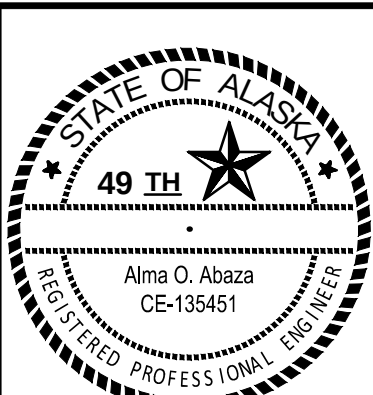
1. DATA PROVIDED BY: _____ TITLE: _____
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CONTRACTOR: _____
BY: _____ TITLE: _____ DATE: _____

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	TS	MJ
TOPOGRAPHY	BW	BW
PROFILE	AA	JK
STORM SEWER	MV	JH
WATER/SANITARY SEWER	CB	JK
GAS	CB	JK
TELEPHONE	CB	JK
ELECTRIC	JH	TK
DESIGN	AA	JK
QUANTITIES	AA	JK
PRELIMINARY/FINAL	AA	JK
MUNICIPAL/STATE	AA	JK
PLAN CHECK		

FIELD BOOKS	BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY
DESIGN CRW BOOK No. 149, 169,	CB 7D	See MOA Benchmark Book, Page D-56	94.77				
195 & 196	CB 7C	See MOA Benchmark Book, Page D-17	106.10				
STAKING	GAAB 86	See MOA Benchmark Book, Page D-18	104.53				
ASBUILT							
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST						
INSPECTOR							
CONSTRUCTION RECORD	VERTICAL DATUM			REVISIONS			



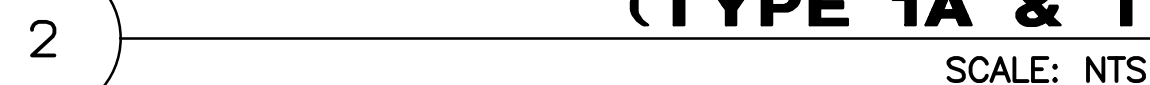
ROADWAY SUMMARY TABLES

SCALE HOR. N/A VER. N/A GRID SW1629, SW1630, SW1631 DATE JAN 2020 STATUS 65% SHEET T9 of T9





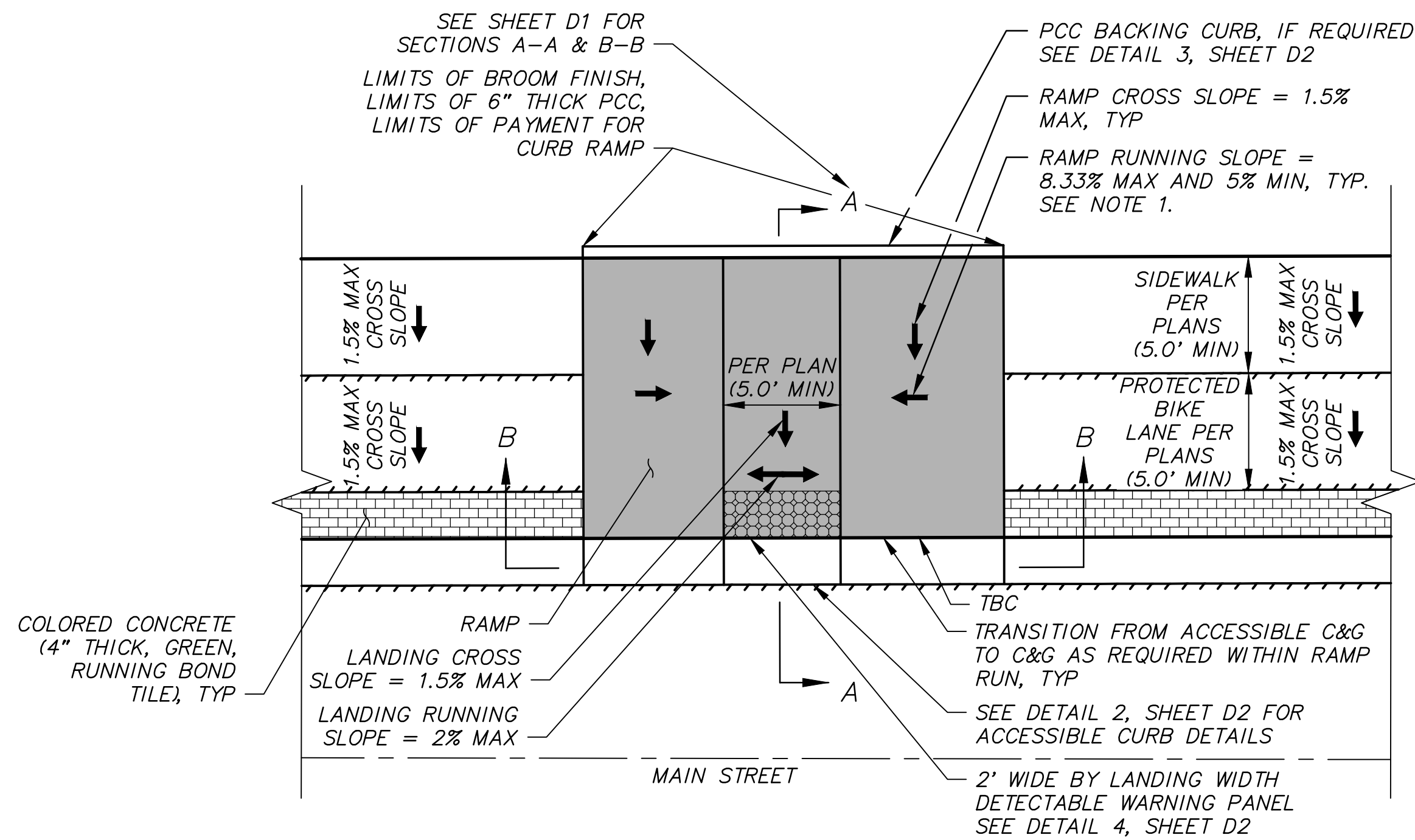
1. TRANSITION CURBS TO MAINTAIN CONSTANT FLOWLINE ACROSS CURB RAMP AND AROUND CURB RETURN IAW PLANS.
2. PAYMENT FOR ALL PCC CURB AND GUTTER, INCLUDING MODIFIED AND TRANSITIONAL CURB, SHALL BE PAID UNDER THE BID ITEM "PCC CURB & GUTTER (ALL TYPES)" AND NO SEPARATE PAYMENT SHALL BE MADE.



1. SEE SHEET NOTES ON SHEET D1.

File: J:\JobsData\10138.00 W 32nd And E 33rd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Design\10138.00 Details - Roadway.dwg

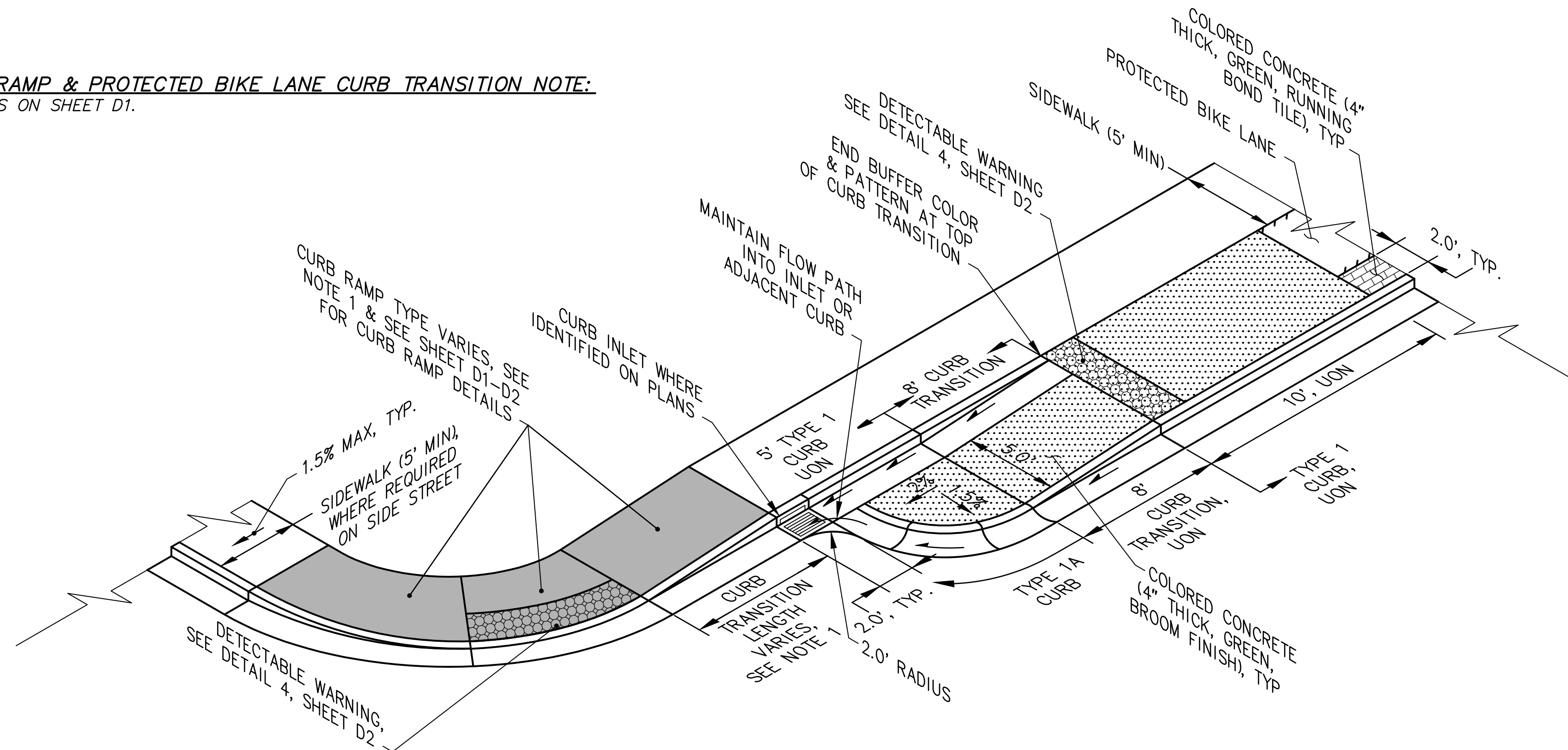
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**TYPICAL PARALLEL CURB RAMP AT
NON-CORNER LOCATION WITH
PROTECTED BIKE LANE - PLAN VIEW**

SCALE: NTS

PARALLEL CURB RAMP & PROTECTED BIKE LANE CURB TRANSITION NOTE:
1. SEE SHEET NOTES ON SHEET D1.



PROTECTED BIKE LANE CURB TRANSITION

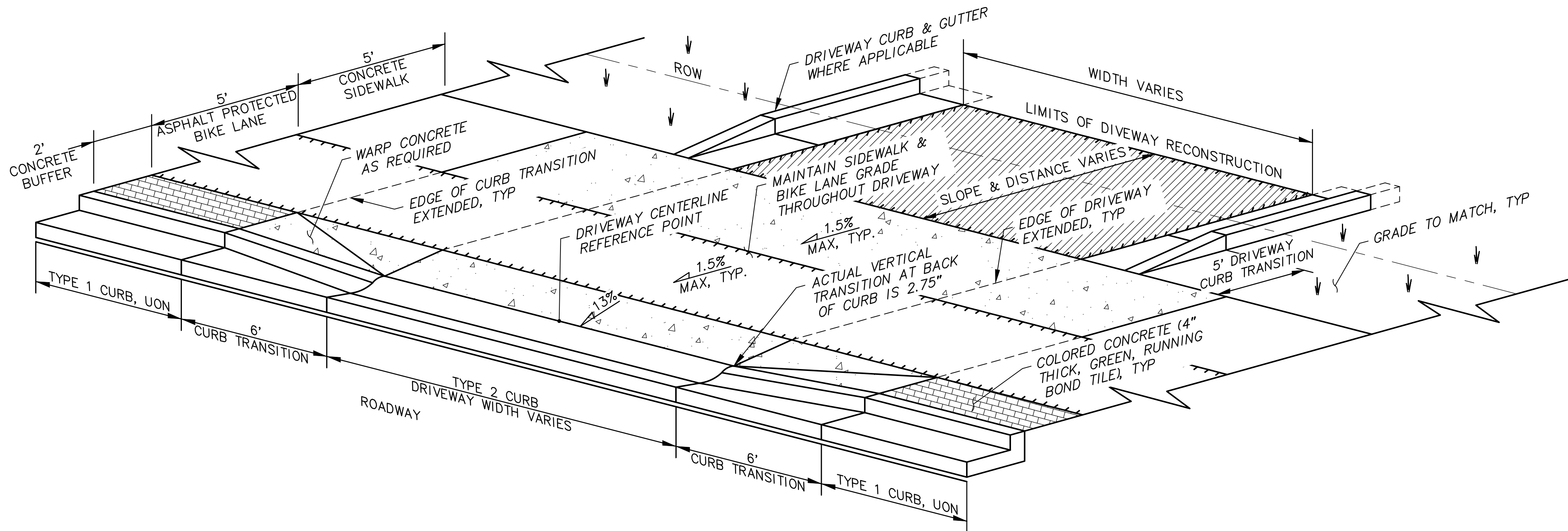
SCALE: NTS

DRIVEWAY LEGEND:

- LIMITS OF 2" AC PAVEMENT (CLASS E) FOR DRIVEWAY
- PCC SIDEWALK (6" THICK, STANDARD FINISH), SEE NOTE 4
- COLORED CONCRETE (4" THICK, GREEN, RUNNING BOND TILE), TYP

DRIVEWAY NOTES:

- ALL SLOPES ARE IN REFERENCE TO THE HORIZONTAL.
- PAYMENT FOR PCC CURB & GUTTER (ALL TYPES) AND TRANSITION C&G SHALL BE PAID UNDER THE BID ITEM "PCC CURB & GUTTER, (ALL TYPES)" AND NO SEPARATE PAYMENT SHALL BE MADE.
- CENTER THE PROPOSED DRIVEWAY ENTRANCES ON DRIVEWAY CENTERLINE REFERENCE POINT AS SHOWN IN THE 20.28 RECONSTRUCT DRIVEWAY SUMMARY TABLES PROVIDED ON THE ROADWAY SUMMARY TABLE "T" SHEETS OR AS SHOWN ON THE DRIVEWAY RECONSTRUCTION PLANS.
- INCREASE SIDEWALK THICKNESS TO 6" ACROSS DRIVEWAYS AND RAMP TRANSITIONS AND ADD WELDED STEEL WIRE REINFORCEMENT PER THE SPECIFICATIONS.
- SEE 20.28 DRIVEWAY RECONSTRUCTION SUMMARY TABLES ON THE ROADWAY SUMMARY TABLE "T" SHEETS AND DRIVEWAY RECONSTRUCTION PLANS, FOR INDIVIDUAL DRIVEWAY SPECIFICS.
- WHERE INSULATION IS INSTALLED IN ROADWAY, INSTALL INSULATION UNDER DRIVEWAY PER DETAIL 4, SHEET C8.



**TYPICAL DRIVEWAY APPROACH
W/ PROTECTED BIKE LANE**

SCALE: NTS

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____

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CONTRACTOR: _____

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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.

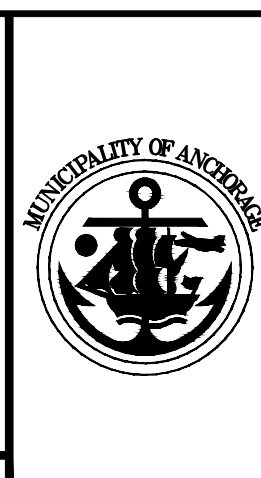
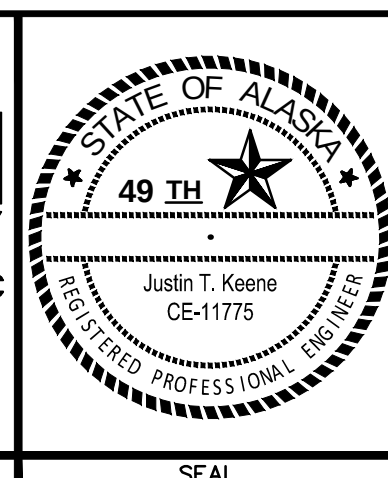
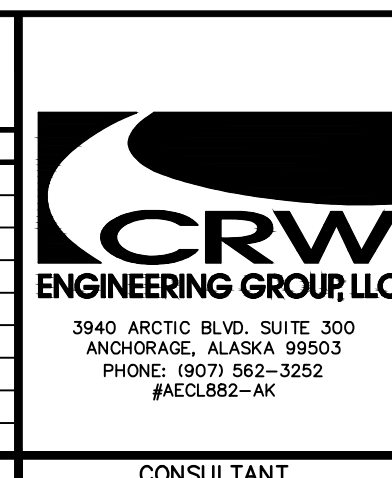
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COMPANY: _____ DATE: _____

BY: _____

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TOPOGRAPHY	BW	BW
PROFILE	AA	JK
STORM SEWER	MV	JH
WATER/SANITARY SEWER	CB	JK
GAS	CB	JK
TELEPHONE	CB	JK
ELECTRIC	JH	TK
DESIGN	AA	JK
QUANTITIES	AA	JK
PRELIMINARY/FINAL	AA	JK
MUNICIPAL/STATE	AA	JK

FIELD BOOKS	BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY
DESIGN CRW BOOK No. 149, 169, 195 & 196	CB 7D	See MOA Benchmark Book, Page D-56	94.77				
STAKING	CB 7C	See MOA Benchmark Book, Page D-17	106.10				
	GAAB 86	See MOA Benchmark Book, Page D-18	104.53				
ASBUILT							
CONTRACTOR							
INSPECTOR							
PLAN CHECK							
CONSTRUCTION RECORD							
VERTICAL DATUM							
REVISIONS							



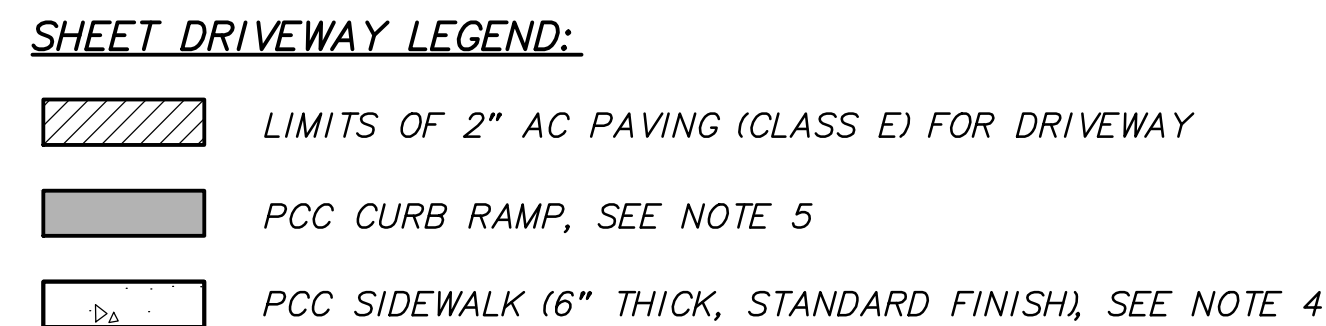
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

16-29 W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY SCHED A

ROADWAY DETAILS

CURB RAMP, PROTECTED BIKE LANE TRANSITION & DRIVEWAY APPROACH

SCALE HOR. N/A VER. N/A GRID SW1629, SW1630, SW1631 DATE JAN 2020 STATUS 65% SHEET D3 of D7



1

SHEET DRIVEWAY NOTES:

1. ALL SLOPES ARE IN REFERENCE TO THE HORIZONTAL.
2. PAYMENT FOR PCC CURB & GUTTER (ALL TYPES) AND TRANSITION C&G SHALL BE PAID UNDER THE BID ITEM "PCC CURB & GUTTER, (ALL TYPES)" AND NO SEPARATE PAYMENT SHALL BE MADE.
3. CENTER THE PROPOSED DRIVEWAY ENTRANCES ON DRIVEWAY CENTERLINE REFERENCE POINT AS SHOWN IN THE 20.28 RECONSTRUCT DRIVEWAY SUMMARY TABLES PROVIDED ON THE ROADWAY SUMMARY TABLE "T" SHEETS OR AS SHOWN ON THE DRIVEWAY RECONSTRUCTION PLANS.
4. INCREASE SIDEWALK THICKNESS TO 6" ACROSS LANDINGS AND RAMP TRANSITIONS AND ADD WELDED STEEL WIRE REINFORCEMENT PER THE SPECIFICATIONS.
5. SEE 20.28 DRIVEWAY RECONSTRUCTION SUMMARY TABLES ON THE ROADWAY SUMMARY TABLE "T" SHEETS AND DRIVEWAY RECONSTRUCTION PLANS, FOR INDIVIDUAL DRIVEWAY SPECIFICS.
6. WHERE INSULATION IS INSTALLED IN ROADWAY, INSTALL INSULATION UNDER DRIVEWAY PER DETAIL 4, SHEET C8.



SCALE: NTS

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____

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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.

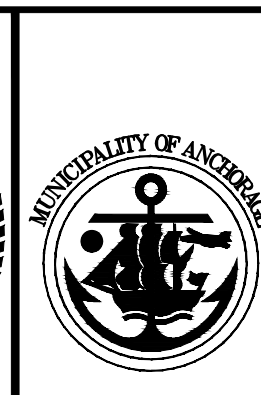
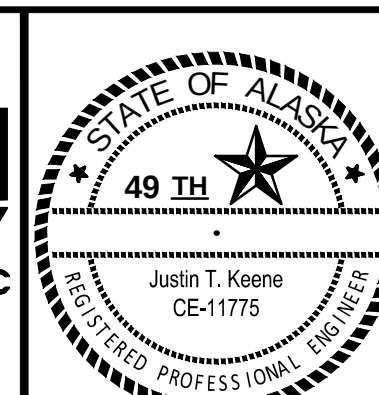
DATA TRANSFER CHECKED BY: _____ TITLE: _____

COMPANY: _____ DATE: _____

BY: _____

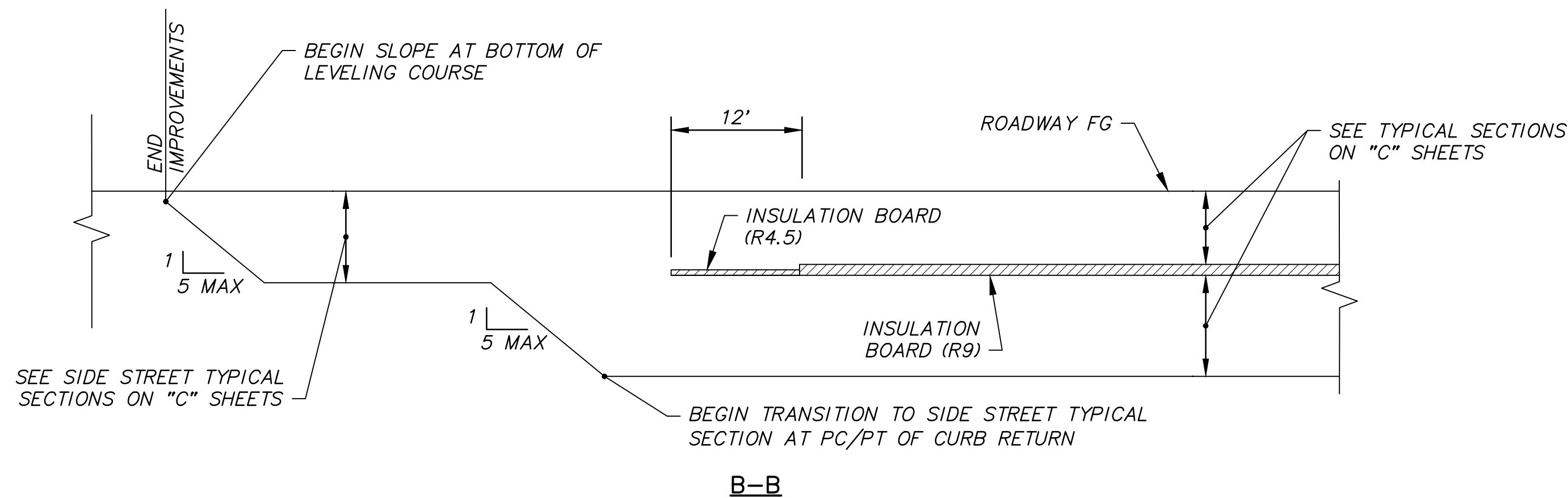
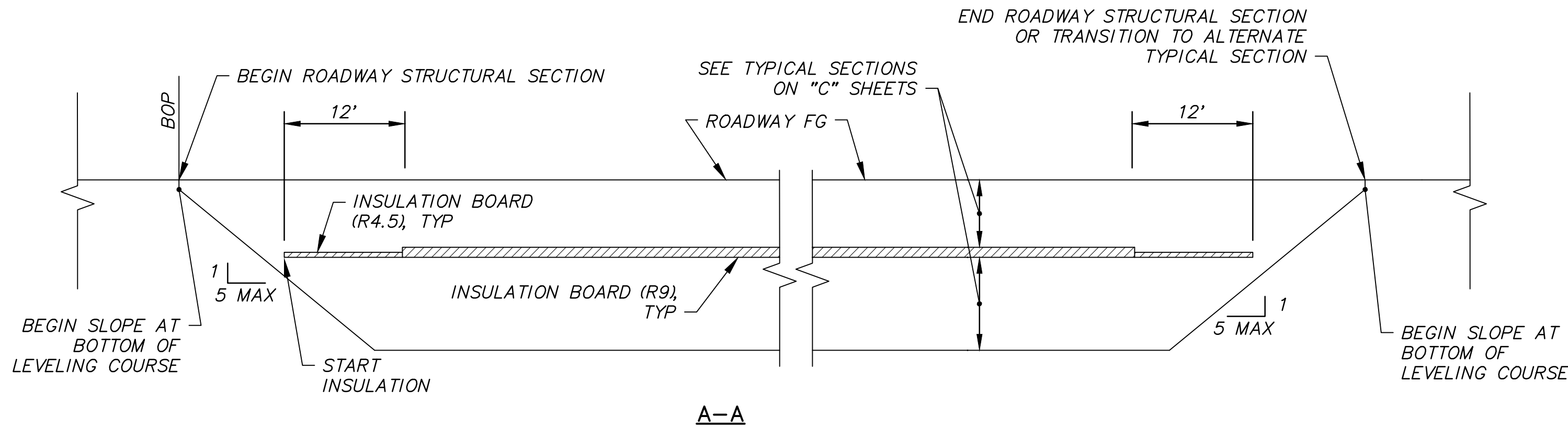
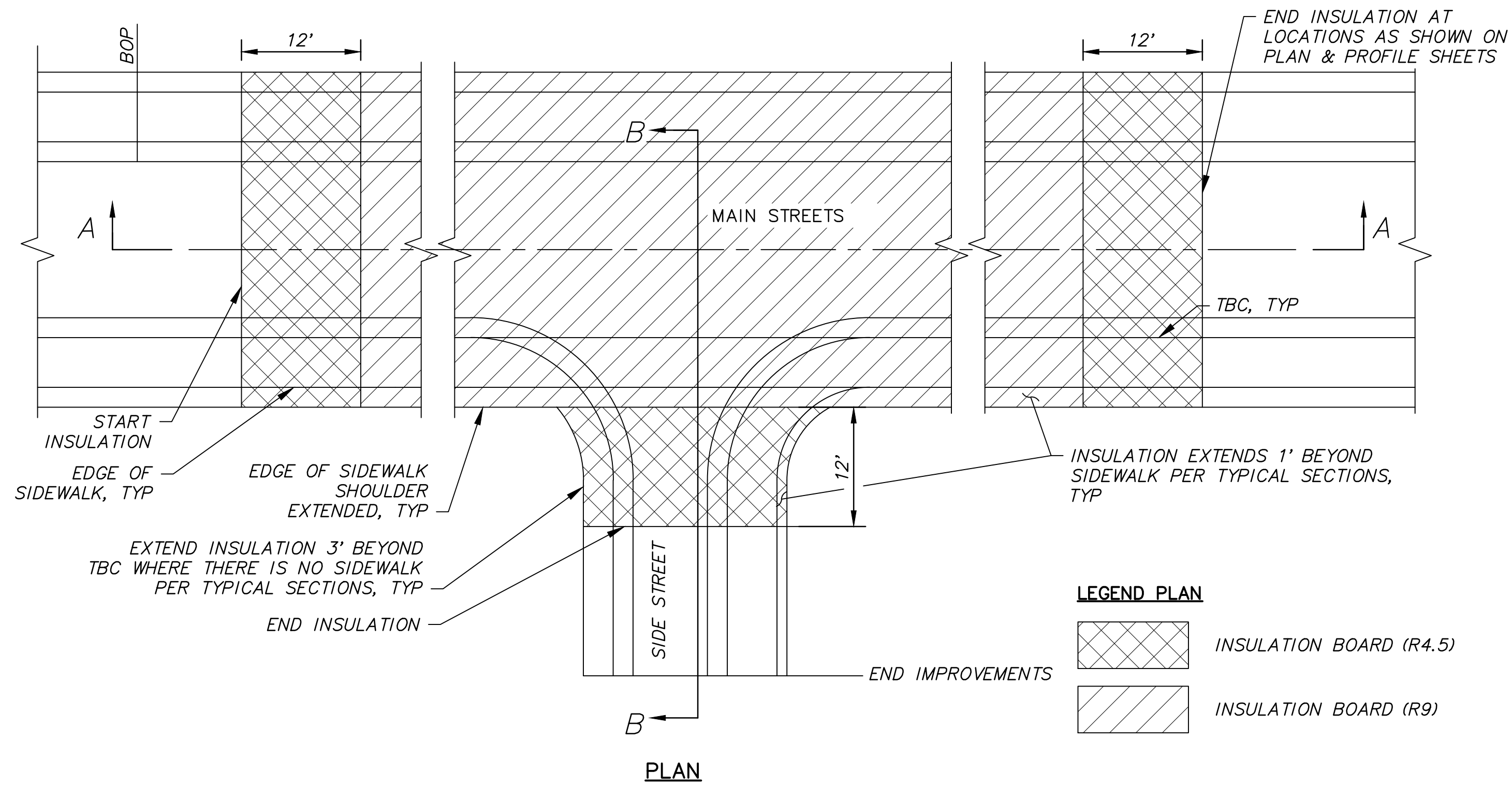
DATA	DRAWN BY	CHECKED BY
BASE	TS	MJ
TOPOGRAPHY	BW	BW
PROFILE	AA	JK
STORM SEWER	MV	JH
WATER/SANITARY SEWER	CB	JK
GAS	CB	JK
TELEPHONE	CB	JK
ELECTRIC	JH	TK
DESIGN	AA	JK
QUANTITIES	AA	JK
PRELIMINARY/FINAL	AA	JK
MUNICIPAL/STATE	AA	JK

FIELD BOOKS		BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY	
DESIGN CRW BOOK No. 149, 169,		CB 7D	See MOA Benchmark Book, Page D-56	94.77					
195 & 196		CB 7C	See MOA Benchmark Book, Page D-17	106.10					
STAKING		GAAB 86	See MOA Benchmark Book, Page D-18	104.53					
ASBUILT									
CONTRACTOR		BASIS OF THIS DATUM GAAB 1972 ADJUST							
INSPECTOR									
CONSTRUCTION RECORD		VERTICAL DATUM					REVISIONS		



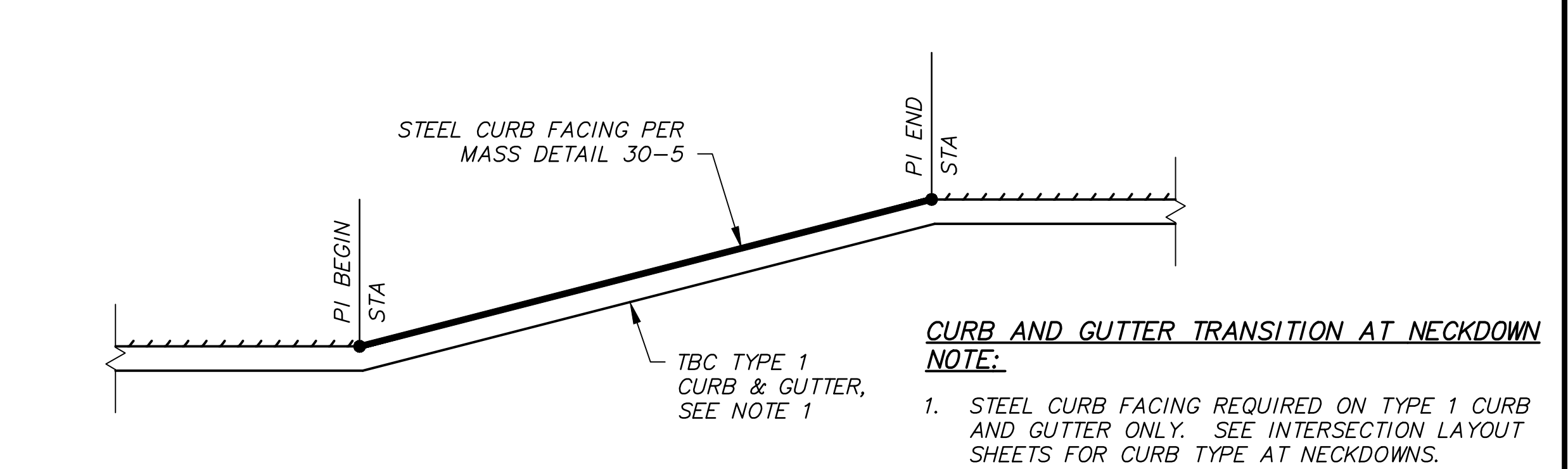
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT				
16-29	W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY			SCHED A
ROADWAY DETAILS				
DRIVEWAYS				
SCALE	HOR. N/A	GRID SW1629, SW1630, SW1631		D4 of D7
	VER. N/A	DATE JAN 2020	STATUS 65%	

File: I:\LibData\10136.00 W 32nd And E 33rd Avenue Upgrade\00 CADD\01 Working Set\01 Civil\01 Design\10136.00 Details - Roadway.dwg



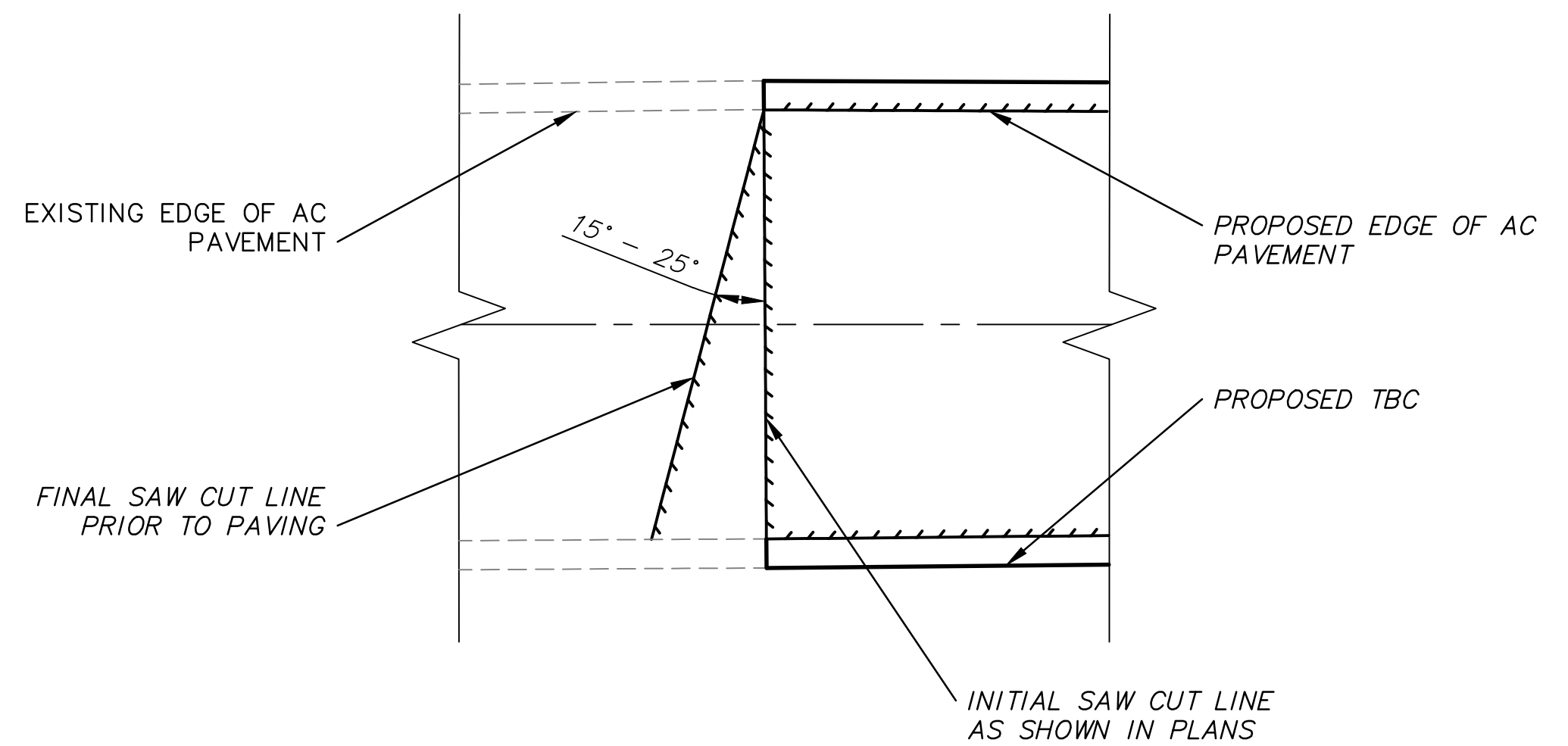
BOARD INSULATION AND EXCAVATION DETAIL

SCALE: NTS



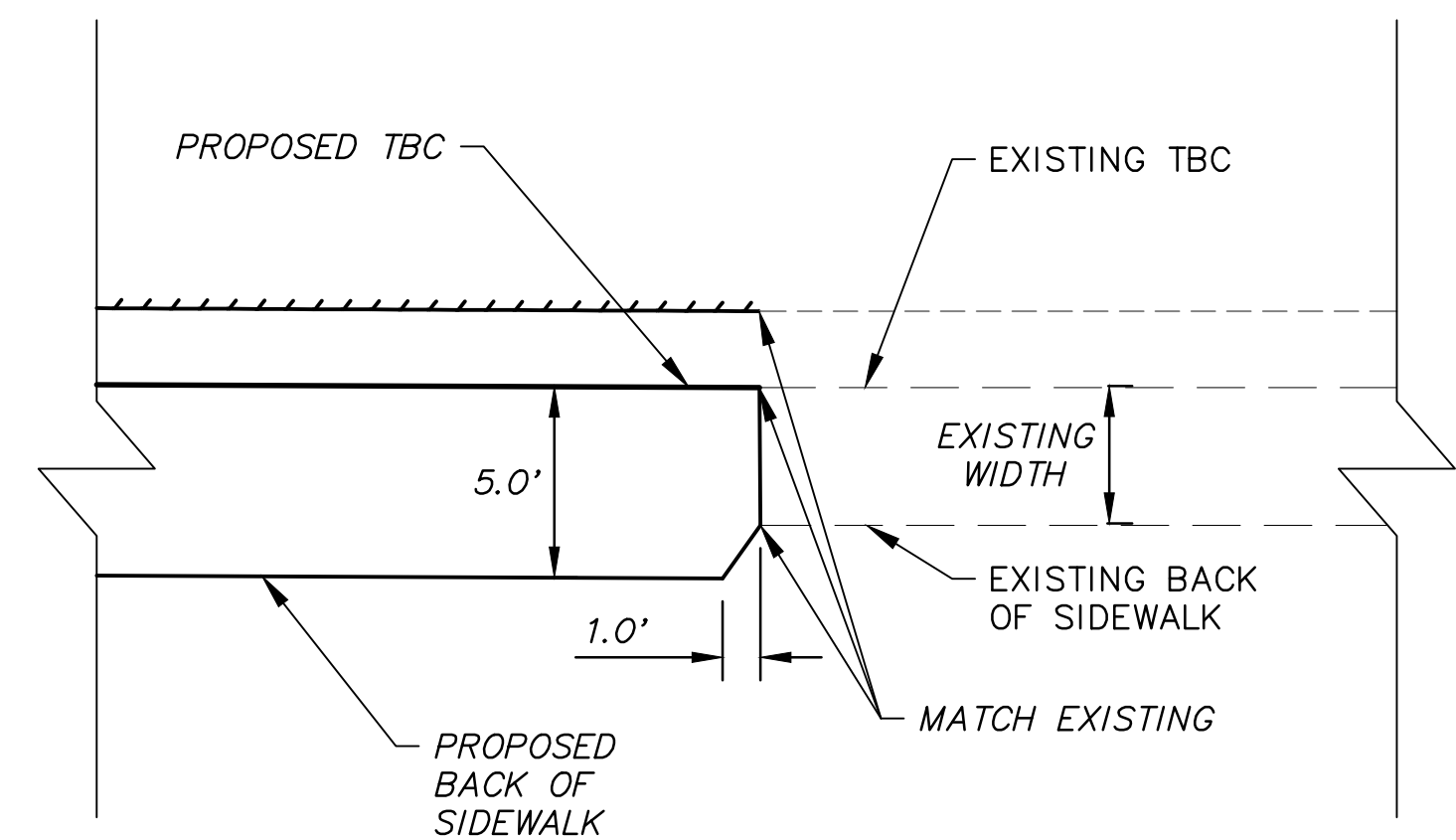
CURB AND GUTTER TRANSITION AT NECKDOWN

SCALE: NTS



TRANSVERSE SAW CUT JOINT DETAIL

SCALE: NTS



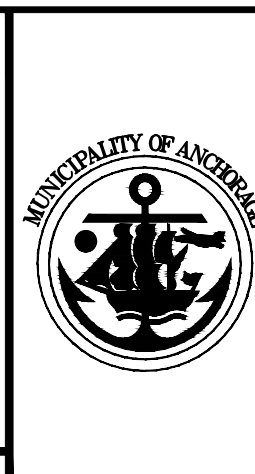
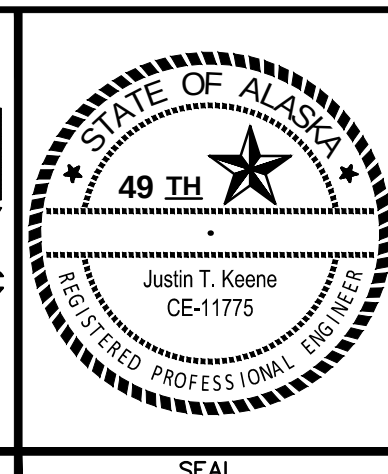
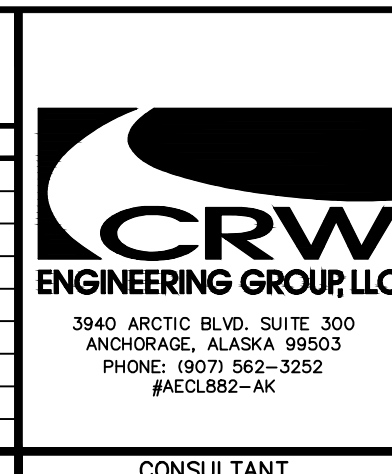
SIDEWALK TRANSITION DETAIL

SCALE: NTS

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: _____ TITLE: _____
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: _____

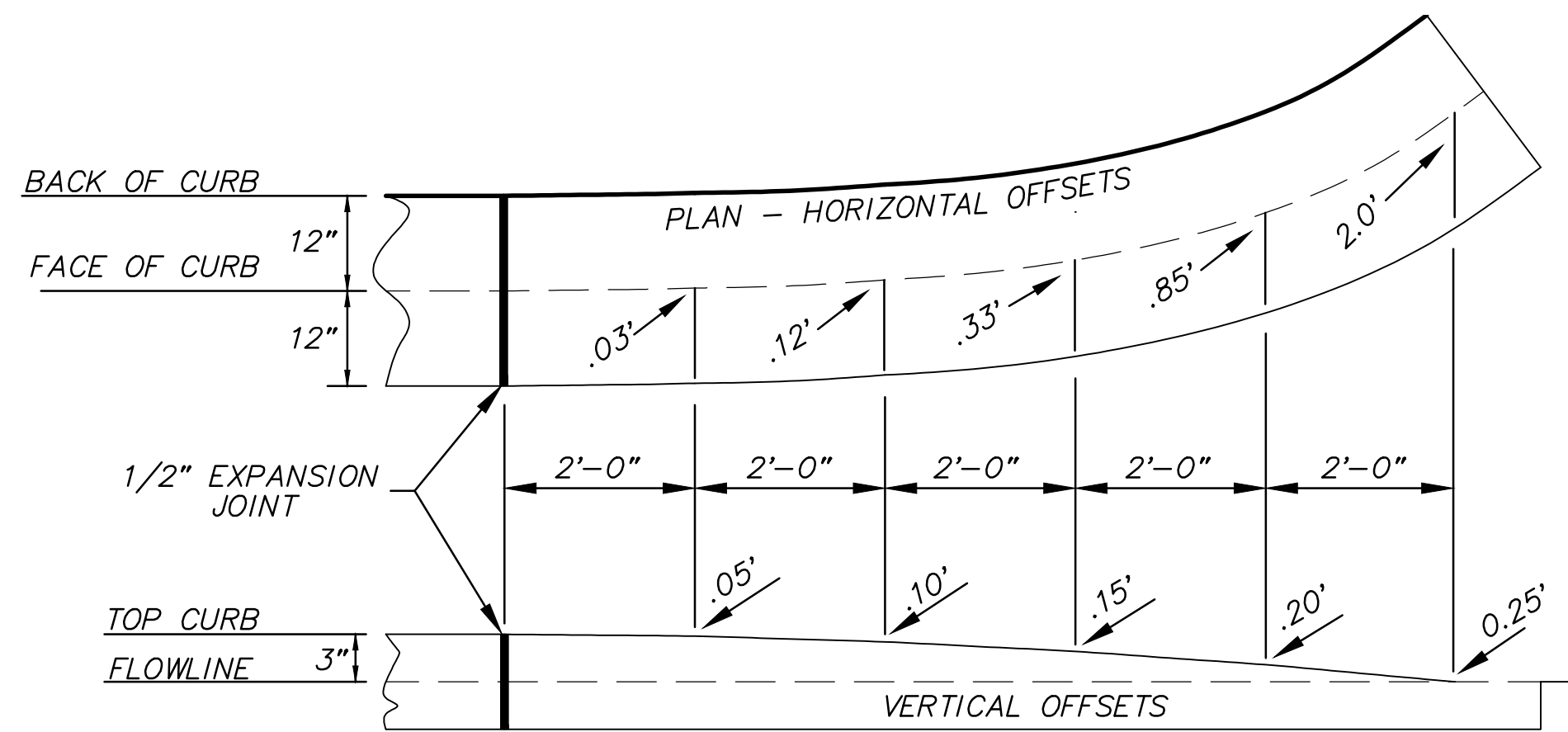
DATA	DRAWN BY	CHECKED BY
BASE	TS	MJ
TOPOGRAPHY	BW	BW
PROFILE	AA	JK
STORM SEWER	MV	JH
WATER/SANITARY SEWER	CB	JK
GAS	CB	JK
TELEPHONE	CB	JK
ELECTRIC	JH	TK
DESIGN	AA	JK
QUANTITIES	AA	JK
PRELIMINARY/FINAL	AA	JK
MUNICIPAL/STATE	AA	JK

FIELD BOOKS	BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY
DESIGN CRW BOOK No. 149, 169, 195 & 196	CB 7D	See MOA Benchmark Book, Page D-56	94.77				
	CB 7C	See MOA Benchmark Book, Page D-17	106.10				
	GAAB 86	See MOA Benchmark Book, Page D-18	104.53				
ASBUILT							
CONTRACTOR							
INSPECTOR							
PLAN CHECK							
CONSTRUCTION RECORD							
VERTICAL DATUM							
REVISIONS							



PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT			
16-29	W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY	SCHED A	
ROADWAY DETAILS			
MISCELLANEOUS DETAILS			
SCALE	HOR. N/A VER. N/A	GRID SW1629, SW1630, SW1631 DATE JAN 2020 STATUS 65%	D5 of D7

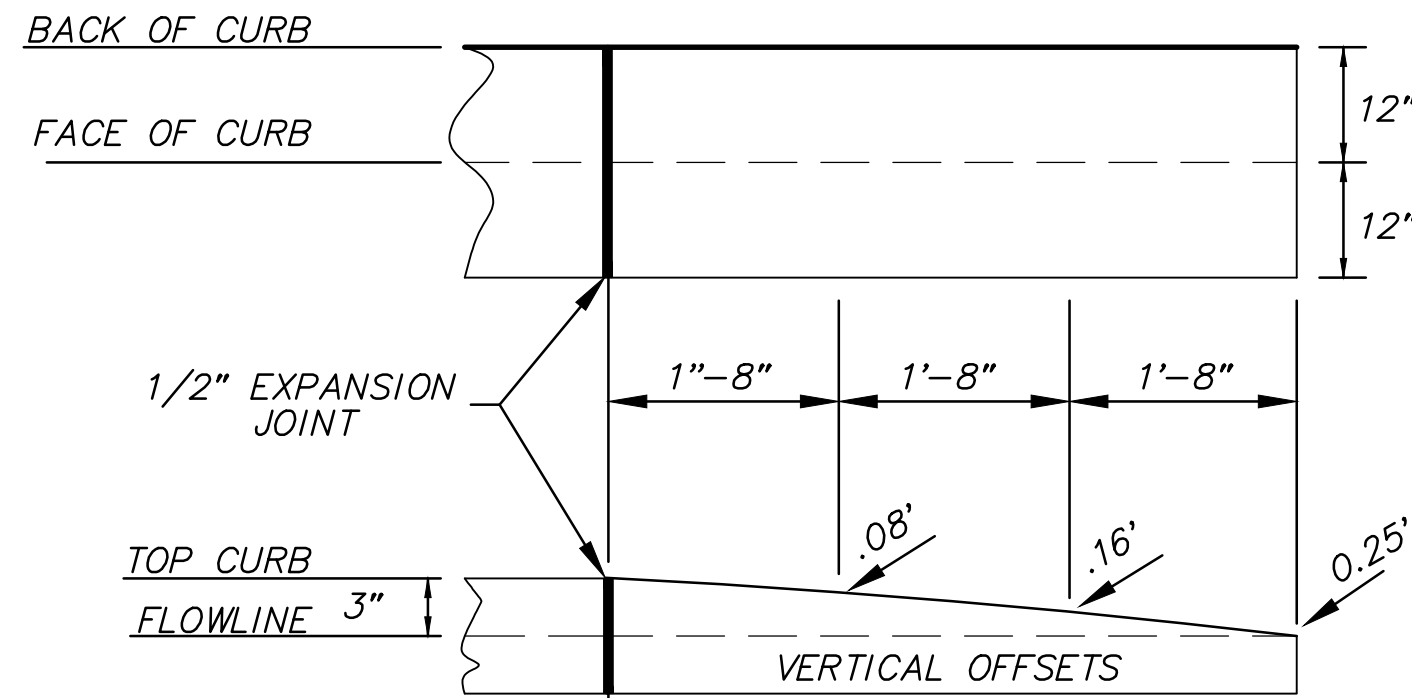
1. PAYMENT FOR TYPE 2 CURB AND GUTTER TERMINATION TRANSITION SHALL BE PAID UNDER THE BID ITEM "P.C.C. CURB AND GUTTER (ALL TYPES)" AND NO SEPARATE PAYMENT SHALL BE MADE.



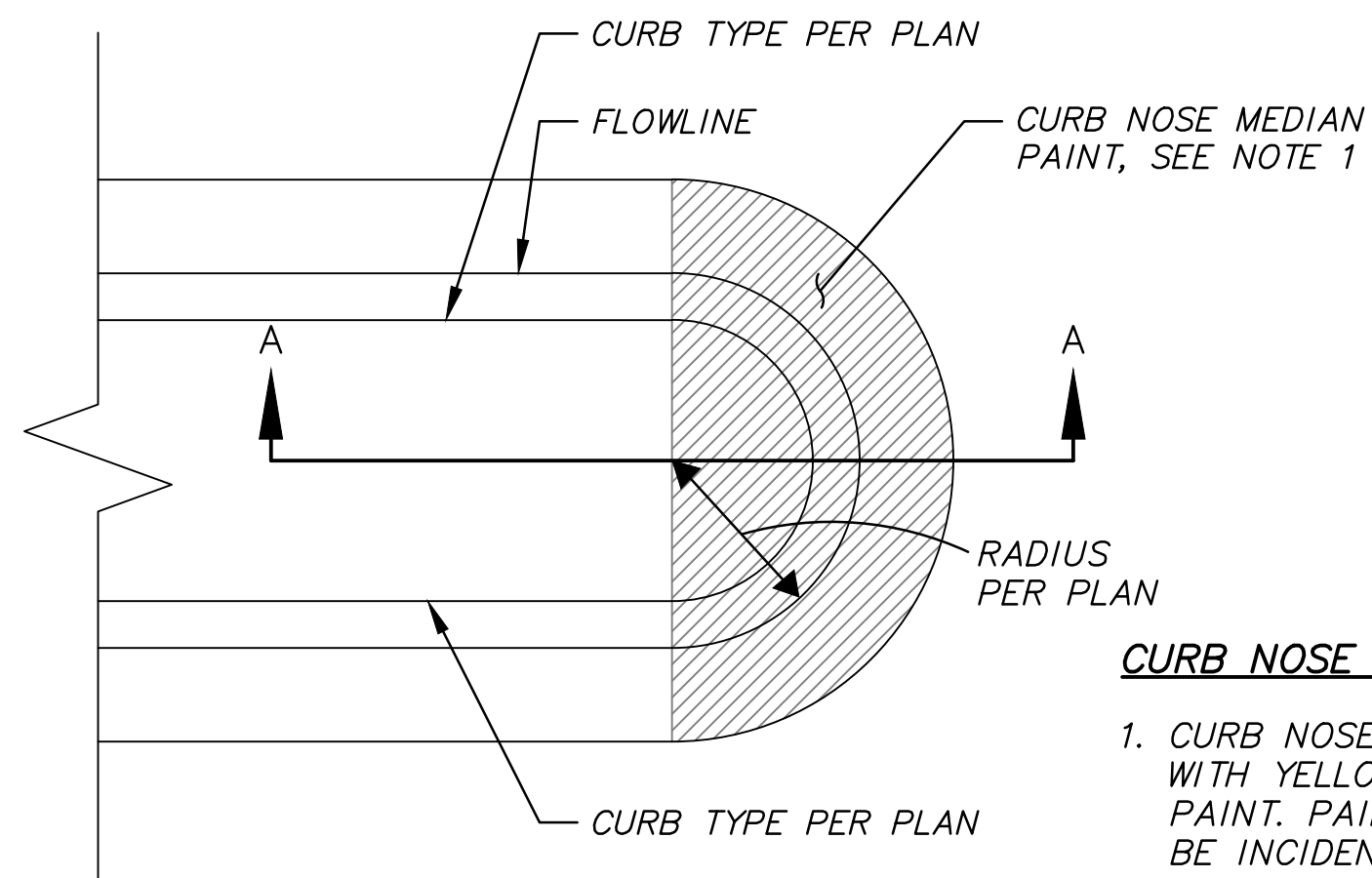
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SCALE: NTS

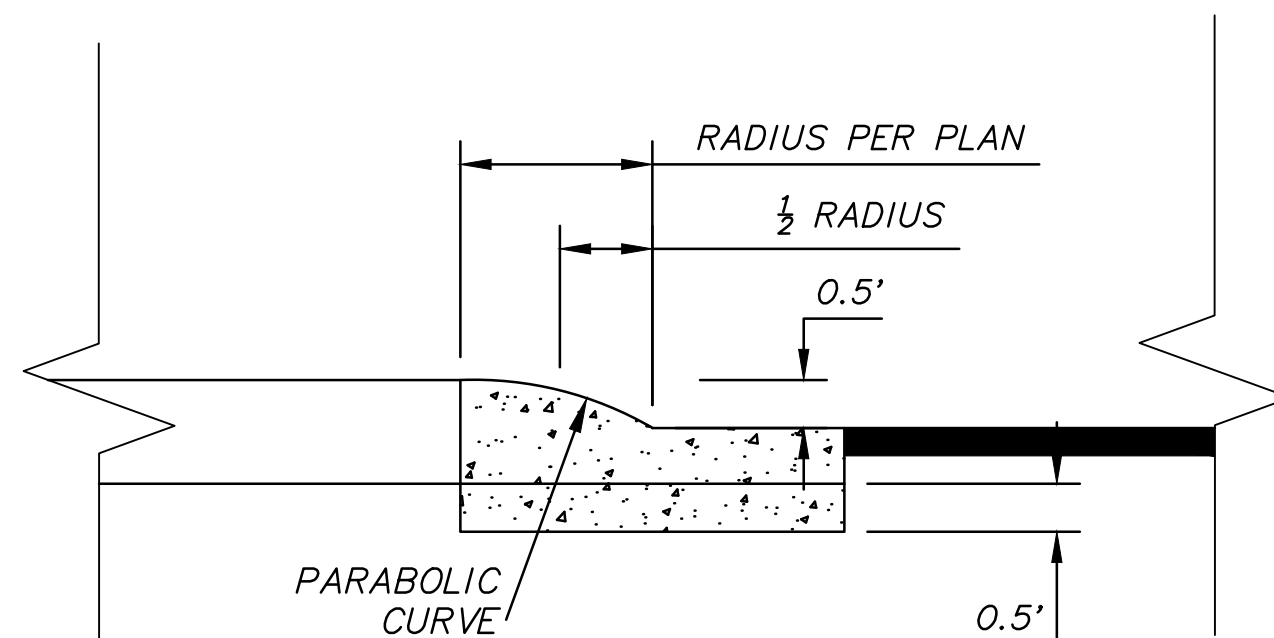
1. PAYMENT FOR SPECIAL TYPE 2 CURB AND GUTTER TERMINATION TRANSITION SHALL BE PAID UNDER THE BID ITEM "P.C.C. CURB AND GUTTER (ALL TYPES)" AND NO SEPARATE PAYMENT SHALL BE MADE.



SCALE: NTS

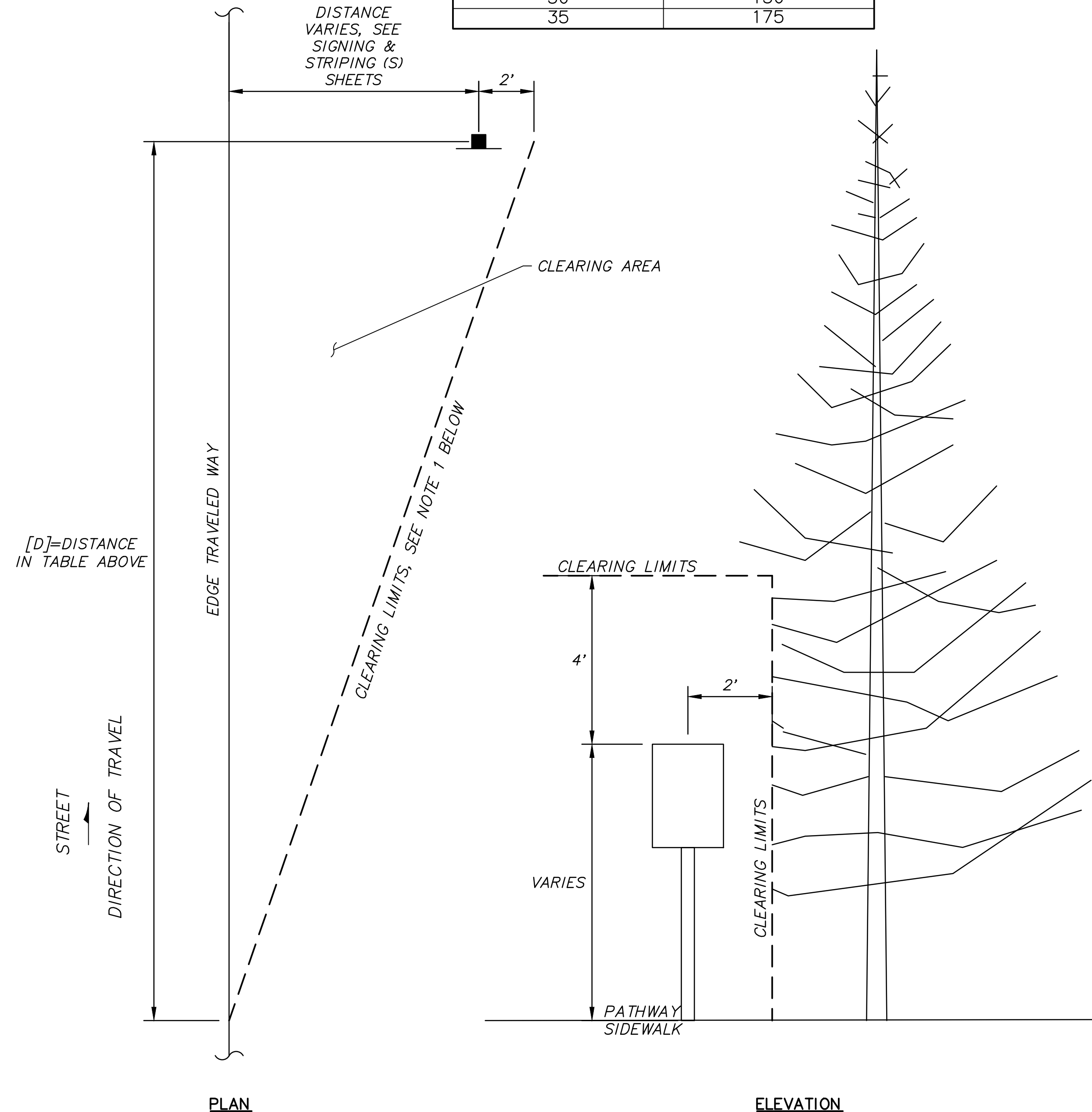


1. CURB NOSE MEDIAN SHALL BE PAINTED WITH YELLOW REFLECTIVE TRAFFIC PAINT. PAINTING & MATERIALS SHALL BE INCIDENTAL TO CURB NOSE MEDIAN PAY ITEM AND NO SEPARATE PAYMENT SHALL BE MADE.



SECTION A-A

SCALE: NTS

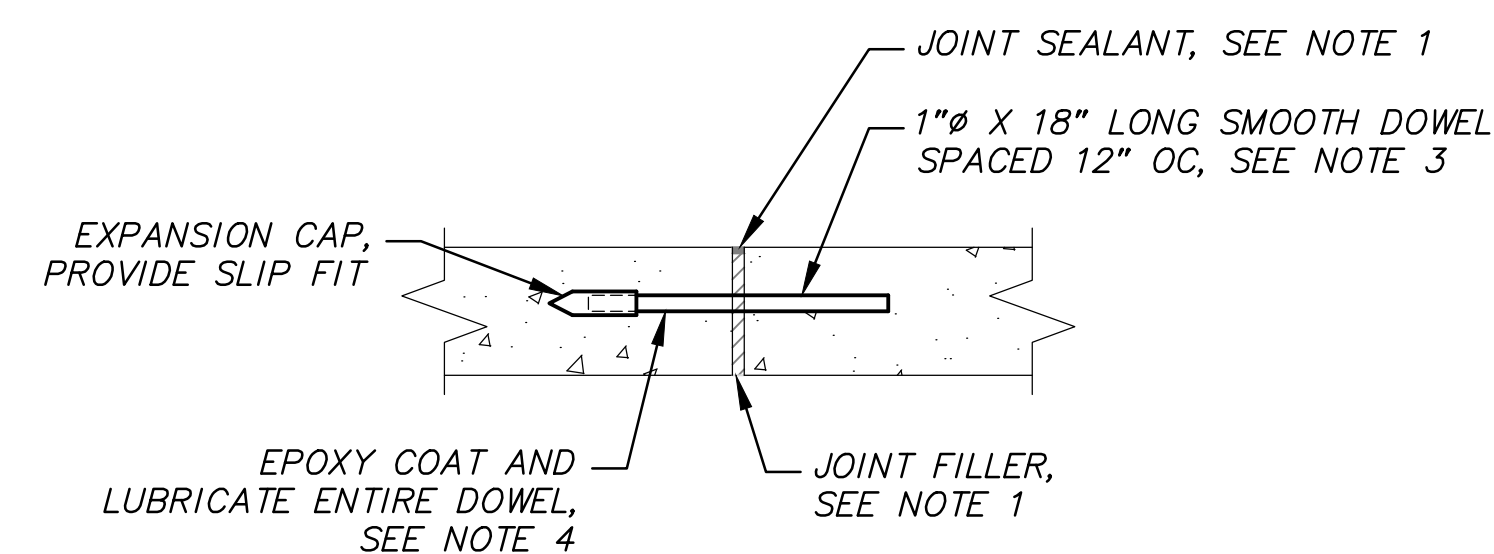


1. MAINTAIN CLEARING LIMITS WITHIN AVAILABLE RIGHT-OF-WAY.

SCALE: NTS

CLEARING DISTANCE	
SPEED LIMIT (MPH)	DISTANCE[D] (FT)
20	100
25	125
30	150
35	175

[illegible]

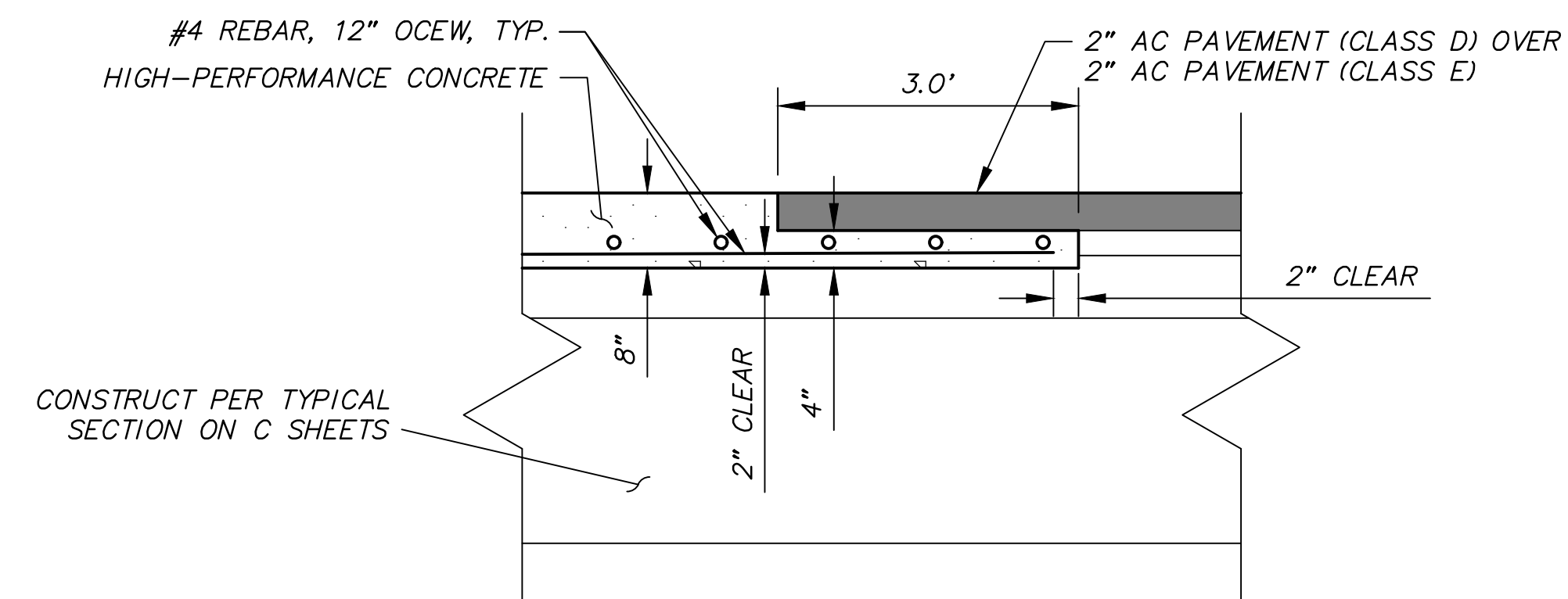


EXPANSION & CONSTRUCTION JOINT NOTES:

1. SEE MASS SECTION 30.01 FOR EXPANSION JOINT FILLER REQUIREMENTS AND MASS SECTION 30.11 FOR SEALANT REQUIREMENTS. CONSTRUCTION JOINTS SHALL BE CONSTRUCTED SIMILARLY.
2. DOWELS SHALL BE USED AT ALL EXPANSION AND CONSTRUCTION JOINTS EXCEPT JOINT AT FACE OF CURB PAN.
3. DOWELS SHALL BE EPOXY COATED STEEL IN ACCORDANCE WITH ASTM A 615M, GRADE 280 OR 420.
4. DOWEL BARS SHALL BE LUBRICATED WITH BOND BREAKER OVER THE ENTIRE BAR PRIOR TO PLACEMENT. LUBRICANT SHALL BE PETROLEUM PARAFFIN BASED.
5. ALL WORK RELATED TO FURNISHING AND INSTALLING DOWEL BARS SHALL BE CONSIDERED INCIDENTAL TO THE HIGH-PERFORMANCE CONCRETE PAY ITEM.

(2)

SCALE: NTS



AC PAVEMENT/CONCRETE JOINT - SECTION VIEW

SCALE: NTS

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: _____			<table border="1"> <tr> <td>DATA</td> <td>DRAWN BY</td> <td>CHECKED BY</td> </tr> <tr> <td>BASE</td> <td>TS</td> <td>MJ</td> </tr> <tr> <td>TOPOGRAPHY</td> <td>BW</td> <td>BW</td> </tr> <tr> <td>PROFILE</td> <td>AA</td> <td>JK</td> </tr> <tr> <td>STORM SEWER</td> <td>MV</td> <td>JH</td> </tr> <tr> <td>WATER/SANITARY SEWER</td> <td>CB</td> <td>JK</td> </tr> <tr> <td>GAS</td> <td>CB</td> <td>JK</td> </tr> <tr> <td>TELEPHONE</td> <td>CB</td> <td>JK</td> </tr> <tr> <td>ELECTRIC</td> <td>CH</td> <td>TK</td> </tr> <tr> <td>DESIGN</td> <td>AA</td> <td>JK</td> </tr> <tr> <td>QUANTITIES</td> <td>AA</td> <td>JK</td> </tr> <tr> <td>PRELIMINARY/FINAL</td> <td>AA</td> <td>JK</td> </tr> <tr> <td>MUNICIPAL/STATE</td> <td>AA</td> <td>JK</td> </tr> </table>			DATA	DRAWN BY	CHECKED BY	BASE	TS	MJ	TOPOGRAPHY	BW	BW	PROFILE	AA	JK	STORM SEWER	MV	JH	WATER/SANITARY SEWER	CB	JK	GAS	CB	JK	TELEPHONE	CB	JK	ELECTRIC	CH	TK	DESIGN	AA	JK	QUANTITIES	AA	JK	PRELIMINARY/FINAL	AA	JK	MUNICIPAL/STATE	AA	JK	<table border="1"> <tr> <td colspan="2">FIELD BOOKS</td> <td>BM NO.</td> <td>LOCATION</td> <td>ELEV.</td> <td>REV</td> <td>DATE</td> <td>DESCRIPTION</td> <td>BY</td> </tr> <tr> <td colspan="2">DESIGN CRW BOOK No. 149, 169,</td> <td>CB 7D</td> <td>See MOA Benchmark Book, Page D-56</td> <td>94.77</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">195 & 196</td> <td>CB 7C</td> <td>See MOA Benchmark Book, Page D-17</td> <td>106.10</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">STAKING</td> <td>GAAB 86</td> <td>See MOA Benchmark Book, Page D-18</td> <td>104.53</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">ASBUILT</td> <td colspan="7">3940 ARCTIC BLVD, SUITE 300 ANCHORAGE, ALASKA 99503 PHONE: (907) 562-3252 #AECLEB82-AK</td> </tr> <tr> <td colspan="2">CONTRACTOR</td> <td colspan="7">BASIS OF THIS DATUM GAAB 1972 ADJUST</td> </tr> <tr> <td colspan="2">INSPECTOR</td> <td colspan="7"></td> </tr> <tr> <td colspan="2">PLAN CHECK</td> <td colspan="7">CONSTRUCTION RECORD</td> </tr> <tr> <td colspan="2"></td> <td colspan="7">VERTICAL DATUM</td> </tr> <tr> <td colspan="2"></td> <td colspan="7">REVISIONS</td> </tr> </table>			FIELD BOOKS		BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY	DESIGN CRW BOOK No. 149, 169,		CB 7D	See MOA Benchmark Book, Page D-56	94.77					195 & 196		CB 7C	See MOA Benchmark Book, Page D-17	106.10					STAKING		GAAB 86	See MOA Benchmark Book, Page D-18	104.53					ASBUILT		3940 ARCTIC BLVD, SUITE 300 ANCHORAGE, ALASKA 99503 PHONE: (907) 562-3252 #AECLEB82-AK							CONTRACTOR		BASIS OF THIS DATUM GAAB 1972 ADJUST							INSPECTOR									PLAN CHECK		CONSTRUCTION RECORD									VERTICAL DATUM									REVISIONS							 3940 ARCTIC BLVD, SUITE 300 ANCHORAGE, ALASKA 99503 PHONE: (907) 562-3252 #AECLEB82-AK						PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT 16-29 W. 32ND AVENUE & E. 33RD AVENUE UPGRADES ARCTIC BOULEVARD TO OLD SEWARD HIGHWAY SCHED A			
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