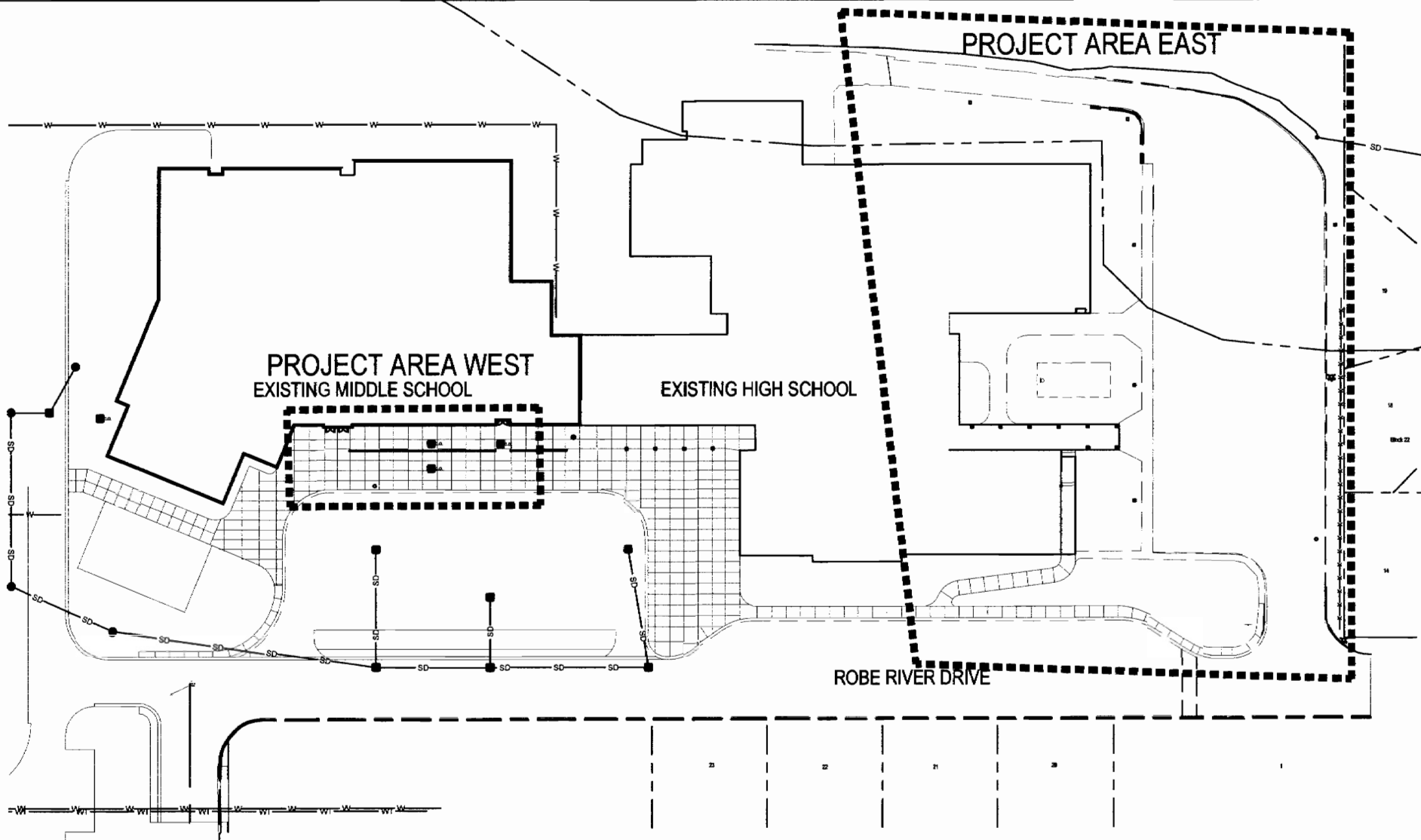
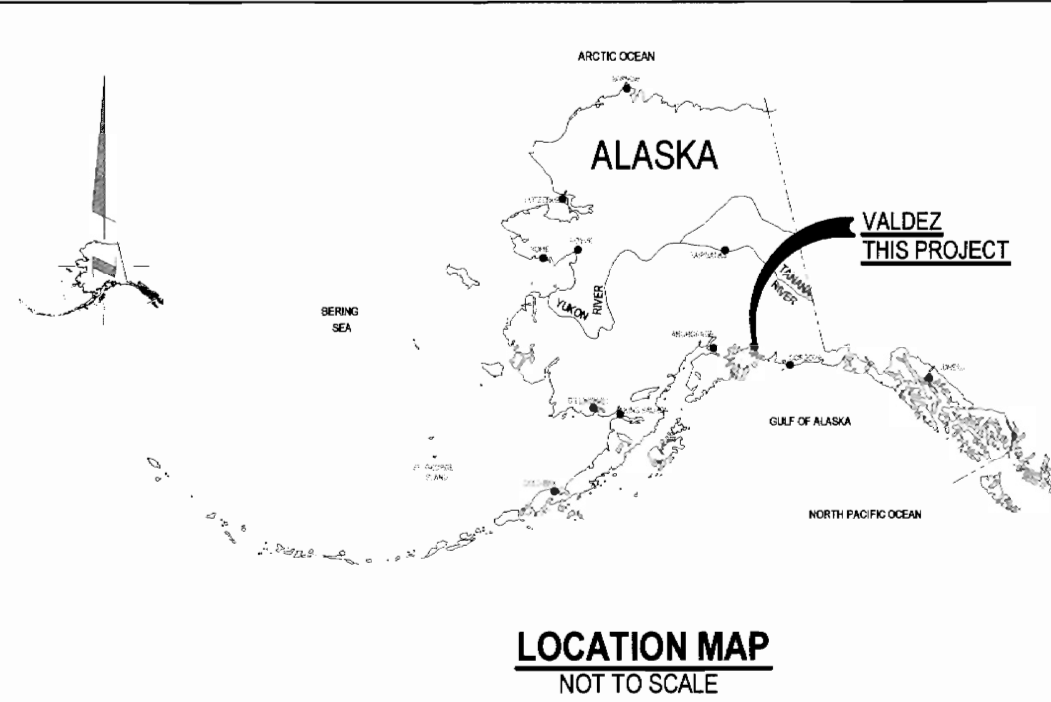




HIGH SCHOOL AND MIDDLE SCHOOL AREA
1" = 100'

SHEET TITLE	SHEET NUMBER	DATE	REV
LOCATION, VICINITY MAP	C100	3/5/19	IFC 0
NOTES AND QUANTITIES	C101	3/5/19	IFC 0
SPECIFICATIONS	C102	3/5/19	IFC 0
EXISTING CONDITIONS SURVEY TOPO	C103	3/5/19	IFC 0
DEMO PLAN	C104	3/5/19	IFC 0
WEST AREA PLAN	C105	3/5/19	IFC 0
EAST AREA PLAN OVERALL	C106	3/5/19	IFC 0
EAST AREA PLAN SOUTH	C107	3/5/19	IFC 0
EAST AREA PLAN NORTH	C108	3/5/19	IFC 0
EAST AREA PLAN CENTER	C109	3/5/19	IFC 0
EAST AREA DESIGN SURVEY POINTS	C110	3/5/19	IFC 0 *IFB CHANGE
SIGNS AND STRIPING	C111	3/5/19	IFC 0
DETAILS	C112	3/5/19	IFC 0
DETAILS	C113	3/5/19	IFC 0
DETAILS	C114	3/5/19	IFC 0
DETAILS	C115	3/5/19	IFC 0

PROJECT SCOPE

THIS PROJECT INCLUDES BUT NOT LIMITED TO THE REMOVAL OF THE EXISTING CONCRETE SIDEWALKS, CONCRETE CURBS AND ASPHALT. INSTALL NEW CONCRETE SIDEWALKS, NEW CONCRETE CURBS, NEW ASPHALT SIDEWALKS, NEW ROAD AND NEW PARKING AREA. ADDITIONAL GRADING IN AREAS.



ISSUED FOR CONSTRUCTION

TITLE SHEET		WRANGELL MOUNTAIN TECHNICAL SERVICES			
LEGAL DESCRIPTION: VALDEZ HIGH SCHOOL AND MIDDLE SCHOOL BLOCK 21A, FIREWEED HILL SUBDIVISION VALDEZ, ALASKA		P.O. Box 118, CHITINA, ALASKA 99566 907-823-2280			
STREET ADDRESS: 319 AND 357 ROBE RIVER DRIVE, VALDEZ, ALASKA	DATE: 3/5/19	DRAWN: MINISH	CHECK: MINISH	SCALE: N.T.S.	
PREPARED FOR: CITY OF VALDEZ	JOB#: 18071	DRAWING #: 18071 COV HIGH SCHOOL CONCRETE REPAIR	SHEET: C100	REV#: 0	

PROJECT ESTIMATED QUANTITIES

DESCRIPTION	UNIT	QUANTITY
MOB/DEMOB	LS	1
SURVEYING	LS	1
DEMOLITION, REMOVAL OF EXISTING SIDEWALKS	SF	±6,940
DEMOLITION, REMOVAL OF CURBS	LF	±711
DEMOLITION, REMOVAL OF EXISTING ASPHALT	SF	±17,400
DEMOLITION, OVER EXCAVATION OF SITE, EST. ONLY UNUSEABLE	CY	±100
NEW FILL, TYPE IIA	TON	±70
NEW FILL, LEVELING COURSE	TON	±120
NEW ASPHALT ROAD AND PARKING EAST AREA, 2"	TON	±235
NEW ASPHALT SIDEWALKS EAST AREA, 2"	TON	±70.5
NEW CONCRETE CURBS WEST AREA	LF	±57.5
NEW CONCRETE CURBS EAST AREA INCLUDES RAMP AREA CURBS	LF	±385.6
NEW CONCRETE 6" SIDEWALKS WEST AREA	SF	±977
NEW CONCRETE 6' - 6" ADA RAMPS SIDEWALKS EAST AREA	EA	1
NEW CONCRETE 15' - 6" ADA RAMPS SIDEWALKS EAST AREA	EA	1
NEW CONCRETE 17' - 6" ADA RAMPS SIDEWALKS EAST AREA	EA	1
MODIFY OR REPLACE CONCRETE EAST AREA ZONE 1	LS	1
NEW CONCRETE SLOPE PROTECTION EAST AREA ZONE 2	LS	1
DITCH RE-GRADING	LS	1
TOPSOIL	SF	±4900
SEEDING	SF	±4900
PAINTING	LS	1
SIGNS (8 SF TOTAL AREA PLUS POSTS, CONCRETE, INSTALLATION)	EA	4

NOTE ASPHALT REMOVED FOR CURBS NOT INCLUDED IN ASPHALT QUANTITIES EXCEPT THAT FOR THE PARKING AREA ASPHALT.
NOTE ALL QUANTITIES ARE TO BE SURVEYED FOR PAYMENT.

CONVERSIONS USED:	
TYPE IIA (ANC S&G)	2800 LBS/CY
LEVELING COURSE (ANC S&G)	2000 LBS/CY
ASPHALT (NAPA)	3915 LBS/CY

GENERAL NOTES

1. CALL BEFORE YOU DIG AK811. UNDERGROUND UTILITIES EXIST WITHIN THE PROJECT AREA.
2. REFERENCE CITY OF VALDEZ STANDARD SPECIFICATIONS AND DETAILS UNLESS NOTED CHANGES IN THIS PLAN SET.
3. SOME STANDARDS AND SPECIFICATIONS IN THIS PLAN SET ARE FROM OTHER GOVERNMENT AGENCIES.

A. MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICATIONS (M.A.S.S.).

B. STATE OF ALASKA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
4. 2010 AMERICAN DISABILITIES ACT STANDARDS FOR ACCESSIBLE DESIGN IS BEING APPLIED TO THIS SITE FOR ACCESS AREAS.
5. NOTE: ONE RAMP HAS A 1 FOOT SECTION THAT SEC. 36.402 ALTERATIONS (C) TO THE MAXIMUM EXTENT FEASIBLE IS APPLYING. THE SIDEWALK TO SOUTH DOES NOT APPLY DUE TO CONNECTING PUBLIC RIGHT OF WAY.
6. REFERENCE ACI 301-16 FOR CONCRETE SEE SHEET C114.
7. REFERENCE STATE OF ALASKA DOT&PF HIGHWAY CONSTRUCTION FOR ASPHALT SEE SHEET C114.
8. STORM WATER POLLUTION AND PREVENTION PLAN IS NOT REQUIRED OVERALL SITE OF CONSTRUCTION ACTIVITY IS UNDER 1 ACRE AND NOT IMPACTING THE WATERS OF THE U.S.
9. CONTRACTOR IS REQUIRED TO OBTAIN ALL NECESSARY PERMITS PRIOR TO BEGINNING CONSTRUCTION. PERMITS SHALL BE MAINTAINED ON THE PROJECT SITE.
10. LIMITS OF EXCAVATION ARE APPROXIMATE.
11. IN THOSE AREAS WHERE ORGANIC MATERIAL MAY BE ENCOUNTERED, REMOVE FROM THE SUBGRADE TO A DEPTH DETERMINED BY THE ENGINEER. NO ORGANIC MATERIAL IS TO BE USED AS BACKFILL.
12. THERE ARE NO VALVE BOXES, CLEANOUTS, MANHOLES, JUNCTION BOXES, MONUMENT BOXES KNOW TO BE WITHIN THE CONSTRUCTION AREA THAT WILL BE IMPACTED.
13. PAYMENT WILL BE IN ACCORDANCE WITH CITY OF VALDEZ STANDARD SPECIFICATIONS AND BE BASED ON SURVEYED QUANTITIES.
14. ALL QUANTITY SURVEYS SHALL BE CONDUCTED BY AN ALASKA LICENSED PROFESSIONAL LAND SURVEYOR. ALL QUANTITIES SHALL HAVE AN ALASKA LICENSED PROFESSIONAL LAND SURVEYOR SEAL ON THE QUANTITY CALCULATION SHEET OR DRAWING.
15. ANY ITEM THAT IS NOT SURVEYED QUANTITIES SHALL BE AS SHOWN OR AGREED UPON AND SHALL BE INCIDENTAL TO THE PAY ITEM.

ISSUED FOR CONSTRUCTION



QUANTITIES AND NOTES		WRANGELL MOUNTAIN TECHNICAL SERVICES			
LEGAL DESCRIPTION: VALDEZ HIGH SCHOOL AND MIDDLE SCHOOL BLOCK 21A, FIREWEED HILL SUBDIVISION VALDEZ, ALASKA		P.O. Box 118, CHITINA, ALASKA 99566 907-823-2280			
STREET ADDRESS:	319 AND 357 ROBE RIVER DRIVE, VALDEZ, ALASKA	DATE:	3/5/19	DRAWN:	MINISH
PREPARED FOR:	CITY OF VALDEZ	JOB#:	18071	CHECK:	MINISH
		DRAWING #:	18071 COV HIGH SCHOOL CONCRETE REPAIR	SCALE:	N.T.S.
				SHEET:	C101
				REV#:	0

NOTES:

1. CONCRETE

- A. REFERENCE ACI 301-16 ALL PARTS APPLICABLE FOR THE TYPES OF WORK BEING COMPLETED. THE FOLLOWING ARE TO BE EMPHASIZED ONLY OR PRESCRIBED.
- B. SEC. 1.6.2.2(c) 24 HOUR NOTICE ADVANCE NOTICE IS REQUIRED PRIOR TO OPERATION.
- C. SEC. 1.6.3.3 INSPECTION OF FORM WORK AND COMPACTION TESTING SHALL APPLY.
- D. SEC. 1.6.4 INSPECTION AND TESTING TO BE RESPONSIBILITY OF THE OWNER.
- E. SEC. 1.6.3.2(d) TESTING ONCE DAILY OR EVERY 50 YDS.
- F. SEC. 1.6.8. FIELD TESTS SHALL INCLUDE: AIR CONTENT, SLUMP, TEMPERATURE, 3 CYLINDERS (1 EACH 7 DAY AND 2 EACH 28 DAY BREAKS).
- G. SEC. 4.2.2.7 MODERATE EXPOSURE CLASS F3; MAXIMUM W/CM = 0.45, AIR REFERENCE TABLE 4.2.2.7(b)1, REFERENCE TABLE 4.2.1.1(b) FOR MAXIMUM CEMENTITIOUS MATERIALS FOR EXPOSURE CLASS F3.
- H. SEC. 4.2.2.8 COMPRESSIVE STRENGTH OF CONCRETE f_c 5,500 PSI, NOTE THIS IS ABOVE THE REQUIREMENTS OF ACI 301.
- I. SEC. 5.3.1.4 ALL BASE AND SUB-GRADE SHALL BE COMPACTED TO 95% OF PROCTOR. SEE DESIGN FOR MATERIALS. SUBMIT PROCTORS FOR EACH SOURCE AND MUST BE CURRENT (DATED WITHIN 3 MONTHS OF PROPOSED WORK).
- J. SEC. 2.2.25(a) EXPANSION JOINTS AND CONSTRUCTION JOINTS REFERENCE VALDEZ STANDARD SPECIFICATIONS AND DETAILS.
- K. CONCRETE SLOPE PROTECTION SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH f_c OF 3,000 PSI, NO OTHER REQUIREMENTS PER ACI ARE REQUIRED.
- L. IF REQUIRED REFERENCE ACI 305 HOT WEATHER CONCRETE AND ACI 306 COLD WEATHER CONCRETE.
- M. CURING OF CONCRETE IN ACCORDANCE WITH ACI 308.
- N. COV-SS 30, CRACK CONTROL JOINTS AND EXPANSION JOINTS SHALL BE FILLED WITH ELASTOMERIC JOINT SEALANT. ELASTOMERIC JOINT SEALANT SHALL CONFORM TO ASTM C920, TYPE S OR M, GRADE NS, CLASS 50.

2. ASPHALT

- A. REFERENCE CITY OF VALDEZ SPECIFICATIONS DIVISION 40.
- B. REFERENCE STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION 2017.
- C. IF THERE IS A CONFLICT BETWEEN CITY OF VALDEZ SPECIFICATIONS AND ALASKA DOTPF SPECIFICATIONS THE MORE RESTRICTIVE SPECIFICATION SHALL BE USED.
- D. ADOTPF 401.1 ALL ASPHALT SHALL BE 2" HMA, TYPE II; CLASS B.
- E. CONTRACTOR SHALL PROVIDED BATCH PLANT TESTING TO MEET ATM 409.
- F. OWNER PROVIDED INSPECTION SHALL BE IN ACCORDANCE WITH ASTM D4125/D4125M 2016 FOR IN-PLACE DENSITY INSPECTIONS.

3. GEOTECHNICAL, SUB-COURSE AND LEVELING COURSES

- A. NO GEOTECHNICAL INVESTIGATION WAS PERFORM FOR THIS DEIGN. ASSUMPTION ALL WORK IS ON PREVIOUSLY CONSTRUCTED MATERIAL.
- B. COMPACTION TESTING SHALL BE ACCOMPLISHED BY OWNER OR TESTING COMPANY UNDER OWNER CONTRACT.
- C. SUBMIT PROCTORS FROM ALL PROPOSED SOURCES.
- D. ALL PROCTORS ARE TO BE CURRENT WITHIN 3 MONTHS OF PROPOSED USAGE.
- E. COV-SS 20.14.2 COMPACTION TO BE 95% OF PROCTOR OR GREATER.
- F. MAXIMUM LIFT ALLOWED IS 1 FOOT FOR SUB-GRADE MATERIAL.
- G. MAXIMUM LIFT ALLOWED IS 6 INCHES FOR LEVELING COURSE.
- H. COV-SS 20.21 GRADING OF EXISTING SURFACES
- I. COV-SS 20.26 DRAIN ROCK

4. DEMOLITION

- A. COV-SS 20.17 REMOVAL OF SIDEWALKS
- B. COV-SS 20.18 REMOVAL OF CURB AND GUTTER
- C. COV-SS 20.19 REMOVAL OF ASPHALT

5. SIGNS

- A. SIGNS SHALL MEET OR EXCEED COV-SS 70.14 OR AS SHOWN IN THE PLANS.

6. PAINTING

- A. PAINT SHALL MEET COV-SS 70.

7. GENERAL GRADING AND LANDSCAPING

- A. TOP SOIL SHALL MEET OR EXCEED COV-SS 75-04.
- B. SEEDING MIX MEET COV-75-05 OR BE SUBMITTED FOR APPROVAL BY THE ENGINEER.

NOTES:

8. PROTECTION OF EXISTING IMPROVEMENTS

- A. THE PROTECTION OF EXISTING STRUCTURES IS PARAMOUNT THE CONTRACTOR, MUCH OF THE WORK IS NEAR OR ADJACENT TO EXISTING BUILDINGS, COVERED WALKWAYS AND IN ONE AREA RADIANT HEAT WITHIN THE CONCRETE SIDEWALK. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING BUILDINGS, COVERED WALKWAYS AND THE RADIANT CONCRETE SIDEWALK.
- B. ANY DAMAGE, IF OCCURS NEEDS TO BE REPAIRED IMMEDIATELY.

9. CONCRETE SLOPE PROTECTION

- A. PLACE APPROXIMATELY 3 CUBIC YARDS AT 3 INCHES THICK FROM TOP OF SLOPE TO BOTTOM OF SLOPE, APPROXIMATELY 324 SF CENTERED ON THE LOW POINT OF THE EDGE OF ASPHALT. PLACEMENT OF CONCRETE CAN BE BEFORE ASPHALT (RECOMMENDED) OR AFTER ASPHALT PLACEMENT. TOP OF CONCRETE NEEDS TO BE 1/2" TO 1" BELOW TOP OF ASPHALT EDGE NO GAPS BETWEEN ASPHALT AND CONCRETE.

SUBMITTALS:

- 10 GENERAL
- 10.1 SCHEDULE
- 10.2 TRAFFIC CONTROL PLAN
- 10.3 PEDESTRIAN CONTROL PLAN
- 10.4 PROTECTION OF EXISTING IMPROVEMENTS PLAN
- 20 GEOTECHNICAL
- 20.1 PROCTOR - TYPE IIA
- 20.2 PROCTOR - LEVELING COURSE
- 30 CONCRETE
- 30.1 CONCRETE MIX DESIGN - SIDEWALKS AND A.D.A. RAMPS
- 30.2 CONCRETE MIX DESIGN - CURBS
- 30.3 CONCRETE AGGREGATE SUBMITTAL
- 30.4 CONCRETE REINFORCING WIRE
- 40 ASPHALT
- 40.1 ASPHALT MIX DESIGN
- 40.2 ASPHALT TESTING ATM 409
- 50 PAINT
- 50.1 PAINT SUBMITTAL
- 60 MISCELLANEOUS
- 60.1 SEEDING MIX DESIGN
- 70 SIGNS
- 70.1 SIGN SUBMITTAL



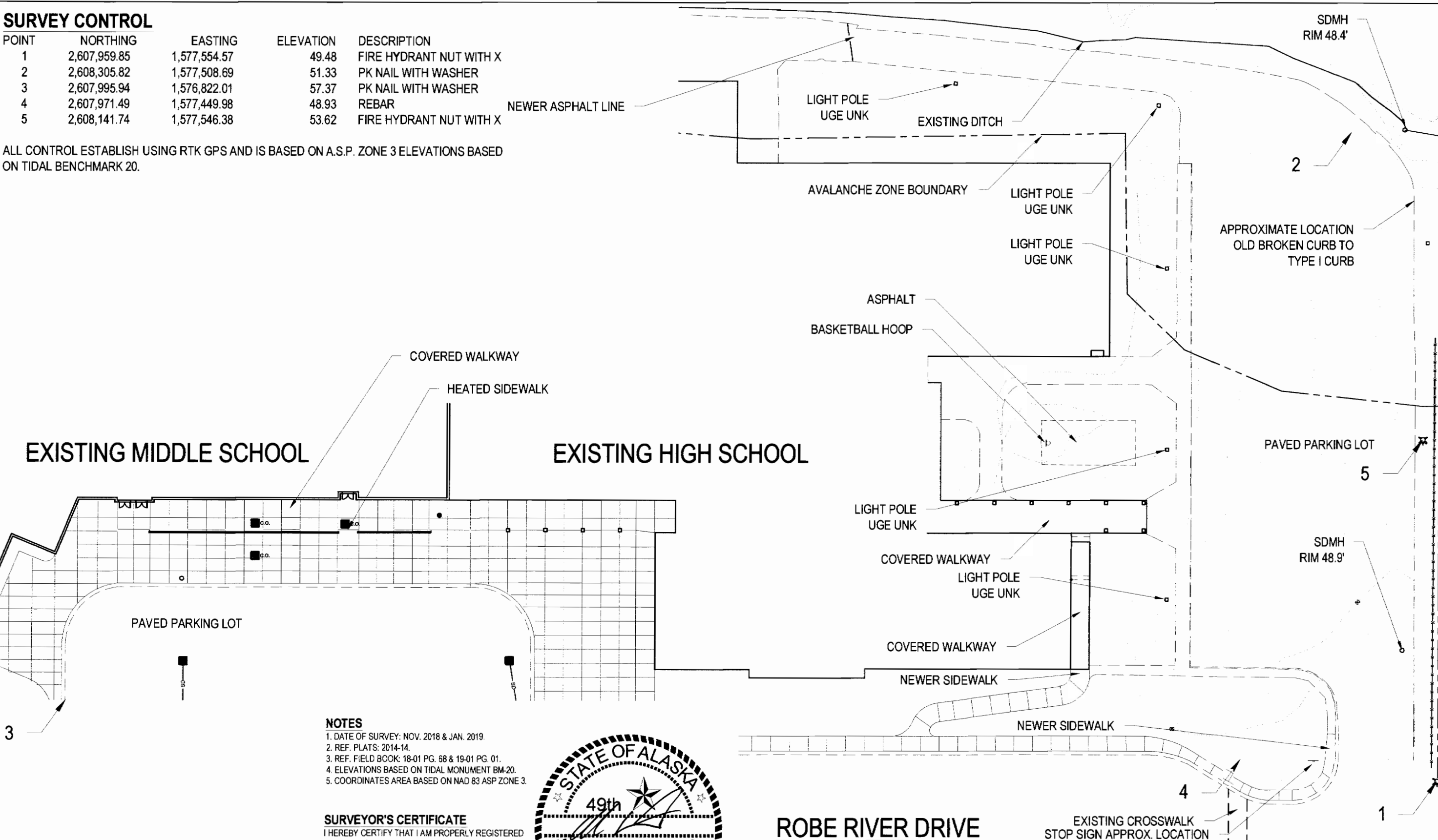
ISSUED FOR CONSTRUCTION

SPECIFICATIONS		WRANGELL MOUNTAIN TECHNICAL SERVICES			
LEGAL DESCRIPTION: VALDEZ HIGH SCHOOL AND MIDDLE SCHOOL BLOCK 21A, FIREWEED HILL SUBDIVISION VALDEZ, ALASKA		P.O. Box 118, CHITINA, ALASKA 99566 907-823-2280			
STREET ADDRESS: 319 AND 357 ROBE RIVER DRIVE, VALDEZ, ALASKA		DATE: 3/5/19	DRAWN: MINISH	CHECK: MINISH	SCALE: N.T.S.
PREPARED FOR: CITY OF VALDEZ		JOB#: 18071	DRAWING #: 18071 COV HIGH SCHOOL CONCRETE REPAIR	SHEET: C102	REV#: 0

SURVEY CONTROL

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	2,607,959.85	1,577,554.57	49.48	FIRE HYDRANT NUT WITH X
2	2,608,305.82	1,577,508.69	51.33	PK NAIL WITH WASHER
3	2,607,995.94	1,576,822.01	57.37	PK NAIL WITH WASHER
4	2,607,971.49	1,577,449.98	48.93	REBAR
5	2,608,141.74	1,577,546.38	53.62	FIRE HYDRANT NUT WITH X

ALL CONTROL ESTABLISH USING RTK GPS AND IS BASED ON A.S.P. ZONE 3 ELEVATIONS BASED ON TIDAL BENCHMARK 20.



- NOTES**
- 1. DATE OF SURVEY: NOV. 2018 & JAN. 2019.
 - 2. REF. PLATS: 2014-14.
 - 3. REF. FIELD BOOK: 18-01 PG. 68 & 19-01 PG. 01.
 - 4. ELEVATIONS BASED ON TIDAL MONUMENT BM-20.
 - 5. COORDINATES AREA BASED ON NAD 83 ASP ZONE 3.

SURVEYOR'S CERTIFICATE
I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND LICENSED TO PRACTICE LAND SURVEYING IN THE STATE OF ALASKA AND THAT THIS DRAWING PRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT ALL DIMENSIONS AND OTHER DETAILS ARE CORRECT AS OF JAN. 11, 2019.



ISSUED FOR CONSTRUCTION

ROBE RIVER DRIVE		WRANGELL MOUNTAIN TECHNICAL SERVICES	
TOPOGRAPHIC SURVEY/CONTROL		P.O. Box 118, CHITINA, ALASKA 99566	
LEGAL DESCRIPTION: VALDEZ HIGH SCHOOL AND MIDDLE SCHOOL BLOCK 21A, FIREWEED HILL SUBDIVISION VALDEZ, ALASKA		907-823-2280	
STREET ADDRESS: 319 AND 357 ROBE RIVER DRIVE, VALDEZ, ALASKA		DATE: 3/5/19	DRAWN: MINISH
PREPARED FOR: CITY OF VALDEZ		JOB#: 18071	CHECK: MINISH
		DRAWING#: 18071 COV HIGH SCHOOL CONCRETE REPAIR	SCALE: N.T.S.
			SHEET: C103
			REV#: 0

DEMOLITION NOTES:

1. ALL CONCRETE TO BE REMOVED FROM SITE, SEE EXCEPTION ITEM 7.
2. ALL ASPHALT TO BE REMOVED FROM SITE.
3. ASPHALT REMOVAL AND REPLACEMENT ALONG CURBS TO BE INCIDENTAL TO CURB BID ITEMS.
4. PROTECT ALL AREAS ADJACENT TO DEMO AREAS.
5. DAMAGE TO BUILDINGS, COVERED WALKWAYS, HEATED CONCRETE, EXISTING CONCRETE SIDEWALKS SHALL BE REPAIRED AT CONTRACTORS EXPENSE.
6. SEE DESIGN SHEETS FOR COORDINATES FOR DEMO LIMITS.
7. ONLY CONCRETE PLANNING ON BEING REUSED FOR SLOPE PROTECTION CAN REMAIN ON-SITE.

CAUTION HEATED
CONCRETE UNDER
COVERED WALKWAY
ADJACENT TO PROPOSED
WORK AREA
USE EXTREME CAUTION
WHEN DEMOLISHING EXISTING
SIDEWALK

EXISTING MIDDLE SCHOOL

EXISTING HIGH SCHOOL

CURB ±68'

TRANSITION CURB
TO BE LEFT TO PROTECT
TYPE 1 CURB TO SOUTH
MARK APPROXIMATE
LOCATION FOR ENGINEER
TO APPROVE PRIOR TO SAW
CUTTING
SEE DESIGN SHEET FOR
LOCATION

REMOVE ASPHALT ±17,400 SF

SOUTH LINE MAY ADJUST NORTH OR SOUTH
OR BE STAGGERED TO BE APPROVED
BY ENGINEER PRIOR TO CUTTING

CURB ±393'

SIDEWALK ±6675 SF

CURB ±260'

COVERED WALKWAY
CONCRETE SIDEWALK TO BE PROTECTED

NOTE THIS SIDEWALK IS NOT BEING REPLACED

CURB ±30'

SIDEWALK ±181.0 SF

SIDEWALK ±84.4 SF

CURB ±27.4'

MARK LOCATION PER DESIGN SHEET
FOR ENGINEERS APPROVAL ON CONNECTION
LOCATION PRIOR TO SAW CUTTING

IF REQUIRE TO REMOVE STOP SIGN RETAIN STOP SIGN FOR RE-INSTALLATION

ROBE RIVER DRIVE

DEMOLITION PLAN

LEGAL DESCRIPTION: VALDEZ HIGH SCHOOL AND MIDDLE SCHOOL
BLOCK 21A, FIREWEED HILL SUBDIVISION
VALDEZ, ALASKA

STREET ADDRESS: 319 AND 357 ROBE RIVER DRIVE, VALDEZ, ALASKA

PREPARED FOR: CITY OF VALDEZ

WRANGELL MOUNTAIN TECHNICAL SERVICES

P.O. Box 118, CHITINA, ALASKA 99566
907-823-2280

DATE: 3/5/19

DRAWN: MINISH

CHECK: MINISH

SCALE: N.T.S.

DRAWING #:

JOB#: 18071

18071 COV HIGH SCHOOL CONCRETE REPAIR

SHEET: C104

REV#: 0

ISSUED FOR CONSTRUCTION



DESIGN NOTES:

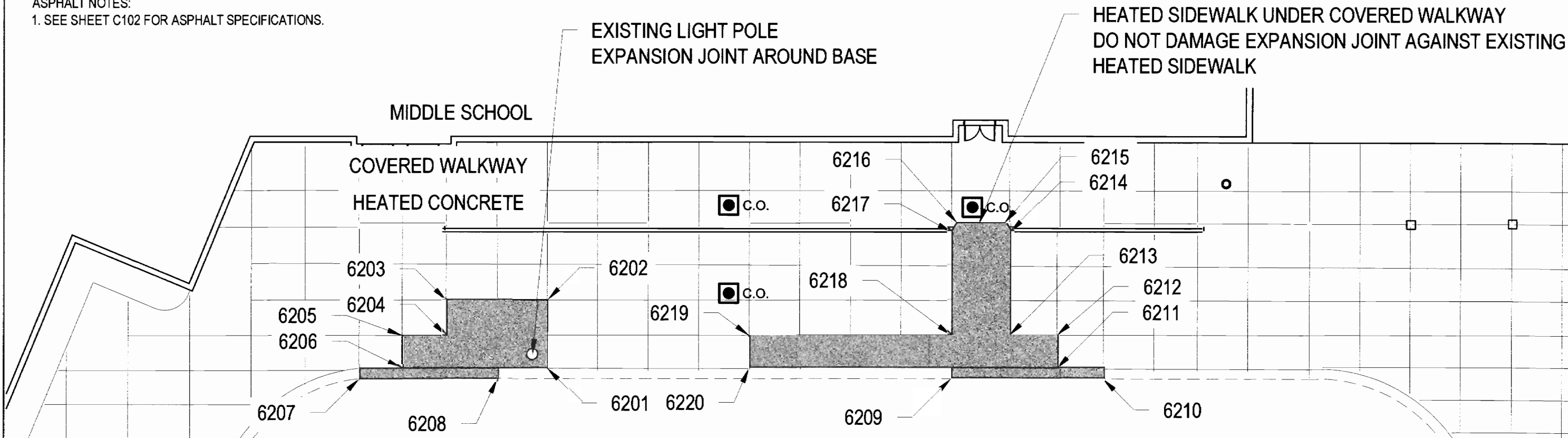
- 1. MATCH EXISTING SURFACE ELEVATIONS AT ALL LOCATIONS.
- 2. MATCH EXISTING CONTROL JOINTS AND EXPANSION JOINTS IN ALL LOCATIONS.
- 3. MATCH EXISTING CURB.
- 4. REMOVAL AND REPLACEMENT OF ASPHALT INCIDENTAL TO CURB BID ITEM REPLACEMENT IN THE WEST AREA.
- 5. COMPACT ALL SUB-GRADE PRIOR TO CONCRETE PLACEMENT.

CONCRETE NOTES:

- 1. SEE SHEET C102 FOR CONCRETE SPECIFICATIONS.

ASPHALT NOTES:

- 1. SEE SHEET C102 FOR ASPHALT SPECIFICATIONS.



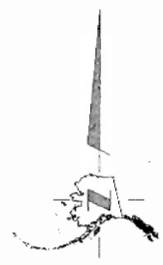
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
6201	2608064.5640	1576886.8440	56.45	SIDEWALK
6202	2608078.0480	1576886.9170	56.62	SIDEWALK
6203	2608077.9930	1576866.8410	56.64	SIDEWALK
6204	2608071.0382	1576866.8098	56.47	SIDEWALK
6205	2608071.0386	1576858.1625	56.50	SIDEWALK
6206	2608064.5413	1576858.1496	56.47	SIDEWALK
6207	2608062.5050	1576849.5940	56.44	CURB LIP
6208	2608062.5102	1576876.9813	56.37	CURB LIP

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
6209	2608062.5610	1576966.8130	56.35	CURB LIP
6210	2608062.5710	1576997.0300	55.87	CURB LIP
6211	2608064.5580	1576987.7710	56.13	SIDEWALK
6212	2608071.1570	1576987.7800	56.22	SIDEWALK
6213	2608071.1140	1576978.3580	56.47	SIDEWALK
6214	2608091.4323	1576978.3579	56.69	SIDEWALK
6215	2608093.2792	1576977.3556	56.72	SIDEWALK
6216	2608093.2426	1576967.9388	56.75	SIDEWALK
6217	2608091.3988	1576966.9784	56.72	SIDEWALK
6218	2608071.1400	1576966.9000	56.48	SIDEWALK
6219	2608071.0280	1576926.8248	56.47	SIDEWALK
6220	2608064.5675	1576926.8171	56.39	SIDEWALK



ISSUED FOR CONSTRUCTION

DESIGN WEST AREA				WRANGELL MOUNTAIN TECHNICAL SERVICES			
LEGAL DESCRIPTION: VALDEZ HIGH SCHOOL AND MIDDLE SCHOOL BLOCK 21A, FIREWEED HILL SUBDIVISION VALDEZ, ALASKA				P.O. Box 118, CHITINA, ALASKA 99566 907-823-2280			
STREET ADDRESS: 319 AND 357 ROBE RIVER DRIVE, VALDEZ, ALASKA				DATE: 3/5/19	DRAWN: MINISH	CHECK: MINISH	SCALE: N.T.S.
PREPARED FOR: CITY OF VALDEZ				JOB#: 18071	DRAWING #: 18071 COV HIGH SCHOOL CONCRETE REPAIR	SHEET: C105	REV#: 0



ZONE 2 SHEET C112

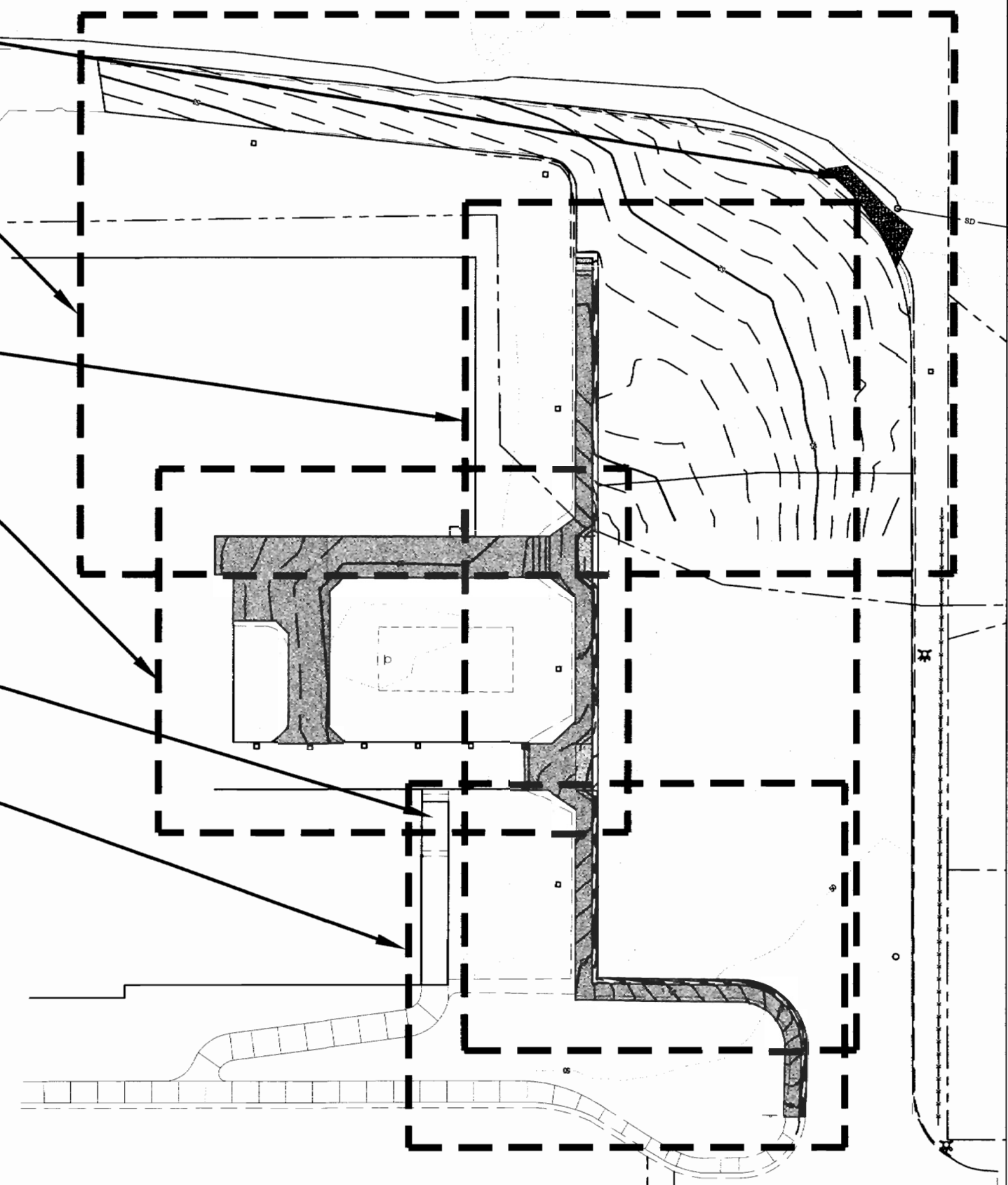
SHEET C108

SHEET C115

SHEET C109

ZONE 1 SHEET C107

SHEET C107

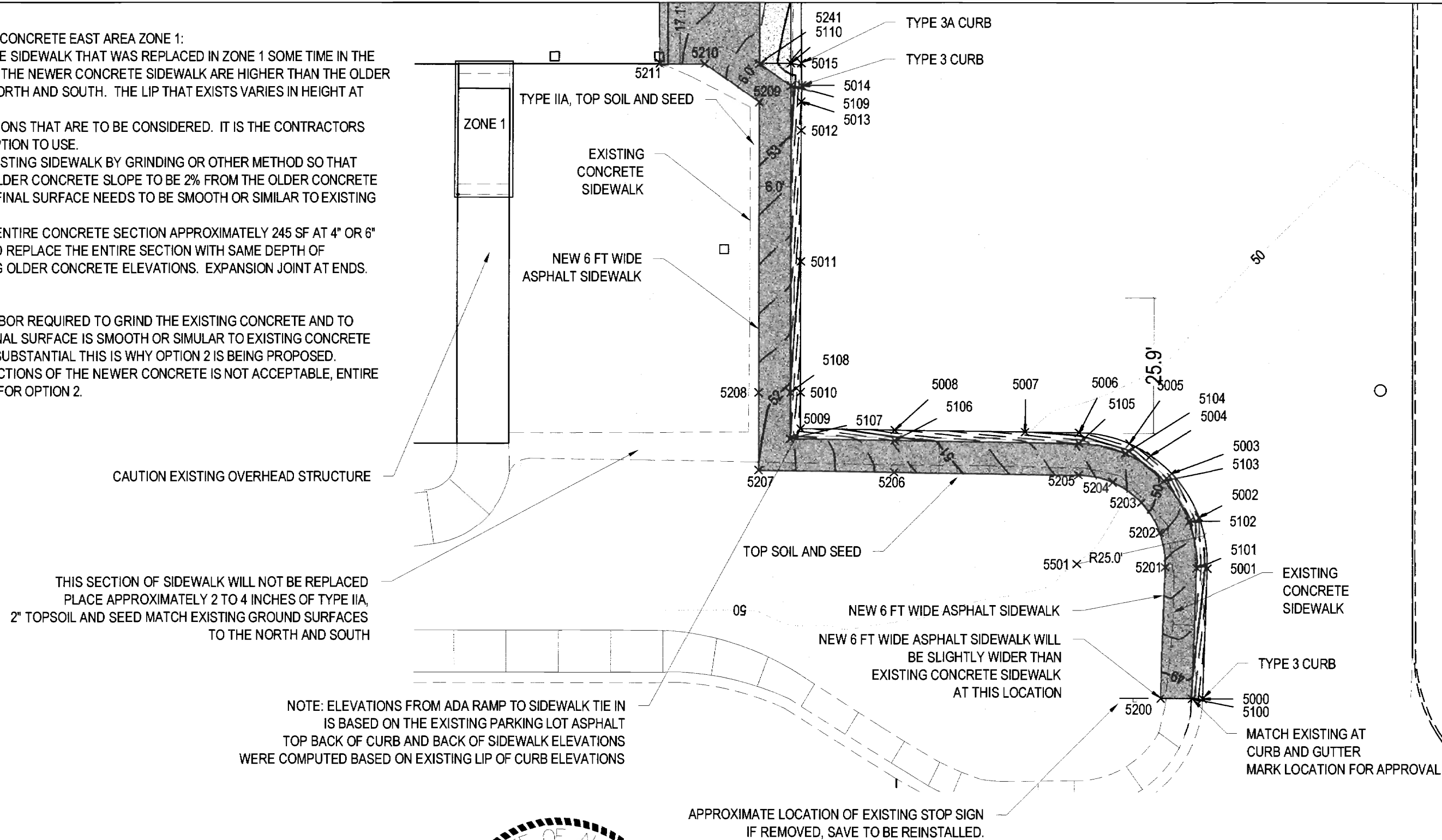


ISSUED FOR CONSTRUCTION

EAST AREA DESIGN OVERALL			WRANGELL MOUNTAIN TECHNICAL SERVICES			
LEGAL DESCRIPTION: VALDEZ HIGH SCHOOL AND MIDDLE SCHOOL BLOCK 21A, FIREWEED HILL SUBDIVISION VALDEZ, ALASKA			P.O. Box 118, CHITINA, ALASKA 99566 907-823-2280			
STREET ADDRESS: 319 AND 357 ROBE RIVER DRIVE, VALDEZ, ALASKA			DATE: 3/5/19	DRAWN: MINISH	CHECK: MINISH	SCALE: N.T.S.
PREPARED FOR: CITY OF VALDEZ			JOB#: 18071	DRAWING #: 18071 COV HIGH SCHOOL CONCRETE REPAIR	SHEET: C106	REV#: 0

MODIFY OR REPLACE CONCRETE EAST AREA ZONE 1:
THERE IS A CONCRETE SIDEWALK THAT WAS REPLACED IN ZONE 1 SOME TIME IN THE PAST. THE EDGES OF THE NEWER CONCRETE SIDEWALK ARE HIGHER THAN THE OLDER CONCRETE TO THE NORTH AND SOUTH. THE LIP THAT EXISTS VARIES IN HEIGHT AT EACH CORNER.
THERE ARE TWO OPTIONS THAT ARE TO BE CONSIDERED. IT IS THE CONTRACTORS CHOICE ON WHICH OPTION TO USE.
OPTION 1: MODIFY EXISTING SIDEWALK BY GRINDING OR OTHER METHOD SO THAT EDGES MATCH THE OLDER CONCRETE SLOPE TO BE 2% FROM THE OLDER CONCRETE AT BOTH ENDS. THE FINAL SURFACE NEEDS TO BE SMOOTH OR SIMILAR TO EXISTING CONCRETE SURFACE.
OPTION 2: REMOVED ENTIRE CONCRETE SECTION APPROXIMATELY 245 SF AT 4" OR 6" DEPTH UNKNOWN AND REPLACE THE ENTIRE SECTION WITH SAME DEPTH OF CONCRETE MATCHING OLDER CONCRETE ELEVATIONS. EXPANSION JOINT AT ENDS.

NOTE
1. THE AMOUNT OF LABOR REQUIRED TO GRIND THE EXISTING CONCRETE AND TO ENSURE THAT THE FINAL SURFACE IS SMOOTH OR SIMILAR TO EXISTING CONCRETE SURFACE COULD BE SUBSTANTIAL THIS IS WHY OPTION 2 IS BEING PROPOSED.
2. CUTTING SMALL SECTIONS OF THE NEWER CONCRETE IS NOT ACCEPTABLE, ENTIRE REPLACEMENT ONLY FOR OPTION 2.



ISSUED FOR CONSTRUCTION

EAST AREA SOUTH		WRANGELL MOUNTAIN TECHNICAL SERVICES			
LEGAL DESCRIPTION: VALDEZ HIGH SCHOOL AND MIDDLE SCHOOL BLOCK 21A, FIREWEED HILL SUBDIVISION VALDEZ, ALASKA		P.O. Box 118, CHITINA, ALASKA 99566 907-823-2280			
STREET ADDRESS: 319 AND 387 ROBE RIVER DRIVE, VALDEZ, ALASKA		DATE: 3/5/19	DRAWN: MINISH	CHECK: MINISH	SCALE: 1" = 20'
PREPARED FOR: CITY OF VALDEZ		JOB#: 18071	DRAWING #: 18071 COV HIGH SCHOOL CONCRETE REPAIR	SHEET: C107	REV#: 0

#	NORTHING	EASTING	ELEV	DESCRIPTION
5000	2607970.78	1577502.11	48.37	LIP ME
5001	2607995.62	1577502.94	48.89	LIP PC
5002	2608005.36	1577501.32	49.16	LIP
5003	2608013.71	1577496.05	49.43	LIP
5004	2608017.11	1577492.05	49.48	LIP
5005	2608019.37	1577487.96	49.65	LIP
5006	2608021.46	1577478.30	49.84	LIP PT
5007	2608021.60	1577467.92	50.03	LIP
5008	2608021.95	1577442.93	50.64	LIP
5009	2608022.20	1577424.88	51.28	LIP ANGLE
5010	2608029.15	1577424.88	51.42	LIP
5011	2608054.15	1577424.86	51.96	LIP
5012	2608079.15	1577424.85	52.50	LIP
5013	2608084.65	1577424.85	52.60	LIP
5014	2608087.77	1577424.85	52.66	LIP
5015	2608091.97	1577424.85	52.75	LIP
5016	2608104.15	1577424.84	52.98	LIP
5017	2608109.10	1577424.84	53.05	LIP
5018	2608115.10	1577424.83	53.14	LIP
5019	2608117.59	1577424.83	53.17	LIP
5020	2608129.15	1577424.83	53.33	LIP
5021	2608156.47	1577424.82	53.55	LIP HP
5022	2608165.88	1577424.81	53.54	LIP
5023	2608170.88	1577424.81	53.54	LIP
5024	2608179.15	1577424.80	53.55	LIP
5025	2608185.88	1577424.80	53.55	LIP
5026	2608190.28	1577424.80	53.49	LIP
5027	2608204.15	1577424.79	53.22	LIP
5028	2608229.15	1577424.78	52.74	LIP
5029	2608242.52	1577424.78	52.50	LIP
5030	2608254.15	1577424.77	52.47	LIP
5031	2608279.15	1577424.75	52.42	LIP
5032	2608290.86	1577424.75	52.40	LIP
5033	2608290.84	1577416.74	52.40	LIP
5100	2607970.79	1577500.11	48.91	TBC ME
5101	2607995.69	1577500.94	49.43	TBC PC
5102	2608004.65	1577499.45	49.70	TBC
5103	2608012.33	1577494.60	49.97	TBC
5104	2608017.54	1577487.16	50.19	TBC
5105	2608019.46	1577478.28	50.38	TBC PT
5106	2608019.94	1577442.90	51.18	TBC
5107	2608020.23	1577422.88	51.82	TBC ANGLE POINT
5108	2608029.15	1577422.88	51.96	TBC
5109	2608087.77	1577422.85	53.20	TBC TYPE 3
5110	2608091.97	1577422.85	52.79	TBC TYPE 3A

#	NORTHING	EASTING	ELEV	DESCRIPTION
5111	2608109.10	1577422.84	53.09	TBC TYPE 3A
5112	2608115.10	1577422.83	53.68	TBC TYPE 3
5113	2608156.47	1577422.81	54.09	TBC TYPE 3 HP
5114	2608165.88	1577422.81	54.08	TBC TYPE 3
5115	2608170.88	1577422.81	53.58	TBC TYPE 3A
5116	2608185.88	1577422.80	53.59	TBC TYPE 3A
5117	2608190.28	1577422.80	54.03	TBC TYPE 3
5118	2608242.52	1577422.78	53.04	TBC
5119	2608282.86	1577422.75	52.94	TBC TYPE 3
5120	2608288.86	1577422.75	52.44	TBC TYPE 3A
5121	2608288.84	1577416.75	52.44	TBC TYPE 3A
5200	2607970.82	1577494.10	48.86	SW ME
5201	2607995.89	1577494.95	49.55	SW PC
5202	2608002.51	1577493.84	49.82	SW
5203	2608008.19	1577490.26	50.09	SW
5204	2608012.04	1577484.76	50.31	SW
5205	2608013.46	1577478.19	50.50	SW PT
5206	2608013.95	1577442.82	51.30	SW
5207	2608014.31	1577416.88	51.99	SW ANGLE POINT
5208	2608029.15	1577416.88	52.08	SW
5209	2608084.65	1577416.85	53.26	SW
5210	2608091.97	1577406.38	53.49	SW
5211	2608091.97	1577397.87	53.71	SW ME
5212	2608109.10	1577397.77	53.81	SW ME
5213	2608109.10	1577408.35	53.68	SW
5214	2608117.58	1577416.83	53.83	SW
5215	2608156.46	1577416.81	54.12	SW HP
5216	2608163.05	1577416.81	54.20	SW
5217	2608170.88	1577406.81	54.28	SW RAMP
5218	2608170.88	1577400.81	54.78	SW RAMP
5219	2608170.92	1577376.21	54.90	SW
5220	2608170.88	1577330.04	54.90	SW
5221	2608165.88	1577325.02	54.92	SW
5222	2608130.36	1577324.88	54.99	SW
5223	2608115.36	1577324.82	54.98	SW
5224	2608109.36	1577330.80	54.88	SW ME
5225	2608109.34	1577303.80	55.50	SW ME
5226	2608115.35	1577309.82	55.29	SW
5227	2608130.35	1577309.88	55.29	SW
5228	2608149.82	1577309.96	55.27	SW
5229	2608154.80	1577304.97	55.37	SW
5230	2608154.80	1577289.09	55.69	SW
5231	2608171.93	1577289.19	55.69	SW
5232	2608171.93	1577282.22	55.86	SW ME

#	NORTHING	EASTING	ELEV	DESCRIPTION
5233	2608186.02	1577282.24	55.87	SW ME
5234	2608185.71	1577330.04	55.20	SW
5235	2608185.96	1577376.21	55.20	SW
5236	2608185.87	1577400.80	54.79	SW RAMP
5237	2608185.88	1577406.80	54.29	SW RAMP
5238	2608193.32	1577416.80	54.09	SW
5239	2608242.51	1577416.77	53.16	SW
5240	2608282.84	1577416.75	52.94	SW RAMP
5241	2608091.97	1577416.85	53.29	SW RAMP
5242	2608109.10	1577416.84	53.59	SW RAMP
5243	2608170.86	1577416.81	54.08	SW RAMP
5244	2608185.88	1577416.80	54.09	SW RAMP
5300	2608363.57	1577238.21	52.79	ASP EDGE ME
5301	2608345.86	1577407.58	51.84	ASP EDGE
5302	2608339.82	1577465.23	51.10	ASP EDGE PT
5303	2608337.37	1577478.42	51.08	ASP EDGE
5304	2608332.87	1577491.09	51.07	ASP EDGE
5305	2608326.42	1577502.89	51.05	ASP EDGE
5306	2608318.20	1577513.52	51.03	ASP EDGE
5307	2608312.17	1577519.53	51.02	ASP EDGE
5308	2608308.40	1577522.73	51.03	ASP EDGE
5309	2608297.27	1577530.27	51.08	ASP EDGE
5310	2608285.10	1577535.97	51.12	ASP EDGE
5311	2608272.18	1577539.68	51.15	ASP EDGE
5312	2608255.28	1577541.37	51.33	ASP EDGE PC
5313	2608242.52	1577541.37	51.46	ASP EDGE
5314	2608217.52	1577541.32	51.29	ASP EDGE
5315	2608208.56	1577541.30	51.23	ASP EDGE
5316	2608192.52	1577541.37	51.14	ASP EDGE
5317	2608313.56	1577416.69	52.40	ASP EDGE PC
5318	2608321.91	1577413.47	52.40	ASP
5319	2608325.96	1577405.49	52.40	ASP EDGE PT
5320	2608343.18	1577241.15	53.41	ASP EDGE ME
5321	2608272.18	1577487.18	52.05	ASP CONTROL
5322	2608242.52	1577455.97	52.66	ASP
5323	2608241.57	1577487.18	52.29	ASP
5324	2608242.52	1577514.27	51.70	ASP
5325	2608217.52	1577455.96	52.82	ASP
5326	2608217.52	1577487.15	52.48	ASP
5327	2608217.52	1577514.26	51.77	ASP
5328	2608192.52	1577455.96	52.95	ASP
5329	2608192.52	1577487.14	52.56	ASP
5330	2608192.52	1577514.25	51.73	ASP
5331	2608209.20	1577487.15	52.55	ASP

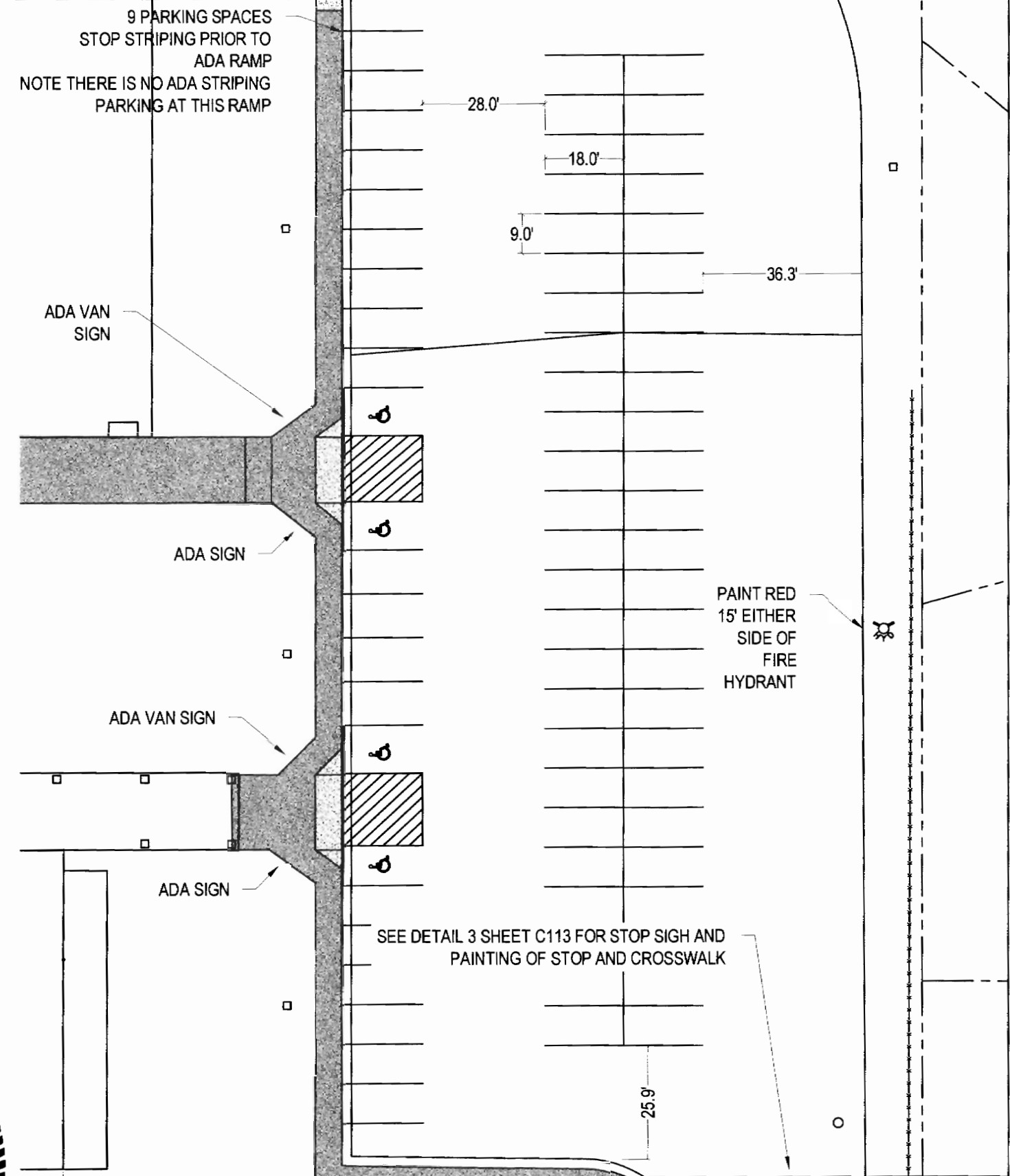
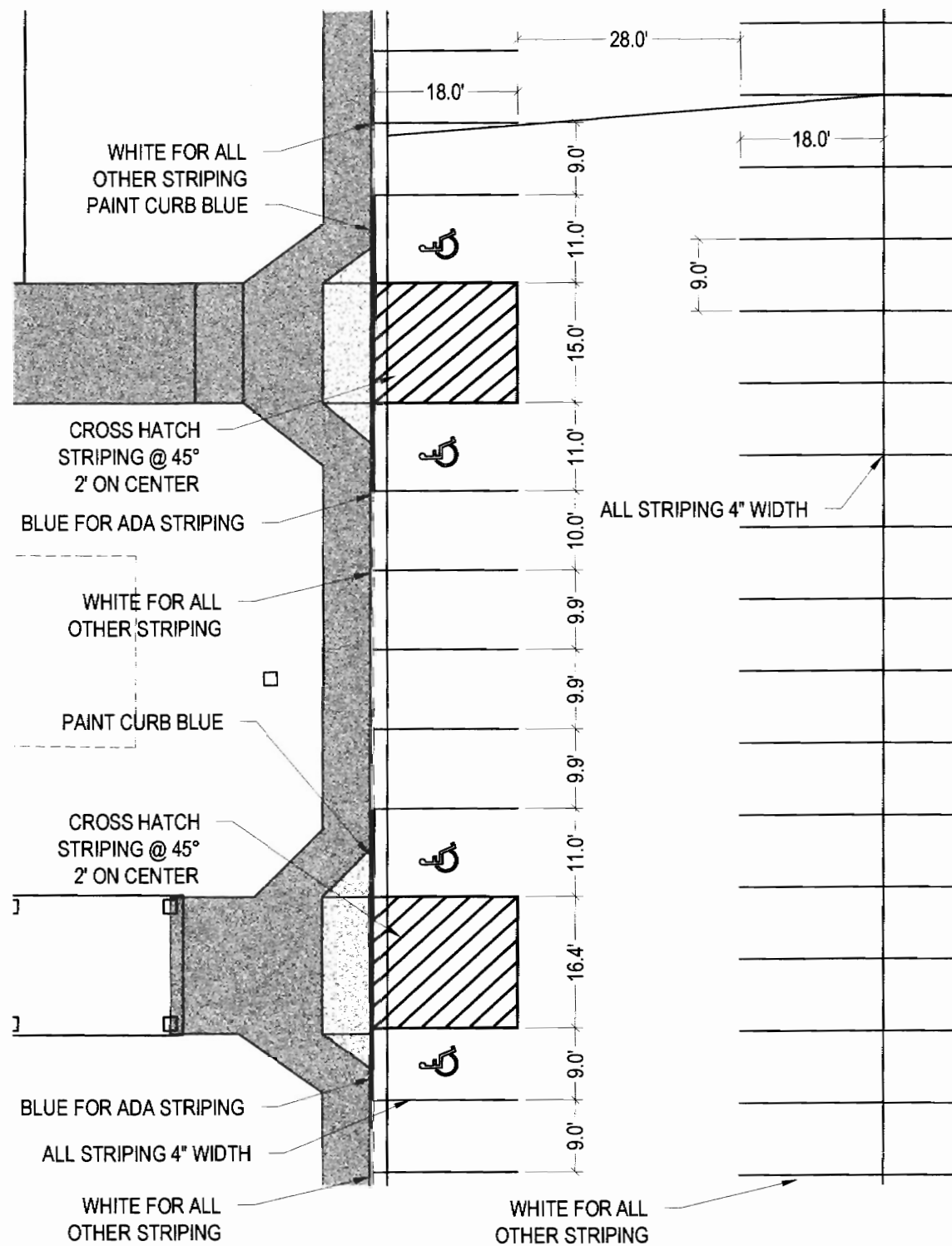
#	NORTHING	EASTING	ELEV	DESCRIPTION
5400	2608186.55	1577542.15	51.11	ASP OG
5401	2608185.60	1577529.32	51.21	ASP OG
5402	2608184.15	1577501.55	52.13	ASP OG
5403	2608183.57	1577487.18	52.57	ASP OG
5404	2608209.52	1577423.13	53.14	ASP OG
5405	2608209.32	1577448.94	52.94	ASP OG
5406	2608209.25	1577471.49	52.66	ASP OG
5407	2608209.20	1577487.15	52.55	ASP OG
5408	2608209.11	1577513.45	51.81	ASP OG
5409	2608209.02	1577532.38	51.27	ASP OG
5410	2608208.56	1577541.30	51.23	ASP OG
5411	2608269.25	1577541.25	51.21	ASP OG
5412	2608242.52	1577541.37	51.46	ASP OG
5413	2608241.48	1577515.71	51.67	ASP OG
5414	2608241.57	1577487.18	52.29	ASP OG
5415	2608241.55	1577459.17	52.67	ASP OG
5416	2608241.50	1577443.60	52.66	ASP OG

5501 2607996.46 1577477.96 0.00 RADIUS PT 25 TO LIP
5502 2608313.53 1577404.19 0.00 RP 12.5 TO LIP
5503 2608255.28 1577456.37 0.00 RP 85 TO ASP



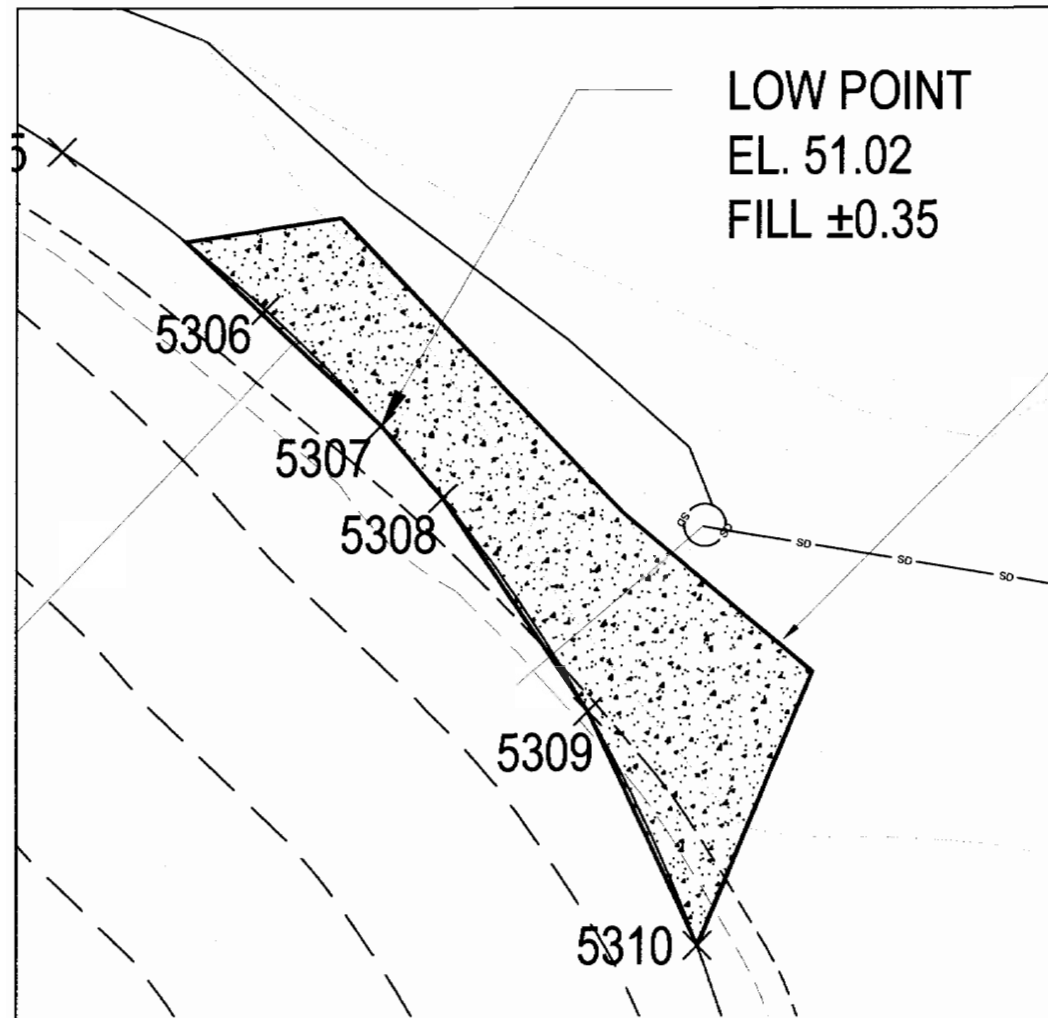
ISSUED FOR CONSTRUCTION

DESIGN SURVEY POINTS				WRANGELL MOUNTAIN TECHNICAL SERVICES			
LEGAL DESCRIPTION: VALDEZ HIGH SCHOOL AND MIDDLE SCHOOL BLOCK 21A, FIREWEED HILL SUBDIVISION VALDEZ, ALASKA				P.O. Box 118, CHITINA, ALASKA 99566 907-823-2280			
STREET ADDRESS: 319 AND 357 ROBE RIVER DRIVE, VALDEZ, ALASKA				DATE: 3/5/19	DRAWN: MINISH	CHECK: MINISH	SCALE: N.T.S.
PREPARED FOR: CITY OF VALDEZ				JOB#: 18071	DRAWING #: 18071 COV HIGH SCHOOL CONCRETE REPAIR	SHEET: C110	REV#: 0



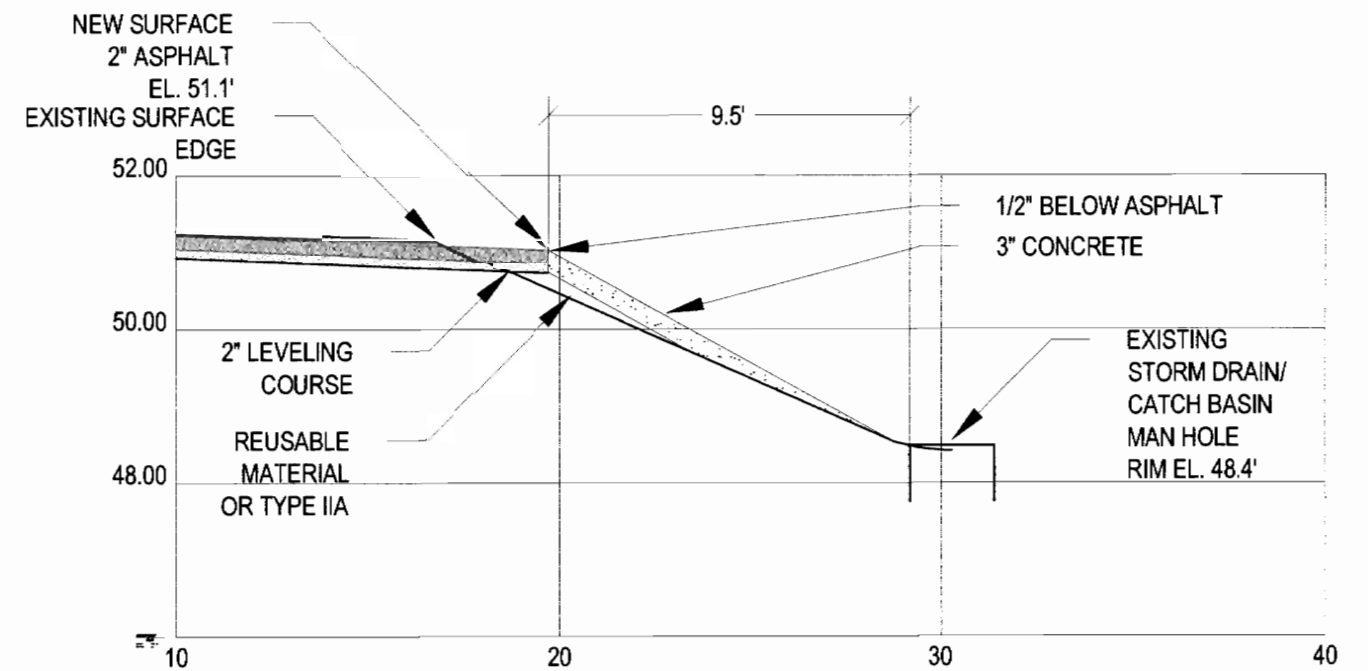
ISSUED FOR CONSTRUCTION

SIGNAGE AND PARKING STRIPES				WRANGELL MOUNTAIN TECHNICAL SERVICES			
LEGAL DESCRIPTION: VALDEZ HIGH SCHOOL AND MIDDLE SCHOOL BLOCK 21A, FIREWEED HILL SUBDIVISION VALDEZ, ALASKA				P.O. Box 118, CHITINA, ALASKA 99566 907-823-2280			
STREET ADDRESS: 319 AND 357 ROBE RIVER DRIVE, VALDEZ, ALASKA				DATE: 3/5/19	DRAWN: MINISH	CHECK: MINISH	SCALE: N.T.S.
PREPARED FOR: CITY OF VALDEZ				JOB#: 18071	DRAWING #: 18071 COV HIGH SCHOOL CONCRETE REPAIR	SHEET: C111	REV#: 0



DETAIL 1
CONCRETE SLOPE PROTECTION ZONE 2
 SCALE 1" = 10'

CONCRETE
 SLURRY
 ±310 SF AT 3" THICKNESS
 DETAIL 2 SHT 112

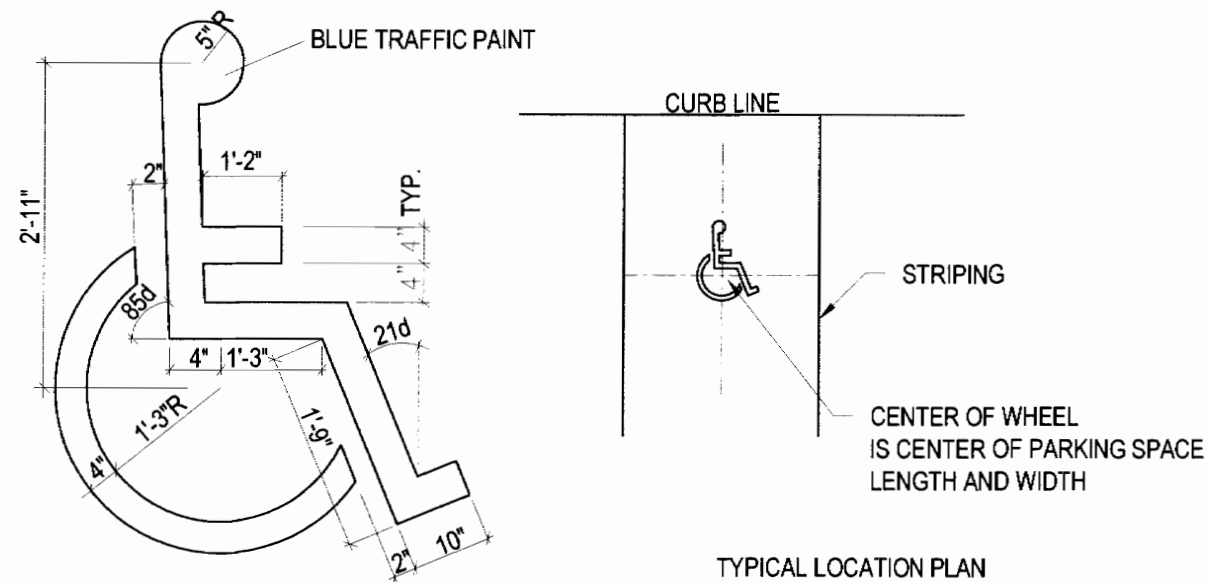


DETAIL 2
CONCRETE SLURRY OPTION
 N.T.S.



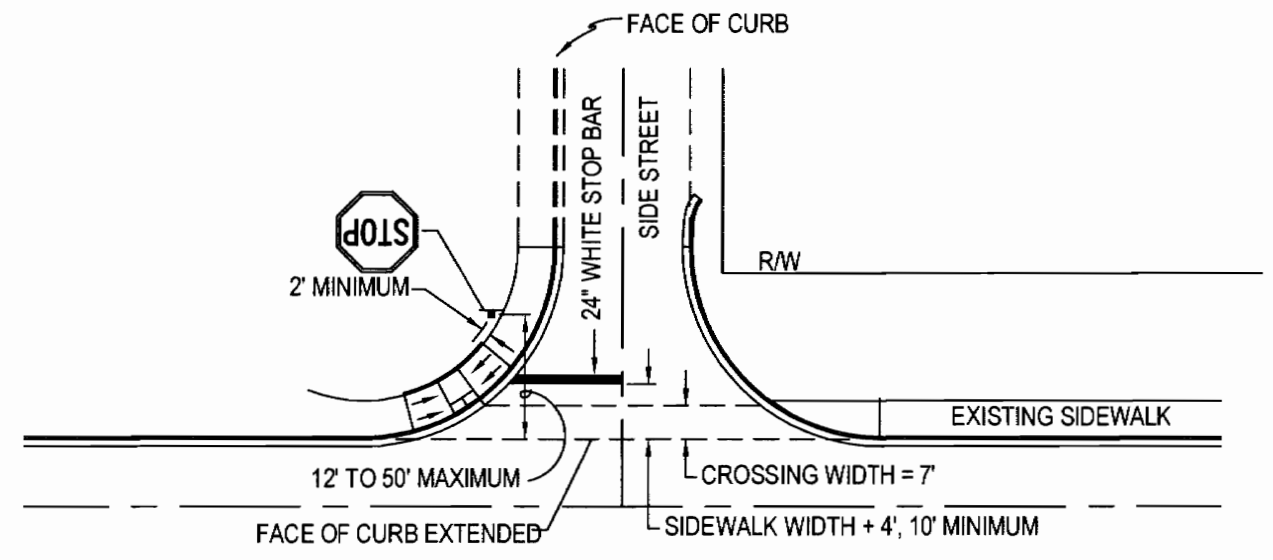
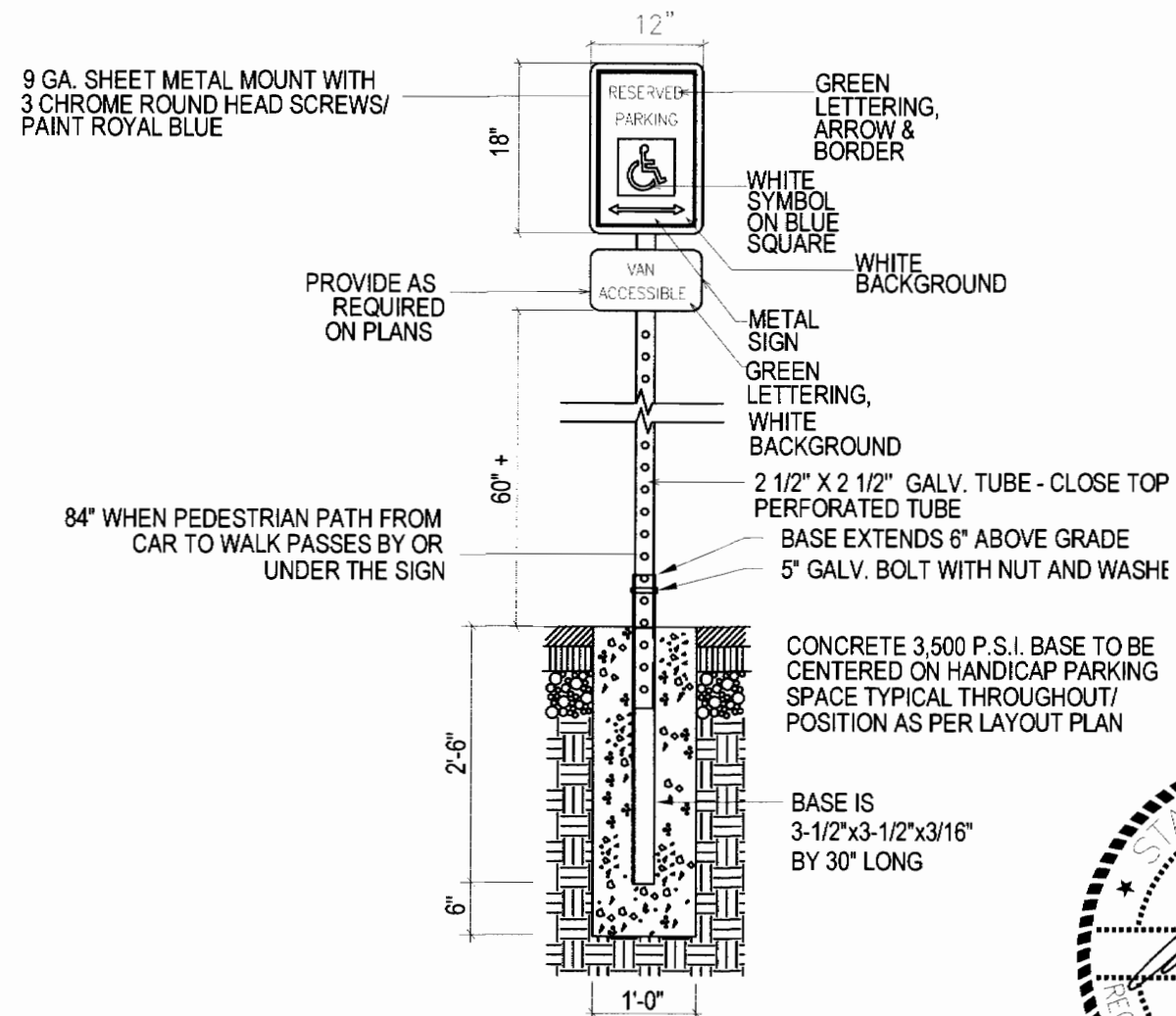
ISSUED FOR CONSTRUCTION

DETAILS			WRANGELL MOUNTAIN TECHNICAL SERVICES			
LEGAL DESCRIPTION: VALDEZ HIGH SCHOOL AND MIDDLE SCHOOL BLOCK 21A, FIREWEED HILL SUBDIVISION VALDEZ, ALASKA			P.O. Box 118, CHITINA, ALASKA 99566 907-823-2280			
STREET ADDRESS: 319 AND 357 ROBE RIVER DRIVE, VALDEZ, ALASKA			DATE: 3/5/19	DRAWN: MINISH	CHECK: MINISH	SCALE: N.T.S.
PREPARED FOR: CITY OF VALDEZ			JOB#: 18071	DRAWING #: 18071 COV HIGH SCHOOL CONCRETE REPAIR	SHEET: C112	REV#: 0



NOTE: SEE SITE PLAN FOR LOCATIONS

DETAIL 1
N.T.S.



TYPICAL CURBED RETURN WITH SIDEWALK

THE FOLLOWING IS ONLY REQUIRED:

- LOCATE STOP SIGN IF REMOVED SO THAT IT IS
 - VISIBLE TO APPROACHING TRAFFIC AND
 - AS NEAR TO THE STOP BAR AS PRACTICABLE.
- PAINT CROSS WALK IN YELLOW PAINT BETWEEN EXISTING SIDEWALKS AS SHOWN.
- PAINT WHITE STOP BAR.

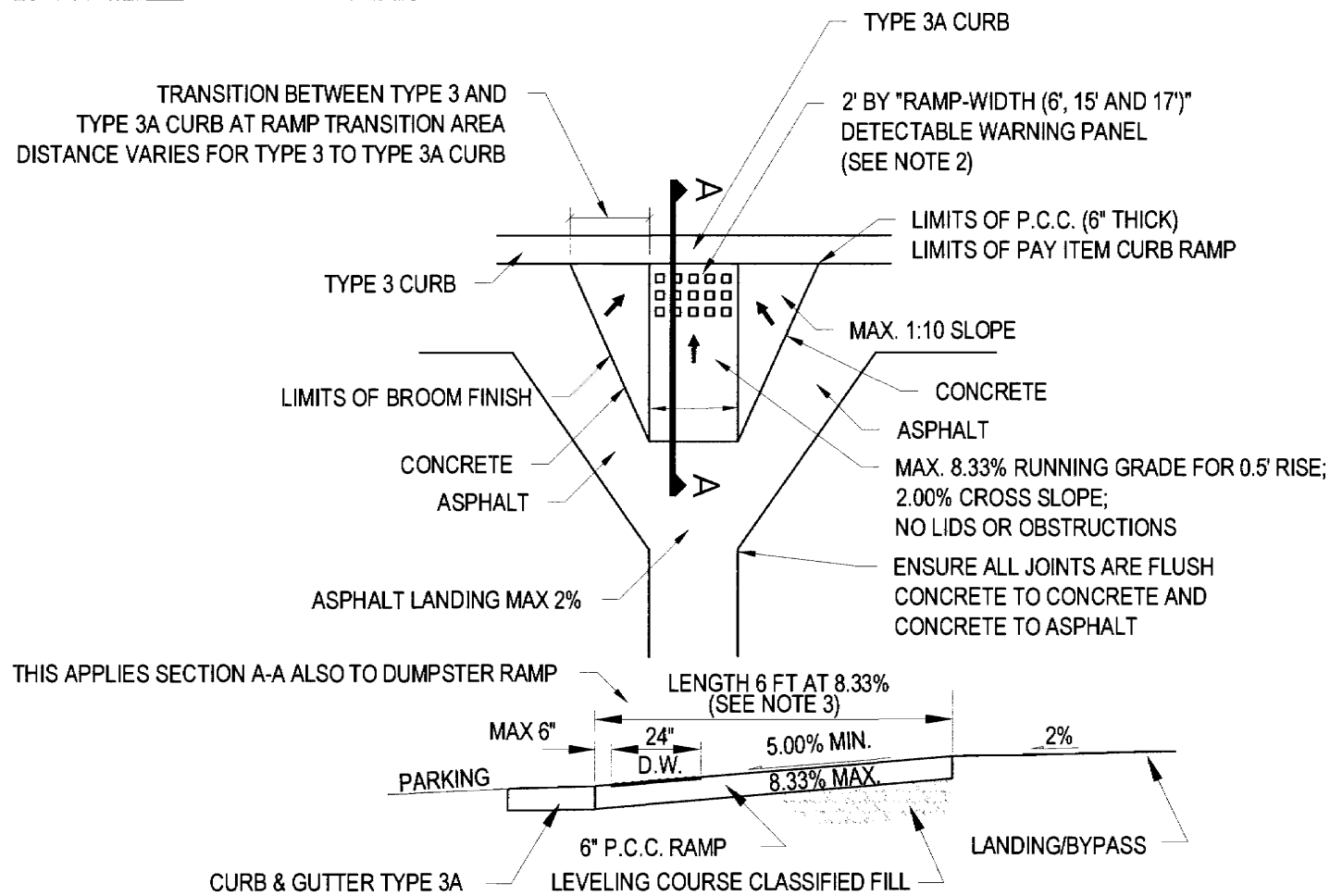
DETAIL 3
N.T.S.

(EDITED FROM M.A.S.S. 70-18)



ISSUED FOR CONSTRUCTION

DETAILS		WRANGELL MOUNTAIN TECHNICAL SERVICES			
LEGAL DESCRIPTION: VALDEZ HIGH SCHOOL AND MIDDLE SCHOOL BLOCK 21A, FIREWEED HILL SUBDIVISION VALDEZ, ALASKA		P.O. Box 118, CHITINA, ALASKA 99566 907-823-2280			
STREET ADDRESS: 319 AND 357 ROBE RIVER DRIVE, VALDEZ, ALASKA	DATE: 3/5/19	DRAWN: MINISH	CHECK: MINISH	SCALE: N.T.S.	
PREPARED FOR: CITY OF VALDEZ	JOB#: 18071	DRAWING #: 18071 COV HIGH SCHOOL CONCRETE REPAIR	SHEET: C113	REV#: 0	

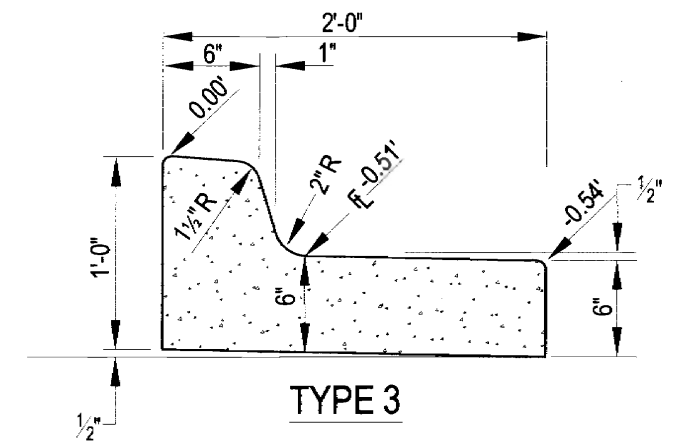


SECTION A-A

1. CONSTRUCT PERPENDICULAR RAMPS AND FLARES WITH A BROOM FINISH PARALLEL TO THE CURB.
2. INSTALL DETECTABLE WARNING PANELS (D.W.) IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND THE DETAIL ABOVE. SET DETECTABLE WARNINGS SO THAT THE FIELD AREA AT THE BASE OF THE DOMES IS FLUSH WITH SURROUNDING CONCRETE. NO LIP IS ALLOWED AT THE EDGE OF THE DETECTABLE WARNINGS.
3. RAMP LENGTH IS BASED ON ADA REQUIREMENTS OF NO GREATER THAN 1:12 (8.33%) RISE IN 0.5' VERTICALLY.
4. TRIM OUTSIDE EDGES AND JOINTS OF RAMP AND FLARES WITH ONE-QUARTER INCH (1/4") RADIUS EDGING TOOL.
5. SEE DRAWINGS FOR REFERENCE POINT STATION AND OFFSET.

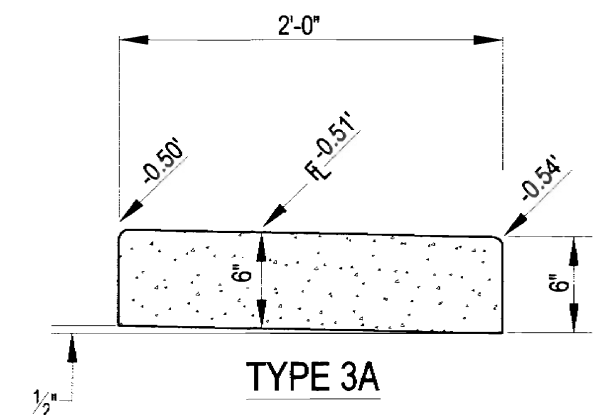
DETAIL 3

N.T.S.
(EDITED FROM M.A.S.S. 30-8)



DETAIL 1

N.T.S.
(M.A.S.S. 30-1)

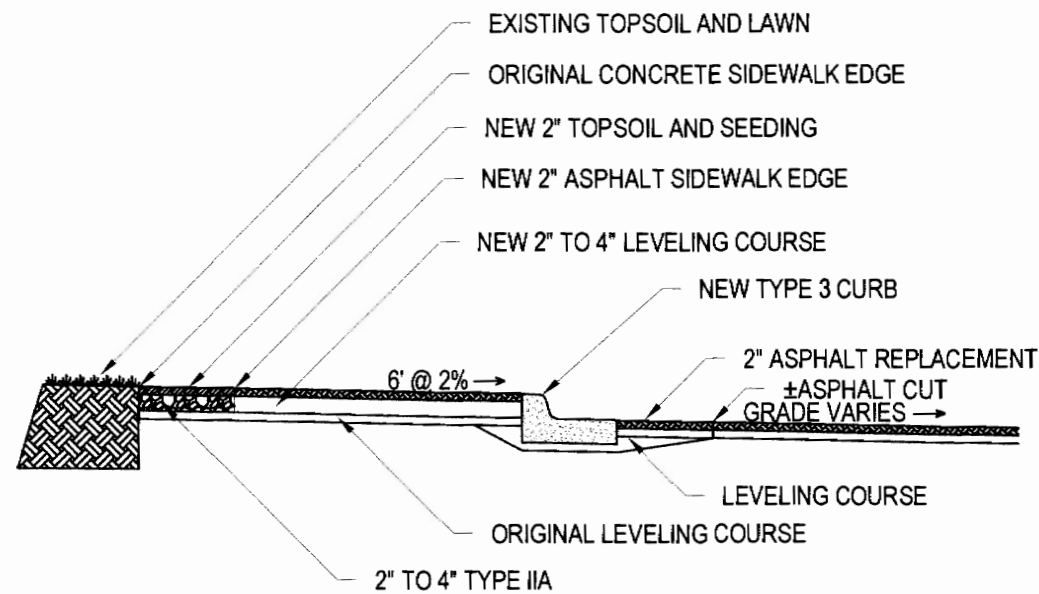
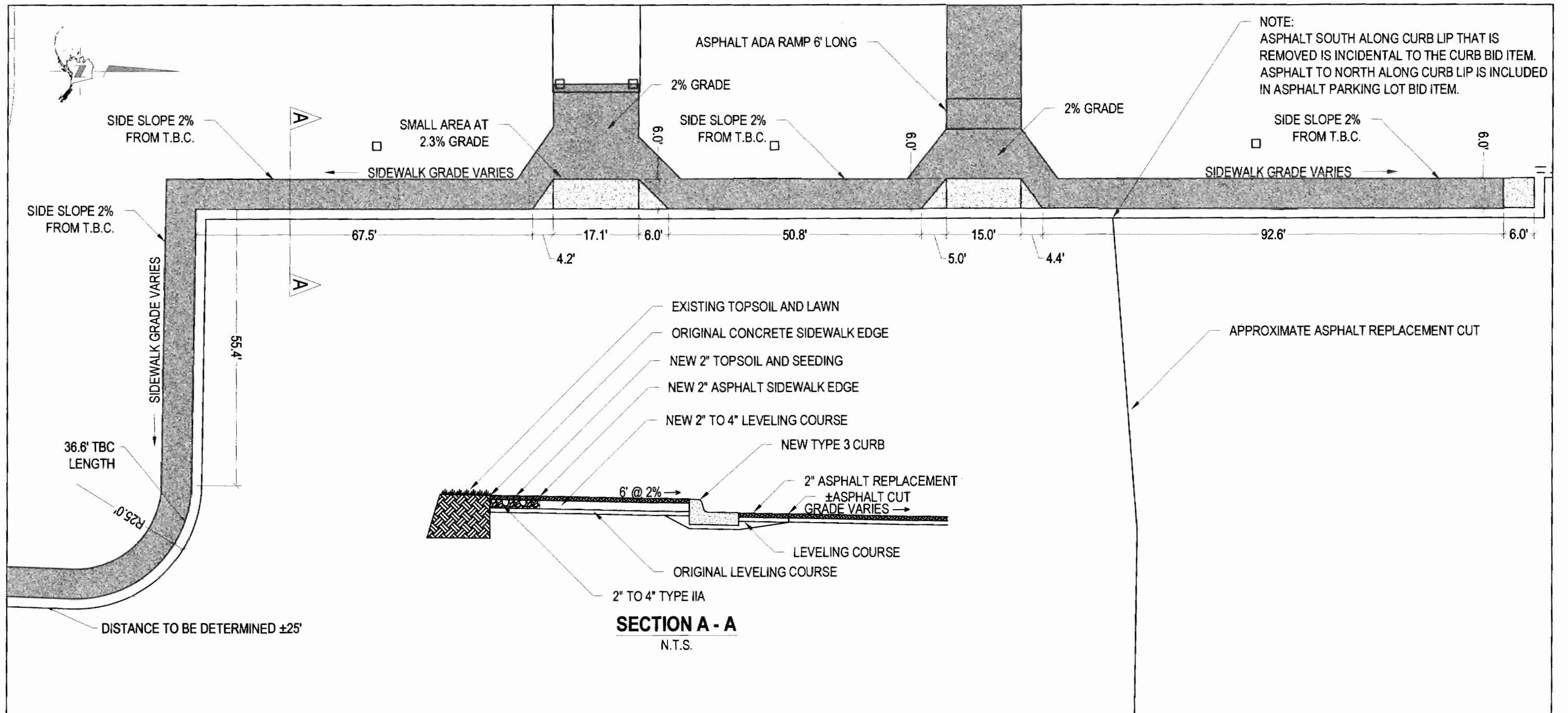


DETAIL 2

N.T.S.
(EDITED FROM M.A.S.S. 30-8)

ISSUED FOR CONSTRUCTION

DETAILS		WRANGELL MOUNTAIN TECHNICAL SERVICES			
LEGAL DESCRIPTION: VALDEZ HIGH SCHOOL AND MIDDLE SCHOOL BLOCK 21A, FIREWEED HILL SUBDIVISION VALDEZ, ALASKA		P.O. Box 118, CHITINA, ALASKA 99566 907-823-2280			
STREET ADDRESS:	319 AND 357 ROBE RIVER DRIVE, VALDEZ, ALASKA	DATE:	3/5/19	DRAWN:	MINISH
PREPARED FOR:	CITY OF VALDEZ	JOB#:	18071	CHECK:	MINISH
		DRAWING #:	18071 COV HIGH SCHOOL CONCRETE REPAIR	SCALE:	N.T.S.
		SHEET:	C114	REV#:	0



SECTION A - A
N.T.S.

DETAIL 1
SCALE 1" = 20'



ISSUED FOR CONSTRUCTION

DETAILS		WRANGELL MOUNTAIN TECHNICAL SERVICES			
LEGAL DESCRIPTION: VALDEZ HIGH SCHOOL AND MIDDLE SCHOOL BLOCK 21A, FIREWEED HILL SUBDIVISION VALDEZ, ALASKA		P.O. Box 118, CHITINA, ALASKA 99566 907-823-2280			
STREET ADDRESS: 319 AND 357 ROBE RIVER DRIVE, VALDEZ, ALASKA	DATE: 3/5/19	DRAWN: MINISH	CHECK: MINISH	SCALE: AS SHOWN	
PREPARED FOR: CITY OF VALDEZ	JOB#: 18071	DRAWING #: 18071 COV HIGH SCHOOL CONCRETE REPAIR	SHEET: C115	REV#: 0	