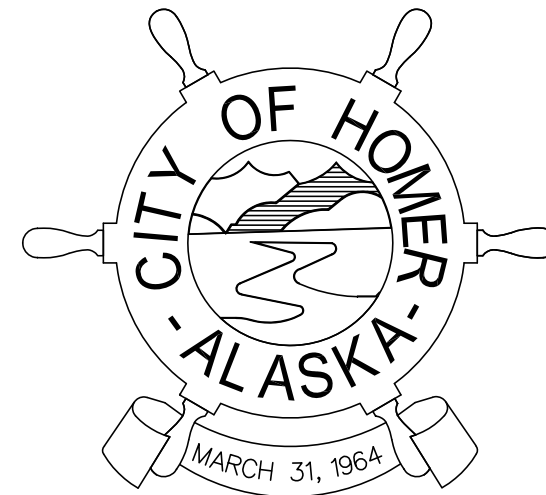
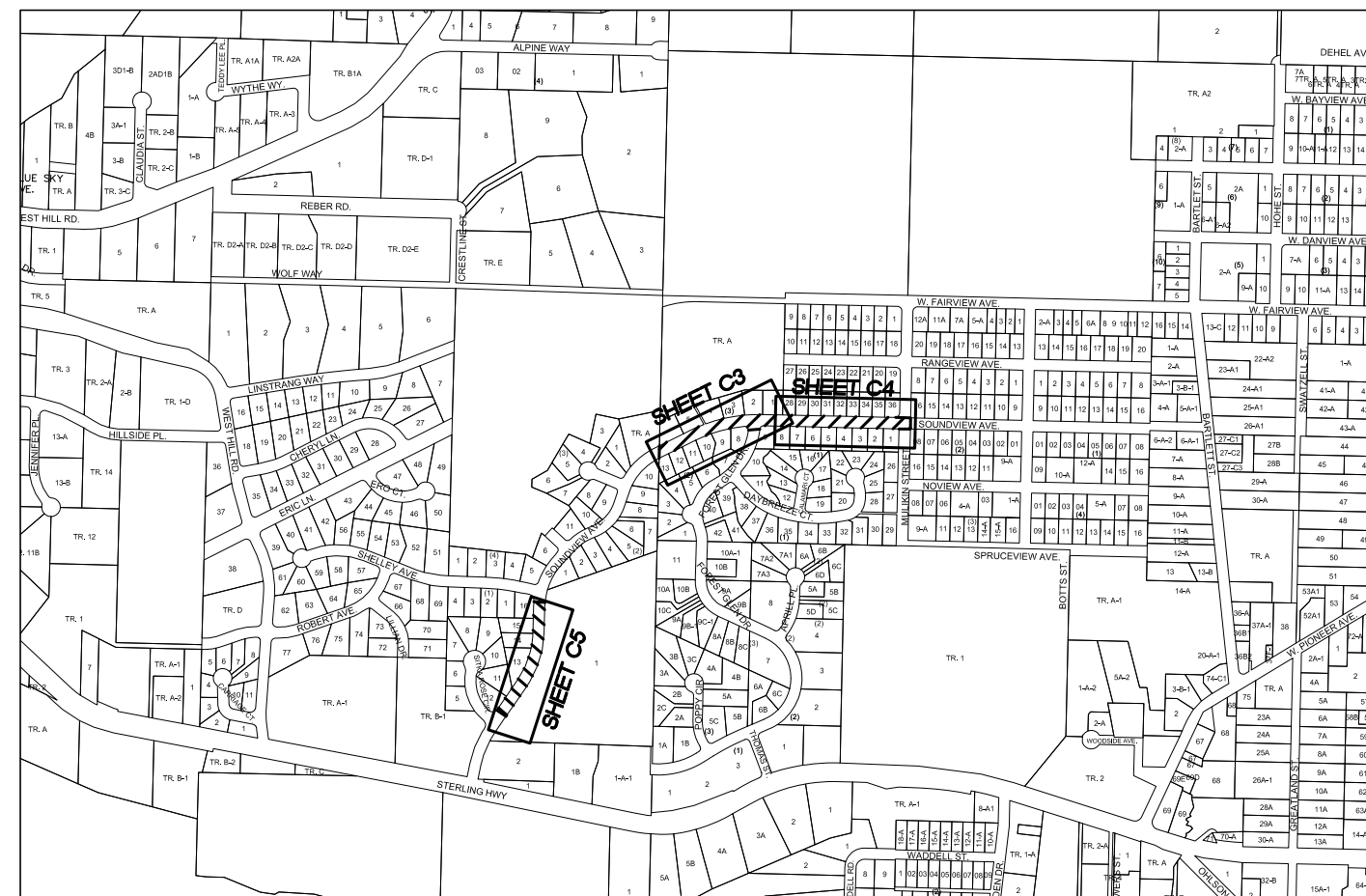


SOUNDVIEW AVENUE SIDEWALK & PEDESTRIAN SAFETY IMPROVEMENTS 2017

THIS PROJECT IS FUNDED BY THE STATE OF ALASKA TRANSPORTATION
ALTERNATIVES PROGRAM, FEDERAL HIGHWAY ADMINISTRATION, AND
CITY OF HOMER HART FUND.



CITY COUNCIL MEMBERS

DONNA ADERHOLD
SHELLEY ERICKSON
DAVID LEWIS
CATRIONA REYNOLDS
HEATH SMITH
TOM STROOZAS

MAYOR

BRYAN ZAK

CITY MANAGER

KATIE KOESTER

PUBLIC WORKS DIRECTOR

CAREY S. MEYER, P.E.

DRAWING INDEX

DRAWING

TITLE SHEET AND LOCATION MAP

LEGEND, ABBREVIATIONS, GENERAL NOTES, AND SCHEDULES

PLAN AND PROFILE STA. 0+00 TO 7+00 - SOUNDVIEW AVE PEDESTRIAN PATH

PLAN AND PROFILE STA. 7+00 TO 14+00 - SOUNDVIEW AVE PEDESTRIAN PATH

PLAN AND PROFILE STA. 20+00 TO 26+50 - SOUNDVIEW AVE PEDESTRIAN PATH

STREET SIGN PLAN

TYPICAL PEDESTRIAN PATH SECTIONS

TYPICAL DETAILS

TYPICAL DETAILS

TYPICAL DETAILS

TYPICAL DETAILS

TYPICAL DETAILS

PEDESTRIAN PATH CROSS SECTIONS

PEDESTRIAN PATH CROSS SECTIONS

PEDESTRIAN PATH CROSS SECTIONS

PEDESTRIAN PATH CROSS SECTIONS

SHEET

C1

C2

C3

C4

C5

C6

C7

C8

C9

C10

C11

C12

X1

X2

X3

X4



NO.	REVISION	DATE

CONSULTING ENGINEERS
STRUCTURAL/CIVIL
155 BIDARCA ST
KENAI, AK 99611
TEL. (907) 283 - 3583
NELSONENGINEER@ALASKA.NET

NELSON
ENGINEERING

SOUNDVIEW AVENUE 2017
SIDEWALK/PEDESTRIAN SAFETY IMPROVEMENTS
CITY OF HOMER
TITLE SHEET AND LOCATION MAP

PROJECT NO.
1622
DRAWN BY:
MZD/CAM
CHECKED BY:
MZD/MJD
DATE: 06/23/17
SCALES: NOTED
HORIZ. NOTED
VERT. NOTED
SHEET: C1

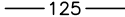
NELSON
ENGINEERING

STRUCTURAL/CIVIL
CONSULTING ENGINEERS

155 BIDARKA ST.
KENAI, AK 99611
TEL. (907) 283 - 3583
NELSONENGINEER@ALASKA.NET

ABBREVIATIONS

LEGEND

EXISTING (E)	PROPOSED (P)	
		ASPHALT PAVEMENT
		CONTOURS
		CENTERLINE R.O.W.
		CULVERT
		CULVERT – END SECTION
		CURB
		DEMO ASPHALT
		EASEMENT
		EDGE OF PAVEMENT
		MONUMENT/REBAR
		PROPERTY LINE
		SANITARY SEWER MANHOLE
		SIGN
		STORM DRAIN INLET
		TOE OF SLOPE
		LANDSCAPE BLOCK RETAINING WALL
		FIRE HYDRANT

ADA	ASPHALT CONCRETE, ACRE	EA	EACH	LVC	LENGTH OF VERTICAL CURVE	RG	RAIN GARDEN
ALUM	AMERICAN DISABILITIES ACT	EG	EXISTING GROUND	MAX	MAXIMUM	ROW	RIGHT-OF-WAY
APPROX	ALUMINUM	EL,ELEV	ELEVATION	MB	MAILBOX	S	SOUTH
AVG	APPROXIMATE	EOP	END OF PROJECT	ME	MATCH EXISTING	S/W	SIDEWALK
BLDG	AVERAGE	EP	EDGE OF PAVEMENT	MIN	MINIMUM	SW	SWALE
BOP	BUILDING	ESMT	EASEMENT	MKR	MARKER POST	SH	SHOULDER
BVCE	BOTTOM OF PIPE	EVCE	END VERTICAL CURVE	MON	MONUMENT	SS	SANITARY SEWER/SEWER
	BEGIN VERTICAL CURVE		ELEVATION	N	NORTH		SERVICE
	ELEVATION	EVCS	END VERTICAL CURVE	NFS	NON FROST SUSCEPTIBLE	SSLS	SANITARY SEWER LIFT
BVCS	BEGIN VERTICAL CURVE		STATION	NTS	NOT TO SCALE		STATION
	STATION	EXIST	EXISTING	OC	ON CENTER	SSMH	SANITARY SEWER
C.O.	CLEANOUT	FF	FINISH FLOOR	OFF	OFFSET		MANHOLE
CIP	CAST IRON PIPE	FG	FINISH GRADE	OHE	OVERHEAD ELECTRIC	STA	STATION
CL	CENTER LINE,CLASS	FT	FOOT, FEET	PI	POINT OF INTERSECTION	TBC	TOP BACK OF CURB
CMP	CORRUGATED METAL PIPE	F&I	FURNISH AND INSTALL	PL	PROPERTY LINE	TC	TOP OF CONCRETE
CNTR	CENTER	GD	GROUND	PP	POWER POLE	TP	TEST PIT
CONC	CONCRETE	GR	GRADE	PT	POINT	TYP	TYPICAL
CP	CONTROL POINT	HYD	HYDRANT	PVI	POINT OF VERTICAL	VB	VALVE BOX
DIA	DIAMETER	INV	INVERT		INTERSECTION	W	WATER,WEST
DW	DRIVEWAY	L	LENGTH	PVMT	PAVEMENT	WS	WATER SERVICE
DWG	DRAWING	LF	LINEAR FEET	R	RADIUS, RECORD		
E	EAST, ELECTRIC	LT	LEFT	REQ'D	REQUIRED		

GENERAL NOTES

11. LOCATION OF UNDERGROUND UTILITIES ARE APPROXIMATE. ACTUAL DEPTH, NUMBER AND LOCATION UNKNOWN. BURIED UTILITIES OTHER THAN THOSE SHOWN ON THE PLANS MAY BE PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATION, IDENTIFYING, AND WORKING AROUND ALL UTILITIES WITHIN THE PROJECT LIMITS AT NO ADDITIONAL COST TO THE OWNER. CALL FOR LOCATES PRIOR TO EXCAVATION, ALASKA DIGLINE 1-800-478-3121.

2. THE FOLLOWING ALASKA STATUTES APPLY TO WORK NEAR OVERHEAD ELECTRIC LINES:
AS 18.60.670 PROHIBITION AGAINST PLACEMENT OF EQUIPMENT NEAR ELECTRICAL LINES
AND CONDUCTORS.

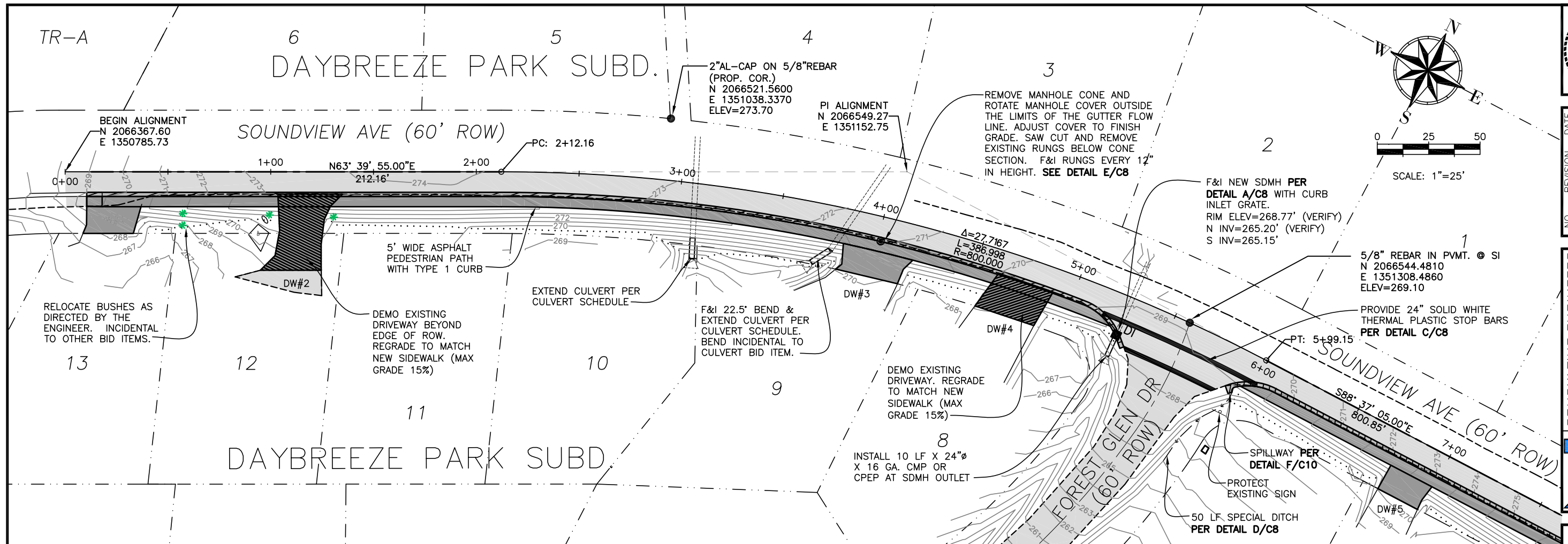
- (1) PLACE ANY TYPE OF TOOL, EQUIPMENT, MACHINERY, OR MATERIAL THAT IS CAPABLE OF LATERAL, VERTICAL, OR SWINGING MOTION, WITHIN 10 FEET OF A HIGH VOLTAGE OVERHEAD ELECTRICAL LINE OR CONDUCTOR.

- (2) STORE, OPERATE, ERECT, MAINTAIN, MOVE, OR TRANSPORT TOOLS, MACHINERY, EQUIPMENT, SUPPLIES, MATERIALS, APPARATUS, BUILDINGS, OR OTHER STRUCTURES WITHIN 10 FEET OF A HIGH VOLTAGE OVERHEAD ELECTRICAL LINE OR CONDUCTOR.

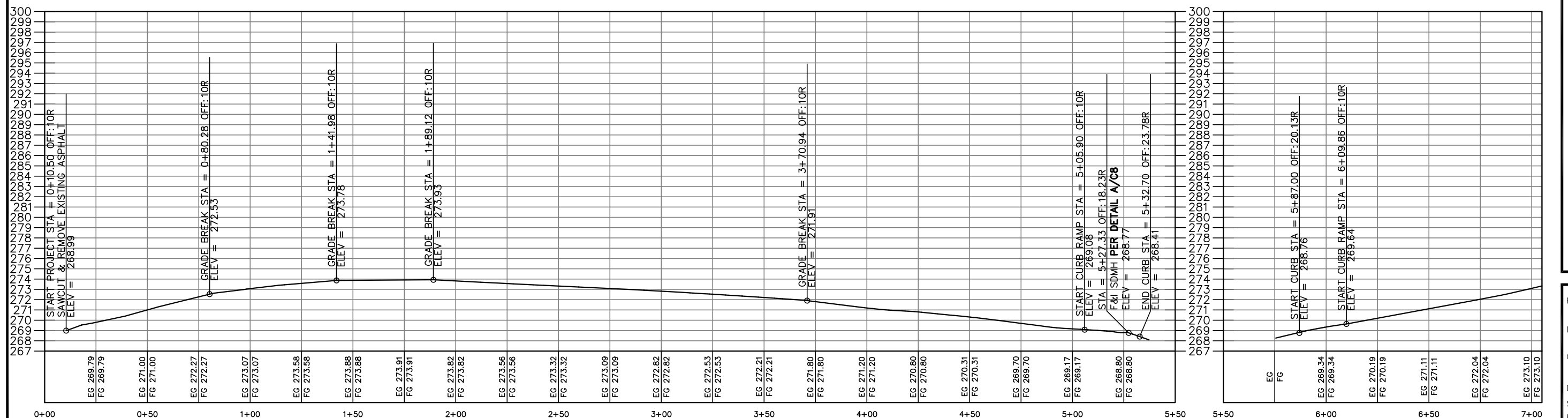
- AS 18.60.680 ANY WORK WITHIN MINIMUM DISTANCE STATED ABOVE SHALL REQUIRE CONTACT WITH HEA TO INSTALL TEMPORARY MECHANICAL BARRIERS, TEMPORARY DE-ENERGIZATION AND GROUNDING, OR TEMPORARY RAISING OF CONDUCTORS.

3. EMERGENCY VEHICLE ACCESS TO PROPERTY SHALL BE MAINTAINED AT ALL TIMES.
4. CONTRACTOR SHALL PROVIDE HORIZONTAL CONSTRUCTION STAKING FOR CURB AND GUTTER, AND PEDESTRIAN SIDEWALK. CONTRACTOR SHALL MATCH EXISTING CROSS SLOPES OF ROADWAY WHEN CONSTRUCTING ROLLED CURB AND GUTTER USING A SHEET OF PLYWOOD OR OTHER MEANS APPROVED BY THE ENGINEER.
5. CONTRACTOR SHALL SAW CUT ALL EXISTING PAVEMENT ADJACENT TO NEW CURB AND GUTTER AS SHOWN ON TYPICAL SECTIONS.
6. IF NOT DETAILED IN THESE DRAWINGS AND SPECIFICATIONS, ALL APPLICABLE CONSTRUCTION SHALL BE BUILT IN ACCORDANCE WITH CITY OF HOMER STANDARD CONSTRUCTION SPECIFICATIONS (HSCS), LATEST EDITION.
7. CONTRACTOR IS REQUIRED TO FIND ALL PROPERTY PINS/MONUMENTS WITHIN PROJECT AREA AND PROTECT OR REPLACE AFTER CONSTRUCTION IS COMPLETE.
8. PROVIDE 4" TOPSOIL AND SEED ALL AREAS DISTURBED BY CONSTRUCTION PER HSCS, LATEST EDITION.
9. CONTOURS SHOWN ON THE PLANS ARE FOR INFORMATIONAL PURPOSES AND SHOULD ONLY BE USED AS A REPRESENTATION OF EXISTING GRADES. SURVEYED ELEVATIONS ARE SHOWN ON THE ROAD PROFILES.
10. CONTRACTOR SHALL ADHERE TO LOCAL REQUIREMENTS FOR NOISE, HOURS OF OPERATION AND DUST CONTROL.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING COMPACTION TESTING ON ROAD SUBGRADE, LEVELING COURSE, AND ASPHALT PAVEMENT.
12. CONTRACTOR TO HAUL OFF ALL UNSUITABLE EXCAVATION & NON-SALVAGBLE MATERIAL TO AN OFFSITE CONTRACTOR FURNISHED DISPOSAL SITE.

<u>DRIVEWAY, CULVERT, MANHOLE, AND MAILBOX PAD SCHEDULE</u>							
ITEM	STATION (FEET)	SIDE	WIDTH (FEET)	NOTE	CMP		
					LGTH (FT)	DIA. (IN.)	INVERT
DW-1	0+22.00	R	23	REMOVED EXISTING PAVEMENT, REGRADE, & PAVE TO EDGE OF ROW. PROVIDE PEA GRAVEL AT TRANSITION, INCIDENTAL.	--	--	--
DW-2	1+14.76	R	21	SAW CUT & REMOVE, REGRADE & REPLACE AC	--	--	--
CULVERT-1	3+08.66	R	--	EXTEND CULVERT, REUSE END SECTION	10	30	FIELD FIT TO MATCH EXISTING CULVERT SLOPE
CULVERT-2	3+77.77	R	--	EXTEND CULVERT, REUSE END SECTION	10.5	30	FIELD FIT TO MATCH EXISTING CULVERT SLOPE
DW-3	3+98.81	R	29	REGRADE & PAVE TO EDGE OF ROW	--	--	--
SSMH	4+01.23	R	--	ROTATE SSMH CONE OUTSIDE OF GUTTER FLOW LINE PER DETAIL E/C8. ADJUST ELEV. TO FINISH GRADE.	--	--	--
DW-4	4+71.00	R	30	REGRADE & PAVE TO EDGE OF ROW	10	30	--
CULVERT-3/SDMH	5+27.00	R	20	FURNISH & INSTALL SDMH PER DETAIL A/C8. PROVIDE CURB INLET GRATE	12	24	SAWCUT AND REUSE END SECTION. FIELD FIT NEW CULVERT TO MATCH EXISTING CULVERT SLOPE.
DW-5	6+87.00	R	21	PAVE TO EDGE OF ROW REGRADE AS REQ'D (MAX SLOPE 15%)	--	--	--
MAILBOX PAD	10+86.84	R	6X6	RELOCATE MAILBOX PAD. IF PAD DAMAGED DURING CONSTRUCTION, REPLACE PER DETAIL B/C11.	--	--	--
DW-6	11+83.74	R	18.5	RECONSTRUCT DRIVEWAY. DEMO EXISTING DRIVEWAY.	--	--	--
SDMH	13+50.00	R	23	FURNISH & INSTALL SDMH PER DETAIL A/C8 WITH CURB INLET GRATE.	46	15	W INV = 268.56' , E INV = 268.08'
NOTE: DRIVEWAY WIDTH AND RADIUS, AND CULVERT LENGTHS AND INVERTS MAY BE MODIFIED BY THE ENGINEER AS REQUIRED, TO FIT FIELD CONDITIONS. ALL GRADING AND DITCHING NECESSARY TO DIRECT WATER INTO OR OUT OF THE CULVERT, ARE INCIDENTAL ITEMS AND NO SEPARATE PAYMENT SHALL BE MADE. PROVIDE ADDITIONAL LEVELING COURSE TO TRANSITION DRIVEWAYS FROM ASPHALT TO GRAVEL.							



A
C3 SOUNDVIEW AVE - SITE PLAN - STA. 0+00 TO 7+00
GRAPHIC SCALE: 1" = 25' (22X34); 1" = 50' (11X17)



B
C3 SOUNDVIEW AVE - EDGE OF PAVEMENT PROFILE (AS SURVEYED) - STA. 0+00 TO 7+00
HORIZONTAL SCALE: 1" = 25' (22X34), 1" = 50' (11X17), VERTICAL SCALE: 1" = 5' (22X34), 1" = 10' (11X17)



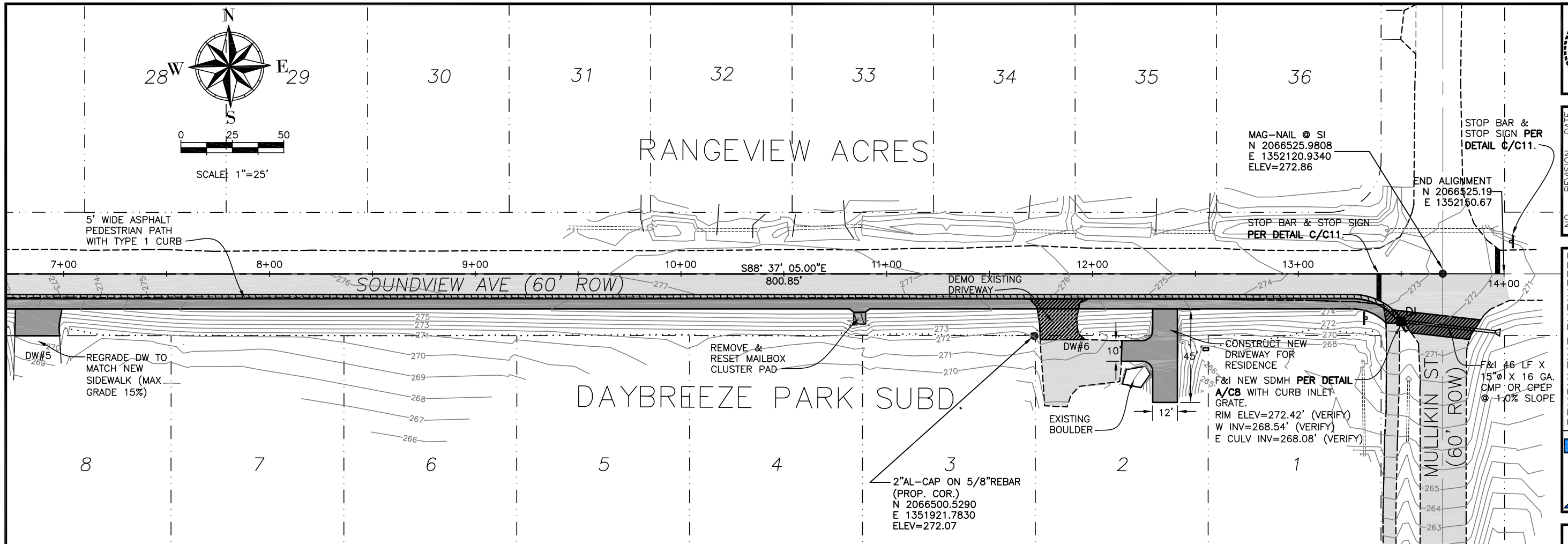
NO.	REVISION	DATE

CONSULTING ENGINEERS
STRUCTURAL/CIVIL
155 BIDARKA ST
KENAI, AK 99611
TEL: (907) 283-3583
NELSONENGINEER@ALASKA.NET

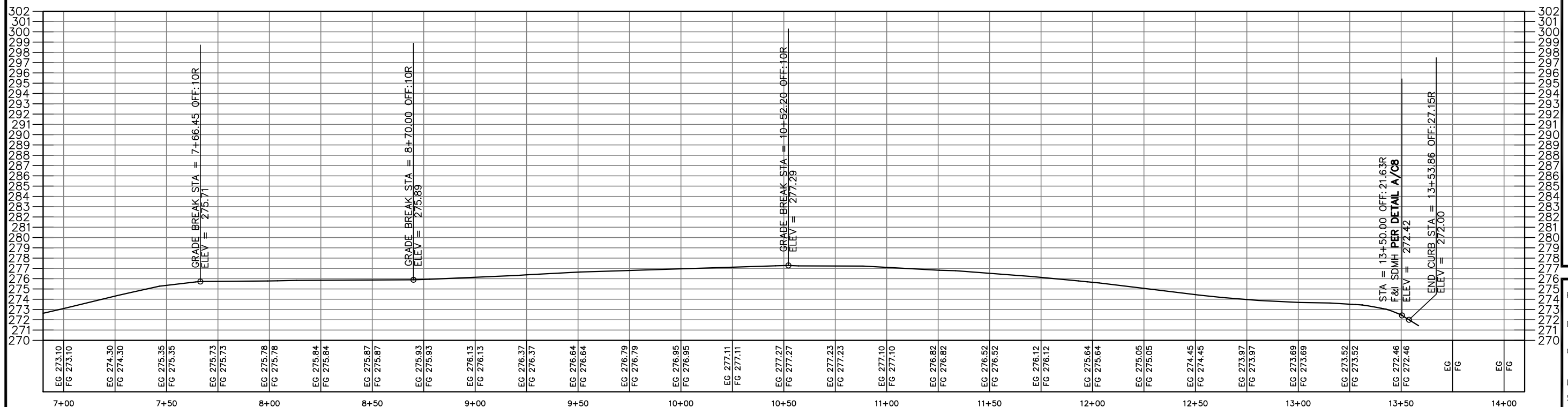
NELSON
ENGINEERING

SOUNDVIEW AVENUE 2017
SIDEWALK/PEDESTRIAN SAFETY IMPROVEMENTS
CITY OF HOMER
PEDESTRIAN PATH PLAN AND PROFILE

PROJECT NO.
1622
DRAWN BY:
MZD/CAM
CHECKED BY:
MZD/MJD
DATE: 06/23/17
SCALES: NOTED
HORIZ: NOTED
VERT: NOTED
SHEET: **C3**



A
C4 SOUNDVIEW AVE - SITE PLAN - STA. 7+00 TO 14+00
GRAPHIC SCALE: 1" = 25' (22X34); 1" = 50' (11X17)



B
C4 SOUNDVIEW AVE - EDGE OF PAVEMENT PROFILE (AS SURVEYED) - STA. 7+00 TO 14+00
HORIZONTAL SCALE: 1" = 25' (22X34), 1" = 50' (11X17), VERTICAL SCALE: 1" = 5' (22X34), 1" = 10' (11X17)



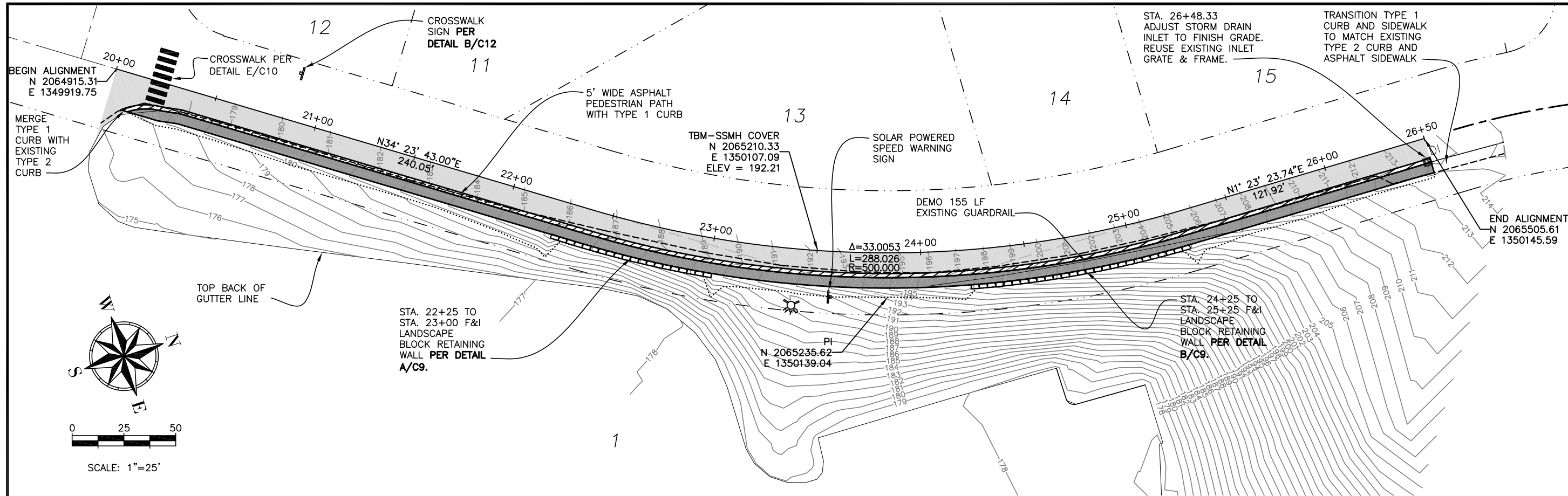
NO.	REVISION	DATE

CONSULTING ENGINEERS
STRUCTURAL/CIVIL
155 BIDARKA ST
KENAI, AK 99611
TEL: (907) 283-3583
NELSONENGINEER@ALASKA.NET

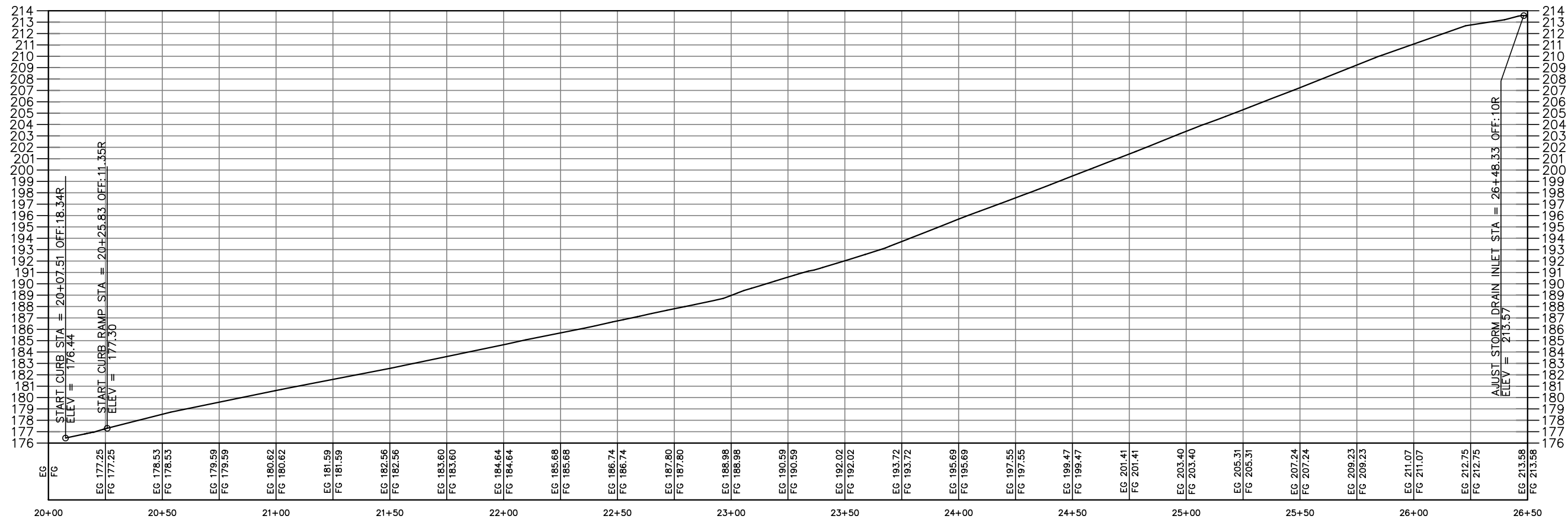
NELSON
ENGINEERING

SOUNDVIEW AVENUE 2017
SIDEWALK/PEDESTRIAN SAFETY IMPROVEMENTS
CITY OF HOMER
PEDESTRIAN PATH PLAN AND PROFILE

PROJECT NO.
1622
DRAWN BY:
MZD/CAM
CHECKED BY:
MZD/MJD
DATE: 06/23/17
SCALES: NOTED
HORIZ.: NOTED
VERT.: NOTED
SHEET: **C4**



A
C5 **SOUNDVIEW AVE - SITE PLAN - STA. 20+00 TO 26+50**
GRAPHIC SCALE: 1" = 25' (22X34); 1" = 50' (11X17)



B
C5 **SOUNDVIEW AVE - EDGE OF PAVEMENT PROFILE - STA. 20+00 TO 26+50**
HORIZONTAL SCALE: 1" = 25' (22X34), 1" = 50' (11X17), VERTICAL SCALE: 1" = 5' (22X34), 1" = 10' (11X17)



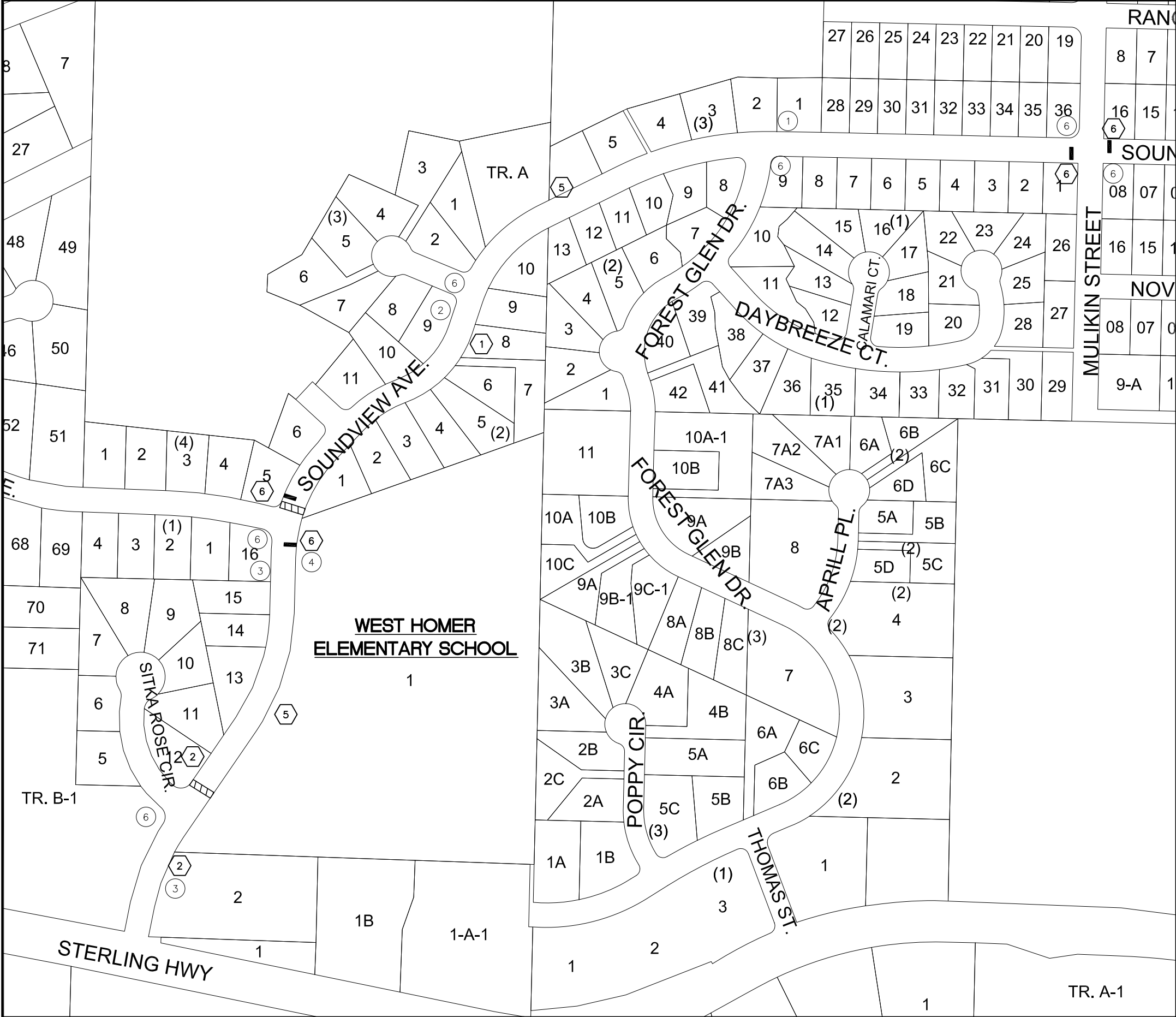
NO.	REVISION	DATE

CONSULTING ENGINEERS
STRUCTURAL/CIVIL
155 BIDARCA ST
KENAI, AK 99611
TEL: (907) 283-3583
NELSONENGINEER@ALASKA.NET

NELSON
ENGINEERING

SOUNDVIEW AVENUE 2017
SIDEWALK/PEDESTRIAN SAFETY IMPROVEMENTS
CITY OF HOMER
W. HOMER ELEMENTARY PLAN AND PROFILE

PROJECT NO.
1622
DRAWN BY:
MZD/CAM
CHECKED BY:
MZD/MJD
DATE: 06/23/17
SCALES:
HORIZ. NOTED
VERT. NOTED
SHEET:
C5
5 OF 16



LEGEND

EXISTING	NEW
1 25 MPH LIMIT	1 25 MPH LIMIT PER DETAIL A/C12
2 CROSSWALK AHEAD	2 CROSSWALK SIGN PER DETAIL B/C12 CROSSWALK STRIPING PER DETAIL E/C10
3 SCHOOL 20 MPH	5 SOLAR POWER SPEED WARNING (OWNER FURNISHED)
4 END SCHOOL ZONE	6 STOP SIGN PER DETAIL C/C12
6 STOP SIGN	

- STOP BAR
- CROSSWALK

NOTES:

- CONTRACTOR TO INSTALL ALL NEW SIGNS, INCLUDING OWNER-FURNISHED SOLAR POWERED SPEED WARNING SIGN. CONTRACTOR MUST FURNISH ALL NEW SIGNS, EXCEPT THE OWNER FURNISHED SOLAR POWERED SPEED WARNING SIGN.
- CONTRACTOR MUST RELOCATE OR PROTECT EXISTING SIGNS WHERE IMPACTED BY CONSTRUCTION IN THIS PROJECT.



NO.	REVISION	DATE

CONSULTING ENGINEERS
STRUCTURAL/CIVIL
155 BIDARCA ST
KENAI, AK 99611
TEL: (907) 283 - 3583
NELSONENGINEER@ALASKA.NET

NELSON
ENGINEERING

SOUNDVIEW AVENUE 2017
SIDEWALK/PEDESTRIAN SAFETY IMPROVEMENTS
CITY OF HOMER
STREET SIGN PLAN

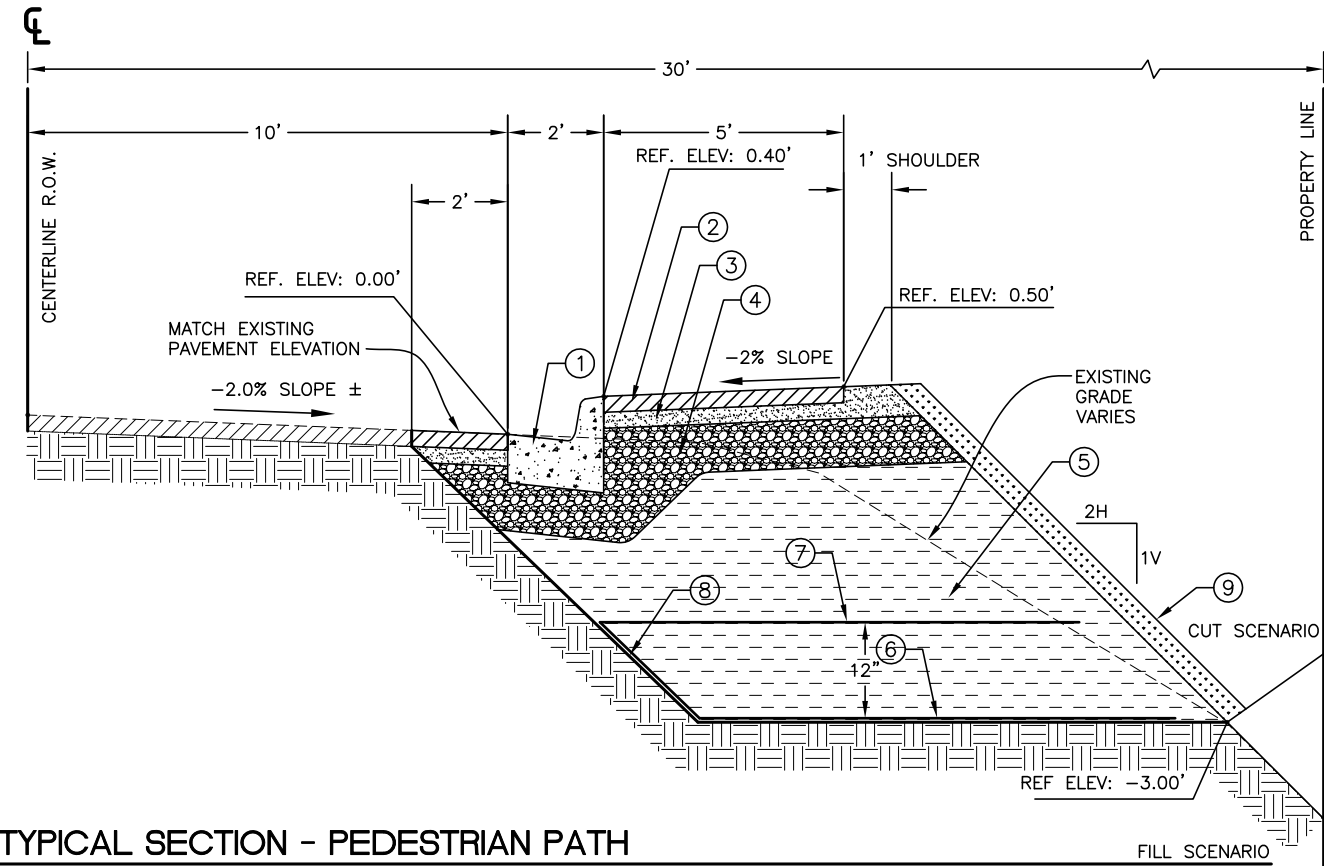
PROJECT NO.
1622
DRAWN BY:
MZD/CAM
CHECKED BY:
MZD/MJD
DATE: 06/23/17
SCALES: NOTED
HORIZ. NOTED
VERT. NOTED
SHEET: **C6**
6 OF 16

SECTION KEY NOTES

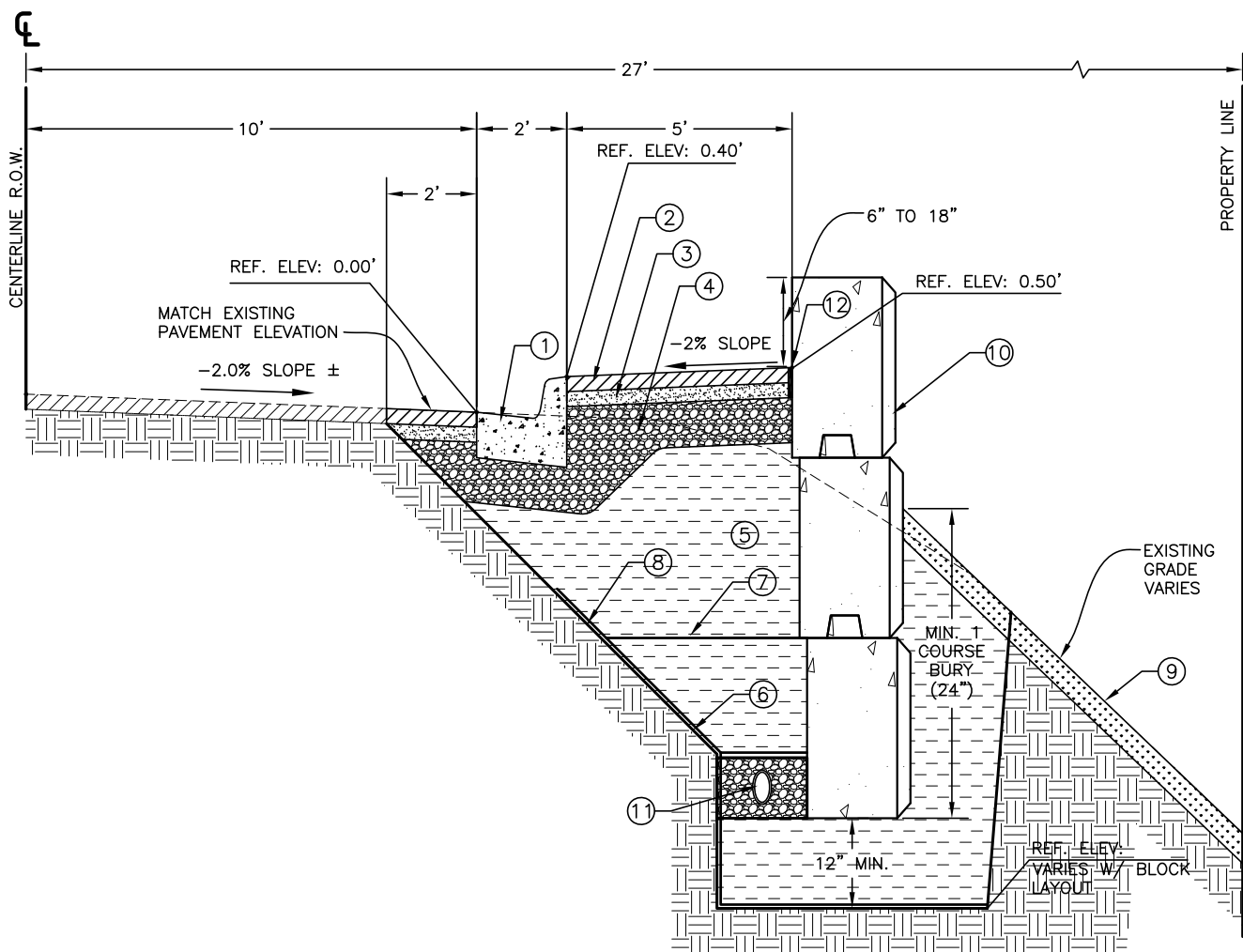
- 1 H.S.C.S. TYPE 1 CURB & GUTTER **PER DETAIL A/C11**. CUT EXISTING ROADWAY ASPHALT AS REQ'D FOR CURB MACHINE TRACKS.
- 2 2" ASPHALT PAVEMENT, TYPE II.
- 3 2" LEVELING COURSE
- 4 6" TYPE III CLASSIFIED FILL
- 5 MIN. 26" TYPE II CLASSIFIED FILL
- 6 NON-WOVEN GEOTEXTILE FABRIC W/ MIN. 3' OVERLAP AT ENDS AND ACROSS EXISTING ROAD EMBANKMENT GEOTEXTILE. HOLD BACK 6" FROM FORESLOPE.
- 7 GEOGRID PLACED 12" ABOVE GEOTEXTILE FABRIC WITH MIN. 2' OVERLAP. AT RETAINING WALL SECTIONS, INSTALL GEOGRID IN LANDSCAPE BLOCK JOINT.
- 8 EXCAVATE TO REMOVE VEGETATION ALONG EXISTING FILL SLOPE OF THE ROADWAY PER DITCH LINEAR GRADING BID ITEM. DISPOSE OF MATERIAL AT CONTRACTOR FURNISHED DISPOSAL SITE.
- 9 PROVIDE 4" TOPSOIL AND TYPE I SEEDING PER CITY OF HOMER STANDARD SPECIFICATIONS ON DISTURBED AREAS OF SLOPE.
- 10 FURNISH & INSTALL LANDSCAPE BLOCKS **PER DETAIL C/C9** ALONG NEW SIDEWALK SHOULDER IN AREAS SHOWN ON PLANS TO PREVENT FILL SLOPE FROM ENCROACHING ON PRIVATE PROPERTY.
- 11 4"Ø 'HANCORE' PERFORATED HDPE DRAIN PIPE WITH DRAIN SOCK SLEEVE, CONTINUOUS. DAYLIGHT TO ENDS OF RETAINING WALL. PROVIDE 2' X 1' OF ¾" TO 1" DRAIN ROCK AROUND PIPE. DRAIN PIPE AND DRAIN ROCK INCIDENTAL TO RETAINING WALL BID ITEM.
- 12 EXPANSION JOINT BETWEEN EDGE OF PAVEMENT AND RETAINING WALL BLOCK UNIT

SECTION GENERAL NOTES

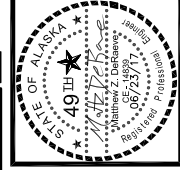
- 1. ALL FILL MATERIALS MUST BE PLACED IN LOOSE LIFTS NOT EXCEEDING 6" AND COMPACTED TO 95 PERCENT (95%) OF MAXIMUM DRY DENSITY.



A
C7
TYPICAL SECTION - PEDESTRIAN PATH
GRAPHIC SCALE: NTS



B
C7
TYPICAL SECTION - PEDESTRIAN PATH AT RETAINING WALL
GRAPHIC SCALE: NTS



NO.	REVISION	DATE

CONSULTING ENGINEERS
STRUCTURAL/CIVIL

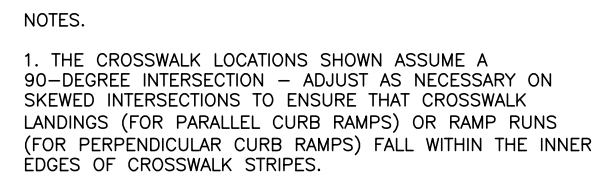
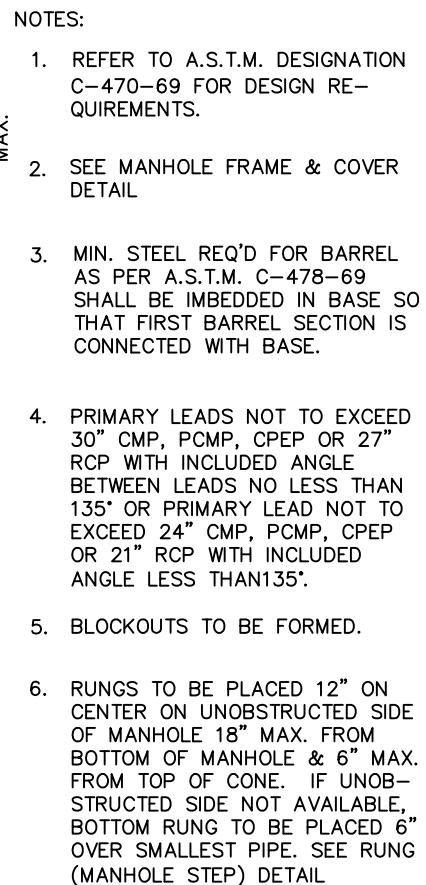
155 BIDARKA ST
KENAI, AK 99611
TEL: (907) 283 - 3583
NELSONENGINEER@ALASKA.NET

NELSON
ENGINEERING

SOUNDVIEW AVENUE 2017
SIDEWALK/PEDESTRIAN SAFETY IMPROVEMENTS
CITY OF HOMER
TYPICAL PEDESTRIAN PATH SECTIONS

PROJECT NO.	1622
DRAWN BY:	MZD/CAM
CHECKED BY:	MZD/MJD
DATE:	06/23/17
SCALES:	NOTED
HORIZ.	NOTED
VERT.	NOTED
SHEET:	C7

7 OF 16





NO.	REVISION	DATE

CONSULTING ENGINEERS
STRUCTURAL/CIVIL

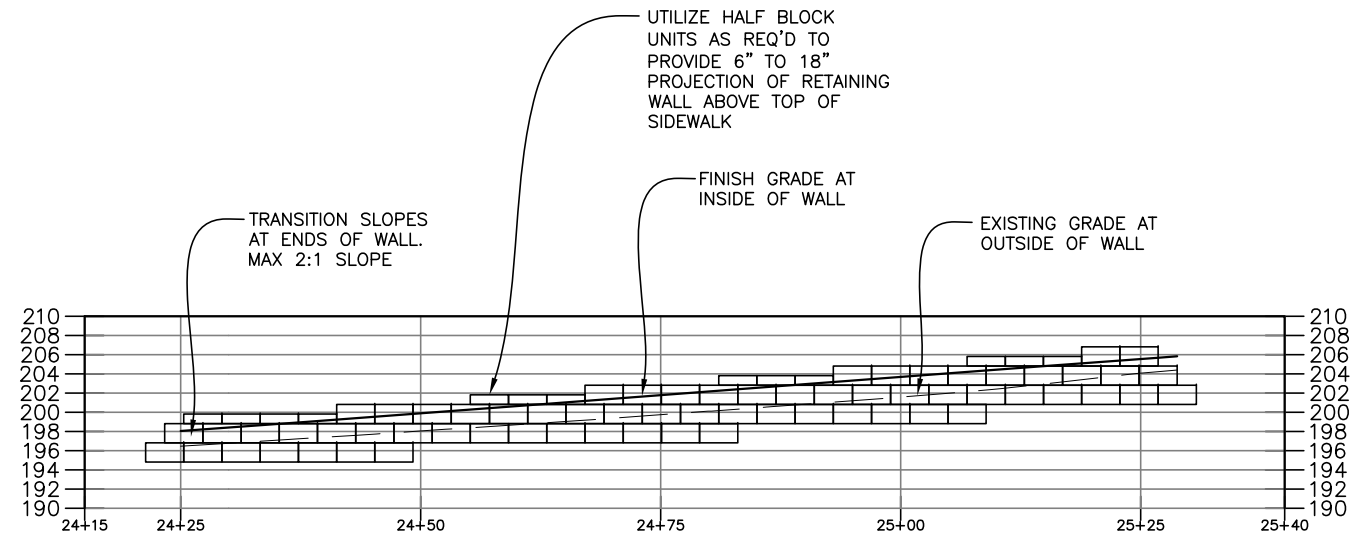
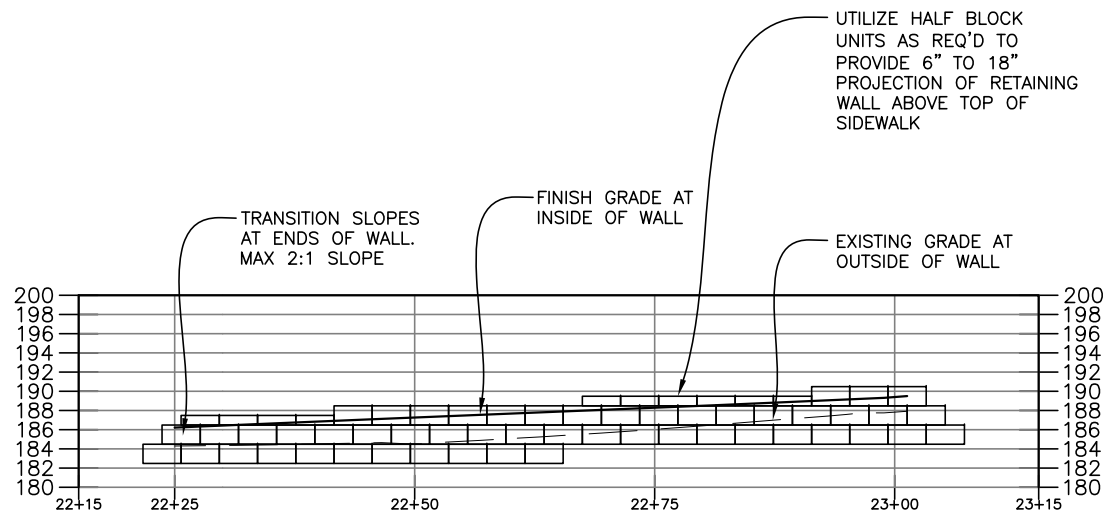
155 BIDARKA ST
KENAI, AK 99611
TEL. (907) 283-3583
NELSONENGINEER@ALASKA.NET

NELSON
ENGINEERING

SOUNDVIEW AVENUE 2017
SIDEWALK/PEDESTRIAN SAFETY IMPROVEMENTS
CITY OF HOMER
TYPICAL RETAINING WALL DETAILS

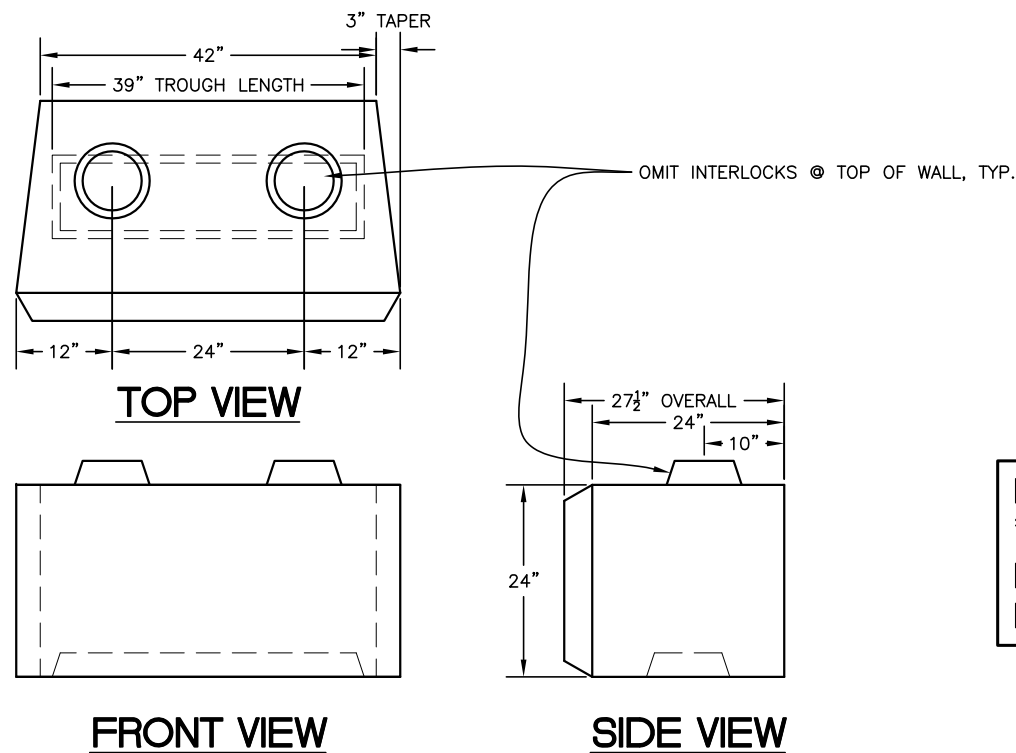
PROJECT NO.	1622
DRAWN BY:	MZD/CAM
CHECKED BY:	MZD/MJD
DATE:	06/23/17
SCALES:	NOTED
HORIZ.	NOTED
VERT.	NOTED
SHEET:	C9

9 OF 16

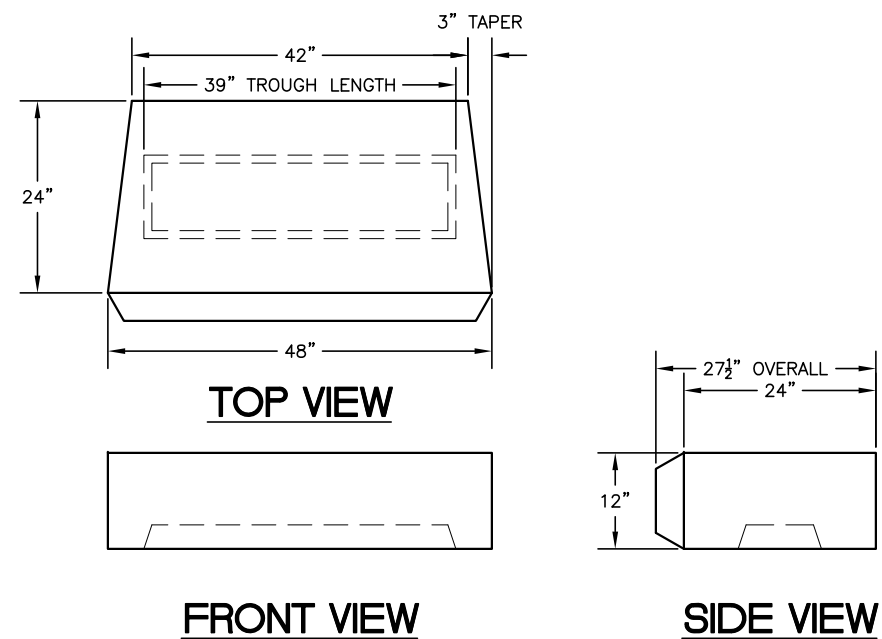


A RETAINING WALL 1 - PROFILE - STA 22+25 TO STA 23+00
GRAPHIC SCALE: NTS

B RETAINING WALL 2 - PROFILE - STA 24+25 TO STA 25+25
GRAPHIC SCALE: NTS

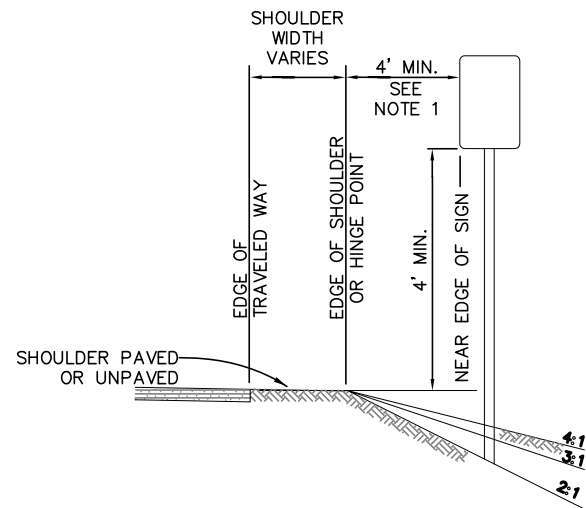


C TYPICAL LANDSCAPE BLOCK RETAINING WALL UNIT
GRAPHIC SCALE: NTS

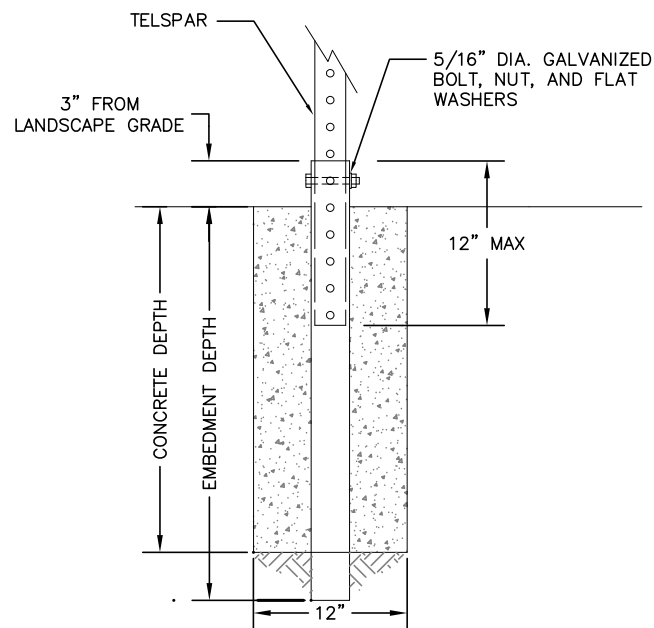


D TYPICAL LANDSCAPE BLOCK RETAINING WALL HALF UNIT
GRAPHIC SCALE: NTS

NOTE:
'WORLD BLOCK' BRAND
BLOCKS USED AS
BASIS OF DESIGN

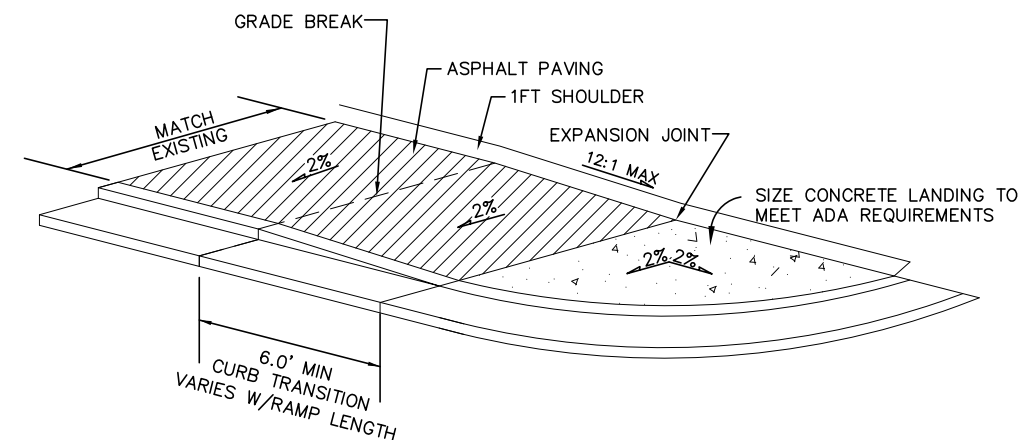


A TYP. SIGN LOCATION INSTALLATION
C10 GRAPHIC SCALE: NTS

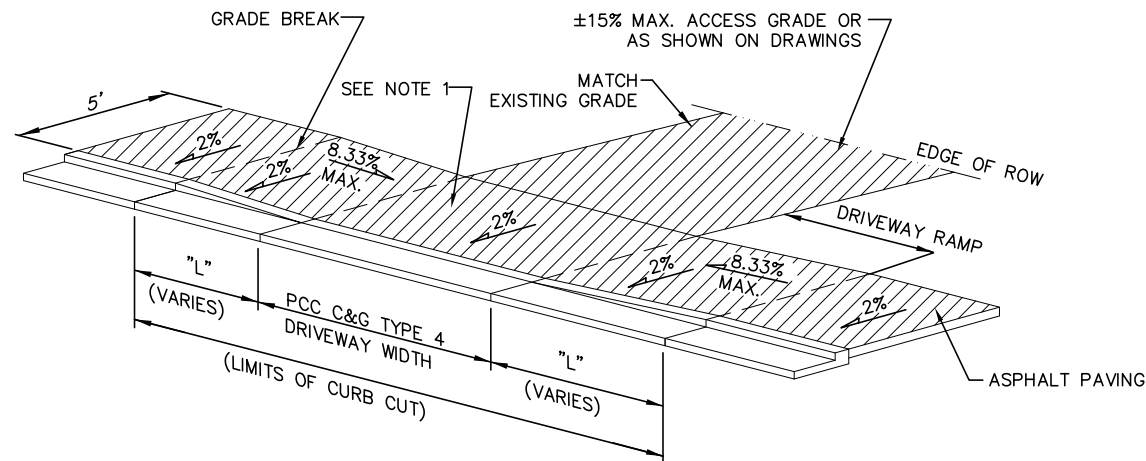


PERFORATED STEEL TUBES (P.S.T.) (12GA. - .105" WALL THICKNESS)			
SIGN SURFACE AREA SQ. FT.	POST SIZE	EMBEDMENT DEPTH	CONCRETE DEPTH
7" OR LESS	2" X 2"	27"	24"
GREATER THAN 7"	2 1/2" X 2 1/2"	33"	30"

B TYPICAL SIGN POST FOUNDATION
C10 GRAPHIC SCALE: NTS



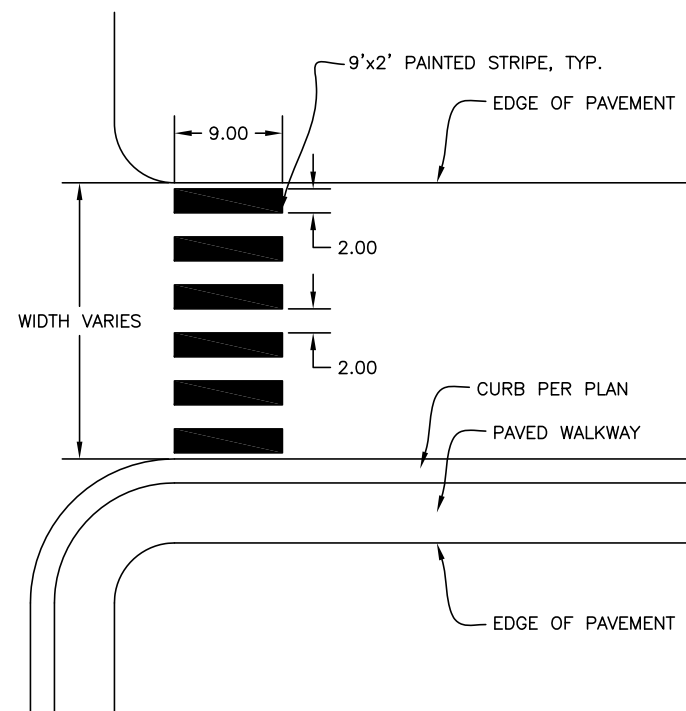
C TYPICAL SIDEWALK CURB AT INTERSECTION
C10 GRAPHIC SCALE: NTS



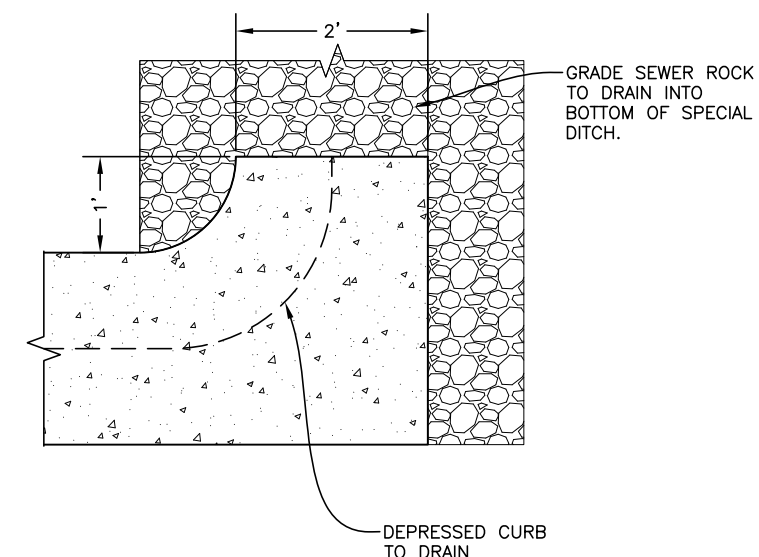
DRIVEWAY RAMP RUNNING SLOPE TABLE		
STREET RUNNING SLOPE	MINIMUM UPHILL RAMP LENGTH "L"	MINIMUM DOWNHILL RAMP LENGTH "L"
0.0% TO 0.5%	6.0'	6.0'
> 0.5% TO 1.6%	7.0'	6.0'
> 1.6% TO 2.4%	8.0'	5.0'
> 2.4% TO 3.1%	9.0'	5.0'
> 3.1% TO 3.6%	10.0'	5.0'
> 3.6% TO 4.0%	11.0'	4.0'
> 4.0% TO 4.4%	12.0'	4.0'
> 4.4% TO 4.7%	13.0'	4.0'
> 4.7% TO 5.0%	14.0'	4.0'
> 5.0%	15.0'	4.0'

NOTES:
1). ADJUST SIDEWALK GRADE ±2% TO MEET 15% MAX GRADE ON DRIVEWAY SLOPE

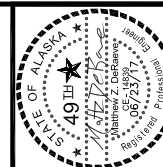
D TYPICAL DRIVEWAY CURB CUT
C10 GRAPHIC SCALE: NTS



E TYPICAL CROSSWALK MARKINGS
C10 GRAPHIC SCALE: NTS



F TYP. CURB AND GUTTER SPILLWAY
C10 GRAPHIC SCALE: NTS



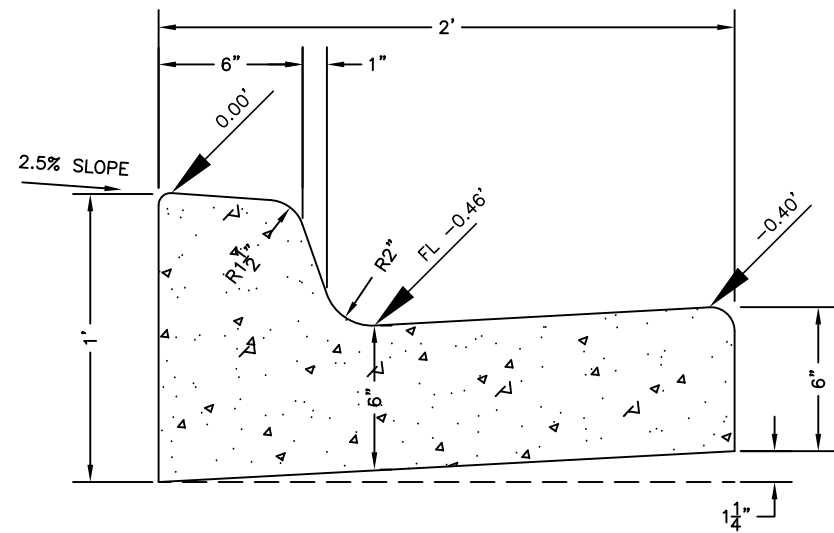
NO.	REVISION	DATE

CONSULTING ENGINEERS
STRUCTURAL/CIVIL
155 BIDARKA ST
KENAI, AK 99611
TEL. (907) 283 - 3583
NELSONENGINEER@ALASKA.NET

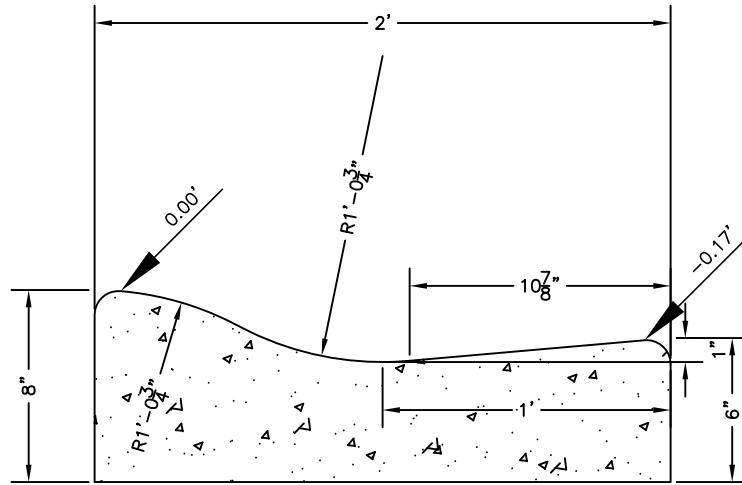
NELSON ENGINEERING

SOUNDVIEW AVENUE 2017
SIDEWALK/PEDESTRIAN SAFETY IMPROVEMENTS
CITY OF HOMER
TYPICAL DETAILS

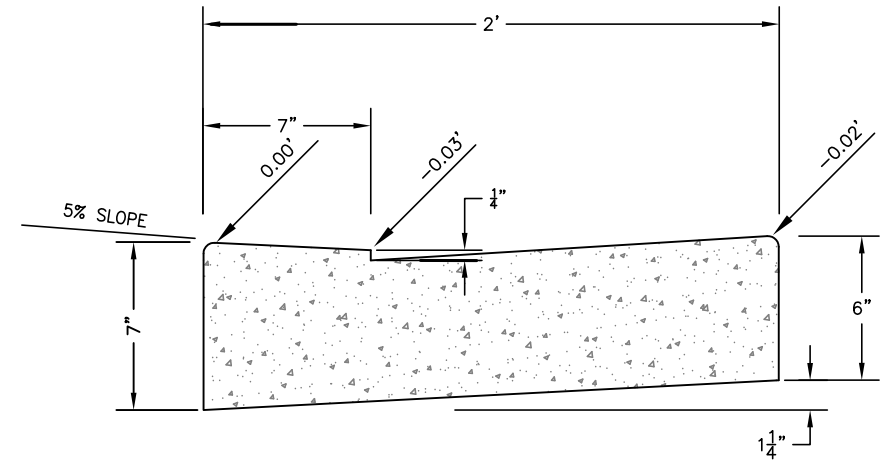
PROJECT NO.
1622
DRAWN BY:
MZD/CAM
CHECKED BY:
MZD/MJD
DATE: 06/23/17
SCALES: NOTED
HORIZ. NOTED
VERT. NOTED
SHEET: **C10**
10 OF 16



TYPE 1 GUTTER

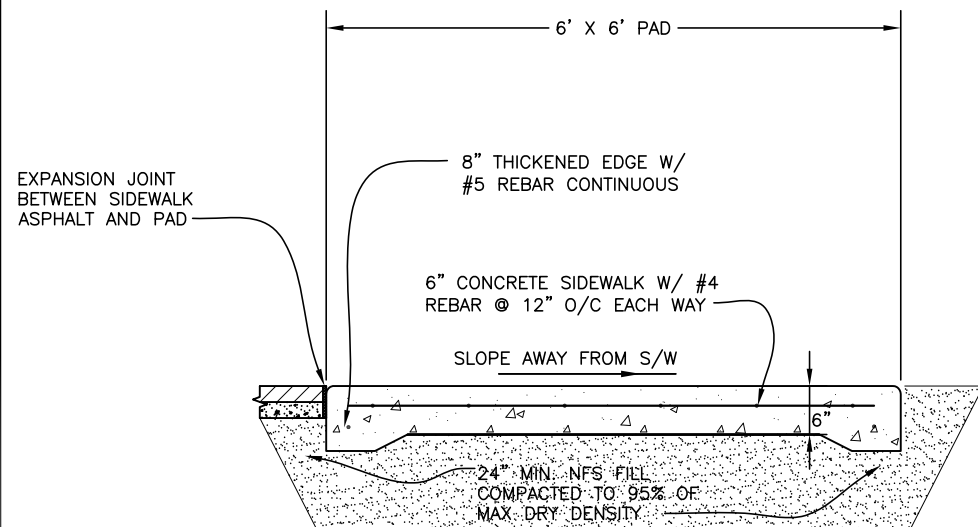


TYPE 2 GUTTER



TYPE 4 CURB CUT

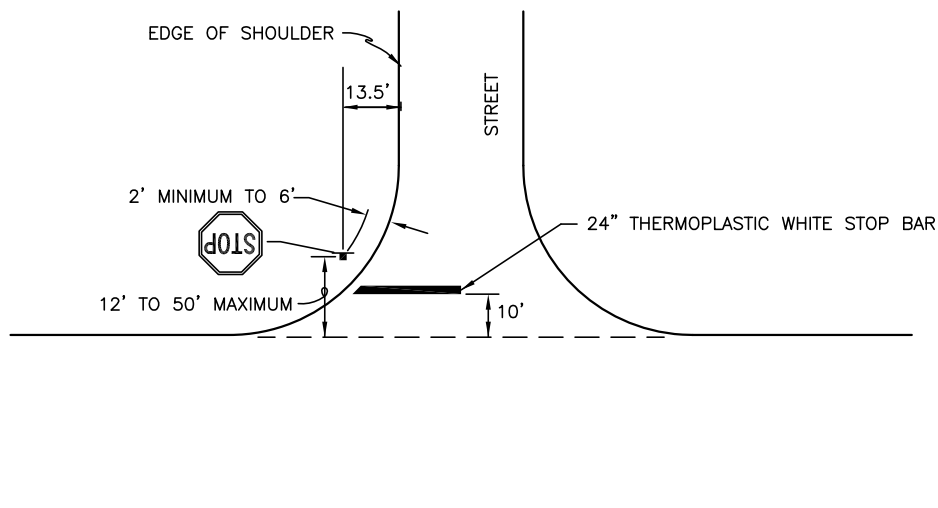
A CURB AND GUTTERS
GRAPHIC SCALE: NTS



MAILBOX PAD NOTES

- CONTRACTOR MAY REUSE EXISTING CONCRETE PAD IF IT REMAINS UNDAMAGED DURING REMOVAL. REUSED PAD MUST BE SET IN 3" OF CONCRETE.
- IF NEW PAD CONSTRUCTED, CONTRACTOR MUST PROVIDE ANCHOR BOLTS FOR CLUSTER BOXES TO MATCH EXISTING.

B TYPICAL MAILBOX CONCRETE PAD
GRAPHIC SCALE: NTS



NOTES:

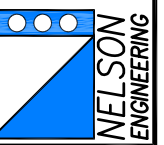
- LOCATE STOP SIGNS SO THEY ARE:
 - VISIBLE TO APPROACHING TRAFFIC
 - AS NEAR TO THE STOP BAR AS PRACTICABLE.

C STOP BAR / STOP SIGN INSTALLATION
GRAPHIC SCALE: NTS



NO.	REVISION	DATE

CONSULTING ENGINEERS
STRUCTURAL/CIVIL
155 BIDARCA ST
KENAI, AK 99611
TEL. (907) 283 - 3583
NELSONENGINEER@ALASKA.NET



SOUNDVIEW AVENUE 2017
SIDEWALK/PEDESTRIAN SAFETY IMPROVEMENTS
CITY OF HOMER
TYPICAL DETAILS

PROJECT NO.
1622
DRAWN BY:
MZD/CAM
CHECKED BY:
MZD/MJD
DATE: 06/23/17
SCALES: NOTED
HORIZ. NOTED
VERT. NOTED
SHEET: **C11**



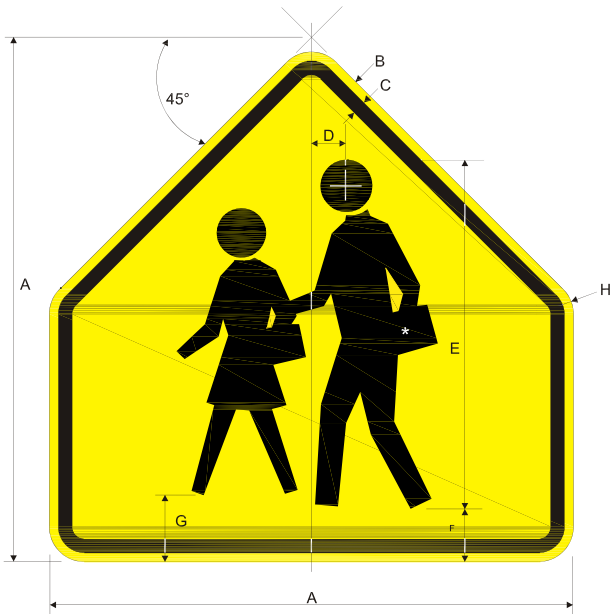
R2-1
SPEED LIMIT (ENGLISH) *Optically space numerals about centerline

A	B	C	D	E	F	G	H	J	K	L
18	24	.375	.625	3	3 E	2	8 E	7.188	5.5	1.5
24	30	.375	.625	4	4 E	2	10 E	9.563	7.313	1.5
36	48	.625	.875	6	6 E	5	14 E	14.375	11	2.25
48	60	.75	1.25	8	8 E	6	16 E	19.125	14.625	3

COLORS: LEGEND — BLACK
BACKGROUND — WHITE (RETROREFLECTIVE)

A
C12 **SPEED LIMIT SIGN**

GRAPHIC SCALE: NTS



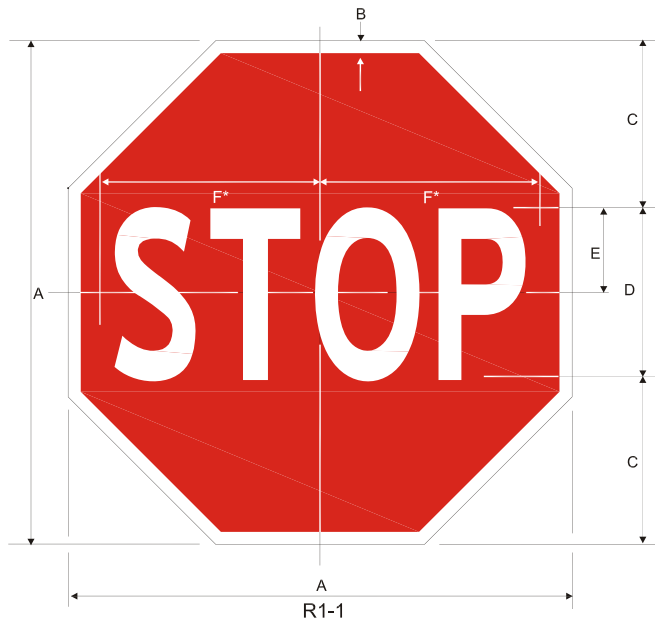
S1-1
SCHOOL *See page 6-58 for symbol design.

A	B	C	D	E	F	G	H
30	.5	.75	2	20	3	3.75	1.875
36	.625	.875	2.5	24	3.5	4.5	2.25
48	.75	1.25	3.25	32	5	6	3

COLORS: SYMBOL — BLACK
BACKGROUND — YELLOW (RETROREFLECTIVE)
FLOURESCENT YELLOW GREEN (RETROREFLECTIVE) OPTIONAL

B
C12 **CROSSWALK SIGN**

GRAPHIC SCALE: NTS



R1-1
STOP *Reduce spacing 40%

A	B	C	D	E	F
18	.375	6	6 C	3	7.75
24	.625	8	8 C	4	10
30	.75	10	10 C	5	12.5
36	.875	12	12 C	6	15
48	1.25	16	16 C	8	20

COLORS: LEGEND — WHITE (RETROREFLECTIVE)
BACKGROUND — RED (RETROREFLECTIVE)

C
C12 **STOP SIGN**

GRAPHIC SCALE: NTS



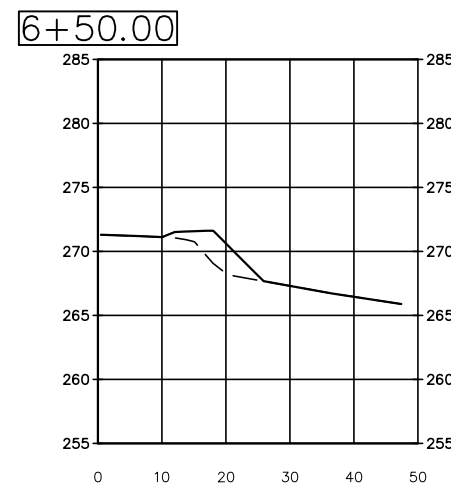
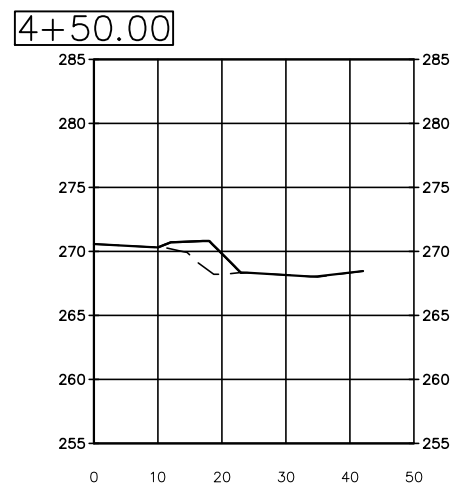
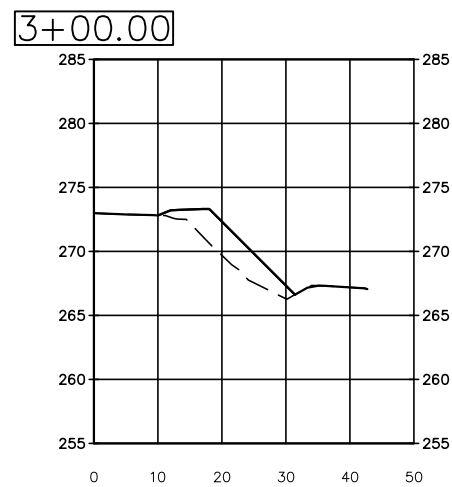
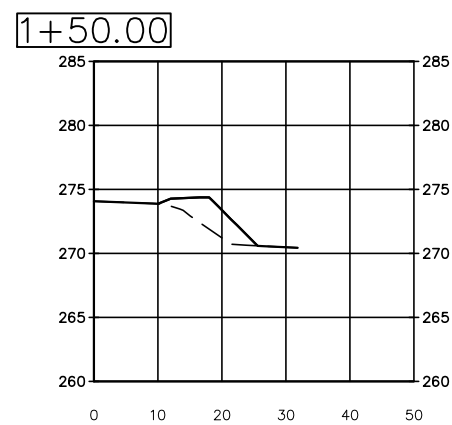
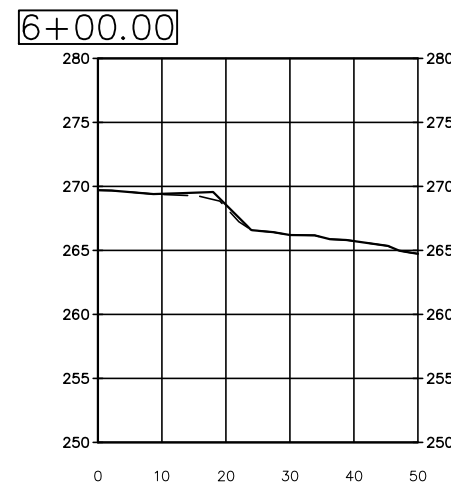
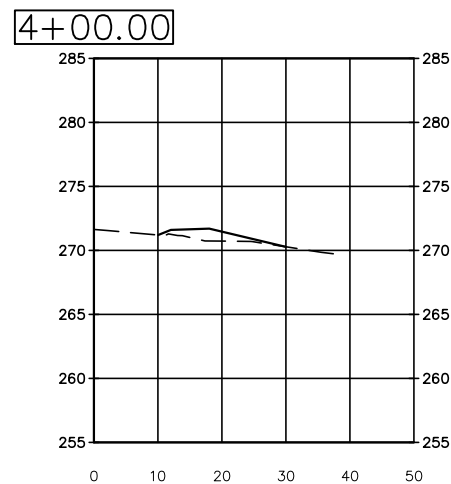
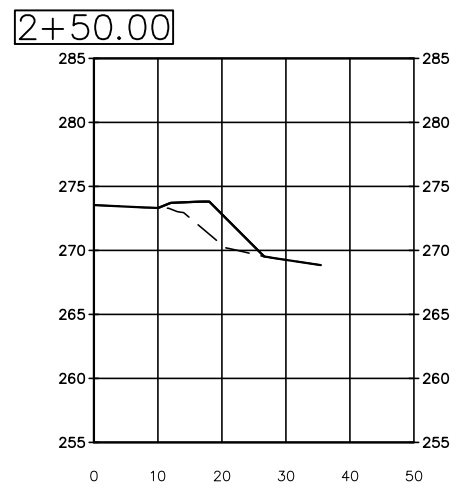
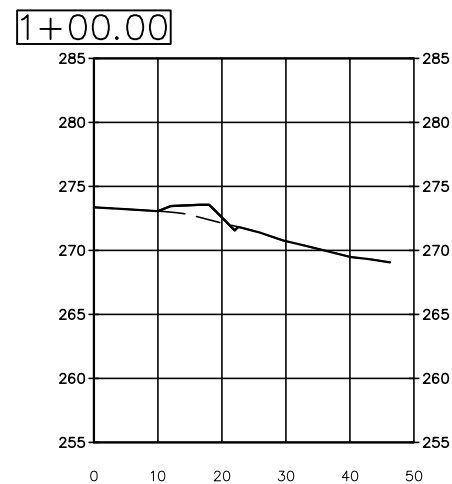
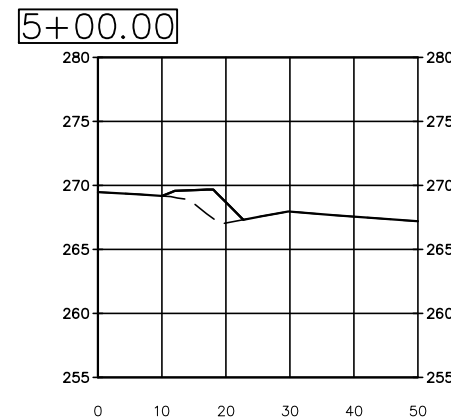
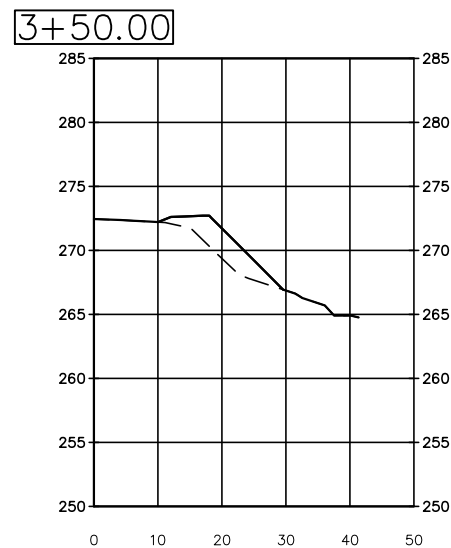
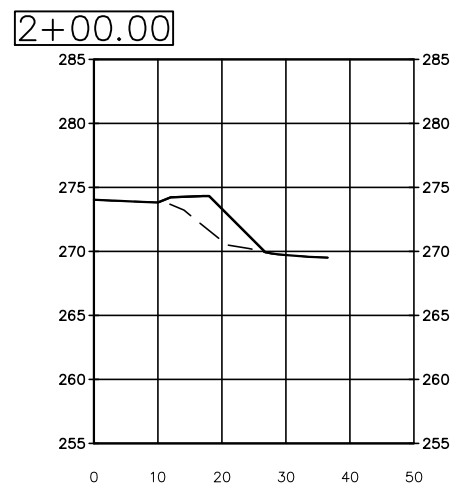
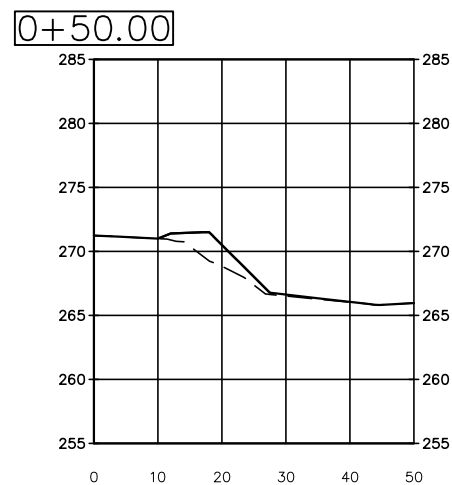
NO.	REVISION	DATE

CONSULTING ENGINEERS
STRUCTURAL/CIVIL
155 BIDARCA ST
KENAI, AK 99611
TEL. (907) 283 - 3583
NELSONENGINEER@ALASKA.NET

NELSON
ENGINEERING

SOUNDVIEW AVENUE 2017
SIDEWALK/PEDESTRIAN SAFETY IMPROVEMENTS
CITY OF HOMER
TYPICAL DETAILS

PROJECT NO.	1622
DRAWN BY:	MZD/CAM
CHECKED BY:	MZD/MJD
DATE:	06/23/17
SCALES:	NOTED
HORIZ.	NOTED
VERT.	NOTED
SHEET:	C12
12	OF 16



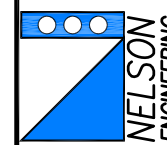
— — — — — EXISTING GRADE

_____ FINISH GRADE

[illegible]

**CONSULTING ENGINEERS
STRUCTURAL/CIVIL**

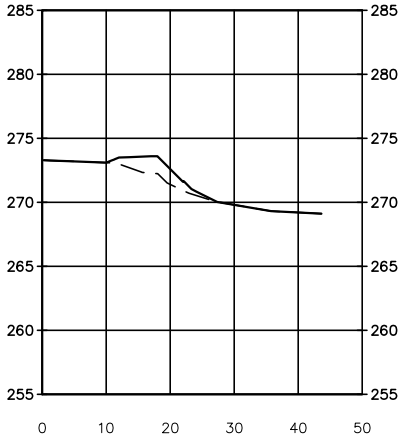
155 BIDARKA ST
KENAI, AK 99611
TEL. (907) 283 - 3583



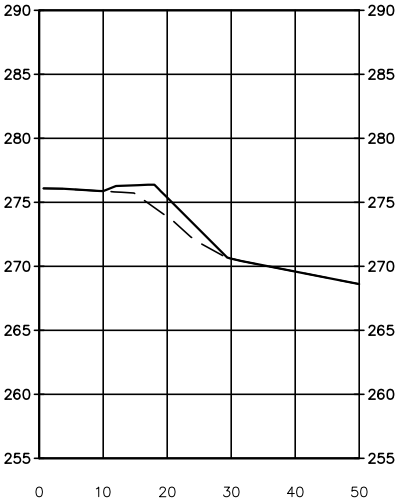
SOUNDVIEW AVENUE 2017
SIDEWALK/PEDESTRIAN SAFETY IMPROVEMENTS
CITY OF HOMER
PEDESTRIAN PATH CROSS SECTIONS

PROJECT NO.
1622
DRAWN BY:
MZD/CAM
CHECKED BY:
MZD/MJD
DATE: 06/23/17
SCALES: NOTED
HORIZ. NOTED
VERT. NOTED
SHEET: X1

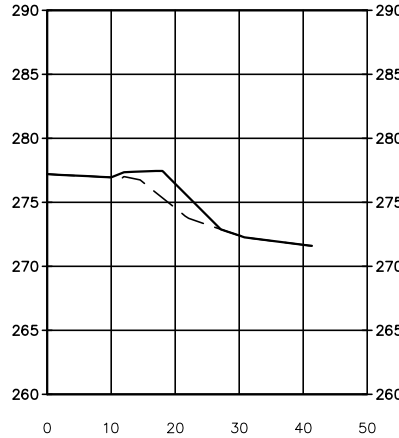
7+00.00



8+50.00



10+00.00



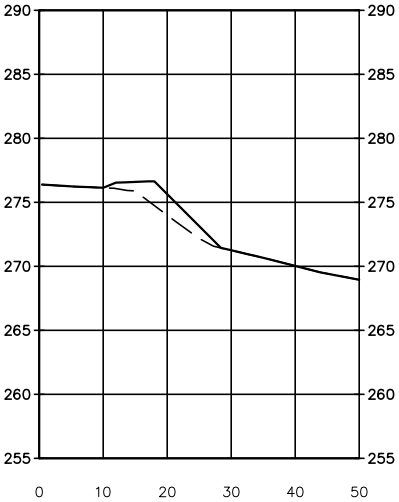
11+50.00



7+50.00



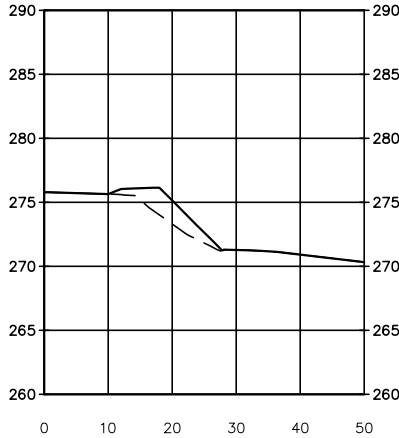
9+00.00



10+50.00



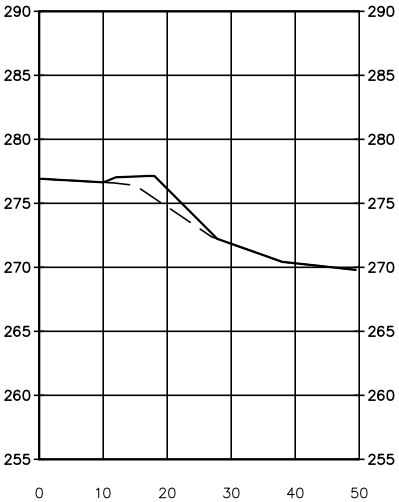
12+00.00



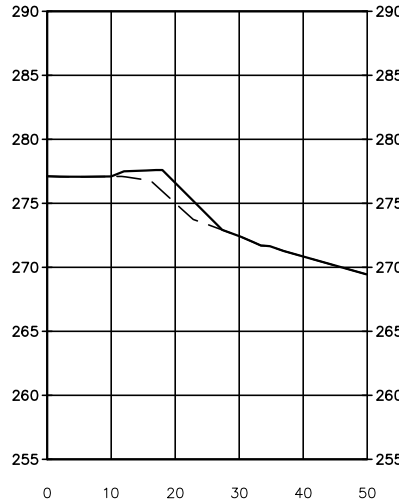
8+00.00



9+50.00



11+00.00



12+50.00



----- EXISTING GRADE

----- FINISH GRADE



NO.	REVISION	DATE

CONSULTING ENGINEERS
STRUCTURAL/CIVIL

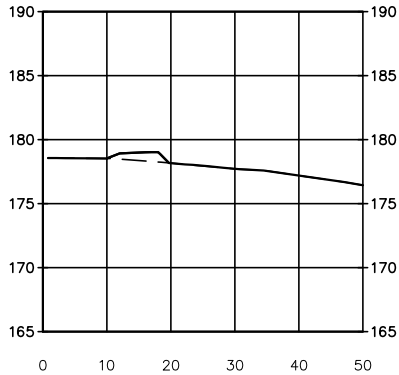
NELSON
ENGINEERING

155 BIDARKA ST
KENAI, AK 99611
TEL. (907) 283 - 3583
NELSONENGINEER@ALASKA.NET

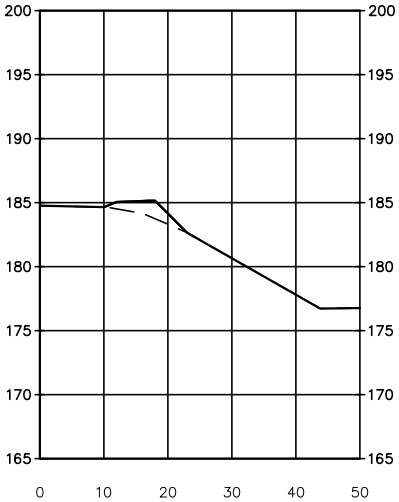
SOUNDVIEW AVENUE 2017
SIDEWALK/PEDESTRIAN SAFETY IMPROVEMENTS
CITY OF HOMER
PEDESTRIAN PATH CROSS SECTIONS

PROJECT NO.
1622
DRAWN BY:
MZD/CAM
CHECKED BY:
MZD/MJD
DATE: 06/23/17
SCALES: NOTED
HORIZ. NOTED
VERT. NOTED
SHEET: X2
14 OF 16

20+50.00



22+00.00



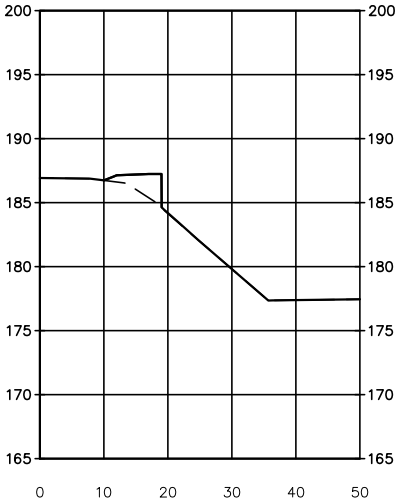
23+50.00



21+00.00



22+50.00



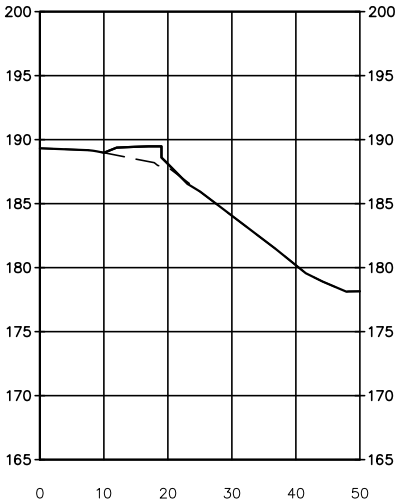
24+00.00



21+50.00



23+00.00



EXISTING GRADE

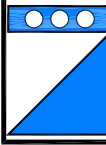
—————

FINISH GRADE



NO.	REVISION	DATE

CONSULTING ENGINEERS
STRUCTURAL/CIVIL

NELSON
ENGINEERING

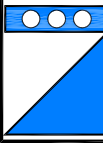
155 BIDARCA ST
KENAI, AK 99611
TEL. (907) 283 - 3583
NELSONENGINEER@ALASKA.NET

SOUNDVIEW AVENUE 2017
SIDEWALK/PEDESTRIAN SAFETY IMPROVEMENTS
CITY OF HOMER
PEDESTRIAN PATH CROSS SECTIONS

PROJECT NO.	1622
DRAWN BY:	MZD/CAM
CHECKED BY:	MZD/MJD
DATE:	06/23/17
SCALES:	NOTED
HORIZ.	NOTED
VERT.	NOTED
SHEET:	X3
15	OF 16



NO.	REVISION	DATE



CONSULTING ENGINEERS

STRUCTURAL/CIVIL

155 BIDARKA ST
KENAI, AK 99611
TEL. (907) 283 - 3583
NELSONENGINEER@ALASKA.NET

SOUNDVIEW AVENUE 2017

SIDEWALK/PEDESTRIAN SAFETY IMPROVEMENTS

CITY OF HOMER

PEDESTRIAN PATH CROSS SECTIONS

PROJECT NO.
1622

DRAWN BY:
MZD/CAM

CHECKED BY:
MZD/MJD

DATE: 06/23/17

SCALES: NOTED

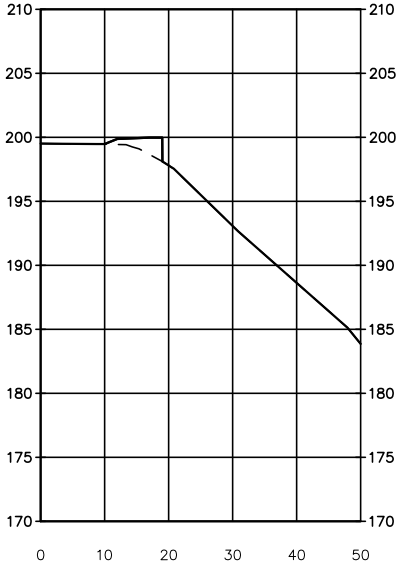
HORIZ. NOTED

VERT. NOTED

SHEET: X4

16 OF 16

24+50.00



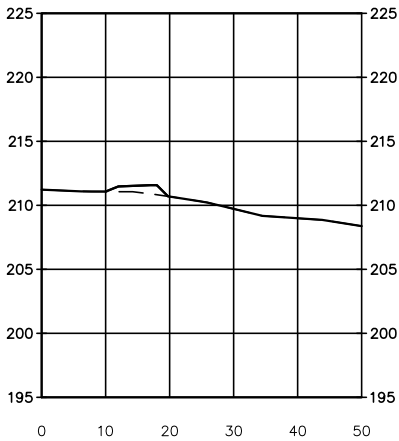
25+50.00



25+00.00



26+00.00



--- EXISTING GRADE

— FINISH GRADE