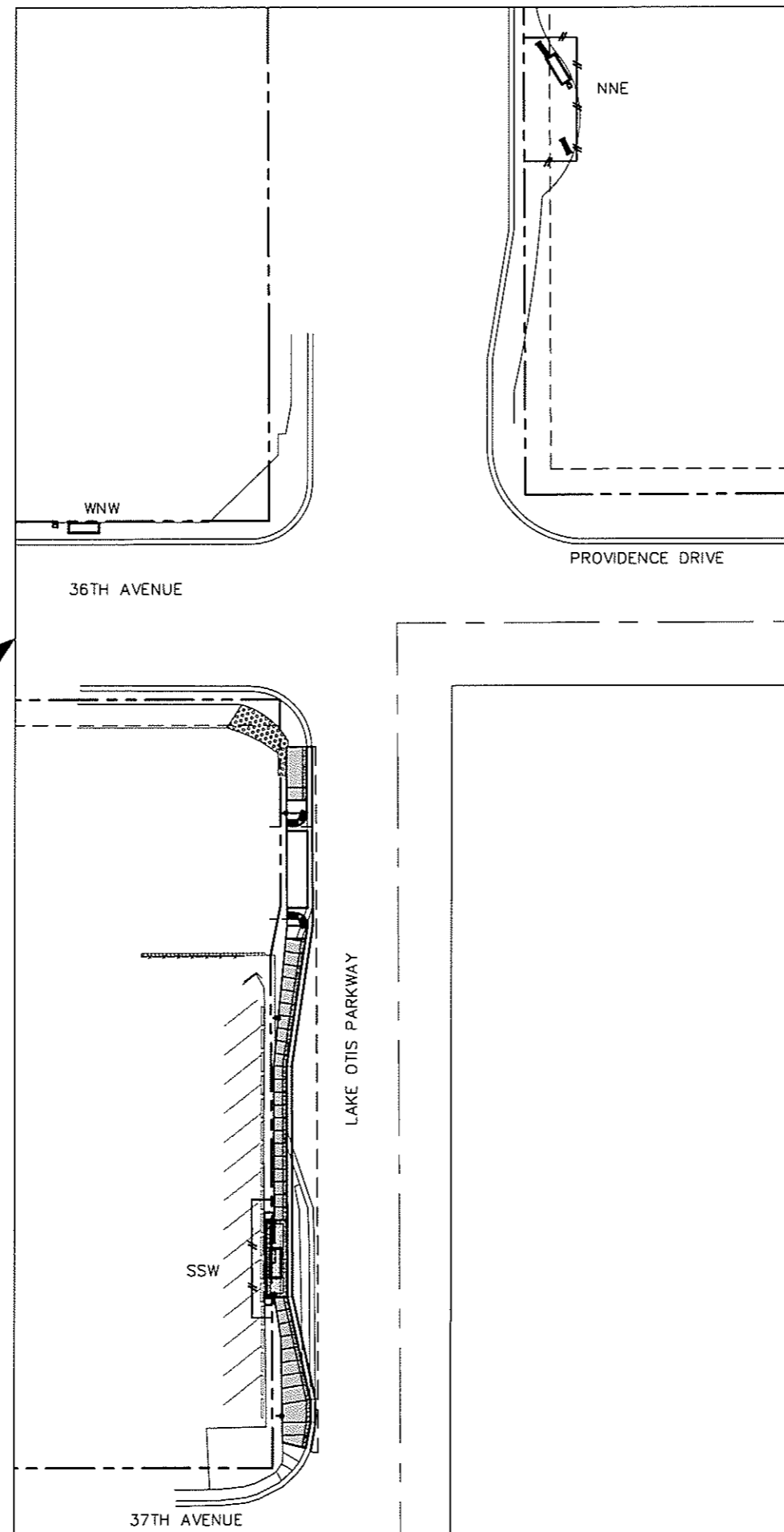




**MUNICIPALITY OF ANCHORAGE
PROJECT MANAGEMENT &
ENGINEERING DEPARTMENT**

**UMED TRANSIT AND
PEDESTRIAN IMPROVEMENTS
PROJECT NUMBER 04-42
SCHEDULE A**

**JUN 2007
95% DESIGN**



**PROJECT AREA
THIS SCHEDULE**



GRAPHIC SCALE

VERIFY SCALES
BAR IS ONE-HALF INCH
ON ORIGINAL DRAWING
0 1/2"
IF NOT ONE-HALF INCH
ON THIS SHEET, ADJUST
SCALES ACCORDINGLY.

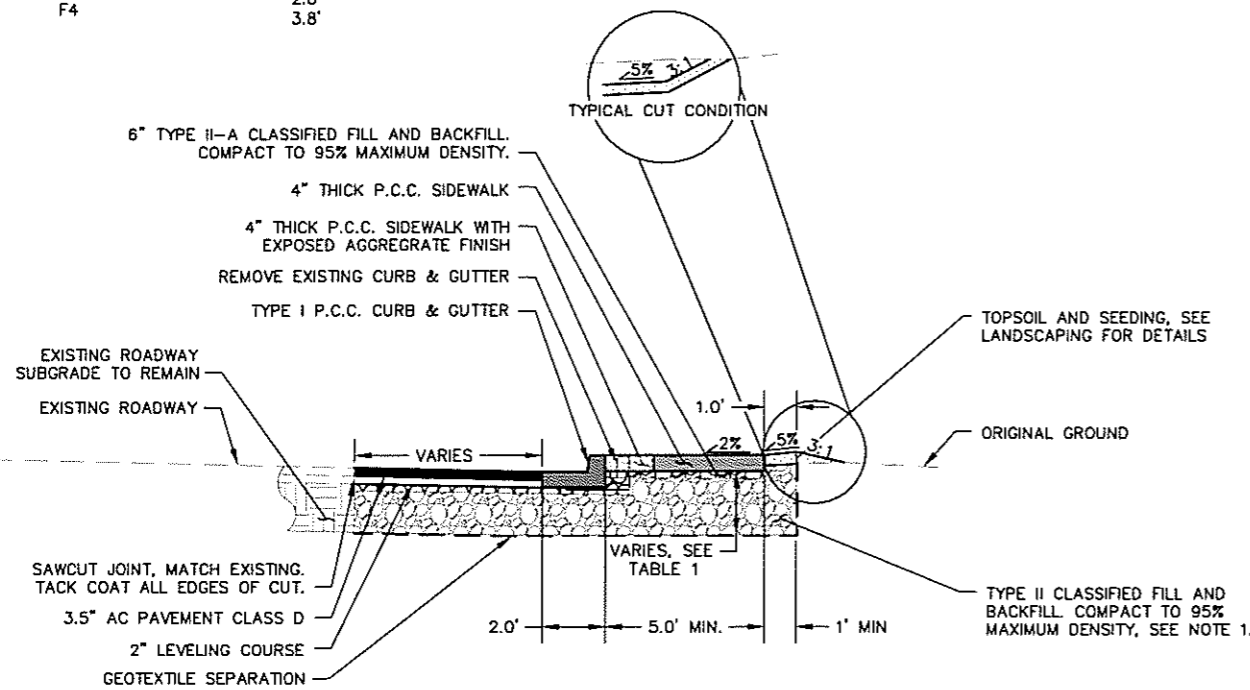
TABLE 1.

DEPTH OF EXCAVATION BENEATH IMPROVEMENTS SHALL BE BASED ON THE FROST CLASSIFICATION OF THE NATIVE MATERIAL AS FOLLOWS:

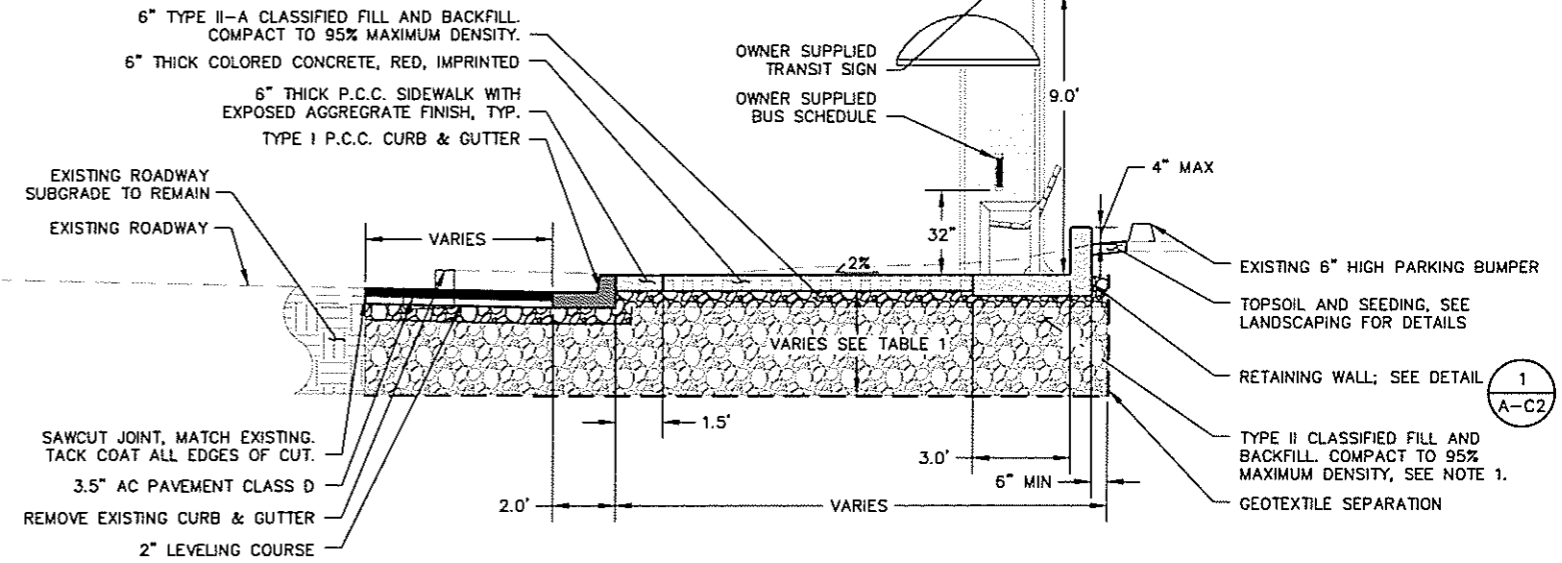
SUBGRADE FROST CLASSIFICATION	EXCAVATION DEPTH
F1	2.0'
F2	2.0'
F3	2.8'
F4	3.8'

NOTES:

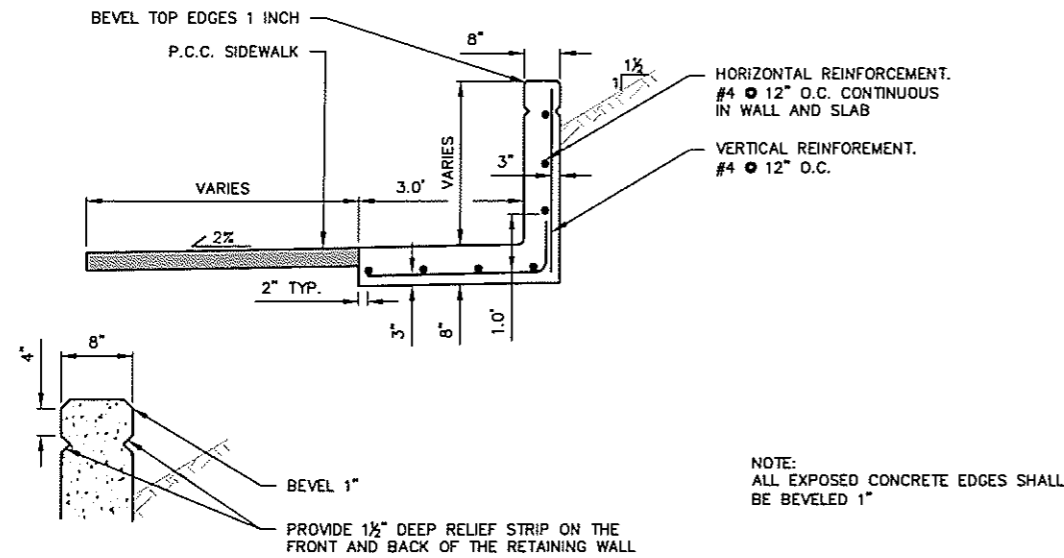
1. NATIVE MATERIAL MEETING THE TYPE II CLASSIFICATION SHALL REMAIN IN PLACE AS DIRECTED BY THE ENGINEER. COMPACT NATIVE MATERIAL THAT REMAINS IN PLACE TO 95% MAXIMUM DENSITY.
2. EXCAVATE ALL ORGANIC MATERIAL UNDER THE SUBGRADE TO A DEPTH TO BE DETERMINED BY THE ENGINEER.
3. ASPHALT FOR TACK COAT SHALL BE INCIDENTAL TO AC PAVEMENT CLASS D.



A TYPICAL SIDEWALK SECTION
A-C2 STA: 1+02.56 TO STA: 1+61.31
STA: 1+91.34 TO STA: 3+01.26
STA: 3+55.30 TO STA: 3+76.36



B TYPICAL BUS PAD SECTION
A-C2 STA: 1+61.31 TO STA: 1+91.34

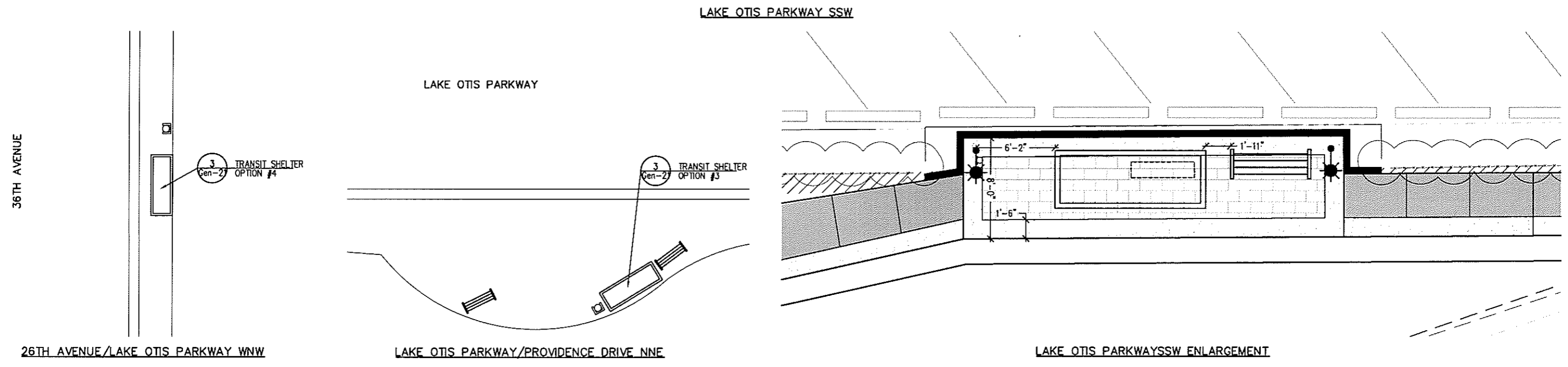
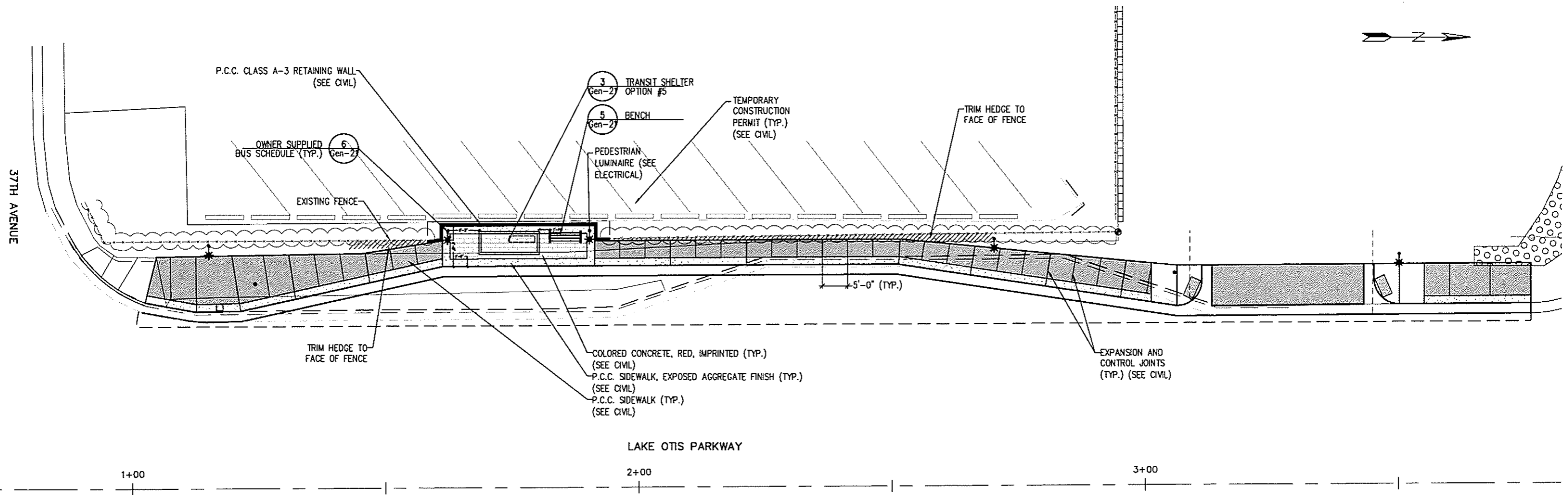
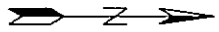


1 RETAINING WALL SECTION
A-C2 STA: 1+58.4 TO STA: 1+94.3

FILE: 0107 UNEDA01 CAD00\Drawings\10107 C Sheet1.dwg

FIELD BOOKS	TBM NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	REV	DATE	DESCRIPTION	BY	REV	DATE	DESCRIPTION	BY
DESIGN				BASE			TELEPHONE										
STAKING				TOPOGRAPHY			ELECTRIC										
ASBUILT				PROFILE			DESIGN										
CONTRACTOR				SANITARY SEWER			QUANTITIES										
INSPECTOR				STORM SEWER			PRELIMINARY										
				WATER			FINAL										
				GAS			MUNICIPAL/STATE										
CONSTRUCTION RECORD				VERTICAL DATUM			PLAN CHECK										

 3840 ARCTIC BLVD. SUITE 200 ANCHORAGE, ALASKA 99503 PHONE: (907) 562-3232 FAX: (907) 561-2273	 William J. Johnson CE 9898		PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT OFFICE OF THE MUNICIPAL ENGINEER
			PM&E Project No. 04-42 CIVIL SCHED A UMED TRANSIT AND PEDESTRIAN IMPROVEMENTS LAKE OTIS PARKWAY & 36TH AVENUE TYPICAL CROSS SECTIONS
SCALE	HOR. NTS VER. N/A	DATE JUN 2007	GRID 1833,1834; 1835, 1733,1734,1735
		STATUS 95% DESIGN	SHEET A-C2 of XX



P:\10107 UMED\00 CAD\Drawings\10107 C Sheets.dwg

FIELD BOOKS		TBM NO.	LOCATION	ELEV.	DATA	DATE	BY	DESCRIPTION	BY
DESIGN					BASE			TELEPHONE	
STAGING					TOPOGRAPHY			ELECTRIC	
ASBUILT					PROFILE			DESIGN	
CONTRACTOR					SANITARY BENCH			QUANTITIES	
INSPECTOR					STORM BENCH			PRELIMINARY	
					WATER			FINAL	
					GAS			FINAL	

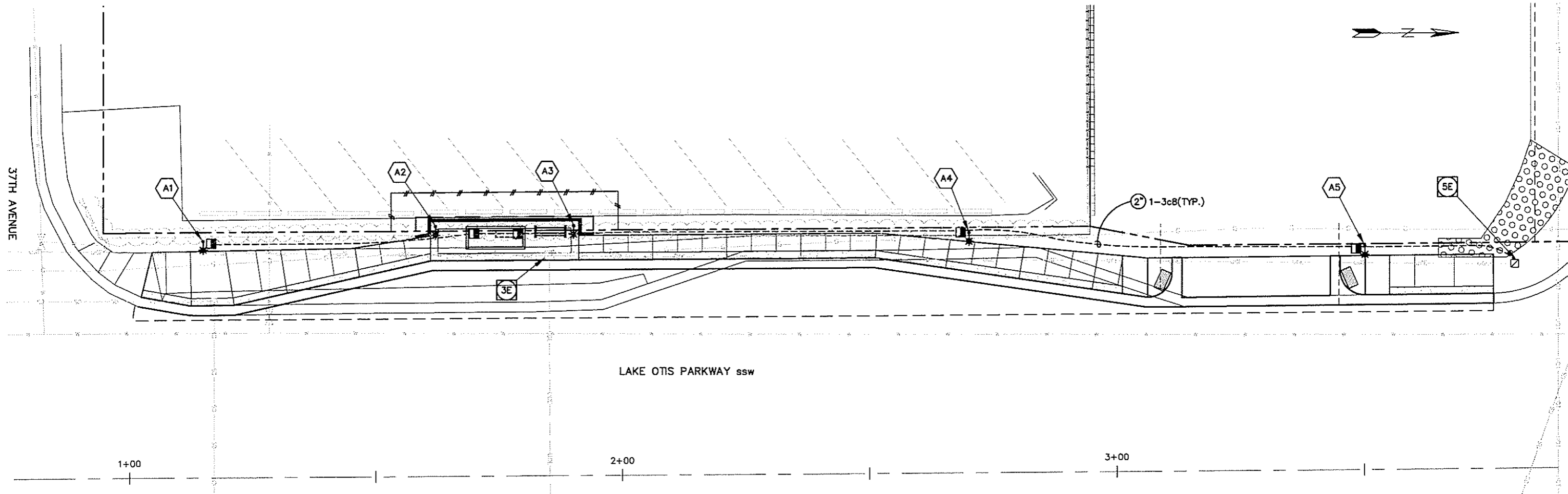


PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT
OFFICE OF THE MUNICIPAL ENGINEER

PM&E Project No. 04-42 LANDSCAPE SCHED A

UMED TRANSIT AND PEDESTRIAN IMPROVEMENTS
LAKE OTIS PARKWAY & 36th AVENUE

SCALE HOR. 1"=10' DATE JUNE 2007 1834.1635. GRID 1735
VER. N/A STATUS 95% DESIGN SHEET A-L1 of XX



POLE SCHEDULE						
POLE	STATION	OFFSET	POLE TYPE	SHAFT LENGTH	MAST ARM LENGTH	REMARKS
A1	1+15.1	48.2 LT	PEDESTRIAN	13		
A2	1+62.3	50.9 LT	PEDESTRIAN	12		
A3	1+90.3	51.0 LT	PEDESTRIAN	12		
A4	2+70.3	48.9 LT	PEDESTRIAN	13		
A5	3+50.3	45.5 LT	PEDESTRIAN	13		

SCHEDULE A NOTES:

- SEE SHEET GEN-17 FOR THE LIGHTING NOTES THAT APPLY TO ALL WORK.
- INSTALL JUNCTION BOXES (JBOXES) A2 AND A3 INSIDE THE BUS STOP SHELTER NEAR THE BACK WALL AND WITHIN TWO FEET OF THE SHELTER'S CORNER POST.
- INSTALL 2" RIGID STEEL CONDUIT BETWEEN JBOXES A5 AND 5E.
- INSTALL ILLUMINATION CABLE BETWEEN JBOX A1 AND JBOX 5E.
- SPLICE THE 10 AWG CONDUCTORS TO THE SHELTER AND PEDESTRIAN LIGHT INTO THE ILLUMINATION CABLE IN JBOX A2.
- TO ENERGIZE THE PEDESTRIAN AND SHELTER LIGHTING, SPLICE THE ILLUMINATION CABLE INTO THE EXISTING 480 VOLT ROADWAY LIGHTING CIRCUIT IN JBOX 5E.
- REPLACE JBOX 3E WITH A NEW TYPE 1A JBOX. ENSURE THE TOP OF THE NEW JUNCTION BOX IS 1/4 INCH BELOW THE TOP OF THE FINISHED SIDEWALK.

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 Date: 06/20/07 10:00 AM

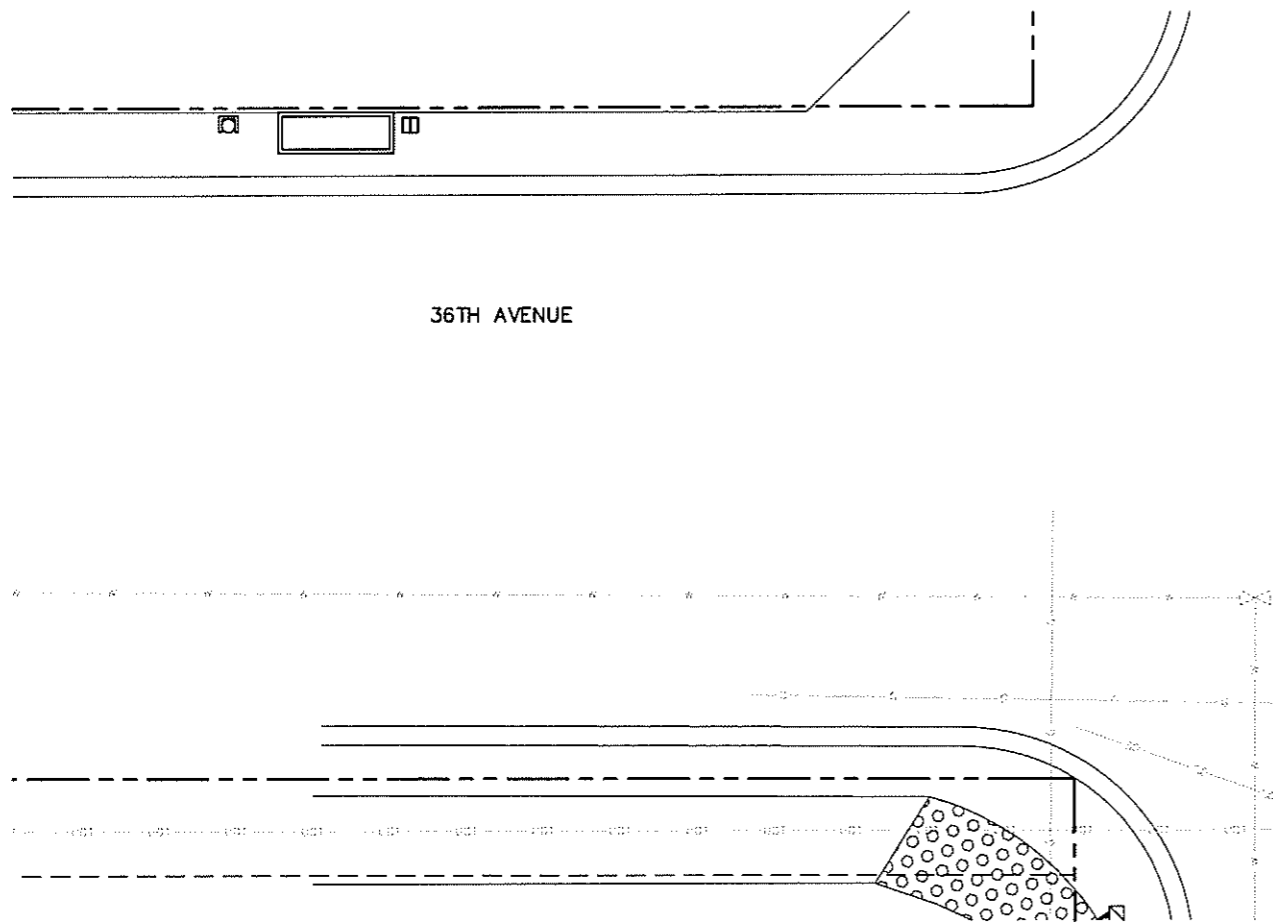
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DESIGN				BASE					TELEPHONE					
STAKING				TOPOGRAPHY					ELECTRIC					
ASBUILT				PROFILE					DESIGN					
CONTRACTOR				SANITARY SEWER					QUANTITIES					
INSPECTOR				STORM SEWER					PRELIMINARY					
				WATER					FINAL					
				GAS					MUNICIPAL/STATE					
CONSTRUCTION RECORD		VERTICAL DATUM		PLAN CHECK					REVISIONS					

CRW ENGINEERING GROUP, LLC
 3640 ARCTIC BLVD, SUITE 300
 ANCHORAGE, ALASKA 99503
 PHONE: (907) 562-3232
 FAX: (907) 561-2273

STATE OF ALASKA
 49 III
 REGISTERED PROFESSIONAL ENGINEER

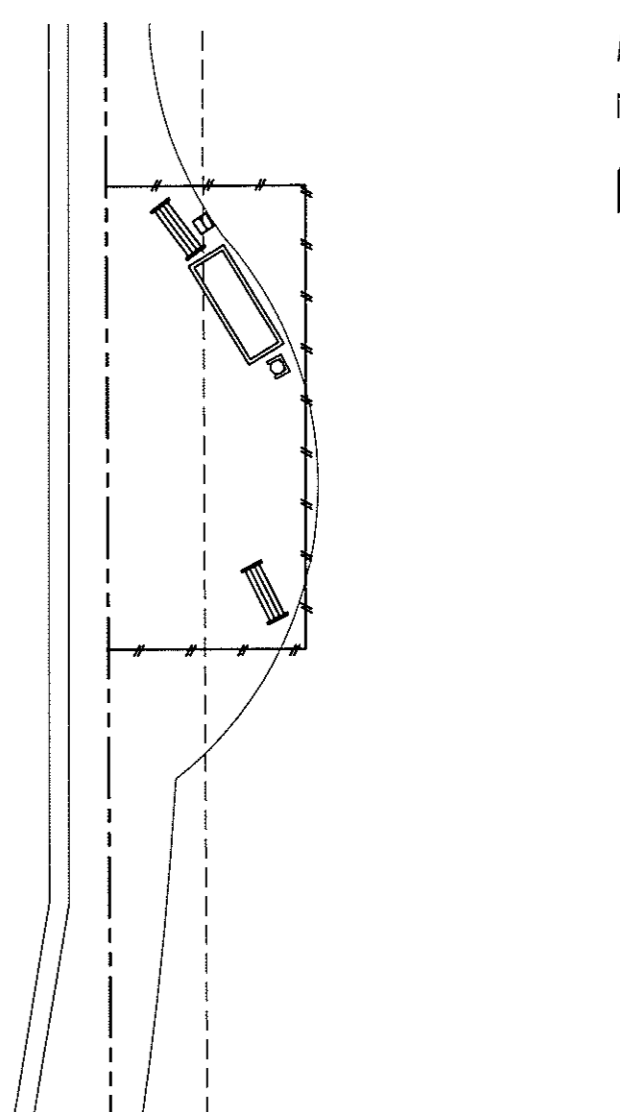
UNIVERSITY OF ALASKA
 4G

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT
 OFFICE OF THE MUNICIPAL ENGINEER
 PM&E Project No. 04-42 ELECTRICAL SCHED A
UMED TRANSIT AND PEDESTRIAN IMPROVEMENTS
 LAKE OTIS PARKWAY & 36th AVENUE
 SCALE: HOR. 1"=10' DATE JUN 2007 GRID: 1333.1634, 1835. VER. N/A STATUS 95% DESIGN SHEET A-E1 of XX



36TH AVENUE

LAKE OTIS PARKWAY



SCHEDULE A - NORTHWEST BUS STOP ELECTRICAL NOTES:

1. DISCONNECT THE CONDUCTORS ATTACHED TO THE DISCONNECT SWITCH LOCATED IN THE CABINET MOUNTED ON THE NORTHEAST CORNER POST OF THE EXISTING BUS SHELTER. REMOVE THE CONDUCTORS TO THE ADJACENT JUNCTION BOX.
2. DISCONNECT AND REMOVE THE CABINET AND 1 INCH RIGID CONDUIT ATTACHED TO THE NORTHEAST CORNER POST. REMOVE THE 1 INCH RIGID STEEL CONDUIT DOWN TO THE COUPLING LOCATED ABOUT TWO INCHES ABOVE THE TOP OF PARAPET WALL THAT PROVIDES A LEVEL SHELTER.
3. FURNISH A SHELTER WITH THE ELECTRICAL ASSEMBLY LOCATED IN THE RIGHT REAR CORNER POST.
4. AFTER THE SHELTER IS INSTALLED, INSTALL A TYPE LB CONDUIT OUTLET BODY THAT FITS 1 INCH RIGID CONDUIT TO THE SHELTER'S NORTHEAST CORNER POST ABOVE THE CONDUIT END AND BELOW THE BOTTOM OF THE ACCESS HANDHOLE. INSTALL A PIECE OF LIQUID-TIGHT FLEXIBLE METAL CONDUIT IN THE GAP BETWEEN THE PROTRUDING CONDUIT END AND THE LB OUTLET BODY.
5. INSTALL TWO 10 AWG CONDUCTORS AND A BARE 8 AWG EQUIPMENT GROUNDING CONDUCTOR BETWEEN THE DISCONNECT SWITCH AND THE JUNCTION BOX. SPLICE THE CONDUCTORS INTO THE EXISTING 480 VOLT ROADWAY LIGHTING CIRCUIT IN THE JUNCTION BOX.

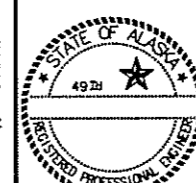
SCHEDULE A - NORTHEAST BUS STOP ELECTRICAL NOTES:

1. DISCONNECT THE CONDUCTORS ATTACHED TO THE DISCONNECT SWITCH LOCATED IN THE CABINET MOUNTED ON THE NORTHERN-MOST CORNER POST OF THE EXISTING BUS SHELTER. REMOVE THE CONDUCTORS TO THE ADJACENT JUNCTION BOX.
2. DISCONNECT AND REMOVE THE CABINET AND CONDUIT ATTACHED TO THE NORTHERN-MOST CORNER POST. REMOVE THE 1 INCH RIGID STEEL CONDUIT DOWN TO THE COUPLING LOCATED ABOUT A FOOT ABOVE THE SHELTER PAD. RETROFIT THE CONDUIT END WITH A GROUNDING BUSHING.
3. FURNISH A SHELTER WITH THE ELECTRICAL ASSEMBLY INSTALLED IN THE SHELTER'S LEFT REAR CORNER POST.
4. INSTALL THE NEW SHELTER'S NORTHERN-MOST CORNER POST OVER THE CONDUIT STUB PROTRUDING FROM THE SHELTER PAD.
5. INSTALL TWO 10 AWG CONDUCTORS AND A BARE 8 AWG EQUIPMENT GROUNDING CONDUCTOR BETWEEN THE DISCONNECT SWITCH LOCATED IN THE CORNER POST AND THE JUNCTION BOX. SPLICE THE CONDUCTORS INTO THE EXISTING 480 VOLT ROADWAY LIGHTING CIRCUIT IN THE JUNCTION BOX.

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GRAPHIC SCALE 1" = 10'

DESIGN	FIELD BOOKS	TBM NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	REV	DATE	DESCRIPTION	BY	REV	DATE	DESCRIPTION	BY	
DESIGN					BASE			TELEPHONE											
DESIGN					TOPOGRAPHY			ELECTRIC											
DESIGN					PROFILE			DESIGN											
DESIGN					SANITARY SEWER			QUANTITIES											
DESIGN					STORM SEWER			PRELIMINARY											
DESIGN					WATER			FINAL											
DESIGN					GAS			MUNICIPAL/STATE											
CONTRACTOR	BASIS OF THIS DATUM				PLAN CHECK				REVISIONS				CONSULTANT						
INSPECTOR	CONSTRUCTION RECORD				VERTICAL DATUM								SEAL						



PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT
OFFICE OF THE MUNICIPAL ENGINEER

PM&E Project No. 04-42 ELECTRICAL SCHED A

UMED TRANSIT AND PEDESTRIAN IMPROVEMENTS
LAKE OTIS PARKWAY & 36TH AVENUE

SCALE: HOR. 1"=10' VER. N/A DATE: JUN 2007 STATUS: 95% DESIGN

SHEET A-E2 of XX