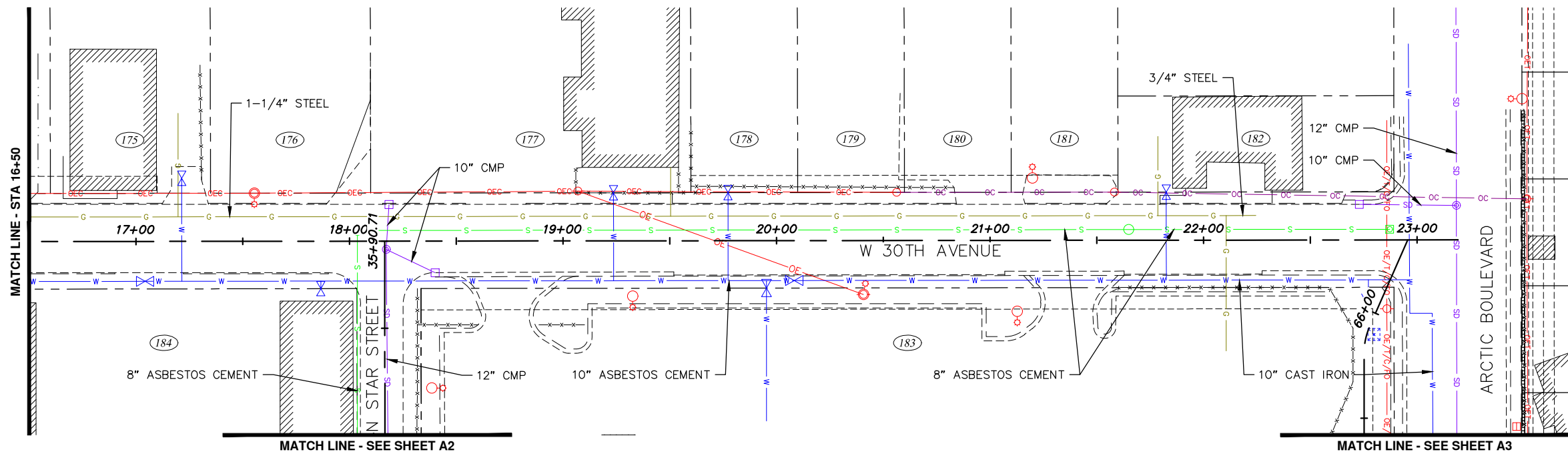
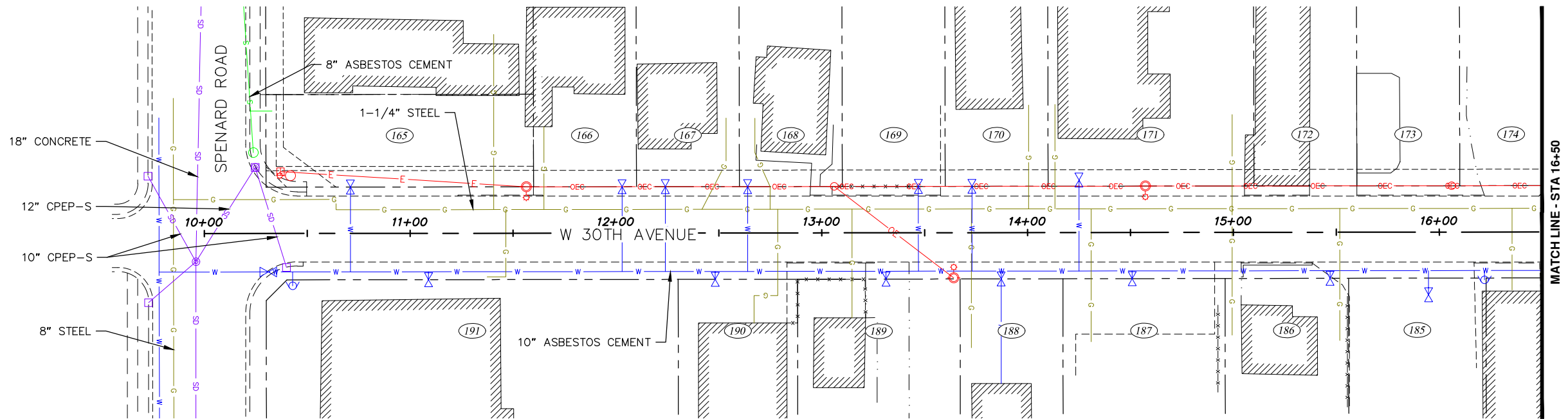


Existing Utilities Drawings

Appendix A

File: t:\webdata\10136.00 W 32nd And E 33rd Avenue Upgrade\00 CADD\02 Figures\01 DSR\Existing Utilities.dwg



S	SEWER
G	NATURAL GAS
W	WATER
SD	STORM DRAIN
SB	SUBDRAIN
FO	FIBER OPTIC
C	CABLE TELEVISION
OC	CABLE TELEVISION (OVERHEAD)
T	TELEPHONE
E	ELECTRIC
OE	ELECTRIC (OVERHEAD)
OE/C/FO	ELECTRIC/CABLE/FIBER OPTIC (OVERHEAD)
OE/FO	ELECTRIC/FIBER OPTIC (OVERHEAD)
OEC	ELECTRIC/CABLE (OVERHEAD)
OET	ELECTRIC/TELEPHONE (OVERHEAD)
OE/T/C/FO	ELECTRIC/TELEPHONE/CABLE/FIBER OPTIC (OVERHEAD)
TF	TRAFFIC LINE

EXISTING UTILITY LEGEND

○	SANITARY SEWER MANHOLE
○	SANITARY SEWER SERVICE
○	SEWER CLEANOUT
○	KEY BOX
○	FIRE HYDRANT
○	WATER VALVE
○	STORM DRAIN CLEANOUT
○	STORM DRAIN CATCH BASIN
○	STORM DRAIN MANHOLE
○	CATCH BASIN MANHOLE
○	FIBER OPTIC VAULT
○	CABLE PEDESTAL
○	TELEPHONE PEDESTAL
○	TELEPHONE MANHOLE

○	ELECTRIC JBOX
○	ELECTRIC SWITCH CABINET
○	LUMINAIRE
○	POWERLINE POLE
○	GUY WIRE
○	ELECTRIC JUNCTION BOX TYPE 3
○	TRAFFIC SIGNAL POLE
○	TELEPHONE VAULT
○	LOAD CENTER
○	TRAFFIC CONTROLLER CABINET
○	JUNCTION BOX TYPE 1 (LIGHTING/TRAFFIC)
○	JUNCTION BOX TYPE 2 (LIGHTING/TRAFFIC)
○	TRANSFORMER
○	ELECTRIC MANHOLE
○	PARCEL NUMBER

30' 0 30' 60'



PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT				
16-29		W. 32ND AVE & E. 33RD AVE UPGRADES SPENARD ROAD TO OLD SEWARD HIGHWAY		
EXISTING UTILITIES				
SCALE	HOR. 1"=30' VER. N/A	GRID SW1629, SW1630, SW1631 DATE MAR 2019 STATUS DSR		SHEET A1 of A9

File: s:\webdata\10136.00 W 32nd Ave Upgrade\00 CADD\02 Figures\01 DSR\Existing Utilities.dwg

	SEWER
	NATURAL GAS
	WATER
	STORM DRAIN
	SUBDRAIN
	FIBER OPTIC
	CABLE TELEVISION
	TELEPHONE
	ELECTRIC
	ELECTRIC (OVERHEAD)
	ELECTRIC/CABLE/FIBER OPTIC (OVERHEAD)
	ELECTRIC/FIBER OPTIC (OVERHEAD)
	ELECTRIC/CABLE (OVERHEAD)
	ELECTRIC/TELEPHONE (OVERHEAD)
	ELECTRIC/TELEPHONE/CABLE/FIBER OPTIC (OVERHEAD)
	TRAFFIC LINE

EXISTING UTILITY LEGEND

	SANITARY SEWER MANHOLE
	SANITARY SEWER SERVICE
	SEWER CLEANOUT
	KEY BOX
	FIRE HYDRANT
	WATER VALVE
	STORM DRAIN CLEANOUT
	STORM DRAIN CATCH BASIN
	STORM DRAIN MANHOLE
	CATCH BASIN MANHOLE
	FIBER OPTIC VAULT
	CABLE PEDESTAL
	TELEPHONE PEDESTAL
	TELEPHONE MANHOLE

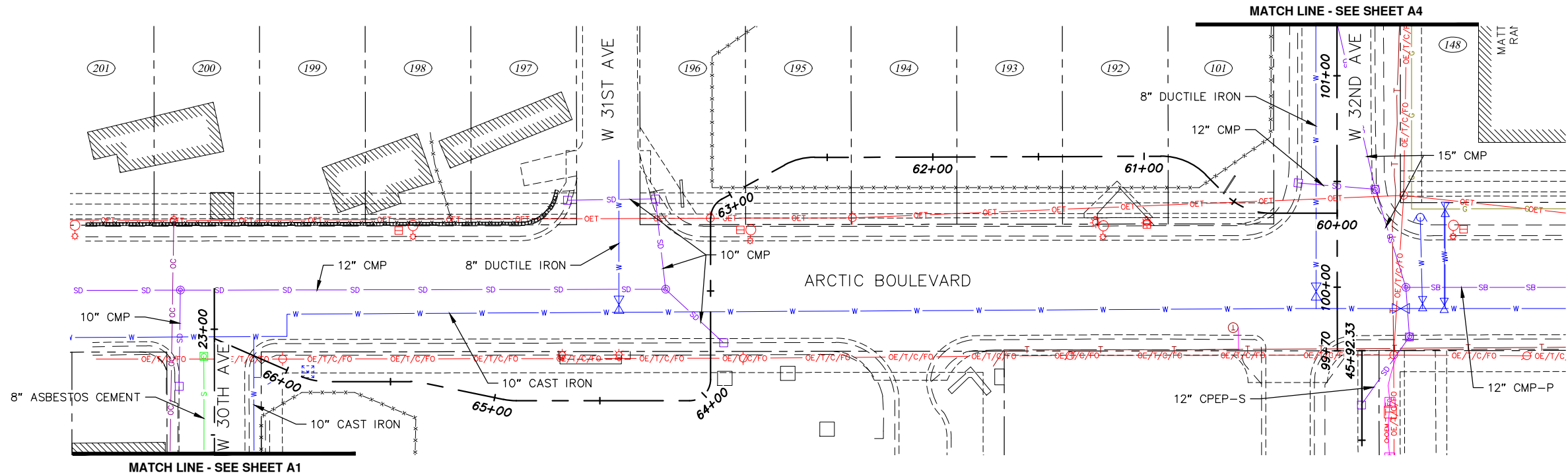
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	ELECTRIC SWITCH CABINET
	LUMINAIRE
	POWERLINE POLE
	GUY WIRE
	ELECTRIC JUNCTION BOX TYPE 3
	TRAFFIC SIGNAL POLE
	TELEPHONE VAULT
	LOAD CENTER
	TRAFFIC CONTROLLER CABINET
	JUNCTION BOX TYPE 1 (LIGHTING/TRAFFIC)
	JUNCTION BOX TYPE 2 (LIGHTING/TRAFFIC)
	TRANSFORMER
	ELECTRIC MANHOLE
	PARCEL NUMBER

30' 0 30' 60'



PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT			
16-29		W. 32ND AVE & E. 33RD AVE UPGRADES SPENARD ROAD TO OLD SEWARD HIGHWAY	
EXISTING UTILITIES			

File: s:\webData\10138.00 W 32nd Ave Upgrade\00 CADD\02 Figures\01 DSR\Existing Utilities.dwg



— S	SEWER
— G	NATURAL GAS
— W	WATER
— SD	STORM DRAIN
— SB	SUBDRAIN
— FO	FIBER OPTIC
— C	CABLE TELEVISION
— OC	CABLE TELEVISION (OVERHEAD)
— T	TELEPHONE
— E	ELECTRIC
— OE	ELECTRIC (OVERHEAD)
— OE/C/FO	ELECTRIC/CABLE/FIBER OPTIC (OVERHEAD)
— OE/FO	ELECTRIC/FIBER OPTIC (OVERHEAD)
— OEC	ELECTRIC/CABLE (OVERHEAD)
— OET	ELECTRIC/TELEPHONE (OVERHEAD)
— OE/T/C/FO	ELECTRIC/TELEPHONE/CABLE/FIBER OPTIC (OVERHEAD)
— TF	TRAFFIC LINE

EXISTING UTILITY LEGEND

○	SANITARY SEWER MANHOLE
○	SANITARY SEWER SERVICE
○ C.O.	SEWER CLEANOUT
○ K	KEY BOX
○ F	FIRE HYDRANT
○ V	WATER VALVE
○ C.O.	STORM DRAIN CLEANOUT
○ C.B.	STORM DRAIN CATCH BASIN
○ C.B.M.	STORM DRAIN MANHOLE
○ C.B.M.	CATCH BASIN MANHOLE
○ C.P.	FIBER OPTIC VAULT
○ C.P.	CABLE PEDESTAL
○ T.P.	TELEPHONE PEDESTAL
○ T.M.	TELEPHONE MANHOLE

○ E	ELECTRIC JBOX
○ E	ELECTRIC SWITCH CABINET
○ L	LUMINAIRE
○ P	POWERLINE POLE
○ G	GUY WIRE
○ E	ELECTRIC JUNCTION BOX TYPE 3
○ T	TRAFFIC SIGNAL POLE
○ T	TELEPHONE VAULT
○ L	LOAD CENTER
○ T	TRAFFIC CONTROLLER CABINET
○ J	JUNCTION BOX TYPE 1 (LIGHTING/TRAFFIC)
○ J	JUNCTION BOX TYPE 2 (LIGHTING/TRAFFIC)
○ T	TRANSFORMER
○ E	ELECTRIC MANHOLE
○ P	PARCEL NUMBER



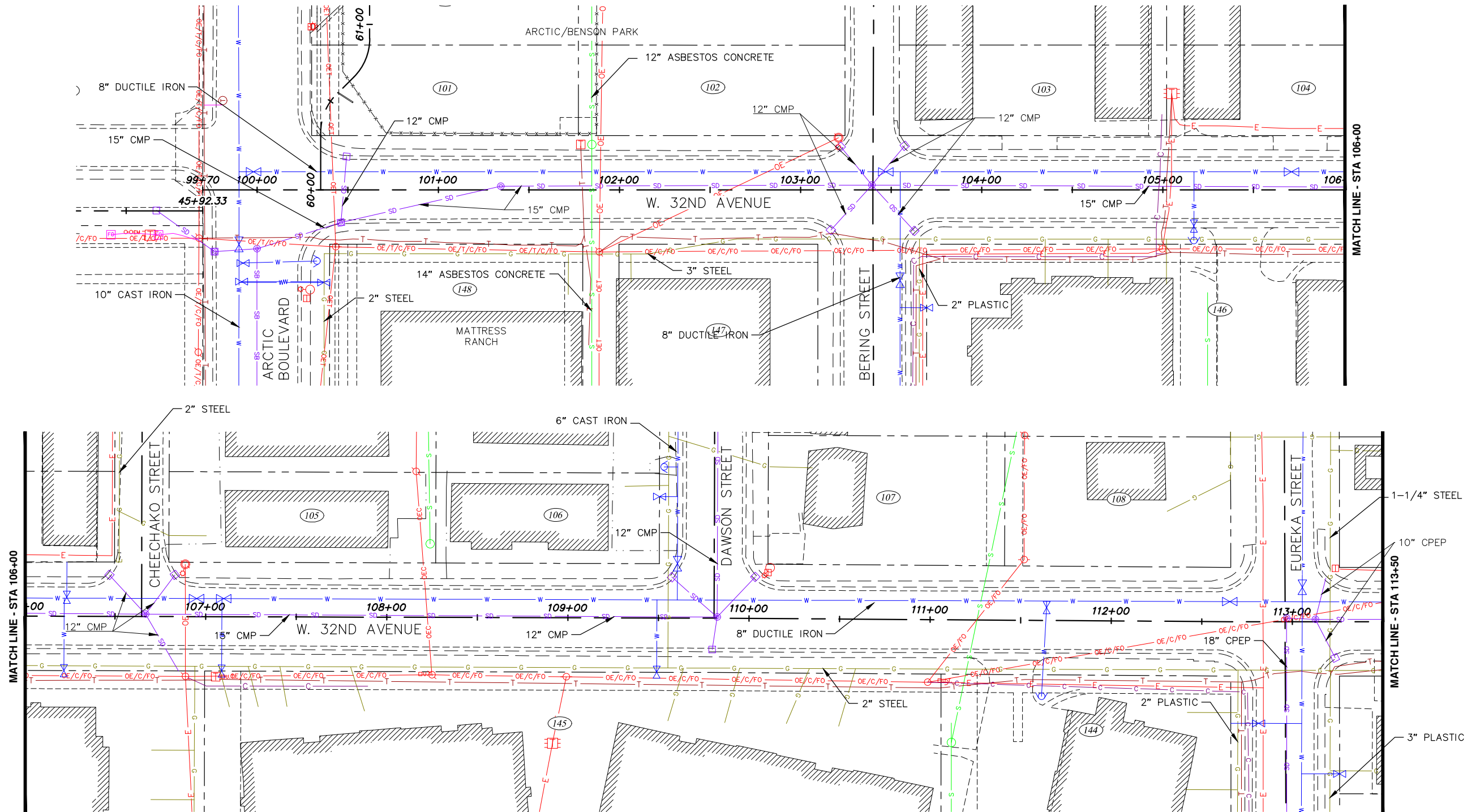
CRW
ENGINEERING GROUP, LLC

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



PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT			
16-29		W. 32ND AVE & E. 33RD AVE UPGRADES SPENARD ROAD TO OLD SEWARD HIGHWAY	
EXISTING UTILITIES			
SCALE	HOR. 1"=30'	GRID SW1629, SW1630, SW1631	
	VER. N/A	DATE MAR 2019	STATUS DSR
SHEET			A3 of A9

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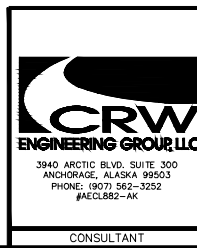
EXISTING UTILITY LEGEND

	SEWER
	NATURAL GAS
	WATER
	STORM DRAIN
	SUBDRAIN
	FIBER OPTIC
	CABLE TELEVISION
	TELEPHONE
	ELECTRIC
	ELECTRIC (OVERHEAD)
	ELECTRIC/CABLE/FIBER OPTIC (OVERHEAD)
	ELECTRIC/FIBER OPTIC (OVERHEAD)
	ELECTRIC/CABLE (OVERHEAD)
	ELECTRIC/TELEPHONE (OVERHEAD)
	ELECTRIC/TELEPHONE/CABLE/FIBER OPTIC (OVERHEAD)
	TRAFFIC LINE

	SANITARY SEWER MANHOLE
	SANITARY SEWER SERVICE
	SEWER CLEANOUT
	KEY BOX
	FIRE HYDRANT
	WATER VALVE
	STORM DRAIN CLEANOUT
	STORM DRAIN CATCH BASIN
	STORM DRAIN MANHOLE
	CATCH BASIN MANHOLE
	FIBER OPTIC VAULT
	CABLE PEDESTAL
	TELEPHONE PEDESTAL
	TELEPHONE MANHOLE

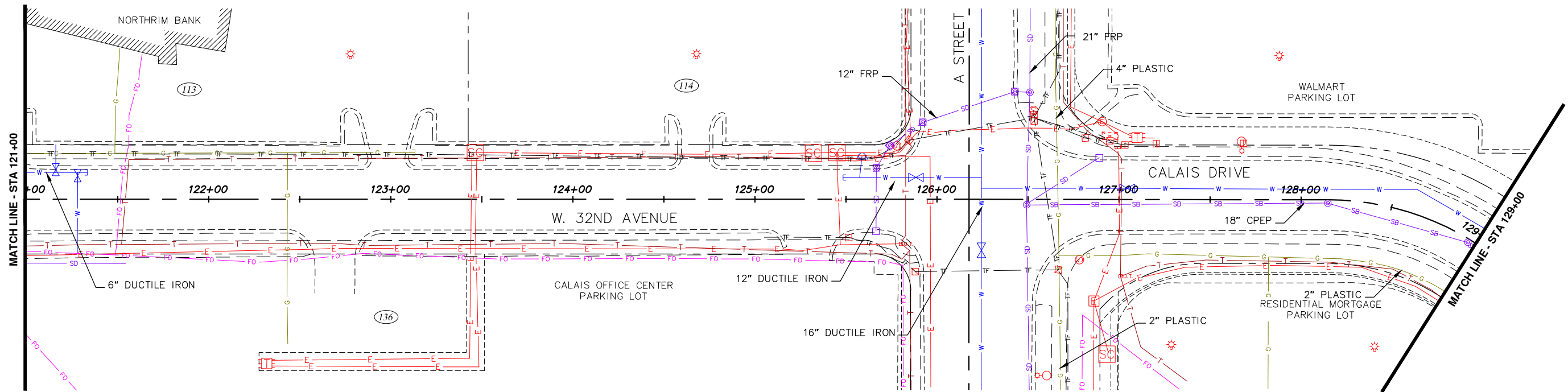
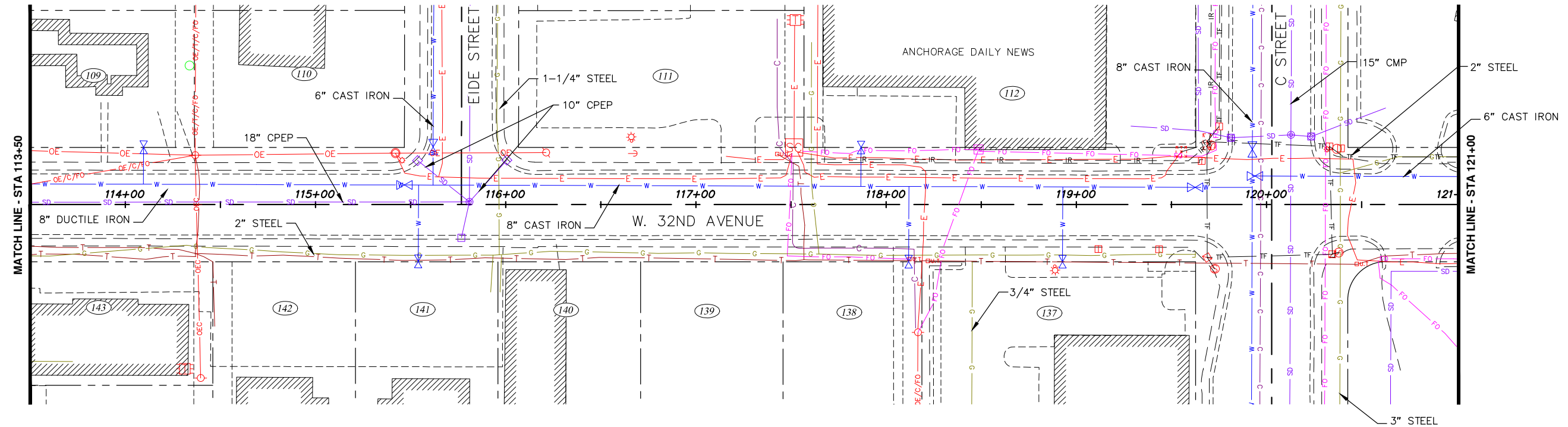
	ELECTRIC JBOX
	ELECTRIC SWITCH CABINET
	LUMINAIRE
	POWERLINE POLE
	GUY WIRE
	ELECTRIC JUNCTION BOX TYPE 3
	TRAFFIC SIGNAL POLE
	TELEPHONE VAULT
	LOAD CENTER
	TRAFFIC CONTROLLER CABINET
	JUNCTION BOX TYPE 1 (LIGHTING/TRAFFIC)
	JUNCTION BOX TYPE 2 (LIGHTING/TRAFFIC)
	TRANSFORMER
	ELECTRIC MANHOLE
	PARCEL NUMBER

30' 0 30' 60'



PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT				
16-29		W. 32ND AVE & E. 33RD AVE UPGRADES SPENARD ROAD TO OLD SEWARD HIGHWAY		
EXISTING UTILITIES				
</				

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EXISTING UTILITY LEGEND

S	SEWER
G	NATURAL GAS
W	WATER
SD	STORM DRAIN
SB	SUBDRAIN
FO	FIBER OPTIC
C	CABLE TELEVISION
T	TELEPHONE
E	ELECTRIC
OE	ELECTRIC (OVERHEAD)
OE/C/FO	ELECTRIC/CABLE/FIBER OPTIC (OVERHEAD)
OE/FO	ELECTRIC/FIBER OPTIC (OVERHEAD)
OEC	ELECTRIC/CABLE (OVERHEAD)
OET	ELECTRIC/TELEPHONE (OVERHEAD)
OE/T/C/FO	ELECTRIC/TELEPHONE/CABLE/FIBER OPTIC (OVERHEAD)
TF	TRAFFIC LINE

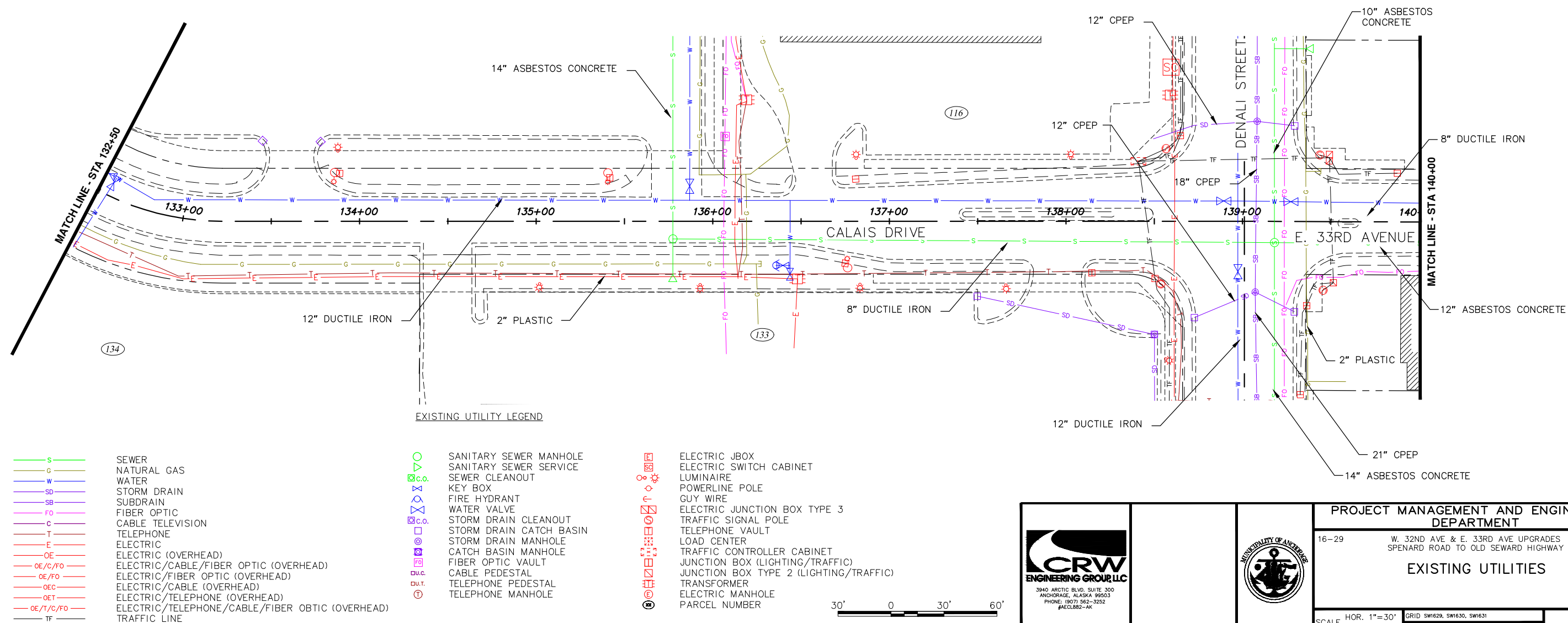
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□	STORM DRAIN CLEANOUT
□	STORM DRAIN CATCH BASIN
□	STORM DRAIN MANHOLE
□	CATCH BASIN MANHOLE
□	FIBER OPTIC VAULT
□	CABLE PEDESTAL
□	TELEPHONE PEDESTAL
○	TELEPHONE MANHOLE

⊠	ELECTRIC JBOX
⊠	ELECTRIC SWITCH CABINET
⊠	LUMINAIRE
⊠	POWERLINE POLE
⊠	GUY WIRE
⊠	ELECTRIC JUNCTION BOX TYPE 3
⊠	TRAFFIC SIGNAL POLE
⊠	TELEPHONE VAULT
⊠	LOAD CENTER
⊠	TRAFFIC CONTROLLER CABINET
⊠	JUNCTION BOX (LIGHTING/TRAFFIC)
⊠	JUNCTION BOX TYPE 2 (LIGHTING/TRAFFIC)
⊠	TRANSFORMER
⊠	ELECTRIC MANHOLE
⊠	PARCEL NUMBER



PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT				
16-29		W. 32ND AVE & E. 33RD AVE UPGRADES SPENARD ROAD TO OLD SEWARD HIGHWAY		
EXISTING UTILITIES				
SCALE	HOR. 1"=30'	GRID SW1629, SW1630, SW1631		A5 of A9
	VER. N/A	DATE MAR 2019	STATUS DSR	
			SHEET	A9

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S	SEWER
G	NATURAL GAS
W	WATER
SD	STORM DRAIN
SB	SUBDRAIN
FO	FIBER OPTIC
C	CABLE TELEVISION
T	TELEPHONE
E	ELECTRIC
OE	ELECTRIC (OVERHEAD)
OE/C/FO	ELECTRIC/CABLE/FIBER OPTIC (OVERHEAD)
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OET	ELECTRIC/TELEPHONE (OVERHEAD)
OE/T/C/FO	ELECTRIC/TELEPHONE/CABLE/FIBER OPTIC (OVERHEAD)
TF	TRAFFIC LINE

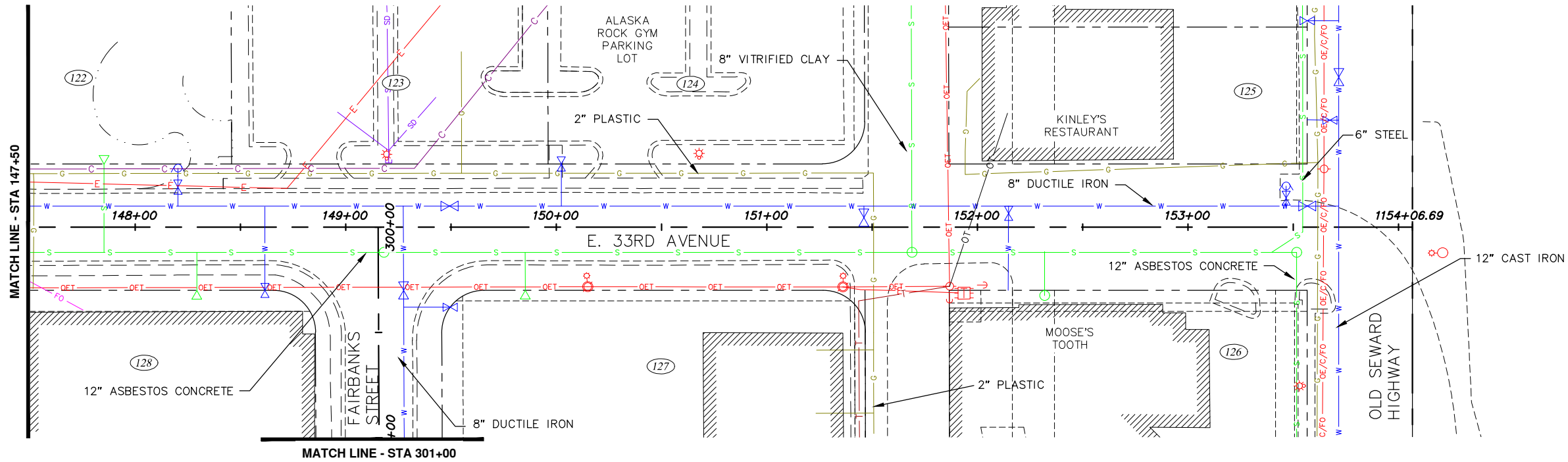
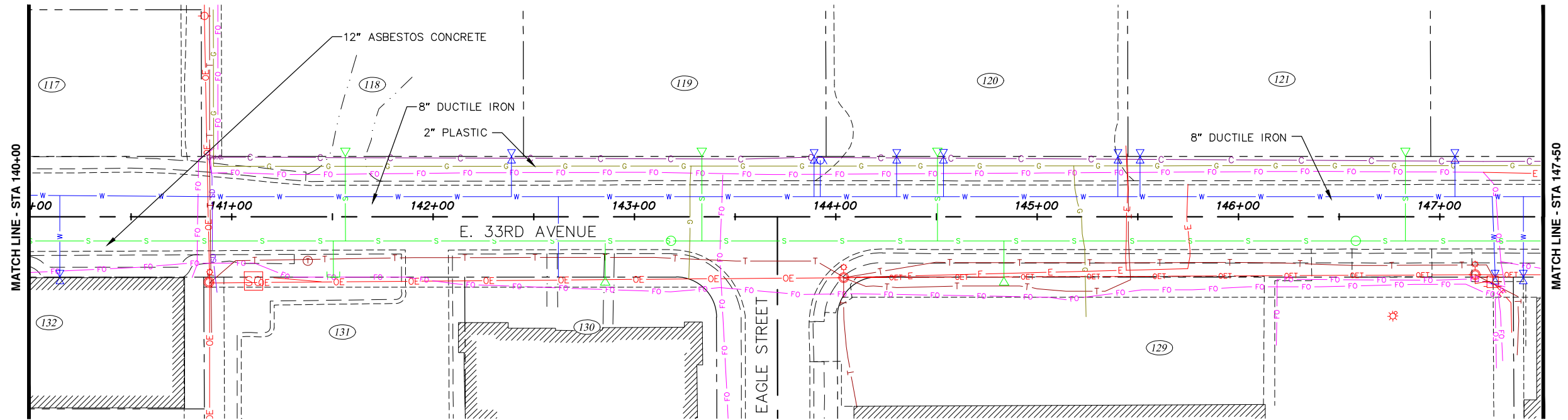
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○	SEWER CLEANOUT
○	KEY BOX
○	FIRE HYDRANT
○	WATER VALVE
○	STORM DRAIN CLEANOUT
○	STORM DRAIN CATCH BASIN
○	STORM DRAIN MANHOLE
○	CATCH BASIN MANHOLE
○	FIBER OPTIC VAULT
○	CABLE PEDESTAL
○	TELEPHONE PEDESTAL
○	TELEPHONE MANHOLE

□	ELECTRIC JBOX
□	ELECTRIC SWITCH CABINET
□	LUMINAIRE
□	POWERLINE POLE
□	GUY WIRE
□	ELECTRIC JUNCTION BOX TYPE 3
□	TRAFFIC SIGNAL POLE
□	TELEPHONE VAULT
□	LOAD CENTER
□	TRAFFIC CONTROLLER CABINET
□	JUNCTION BOX (LIGHTING/TRAFFIC)
□	JUNCTION BOX TYPE 2 (LIGHTING/TRAFFIC)
□	TRANSFORMER
□	ELECTRIC MANHOLE
□	PARCEL NUMBER



PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT			
16-29		W. 32ND AVE & E. 33RD AVE UPGRADES SPENARD ROAD TO OLD SEWARD HIGHWAY	
EXISTING UTILITIES			
SCALE	HOR. 1"=30'	GRID SW1629, SW1630, SW1631	A6 ^{of} A9
	VER. N/A	DATE MAR 2019 STATUS DSR	
SHEET			

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EXISTING UTILITY LEGEND

S	SEWER
G	NATURAL GAS
W	WATER
SD	STORM DRAIN
SB	SUBDRAIN
FO	FIBER OPTIC
C	CABLE TELEVISION
T	TELEPHONE
E	ELECTRIC
OE	ELECTRIC (OVERHEAD)
OE/C/FO	ELECTRIC/CABLE/FIBER OPTIC (OVERHEAD)
OE/FO	ELECTRIC/FIBER OPTIC (OVERHEAD)
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OET	ELECTRIC/TELEPHONE (OVERHEAD)
OE/T/C/FO	ELECTRIC/TELEPHONE/CABLE/FIBER OPTIC (OVERHEAD)
TF	TRAFFIC LINE

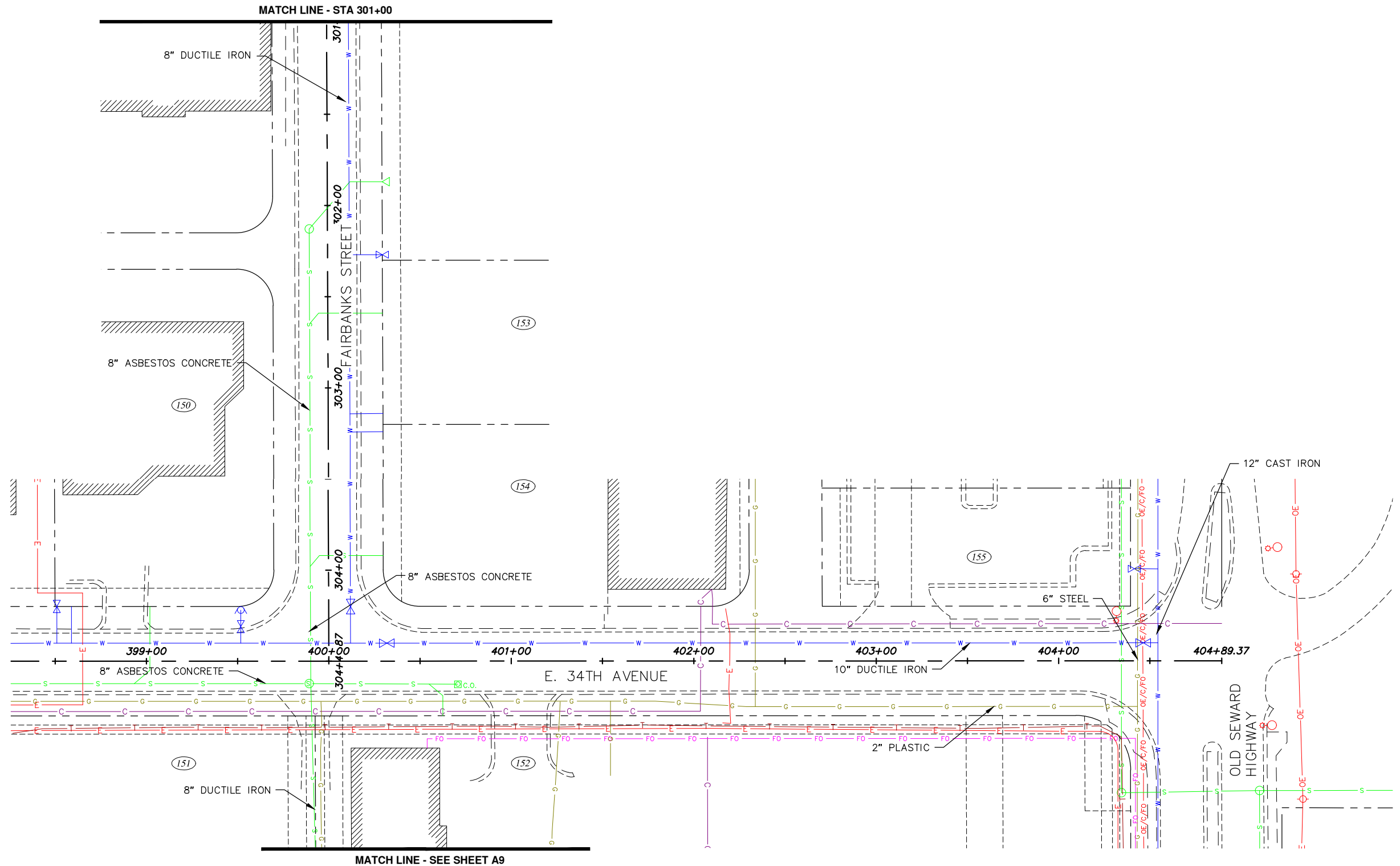
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⊗	SEWER CLEANOUT
⊕	KEY BOX
⊗	FIRE HYDRANT
⊗	WATER VALVE
⊗	STORM DRAIN CLEANOUT
⊗	STORM DRAIN CATCH BASIN
⊗	STORM DRAIN MANHOLE
⊗	CATCH BASIN MANHOLE
⊗	FIBER OPTIC VAULT
⊗	CABLE PEDESTAL
⊗	TELEPHONE PEDESTAL
⊗	TELEPHONE MANHOLE

⊗	ELECTRIC JBOX
⊗	ELECTRIC SWITCH CABINET
⊗	LUMINAIRE
⊗	POWERLINE POLE
⊗	GUY WIRE
⊗	ELECTRIC JUNCTION BOX TYPE 3
⊗	TRAFFIC SIGNAL POLE
⊗	TELEPHONE VAULT
⊗	LOAD CENTER
⊗	TRAFFIC CONTROLLER CABINET
⊗	JUNCTION BOX (LIGHTING/TRAFFIC)
⊗	JUNCTION BOX TYPE 2 (LIGHTING/TRAFFIC)
⊗	TRANSFORMER
⊗	ELECTRIC MANHOLE
⊗	PARCEL NUMBER



PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT			
16-29		W. 32ND AVE & E. 33RD AVE UPGRADES SPENARD ROAD TO OLD SEWARD HIGHWAY	
EXISTING UTILITIES			
SCALE	HOR. 1"=30'	GRID SW1629, SW1630, SW1631	A7 of A9 SHEET
	VER. N/A	DATE MAR 2019 STATUS DSR	

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S	SEWER
G	NATURAL GAS
W	WATER
SD	STORM DRAIN
SB	SUBDRAIN
FO	FIBER OPTIC
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OET	ELECTRIC/TELEPHONE (OVERHEAD)
OE/T/C/FO	ELECTRIC/TELEPHONE/CABLE/FIBER OPTIC (OVERHEAD)
TF	TRAFFIC LINE

EXISTING UTILITY LEGEND

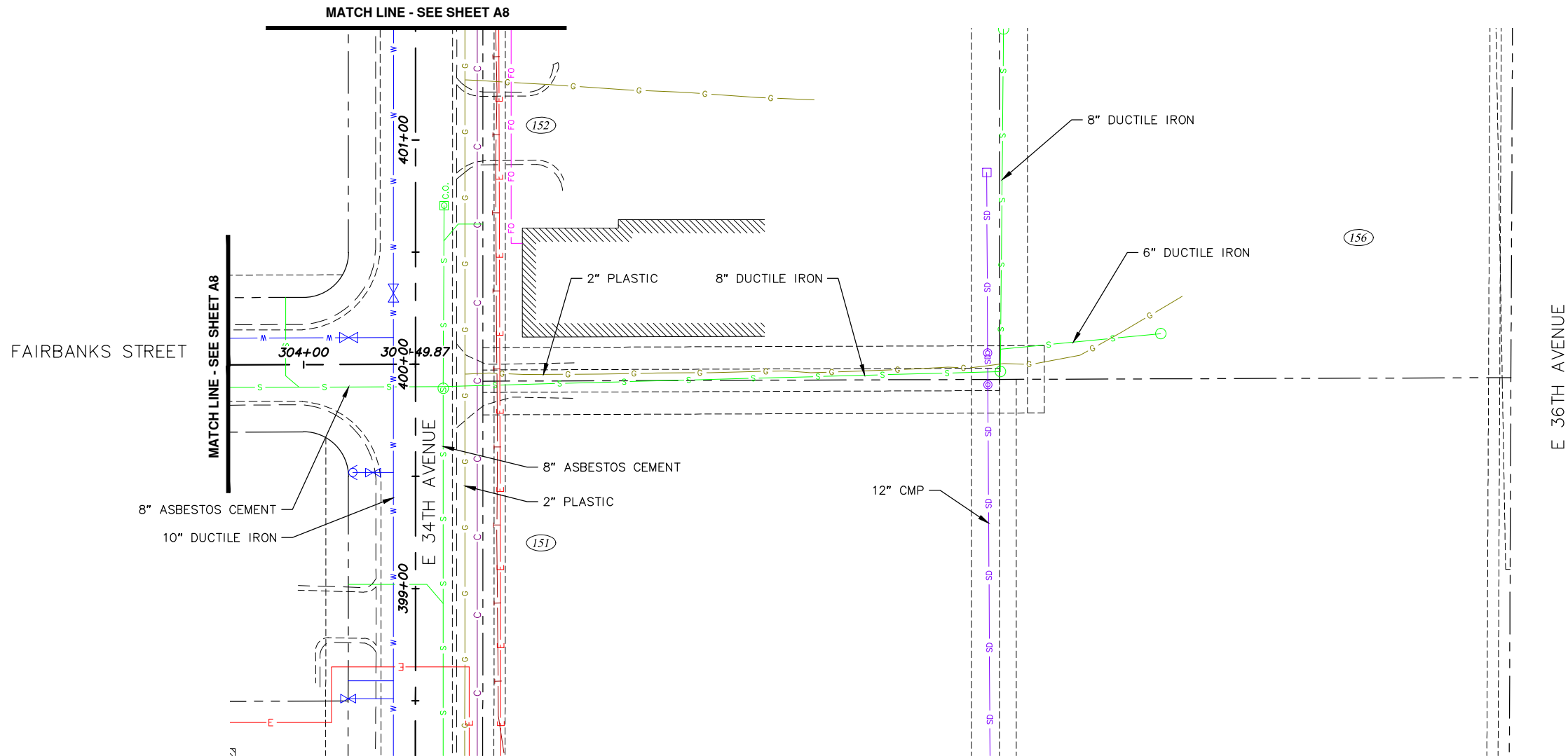
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□	WATER VALVE
△	STORM DRAIN CLEANOUT
□	STORM DRAIN CATCH BASIN
△	STORM DRAIN MANHOLE
□	CATCH BASIN MANHOLE
△	FIBER OPTIC VAULT
□	CABLE PEDESTAL
△	TELEPHONE PEDESTAL
○	TELEPHONE MANHOLE

□	ELECTRIC JBOX
□	ELECTRIC SWITCH CABINET
□	LUMINAIRE
□	POWERLINE POLE
□	GUY WIRE
□	ELECTRIC JUNCTION BOX TYPE 3
□	TRAFFIC SIGNAL POLE
□	TELEPHONE VAULT
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□	TRANSFORMER
□	ELECTRIC MANHOLE
□	PARCEL NUMBER



PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT			
16-29		W. 32ND AVE. & E. 33RD AVE UPGRADES SPENARD ROAD TO OLD SEWARD HIGHWAY	
EXISTING UTILITIES			
SCALE	HOR. 1"=30'	GRID SW1629, SW1630, SW1631	
	VER. N/A	DATE MAR 2019	STATUS DSR
SHEET			A8 of A9

File: s:\webdata\10138.00 W 32nd And E 33rd Avenue Upgrade\00 CADD\02 Figures\01 DSR\Existing Utilities.dwg



EXISTING UTILITY LEGEND

	SEWER
	NATURAL GAS
	WATER
	STORM DRAIN
	SUBDRAIN
	FIBER OPTIC
	CABLE TELEVISION
	TELEPHONE
	ELECTRIC
	ELECTRIC (OVERHEAD)
	ELECTRIC/CABLE/FIBER OPTIC (OVERHEAD)
	ELECTRIC/FIBER OPTIC (OVERHEAD)
	ELECTRIC/CABLE (OVERHEAD)
	ELECTRIC/TELEPHONE (OVERHEAD)
	ELECTRIC/TELEPHONE/CABLE/FIBER OPTIC (OVERHEAD)
	TRAFFIC LINE

	SANITARY SEWER MANHOLE
	SANITARY SEWER SERVICE
	SEWER CLEANOUT
	KEY BOX
	FIRE HYDRANT
	WATER VALVE
	STORM DRAIN CLEANOUT
	STORM DRAIN CATCH BASIN
	STORM DRAIN MANHOLE
	CATCH BASIN MANHOLE
	FIBER OPTIC VAULT
	CABLE PEDESTAL
	TELEPHONE PEDESTAL
	TELEPHONE MANHOLE

	ELECTRIC JBOX
	ELECTRIC SWITCH CABINET
	LUMINAIRE
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	ELECTRIC JUNCTION BOX TYPE 3
	TRAFFIC SIGNAL POLE
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	JUNCTION BOX (LIGHTING/TRAFFIC)
	JUNCTION BOX TYPE 2 (LIGHTING/TRAFFIC)
	TRANSFORMER
	ELECTRIC MANHOLE
	PARCEL NUMBER



3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
FAECLE882-AK

CONSULTANT



PROJECT MANAGEMENT AND ENGINEERING
DEPARTMENT

16-29 W. 32ND AVE & E. 33RD AVE UPGRADES
SPENARD ROAD TO OLD SEWARD HIGHWAY

EXISTING UTILITIES

SCALE	HOR. 1"=30'	GRID SW1629, SW1630, SW1631
VER.	N/A	DATE MAR 2019 STATUS DSR

SHEET **A9** of **A9**