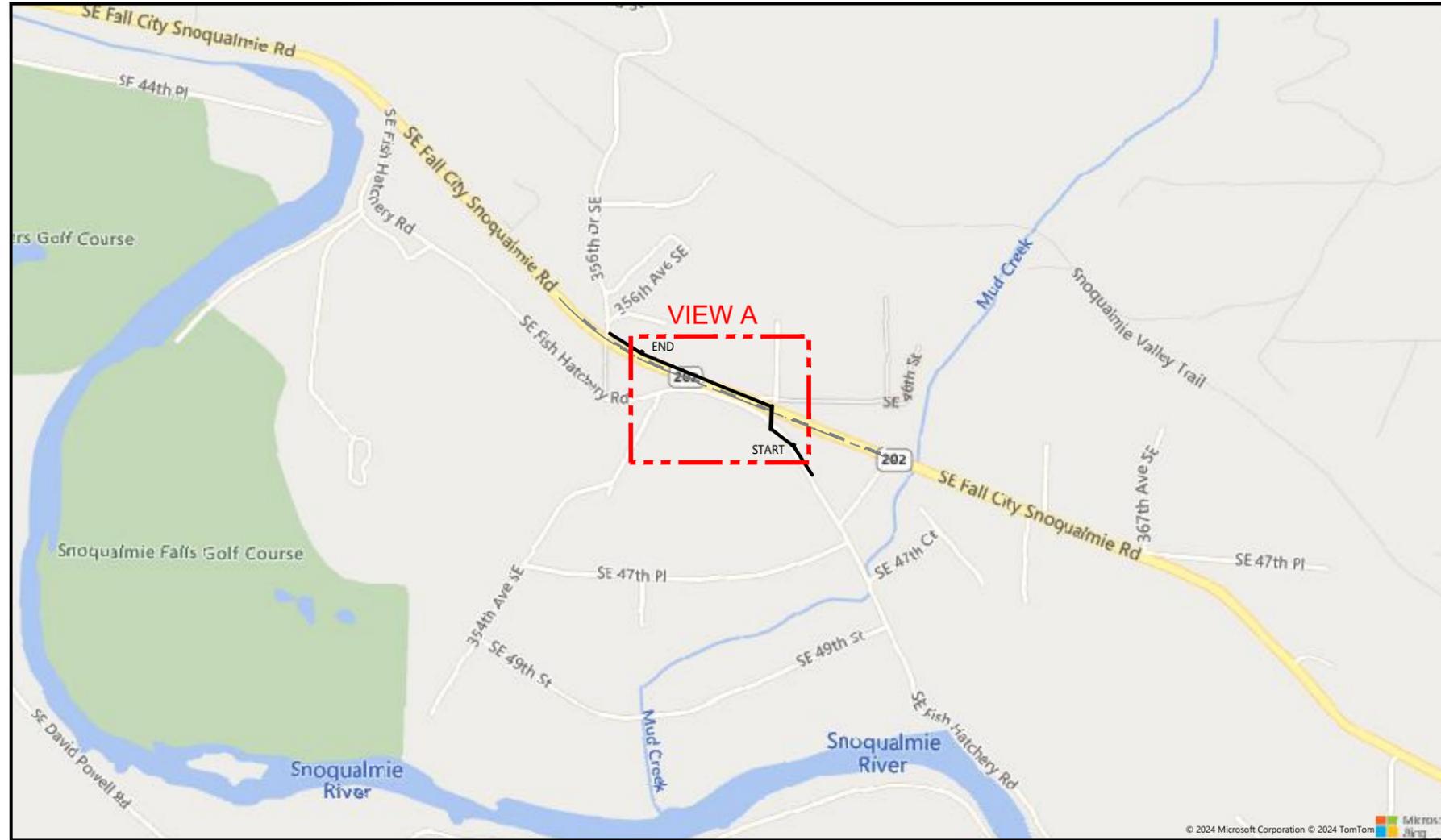


ADDRESS: 36017 SE FISH HATCHERY RD, FALL CITY, WA 98024
 PROJECT NAME: SKUNK CREEK UTILITY RELO - PHASE 1 - PLANS



SITE LOCATION

CONTACTS

SNOQUALMIE VALLEY SCHOOL DISTRICT:
 RYAN VANNATTA
 PO BOX 400
 SNOQUALMIE, WA 98065
 T. 425.831.4216
 VANNATTAR@SVSD410.ORG

JOHN SHAFER
 MGC TECHNICAL CONSULTING, INC.
 15635 NE 90TH ST, #210 NE
 REDMOND, WA 98052
 C.206.307.4834
 JSHAF@MGCTECHNICAL.COM

SHEET INDEX

1. COVER SHEET / SITE LOCATION
2. LEGEND
3. GENERAL NOTES WSDOT
4. GENERAL NOTES KING COUNTY
5. DESIGN VIEW A
6. AERIAL TYPICALS

SCOPE OF WORK:

IN ORDER TO PREPARE OVERHEAD CLEARANCES FOR EQUIPMENT NEEDED FOR THE WSDOT FISH PASSAGE PROJECT AT SKUNK CREEK, SVSD CONTRACTOR WILL PERFORM THE FOLLOWING:

1. DE-LASH AND RE-LOCATE SVSD AERIAL 24F FIBER FROM PSE POLE 220609-174882 WEST TO PSE POLE 220670 -174578. TEMPORARILY COIL AND HANG FIBER AT PSE POLE 220670 -174578.
2. REMOVE ALL SVSD AERIAL STRAND AND POLE LINE HARDWARE ALONG ROUTE AS SHOWN.
3. REMOVE SVSD DOWN GUYS IN (3) LOCATIONS.



Know what's below.
 Call before you dig.



0 500' 1000'
 SCALE: 1"=1000'

3				AS-BUILT
2				REVISION # 1
1	2/28/24	JS	CH	ORIGINAL
NO.	DATE	ENGINEER	DRAFTER	COMMENT



SVSD ENGINEER: RYAN VANNATTA
 ENGINEERING FIRM: MGC TECHNICAL CONSULTING INC.
 PROJECT NAME: SKUNK CREEK UTILITY RELO - PHASE 1
 LOCATION: 36017 SE FISH HATCHERY RD
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 PERMIT NUMBER: XXXXXX
 DRAWING NAME: SVSD - FISH PASSAGE - SE FISH HATCHERY RD - AE - PLANS.dwg
 CONFIDENTIAL/PROPRIETARY SHEET: 1 OF 5

LEGEND

LINETYPES

	AERIAL FIBER - EXISTING
	AERIAL FIBER - ATTACH
	AERIAL FIBER - OVERLASH
	STRAND - EXISTING
	STRAND - PROPOSED
	REMOVE CABLE/STRAND
	CONDUIT - EXISTING
	CONDUIT - PROPOSED
	INNERDUCT - EXISTING
	INNERDUCT - PROPOSED
	GAS
	WATER
	TELEPHONE
	FIBER OPTIC
	ELECTRIC
	SANITARY SEWER (SEW)
	STORM DRAIN
	CABLE TV
	STEAM
	OIL
	UNKNOWN UTILITY
	FENCE
	RIGHT OF WAY
	EDGE OF PAVEMENT

ABBREVIATIONS

ASW	ASPHALT SIDEWALK
BIP	BLACK IRON PIPE
BSP	BLACK STEEL PIPE
CSW	CONCRETE SIDEWALK
ELECT.	ELECTRIC
EOP	EDGE OF PAVEMENT
EOTW	EDGE OF TRAVEL WAY
FOC	FACE OF CURB
F/O	FIBER OPTIC
HDPE	HIGH DENSITY POLYETHYLENE
HH	HANDHOLE
JB	JUNCTION BOX
MH	MANHOLE
MP	MILE POST
O/S	OFFSET
PR	POWER RISER
PVC	POLY VINYL CHLORIDE
RGS	RIGID GALVANIZED STEEL CONDUIT
ROW	RIGHT OF WAY
SEW	SANITARY SEWER
SD	STORM DRAIN
STA.	STATION
STM	STEAM
TEL	TELECOM

SYMBOLS

	RISER - EXISTING		TRANSMISSION/DISTRIBUTION POLE
	RISER - PROPOSED		TRANSMISSION POLE
	CATCH BASIN/INLET (RECTANGULAR)		DISTRIBUTION POLE
	CATCH BASIN/INLET (ROUND)		GROUND/BOND
	FIRE HYDRANT		AERIAL STORAGE - EXISTING
	WATER/GAS VALVE		AERIAL STORAGE - PROPOSED
	LIGHT POST		VAULT/BUILDING STORAGE - EXISTING
	STREET LIGHT		VAULT/BUILDING STORAGE - PROPOSED
	TRAFFIC LIGHT ARM		POLE ANCHOR/DOWN GUY - EXISTING
	TREE		POLE ANCHOR/DOWN GUY - PROPOSED
	CULVERT		DOWN GUY TO EXISTING ANCHOR - PROPOSED
	WING WALL		SPLICE POINT - EXISTING
	BRIDGE		SPLICE POINT - PROPOSED
	STREET SIGN		TERMINATION - EXISTING
	ADA RAMP		TERMINATION - PROPOSED
	UTILITY POLE - OLD POLE TO REMOVE		PULLBOX - EXISTING
	UTILITY POLE - NEW POLE SET BY OTHERS		PULLBOX - PROPOSED
	TRAFFIC RATED VAULT - EXISTING (SIZE AND UTILITY TYPE MAY VARY)		CONSTRUCTION NOTE / RESTORATION CALLOUT
	TRAFFIC RATED VAULT - PROPOSED (SIZE MAY VARY)		PHOTO-MARKER
	HANDHOLE - EXISTING (SIZE AND UTILITY TYPE MAY VARY)		NORTH ARROW
	HANDHOLE - PROPOSED (SIZE MAY VARY)		
	PEDESTAL - EXISTING (SIZE AND UTILITY TYPE MAY VARY)		
	PEDESTAL - PROPOSED (SIZE MAY VARY)		
	WET UTILITY MANHOLE - EXISTING (SIZE AND UTILITY TYPE MAY VARY)		
	BORE PIT - PROPOSED (SIZE MAY VARY)		
	UTILITY POTHOLE		

INFORMATION TABLES

POLE NUMBER	#	UTILITY POLE INFORMATION TABLE (NUMBER OF ATTACHMENTS MAY VARY)
EXISTING UTILITY	0'-0"	
PROPOSED ATTACH	0'-0"	

#F	IN:	SEQUENTIAL IN/OUT CALLOUT
	OUT:	

#F	IN:	SEQUENTIAL IN/TAILOUT CALLOUT
	TAIL:	

#F	TAIL:	SEQUENTIAL TAIL/OUT CALLOUT
	OUT:	

HATCH PATTERNS



CONCRETE SIDEWALK



GRASS/VEGETATION



GRAVEL



WATER



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WSDOT GENERAL NOTES

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1. ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION OF UTILITY IMPROVEMENTS SHALL MEET OR EXCEED SITE WORK STANDARDS AND THE STANDARDS AND SPECIFICATIONS SET FORTH IN THE WSDOT REGULATIONS AND APPLICABLE STATE AND FEDERAL REGULATIONS. WHERE THERE IS CONFLICT BETWEEN THESE PLANS AND THE SPECIFICATIONS, OR ANY APPLICABLE STANDARDS, THE HIGHER QUALITY STANDARD SHALL APPLY. ALL WORK WITHIN PUBLIC R.O.W. OR EASEMENTS MAY REQUIRE INSPECTED AND APPROVED BY THE WSDOT INSPECTOR. INSPECTION SERVICES AND CONSTRUCTION CERTIFICATION TO BE PROVIDED BY DESIGNEE OF PROJECT SPONSOR/OWNER.
2. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES, AS SHOWN ON THESE PLANS, IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY PERTINENT LOCATIONS AND ELEVATIONS, ESPECIALLY AT THE CONNECTION POINTS AND AT POTENTIAL UTILITY CONFLICTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM ALL APPLICABLE AGENCIES. THE CONTRACTOR SHALL NOTIFY THE WSDOT INSPECTOR AT LEAST 48 HOURS PRIOR TO THE START OF ANY EARTH DISTURBING ACTIVITY OR CONSTRUCTION ON ANY AND ALL PUBLIC IMPROVEMENTS IF REQUIRED.
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5. THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE APPROVED PLANS, ONE (1) COPY OF THE APPROPRIATE STANDARDS AND SPECIFICATIONS, AND ONE (1) COPY OF ANY PERMITS AND EXTENSION AGREEMENTS NEEDED FOR THE JOB ON-SITE AT ALL TIMES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASPECTS OF SAFETY INCLUDING, BUT NOT LIMITED TO: EXCAVATION, TRENCHING, SHORING, TRAFFIC CONTROL, AND SECURITY.
7. IF, DURING THE CONSTRUCTION PROCESS, CONDITIONS ARE ENCOUNTERED BY THE CONTRACTOR, HIS SUBCONTRACTORS, OR OTHER AFFECTED PARTIES WHICH COULD INDICATE A SITUATION THAT IS NOT IDENTIFIED IN THE PLANS OR SPECIFICATIONS, THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY.
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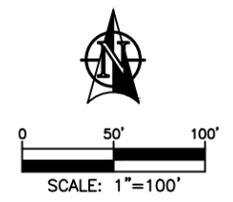
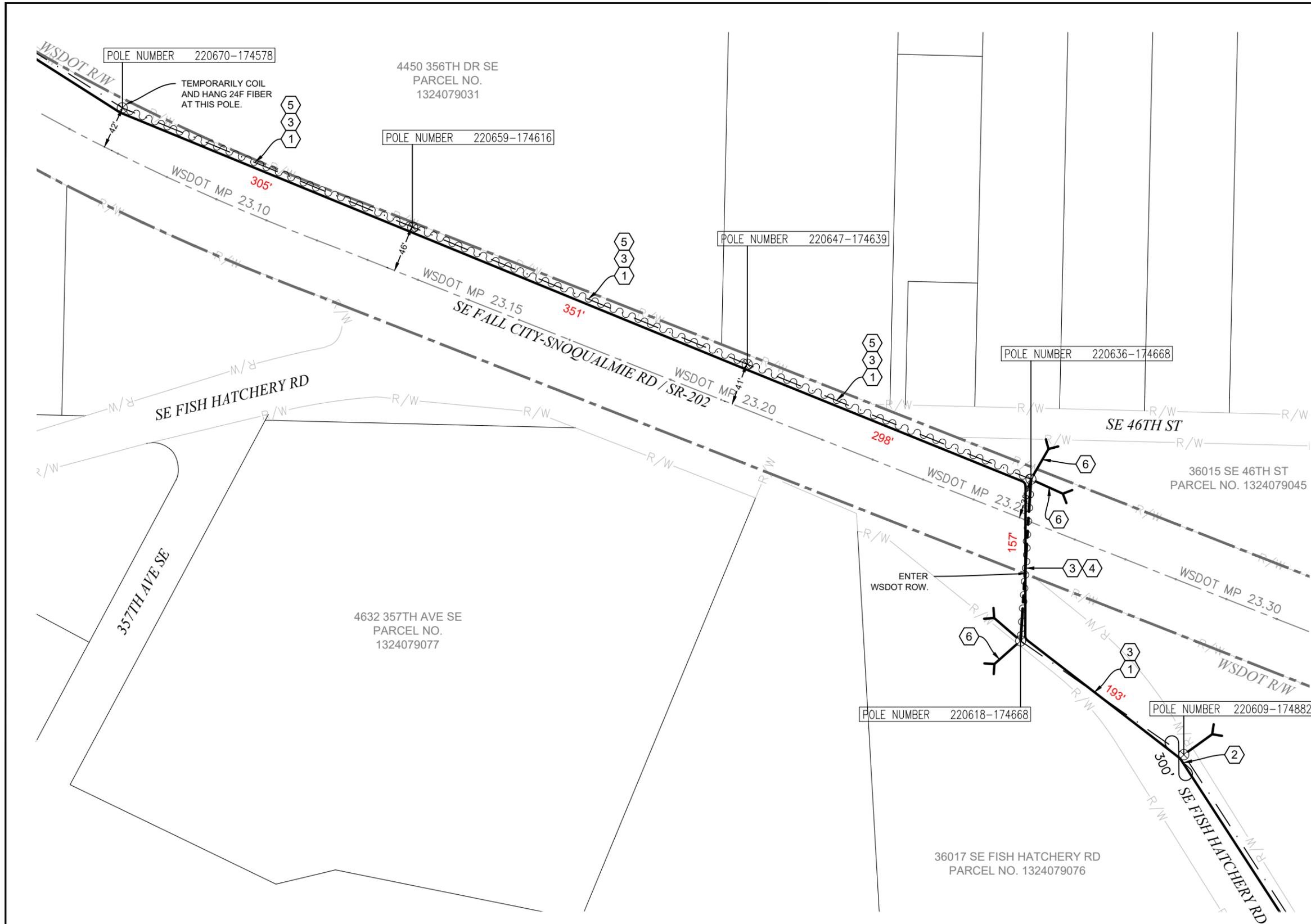
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CONFIDENTIAL/PROPRIETARY	

CONSTRUCTION NOTES

- 1 DELASH EXISTING (1) 24F SVSD AERIAL FIBER CABLE IN THIS SPAN.
- 2 CUT EXISTING 24F SVSD IN EXISTING STORAGE LOOP. LEAVE 100' STORAGE AND RE-STORE IN EXISTING SNOWSHOES.
- 3 RE-LOCATE SVSD 24F FIBER FROM PSE POLE 220609-174882 WEST TO PSE POLE 220670 -174578. TEMPORARILY COIL AND HANG FIBER AT PSE POLE 220670 -174578.
- 4 REMOVE SVSD SELF SUPPORT AERIAL INNERDUCT AND ASSOCIATED POLE LINE HARDWARE IN THIS SPAN.
- 5 REMOVE SVSD AERIAL MESSENGER STRAND AND ASSOCIATED POLE LINE HARDWARE IN THIS SPAN.
- 6 REMOVE SVSD DOWN GUY.



DESIGN VIEW A

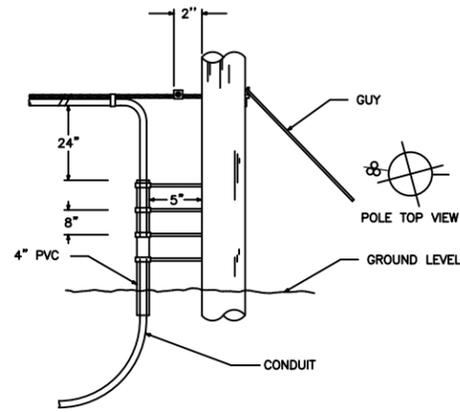
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AERIAL TYPICALS

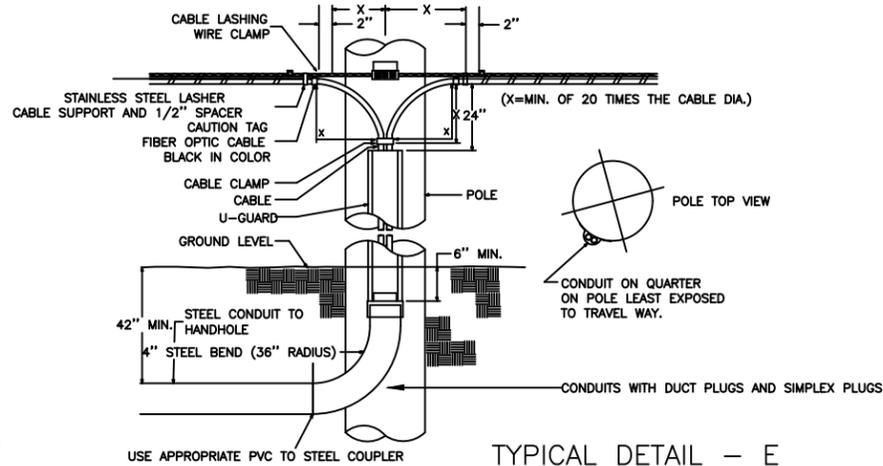
TYPICAL DETAIL - A

POLE ARRANGEMENT FOR AERIAL TO BURIED CABLE



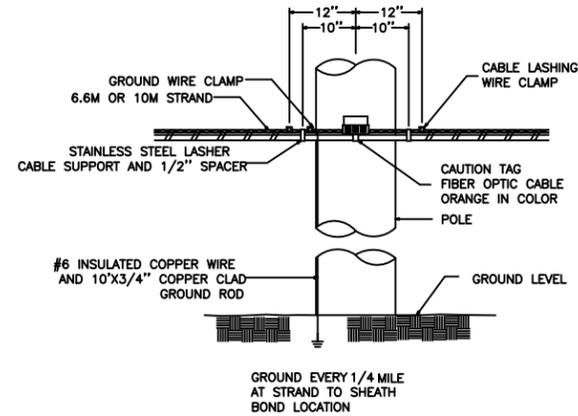
TYPICAL DETAIL - B

POLE ARRANGEMENT FOR REPEATER OR HANDHOLE LOCATION

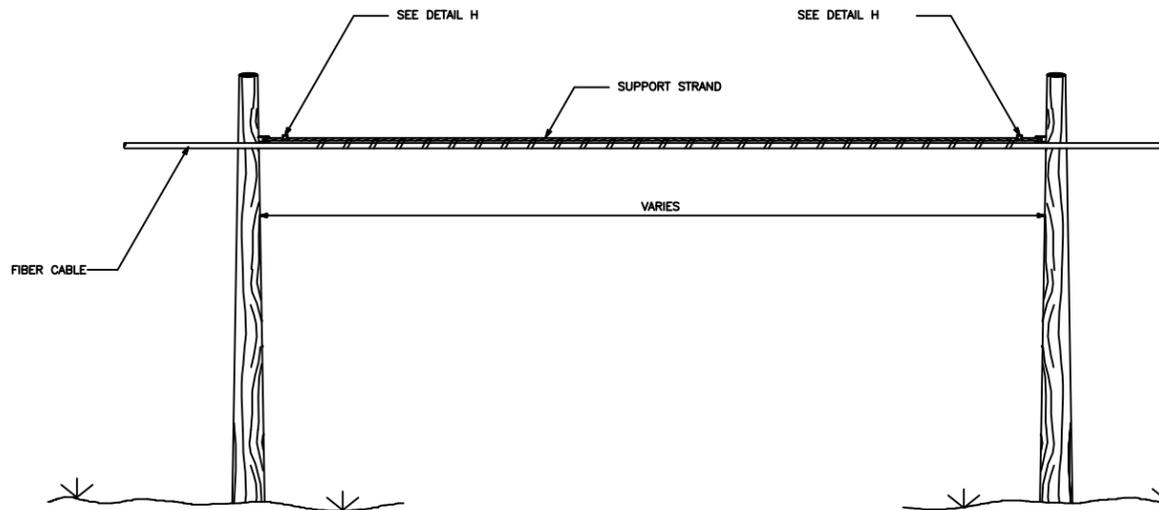


TYPICAL DETAIL - C

TYPICAL CABLE & HARDWARE INSTALLATION (6.6M STRAND \ 10M STRAND)

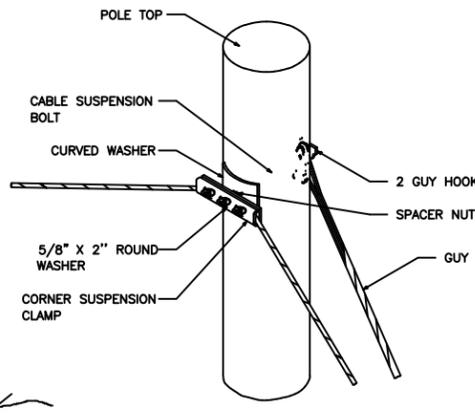


TYPICAL DETAIL - D



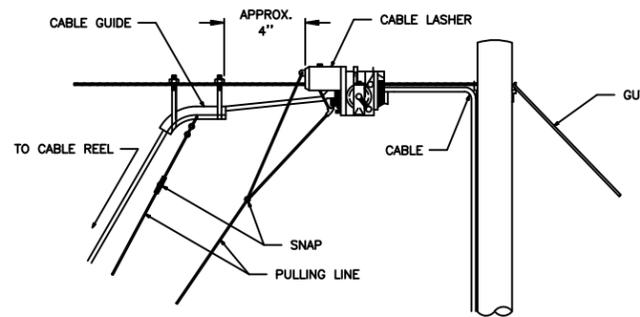
TYPICAL DETAIL - E

SUSPENSION STRAND - PULL AWAY FROM POLE - 5 FEET OR MORE



TYPICAL DETAIL - F

TYPICAL ARRANGEMENT OF CABLE LASHER AND CABLE GUIDE



TYPICAL DETAIL - G

JOINING 045 LASHING WIRE



REMOVE ANY SLACK IN THE LASHING WIRE BY MAINTAINING A PULL ON THE WIRE AND TAPPING THE STRAND SHARPLY. THEN FORM THE WIRE OVER THE STUD AND TIGHTEN THE NUT. CUT THE FREE END OF THE LASHING WIRE OFF 3/4\"

FORMING WIRE OVER STUD OF CLAMP



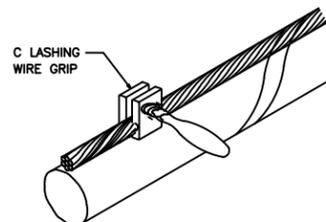
FORM THE LASHING WIRE AROUND THE STRAND AND PLACE IT BELOW THE STUD AND BETWEEN THE SECOND WASHER AND STUD SHOULDER.

FORMING LASHING WIRE AROUND STRAND

TYPICAL DETAIL - H

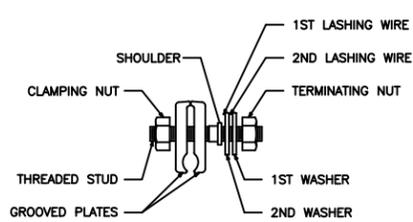
LASHING WIRE GRIP AND CLAMP

C LASHING WIRE GRIP INSTALLED ON STRAND



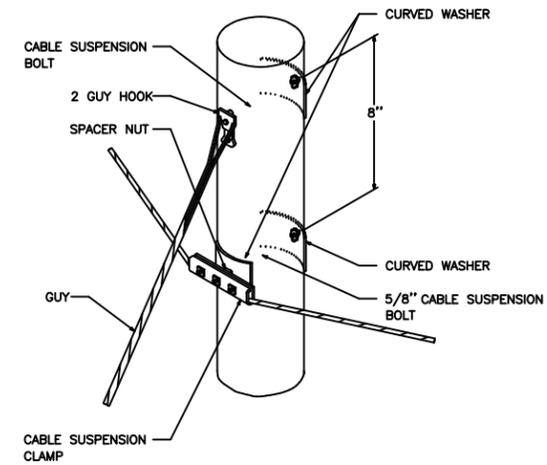
NOTE: LASHING WIRE SHOULD FOLLOW LAY OF STRAND WIRES UNDER GRIP.

D CABLE LASHING CLAMP



TYPICAL DETAIL - I

SUSPENSION STRAND - PULL TOWARD POLE - LESS THAN 5 FEET



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