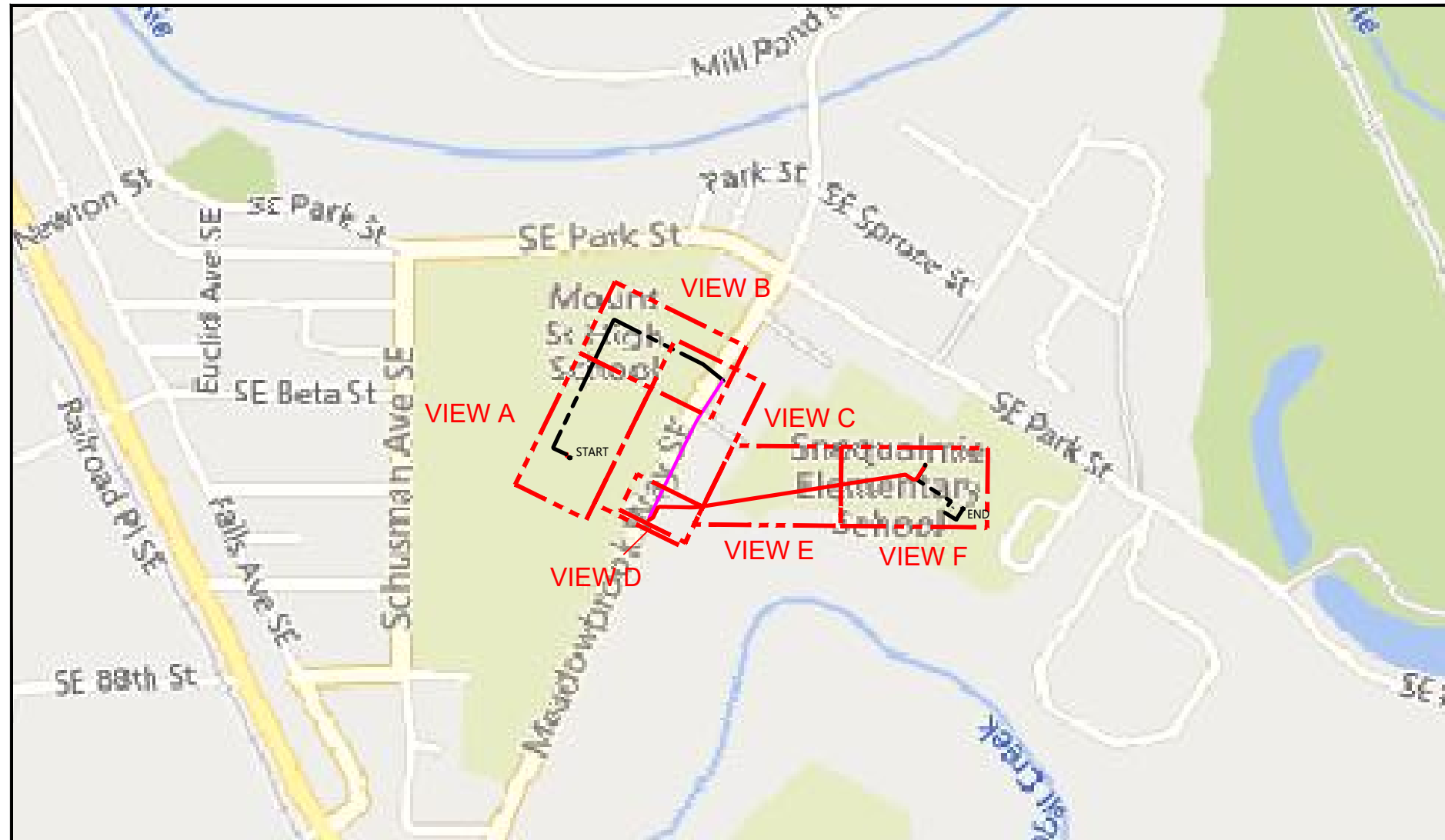


ADDRESS: 8651 MEADOWBROOK WAY SE, SNOQUALMIE, WA 98065
 PROJECT NAME: SVSD - MT SI HS TO SES DIVERSITY - PLANS



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.
 6244 185TH AVE NE
 REDMOND, WA 98052
 C.206.307.4834
 JSHAF@MGCTECHNICAL.COM

SHEET INDEX

1. COVER SHEET / SITE LOCATION
2. LEGEND
3. GENERAL NOTES
4. MT SI HS MDF PLAN
- 5-10. PLAN VIEWS A-F
11. SES GYM IDF PLAN
12. TRENCH TYPICALS
13. HANDHOLE TYPICALS
14. AERIAL TYPICALS

SCOPE OF WORK:

1. INSTALL NEW 2" RISER ON PSE POLE 219235175791 AND TRENCH NEW 2" CONDUIT TO NEW HANDHOLE NEAR AGG SCIENCES BUILDING.
2. FROM NEW HANDHOLE BORE (1) 2" CONDUIT TO SES AND INSTALL NEW HANDHOLE.
3. FROM NEW HANDHOLE AT SES TRENCH (1) 2" CONDUIT TO CRAWLSPACE BELOW GYMNASIUM BUILDING. TRANSITION ABOVE GRADE AND HANG (1) 2" CONDUIT WITHIN CRAWLSPACE TO GYM IDF.
4. INSTALL MAXXCELL INNERDUCT IN EXISTING 4" CONDUIT FROM MT SI HS MDF TO MT SI HS MEET-ME VAULT.
5. INSTALL (2) 1" INNERDUCTS FROM MEET ME TO TOP OF EXISTING 4" RISER ON PSE POLE 219287-175817.
6. PULL (1) 12F CABLE FROM MT SI HS MDF TO SES MDF THROUGH NEWLY INSTALLED PATHWAY AND EXISTING PATHWAY.
7. OVERLASH (1) 12F CABLE ALONG EXISTING SVSD AERIAL FIBER PLANT.
8. INSTALL DETECTABLE MULE TAPE IN ALL NEW UNDERGROUND PATHWAYS.
9. TERMINATE 12F AT MT SI HIGH SCHOOL MDF WITH CORE ALIGNMENT FUSION SPLICER AND CORNING LC APC CASSETTE IN EXISTING FIBER TERMINATION PANEL.
10. INSTALL NEW 1U FIBER TERMINATION PANEL IN SES MDF. RE-TERMINATE EXISTING WAN FIBER CABLE. TERMINATE NEW 12F CABLE.



Know what's below.
 Call before you dig.



0 250' 500'
 SCALE: 1"=500'

3				AS-BUILT
2	1/21/26	JLS	JLS	REVISION # 1
1	12/1/25	GD	JR	ORIGINAL
NO.	DATE	ENGINEER	DRAFTER	COMMENT



SNOQUALMIE SCHOOL DISTRICT ENGINEER: RYAN VANNATTA
 ENGINEERING FIRM: MGC TECHNICAL CONSULTING INC.
 PROJECT NAME: SVSD - MT SI HS TO SES DIVERSITY
 LOCATION: 8651 MEADOWBROOK WAY SE
 SNOQUALMIE, WA 98065
 PERMIT NUMBER:
 DRAWING NAME: SVSD - MT SI HS TO SES DIVERSITY - PLANS.dwg
 CONFIDENTIAL/PROPRIETARY SHEET: 1 OF 14

LEGEND

LINETYPES

	AERIAL FIBER - EXISTING
	AERIAL FIBER - ATTACH
	AERIAL FIBER - OVERLASH
	STRAND - EXISTING
	STRAND - PROPOSED
	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 - EXISTING		PULLBOX - EXISTING
	UTILITY POLE - PROPOSED		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

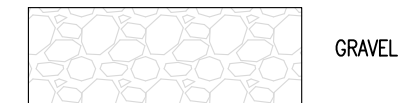
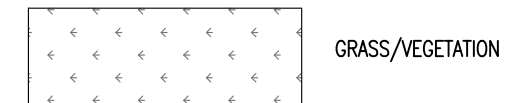
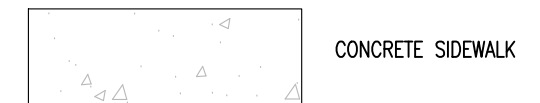
POLE NUMBER	#	UTILITY POLE INFORMATION TABLE (NUMBER OF ATTACHMENTS MAY VARY)
EXISTING UTILITY	0'-0"	
PROPOSED ATTACH	0'-0"	

#F	IN:	SEQUENTIAL IN/OUT CALLOUT
	OUT:	

#F	IN:	SEQUENTIAL IN/TAILOUT CALLOUT
	TAIL:	

#F	TAIL:	SEQUENTIAL TAIL/OUT CALLOUT
	OUT:	

HATCH PATTERNS



Know what's below.
Call before you dig.

3				AS-BUILT
2	1/21/26	JLS	JLS	REVISION # 1
1	12/1/25	GD	JR	ORIGINAL
NO.	DATE	ENGINEER	DRAFTER	COMMENT



SNOQUALMIE SCHOOL DISTRICT ENGINEER: RYAN VANNATTA	
ENGINEERING FIRM: MGC TECHNICAL CONSULTING INC.	
PROJECT NAME: SVSD - MT SI HS TO SES DIVERSITY	
LOCATION: 8651 MEADOWBROOK WAY SE SNOQUALMIE, WA 98065	
PERMIT NUMBER:	
DRAWING NAME: SVSD - MT SI HS TO SES DIVERSITY - PLANS.dwg	
CONFIDENTIAL/PROPRIETARY	

GENERAL NOTES

GENERAL NOTES:

The locations of utilities shown on these drawing are only approximate. MGC TECHNICAL CONSULTING, INC. hereby disclaims any responsibility to third parties for the accuracy of this information. Persons working in the area covered by this drawing must contact the statewide Call-Before-You-Dig System to ascertain the location of underground utilities prior to performing any excavation.

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 CITY OF SNOQUALMIE 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 CITY OF SNOQUALMIE 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 CITY OF SNOQUALMIE INSPECTOR AT LEAST 48 HOURS PRIOR TO THE START OF ANY EARTH DISTURBING ACTIVITY OR CONSTRUCTION ON ANY AND ALL PUBLIC IMPROVEMENTS IF REQUIRED.
4. THE CONTRACTOR SHALL COORDINATE AND COOPERATE WITH THE CITY OF SNOQUALMIE AND ALL UTILITY COMPANIES WITH REGARD TO RELOCATIONS OR ADJUSTMENTS OF EXISTING UTILITIES DURING CONSTRUCTION, TO ASSURE THAT THE WORK IS ACCOMPLISHED IN A TIMELY FASHION, AND WITH A MINIMUM DISRUPTION OF SERVICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL PARTIES AFFECTED BY ANY DISRUPTION OF ANY UTILITY SERVICE.
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.
8. ALL REFERENCES TO ANY PUBLISHED STANDARDS SHALL REFER TO THE LATEST REVISION OF SAID STANDARD, UNLESS SPECIFICALLY STATED OTHERWISE.
9. FOR WORK AFFECTING PUBLIC ROADWAYS OR IF REQUIRED BY THE CITY OF SNOQUALMIE, THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL AND PHASING PLAN IN ACCORDANCE WITH M.U.T.C.D. FOR APPROVAL. PRIOR TO ANY CONSTRUCTION ACTIVITIES WITHIN OR AFFECTING THE RIGHT-OF-WAY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ANY AND ALL TRAFFIC CONTROL DEVICES AS MAY BE REQUIRED BY SAID PLANS. PRIOR TO INSTALLATION A PRECONSTRUCTION CONFERENCE SHALL BE HELD WITH CITY OF SNOQUALMIE.
10. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LABOR AND MATERIALS NECESSARY FOR THE COMPLETION OF THE INTENDED IMPROVEMENTS SHOWN ON THESE DRAWINGS OR DESIGNATED TO BE PROVIDED, INSTALLED, CONSTRUCTED, REMOVED OR RELOCATED UNLESS SPECIFICALLY NOTED OTHERWISE.
11. PER AGENCY STANDARDS THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ROADWAYS FREE AND CLEAR OF ALL CONSTRUCTION DEBRIS AND DIRT TRACKED FROM THE SITE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECORDING RECORD INFORMATION ON A SET OF RECORD DRAWINGS KEPT AT THE CONSTRUCTION SITE AND AVAILABLE TO THE CITY OF SNOQUALMIE INSPECTOR AT ALL TIMES.
13. DIMENSIONS FOR LAYOUT AND CONSTRUCTION ARE NOT TO BE SCALED FROM ANY DRAWING. FOR ADDITIONAL INFORMATION CONTACT THE ENGINEER FOR CLARIFICATION AND NOTE ON THE RECORD DRAWINGS.
14. ALL EROSION AND SEDIMENT CONTROL (E.S.C.) MEASURES SHALL BE INSTALLED AT THE LIMITS OF CONSTRUCTION PRIOR TO GROUND DISTURBING ACTIVITY. ALL E.S.C. MEASURES SHALL BE MAINTAINED IN GOOD REPAIR BY THE CONTRACTOR UNTIL SUCH TIME AS THE ENTIRE DISTURBED AREAS ARE STABILIZED WITH HARD SURFACE OR LANDSCAPING.
15. ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY IS SUBJECT TO THE JURISDICTION OF THE CITY OF SNOQUALMIE ENGINEERING DEPARTMENT STANDARD DETAILS AND SPECIFICATIONS.
16. ALL CONSTRUCTION OPERATIONS, INCLUDING THE WARMING UP, REPAIR, ARRIVAL, DEPARTURE OR RUNNING OF TRUCKS, EARTH MOVING EQUIPMENT, CONSTRUCTION EQUIPMENT AND ANY OTHER ASSOCIATED EQUIPMENT SHALL GENERALLY BE LIMITED TO THE TIME PERIOD APPROVED BY THE CITY OF SNOQUALMIE.

CONSTRUCTION STANDARDS:

1. EACH FIBER CABLE SHALL BE TAGGED AT EACH ENDPOINT (NEAR TERMINATION PANEL), AND IN EACH VAULT / PULLBOX WITH AN OUTDOOR RATED FIBER TAG DENOTING THE FIBER TYPE AND ENDPOINTS OF THE CABLE. (EG. "12CT SMF - MDF TO IDF-300").
2. FIBER IN/OUT SEQUENTIALS SHALL BE RECORDED AT EACH PULLBOX / HANDHOLE , AT EACH TERMINATION LOCATION, AND AT EACH STORAGE LOOP. THIS SHALL BE INCLUDED IN CONTRACTOR PROVIDED AS-BUILT AT PROJECT COMPLETION
3. ALL FIBER SHALL BE TERMINATED USING A CORE ALIGNMENT FUSION SPLICER.
4. ALL FIBER STRANDS SHALL BE BI-DIRECTIONALLY OTDR TESTED AT BOTH 1310 NM & 1550 NM PER TIA-526-7. ALL NEW SPLICES & CONNECTORS SHALL BE IN COMPLIANCE WITH THE INSERTION LOSS AND RETURN LOSS VALUES SET FORTH IN ANSI/TIA-568-3.D-1 FOR REFERENCE GRADE CONNECTORS. TESTS SHALL BE PERFORMED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS FOR THE TEST SET BEING UTILIZED. OTDR TRACE RESULTS SHALL BE SUBMITTED TO SVSD IN PDF FORMAT FOR ACCEPTANCE. ANY SPLICES OR TERMINATIONS NOT MEETING SPECIFICATIONS WILL BE REQUIRED TO BE RE-SPLICED AND RE-TESTED UNTIL REQUIRED TEST VALUES ARE ACHIEVED.
5. MULE TAPE SHALL BE LEFT BEHIND IN ALL CONDUIT PATHWAYS THAT ARE PULLED THROUGH.
6. ALL NEW SLEEVES PLACED THROUGH FIRE RATED BARRIERS (WALLS/ FLOORS) SHALL BE FIRE-STOPPED WITH A TESTED/QUALIFIED FIRESTOP SYSTEM.
7. ALL NEW CABLING PASSING THROUGH UNDERGROUND CONDUITS MUST BE RATED FOR WET ENVIRONMENTS (OSP).
8. ALL NEW METALLIC PATHWAY (EMT, RMC, ETC) & METALLIC JUNCTION BOXES SHALL BE BONDED TO COMMON BUILDING ELECTRICAL SYSTEM GROUND.



Know what's below.
Call before you dig.

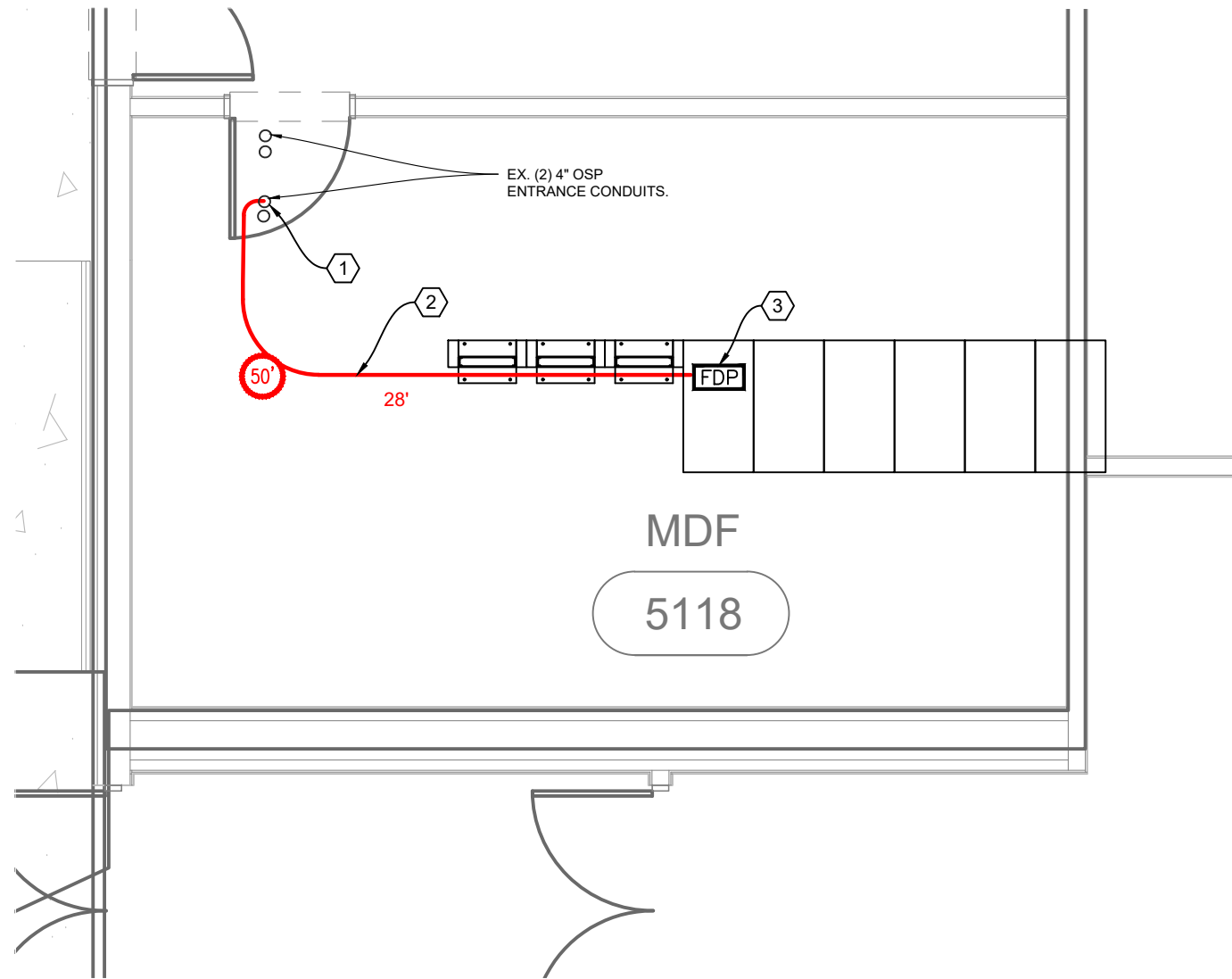
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2	1/21/26	JLS	JLS	REVISION # 1
1	12/1/25	GD	JR	ORIGINAL
NO.	DATE	ENGINEER	DRAFTER	COMMENT



SNOQUALMIE SCHOOL DISTRICT ENGINEER: RYAN VANNATTA	
ENGINEERING FIRM: MGC TECHNICAL CONSULTING INC.	
PROJECT NAME: SVSD - MT SI HS TO SES DIVERSITY	
LOCATION: 8651 MEADOWBROOK WAY SE SNOQUALMIE, WA 98065	
PERMIT NUMBER:	
DRAWING NAME: SVSD - MT SI HS TO SES DIVERSITY - PLANS.dwg	
CONFIDENTIAL/PROPRIETARY	

CONSTRUCTION NOTES

- 1 EXISTING 4" CONDUIT. INSTALL (1) 2" DETECTABLE 3-CELL MAXCELL EDGE INNERDUCT. PULL (1) 12F CABLE THROUGH.
- 2 INSTALL FIBER CABLING ALONG EXISTING LADDER TRAY TO TERMINATION PANEL.
- 3 EXISTING CORNING CCH-04U PANEL. INSTALL (1) 12F CORNING LC-APC CASSETTE IN SLOT M & TERMINATE (1) 12F CABLE WITH CORE ALIGNMENT FUSION SPLICER.



Know what's below.
Call before you dig.



0 10' 20'
SCALE: 1"=20'



SYMBOL CORRESPONDS TO PHOTO LOCATIONS AND ORIENTATION. SEE SHEET #14 FOR SITE PHOTOGRAPHS.

3				AS-BUILT
2	1/21/26	JLS	JLS	REVISION # 1
1	12/1/25	GD	JR	ORIGINAL
NO.	DATE	ENGINEER	DRAFTER	COMMENT

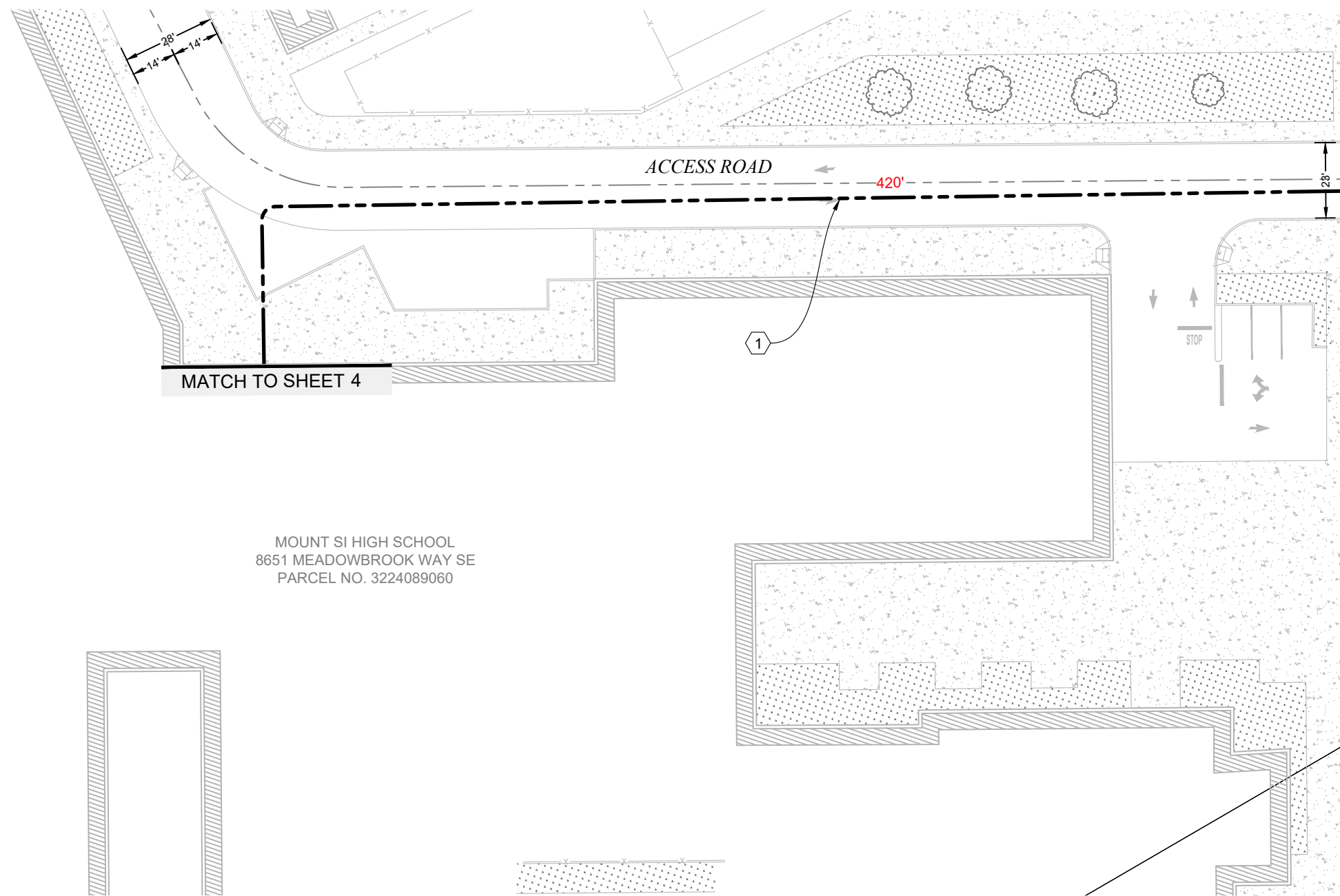


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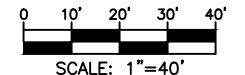
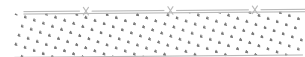
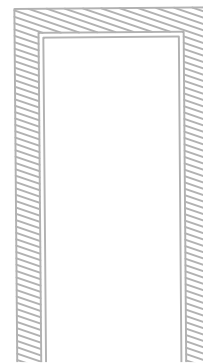
MT SI HS - MDF ROOM - ENLARGED PLAN

CONSTRUCTION NOTES

- 1 EXISTING 4" CONDUIT. INSTALL (1) 2" DETECTABLE 3-CELL MAXCELL EDGE INNERDUCT. PULL (1) 12F CABLE THROUGH.



MOUNT SI HIGH SCHOOL
8651 MEADOWBROOK WAY SE
PARCEL NO. 3224089060



SYMBOL CORRESPONDS TO PHOTO LOCATIONS AND ORIENTATION. SEE SHEET #14 FOR SITE PHOTOGRAPHS.

3				AS-BUILT
2	1/21/26	JLS	JLS	REVISION # 1
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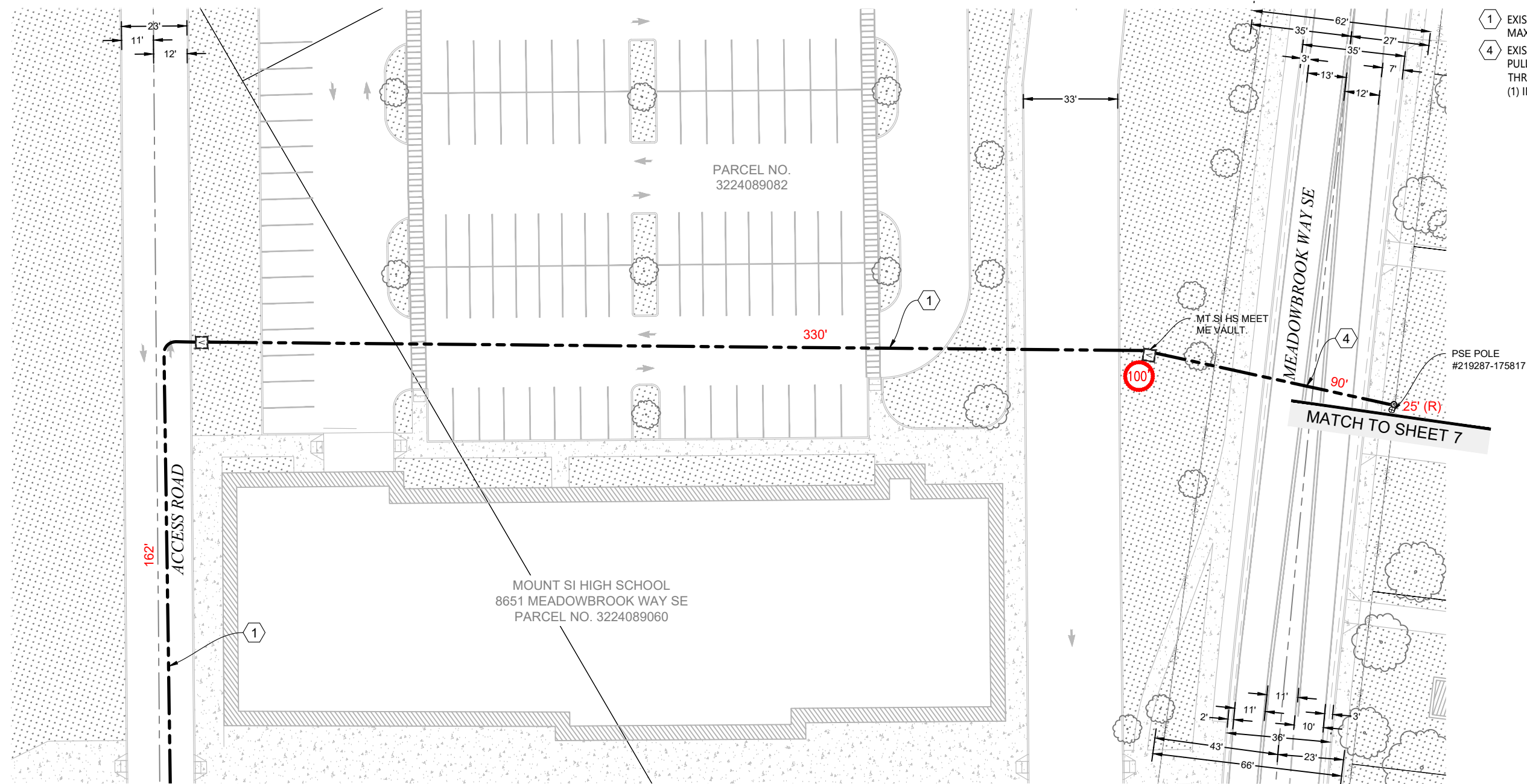


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SNOQUALMIE, WA 98065
PERMIT NUMBER:
DRAWING NAME: SVSD - MT SI HS TO SES DIVERSITY - PLANS.dwg

DESIGN VIEW A

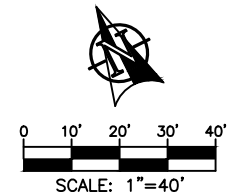
CONSTRUCTION NOTES

- 1 EXISTING 4" CONDUIT. INSTALL (1) 2" DETECTABLE 3-CELL MAXCELL EDGE INNERDUCT. PULL (1) 12F CABLE THROUGH.
- 4 EXISTING 4" CONDUIT TO EXISTING RISER AT PSE POLE. PULL THROUGH (2) 1" CORRUGATED INNERDUCTS THROUGH TO TOP OF RISER. PULL (1) 12F CABLE THROUGH (1) INNERDUCT.



MATCH TO SHEET 5

MATCH TO SHEET 7



SYMBOL CORRESPONDS TO PHOTO LOCATIONS AND ORIENTATION. SEE SHEET #14 FOR SITE PHOTOGRAPHS.

3				AS-BUILT
2	1/21/26	JLS	JLS	REVISION # 1
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 CONFIDENTIAL/PROPRIETARY

DESIGN VIEW B

CONSTRUCTION NOTES

- 5 OVERLASH (1) 12F CABLE ON EXISTING SVSD AERIAL FIBER PLANT ALONG EXISTING PSE UTILITY POLES.
- 6 INSTALL (1) 2" SCH40 PVC RISER ON NE QUADRANT OF EXISTING PSE UTILITY POLE. BOTTOM 10' OF RISER & 90° SWEEP BELOW GRADE SHALL BE 2" RMC. SEE AERIAL TYPICAL DETAIL 'B'. PULL (1) 12F CABLE THROUGH.

MT SI HIGH SCHOOL
8651 MEADOWBROOK WAY
PARCEL NO. 3224089060

PARCEL NO.
3224089082

MEADOWBROOK WAY SE

LOWER COMCAST 1'7" TO 23'0"

POLE NUMBER (P1) 219287-175817	
SECONDARY N/S	26'10"
SECONDARY DRIP	25'11"
SL WEST	25'6"
SL DRIP	25'3"
COMCAST N/S	24'7"
SVSD N/S	20'0"
SVSD OVERLASH	20'0"

COMMS TO SECONDARY VIOLATION IN MIDSPAN. LOWER COMMUNICATIONS ATTACHMENTS AT ADJACENT POLES TO OBTAIN MINIMUM 30" SEPARATION FROM POWER.

POLE NUMBER (P2) 219272-175809	
NEUTRAL/SECONDARY	28'7"
SECONDARY DRIP	27'2"
COMCAST	24'6"
SVSD	23'0"
SVSD OVERLASH	22'0"
LOWER SVSD 1'0" TO 22'0"	
LOWER COMCAST 1'0" TO 23'6"	

POLE NUMBER (P3) 219255-175800	
NEUTRAL/SECONDARY	30'1"
SECONDARY DRIP	29'2"
SL DRIP	26'9"
SL	26'8"
COMCAST	25'9"
SVSD	24'9"
SVSD OVERLASH	24'9"

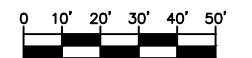
POLE NUMBER (P4) 219235-175791	
NEUTRAL	31'2"
COMCAST	26'0"
SVSD	24'10"
SVSD OVERLASH	24'10"
*SVSD - INSTALL NEW 2" RISER. RISER TOP @ 23'4".	

PARCEL NO.
3224089009

8484
MEADOWBROOK
WAY
PARCEL NO.
3224089025



Know what's below.
Call before you dig.



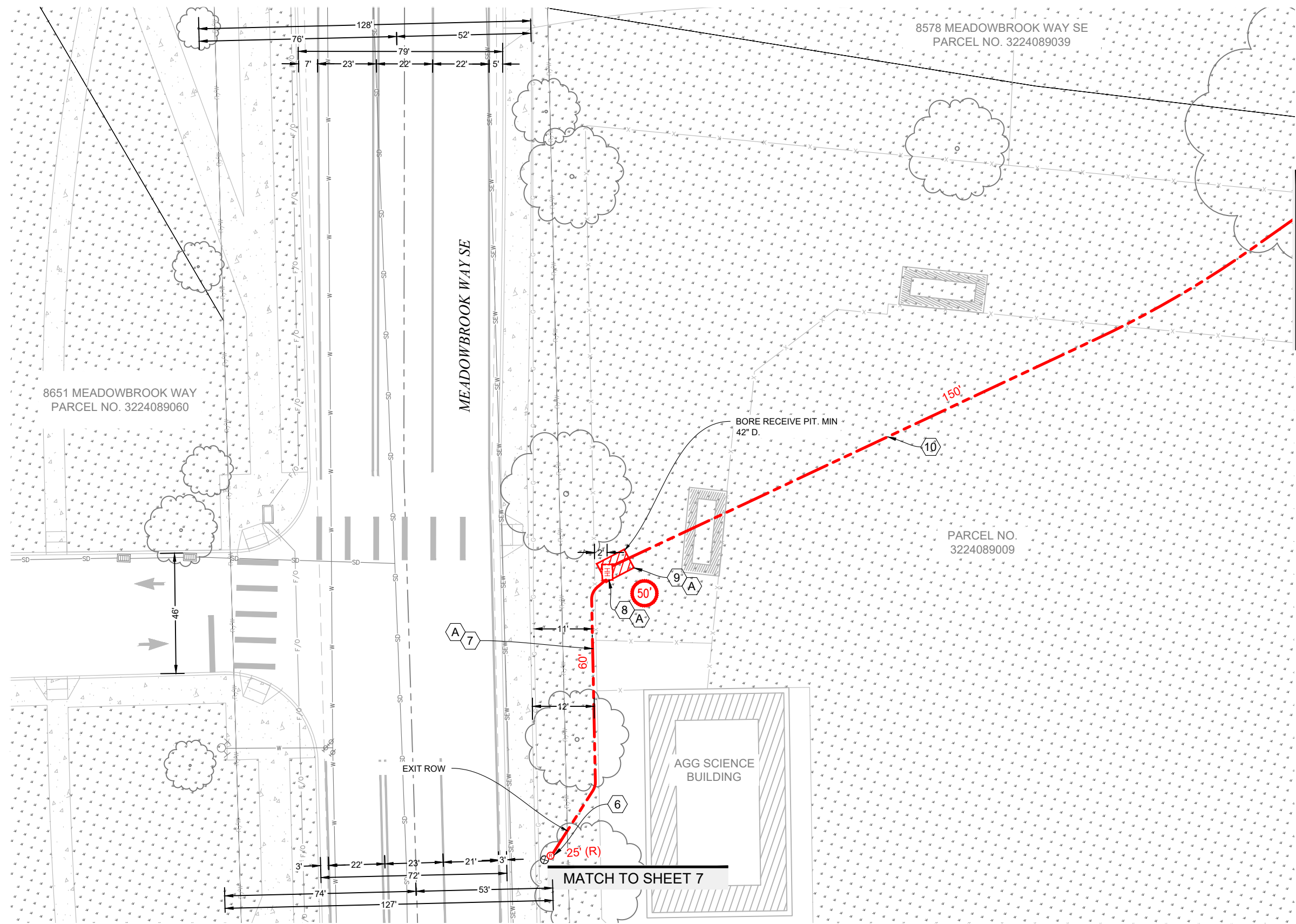
SCALE: 1"=50'

3				AS-BUILT
2	1/21/26	JLS	JLS	REVISION # 1
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CONFIDENTIAL/PROPRIETARY SHEET: 7 OF 14

DESIGN VIEW C



CONSTRUCTION NOTES

- 6 INSTALL (1) 2" SCH40 PVC RISER ON NE QUADRANT OF EXISTING PSE UTILITY POLE. BOTTOM 10' OF RISER & 90° SWEEP BELOW GRADE SHALL BE 2" RMC. SEE AERIAL TYPICAL DETAIL 'B'. PULL (1) 12F CABLE AND (1) DETECTABLE MULE TAPE THROUGH.
- 7 OPEN TRENCH AND INSTALL (1) 2" SCH80 PVC CONDUIT. MAINTAIN MINIMUM 36" RADIUS BENDS ALONG ROUTE. PULL (1) 12F CABLE & (1) DETECTABLE MULE TAPE THROUGH
- 8 INSTALL (1) QUAZITE 24"X36" HH WITH TIER 8 COVER.
- 9 TEMPORARY BORE PIT.
- 10 DIRECTIONAL DRILL (1) 2" SDR-11 CONDUIT MIN 42" BELOW GRADE. PULL (1) 12F CABLE & (1) DETECTABLE MULE TAPE THROUGH.

RESTORATION NOTES

- A RESTORE LANDSCAPE PER CITY OF SNOQUALMIE STANDARDS.

CONTRACTOR NOTES

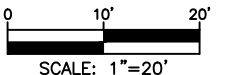
1. ALL EXCAVATION WITHIN DRIP LINE OF TREE SHALL BE COMPLETED VIA VAC TRUCK.
2. LOCATE AND PROTECT ALL GAS FACILITIES. MAINTAIN 1' VERTICAL AND 3' HORIZONTAL CLEARANCE WHEN INSTALLING CONDUIT IN OPEN TRENCH NEAR EXISTING GAS FACILITIES.
3. LOCATE AND PROTECT ALL STREET LIGHT INFRASTRUCTURE PRIOR TO CONSTRUCTION.
4. POT HOLE UTILITY CROSSINGS PRIOR TO BORE. MAINTAIN MINIMUM 2' VERTICAL CLEARANCE AT THE CROSSING FROM EXISTING UTILITIES.

MATCH TO SHEET 9

MATCH TO SHEET 7



Know what's below.
Call before you dig.



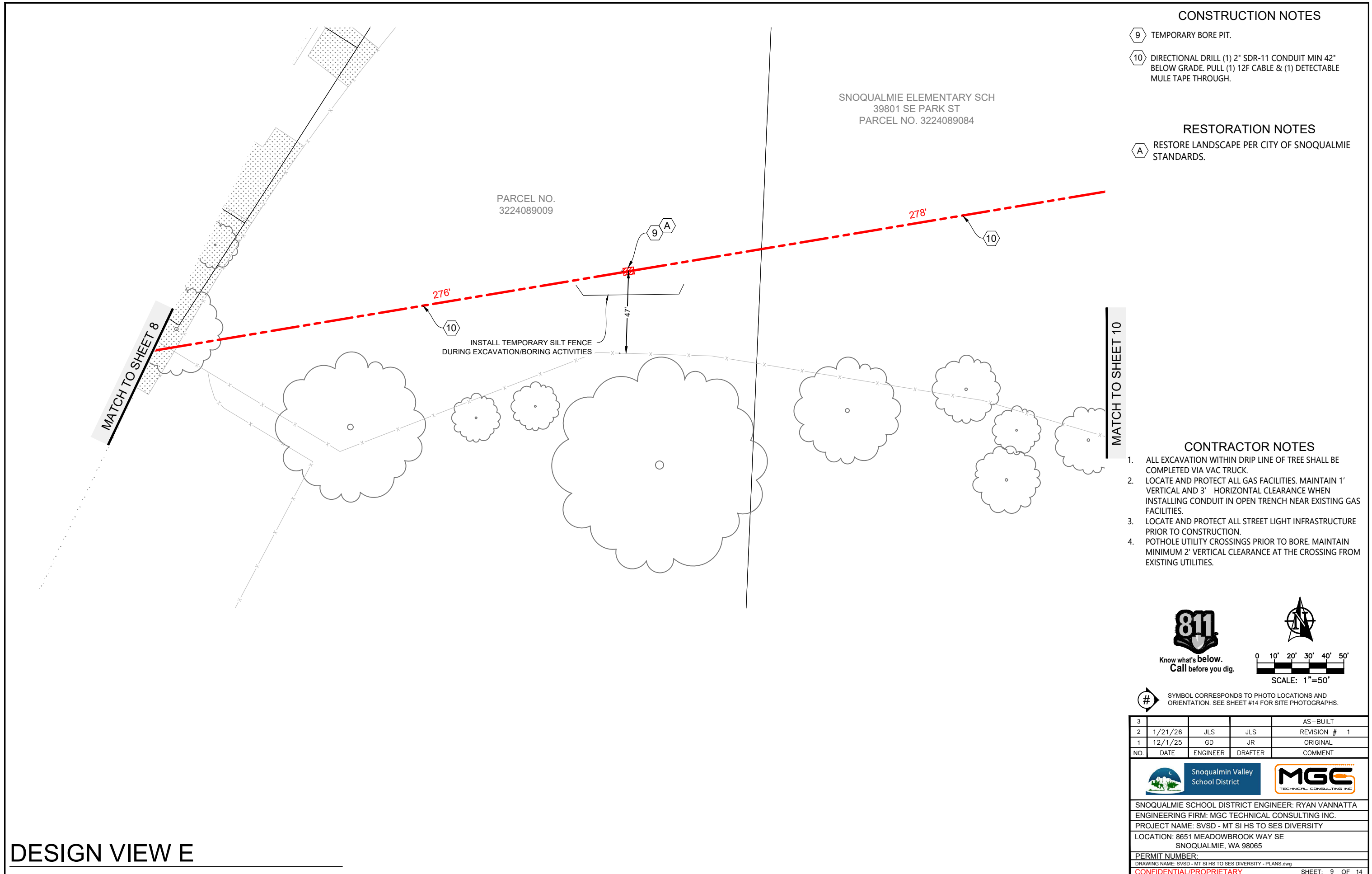
SYMBOL CORRESPONDS TO PHOTO LOCATIONS AND ORIENTATION. SEE SHEET #14 FOR SITE PHOTOGRAPHS.

3				AS-BUILT
2	1/21/26	JLS	JLS	REVISION # 1
1	12/1/25	GD	JR	ORIGINAL
NO.	DATE	ENGINEER	DRAFTER	COMMENT



SNOQUALMIE SCHOOL DISTRICT ENGINEER: RYAN VANNATTA
 ENGINEERING FIRM: MGC TECHNICAL CONSULTING INC.
 PROJECT NAME: SVSD - MT SI HS TO SES DIVERSITY
 LOCATION: 8651 MEADOWBROOK WAY SE
 SNOQUALMIE, WA 98065
 PERMIT NUMBER:
 DRAWING NAME: SVSD - MT SI HS TO SES DIVERSITY - PLANS.dwg
 CONFIDENTIAL/PROPRIETARY SHEET: 8 OF 14

DESIGN VIEW D



CONSTRUCTION NOTES

- 9 TEMPORARY BORE PIT.
- 10 DIRECTIONAL DRILL (1) 2" SDR-11 CONDUIT MIN 42" BELOW GRADE. PULL (1) 12F CABLE & (1) DETECTABLE MULE TAPE THROUGH.

RESTORATION NOTES

- A RESTORE LANDSCAPE PER CITY OF SNOQUALMIE STANDARDS.

CONTRACTOR NOTES

1. ALL EXCAVATION WITHIN DRIP LINE OF TREE SHALL BE COMPLETED VIA VAC TRUCK.
2. LOCATE AND PROTECT ALL GAS FACILITIES. MAINTAIN 1' VERTICAL AND 3' HORIZONTAL CLEARANCE WHEN INSTALLING CONDUIT IN OPEN TRENCH NEAR EXISTING GAS FACILITIES.
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4. POT HOLE UTILITY CROSSINGS PRIOR TO BORE. MAINTAIN MINIMUM 2' VERTICAL CLEARANCE AT THE CROSSING FROM EXISTING UTILITIES.

SNOQUALMIE ELEMENTARY SCH
39801 SE PARK ST
PARCEL NO. 3224089084

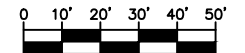
PARCEL NO.
3224089009

MATCH TO SHEET 8

MATCH TO SHEET 10



Know what's below.
Call before you dig.



SCALE: 1"=50'



SYMBOL CORRESPONDS TO PHOTO LOCATIONS AND ORIENTATION. SEE SHEET #14 FOR SITE PHOTOGRAPHS.

3				AS-BUILT
2	1/21/26	JLS	JLS	REVISION # 1
1	12/1/25	GD	JR	ORIGINAL
NO.	DATE	ENGINEER	DRAFTER	COMMENT



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DRAWING NAME: SVSD - MT SI HS TO SES DIVERSITY - PLANS.dwg
CONFIDENTIAL/PROPRIETARY

DESIGN VIEW E

CONSTRUCTION NOTES

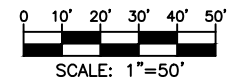
- 7 OPEN TRENCH AND INSTALL (1) 2" SCH80 PVC CONDUIT. MAINTAIN MINIMUM 36" RADIUS BENDS ALONG ROUTE. PULL (1) 12F CABLE THROUGH.
- 8.1 INSTALL (1) QUAZITE 24"X36" HH WITH TIER 22 COVER.
- 9 TEMPORARY BORE PIT.
- 10 DIRECTIONAL DRILL (1) 2" SDR-11 CONDUIT MIN 42" BELOW GRADE. PULL (1) 12F CABLE THROUGH.
- 11 OPEN TRENCH AND EXTEND (1) 2" SDR-11 INTO NEW HANDHOLE.
- 12 HANG 2" SCH40 PVC CONDUIT WITHIN CRAWLSPACE. USE EXISTING CONDUIT HANGERS/UNISTRUT WHERE AVAILABLE. ADD HANGERS/UNISTRUT AS NEEDED.
- 13 PENETRATE FLOOR AND INSTALL 2" CONDUIT THROUGH FLOOR TO EQUIPMENT ROOM. WEATHERSEAL PENETRATION.
- 13 PENETRATE FLOOR AND INSTALL 2" CONDUIT THROUGH FLOOR TO EQUIPMENT ROOM. WEATHERSEAL PENETRATION.
- 14 WALL MOUNT (1) 12"X12"4" JUNCTION BOX WITHIN STORAGE ROOM BENEATH IDF CABINET. CONNECT (1) 2" CONDUIT FROM CRAWLSPACE. INSTALL (1) 2" CONDUIT BETWEEN PROPOSED JUNCTION BOX AND EXISTING 12X12 JUNCTION BOX.
- 15 EXISTING 2" COMMUNICATIONS CONDUIT. PULL (1) 12F CABLE & (1) MULE TAPE THROUGH.
- 17 INSTALL 12F FIBER CABLE THROUGH MDF TO TELECOM RACK. COIL FIBER ON PLYWOOD BACKBOARD.
- 18 REMOVE EXISTING WAN FIBER PANEL (12F TO MTSI HS DATACENTER). INSTALL NEW (1) 1RU FIBER PANEL AT EXISTING WAN PANEL LOCATION. INSTALL (2) 12F LC APC CASSETTES (EXISTING WAN FIBER IN SLOT 'A', NEW 12F IN SLOT 'B'). RE-TERMINATE 12F WAN FIBER WITH CORE ALIGNMENT FUSION SPLICER. TERMINATE NEW 12F WITH CORE ALIGNMENT FUSION SPLICER.

CONTRACTOR NOTES

1. LOCATE AND PROTECT ALL GAS FACILITIES. MAINTAIN 1' VERTICAL AND 3' HORIZONTAL CLEARANCE WHEN INSTALLING CONDUIT IN OPEN TRENCH NEAR EXISTING GAS FACILITIES.
2. POT HOLE UTILITY CROSSINGS PRIOR TO BORE. MAINTAIN MINIMUM 2' VERTICAL CLEARANCE AT THE CROSSING FROM EXISTING UTILITIES.



Know what's below.
Call before you dig.

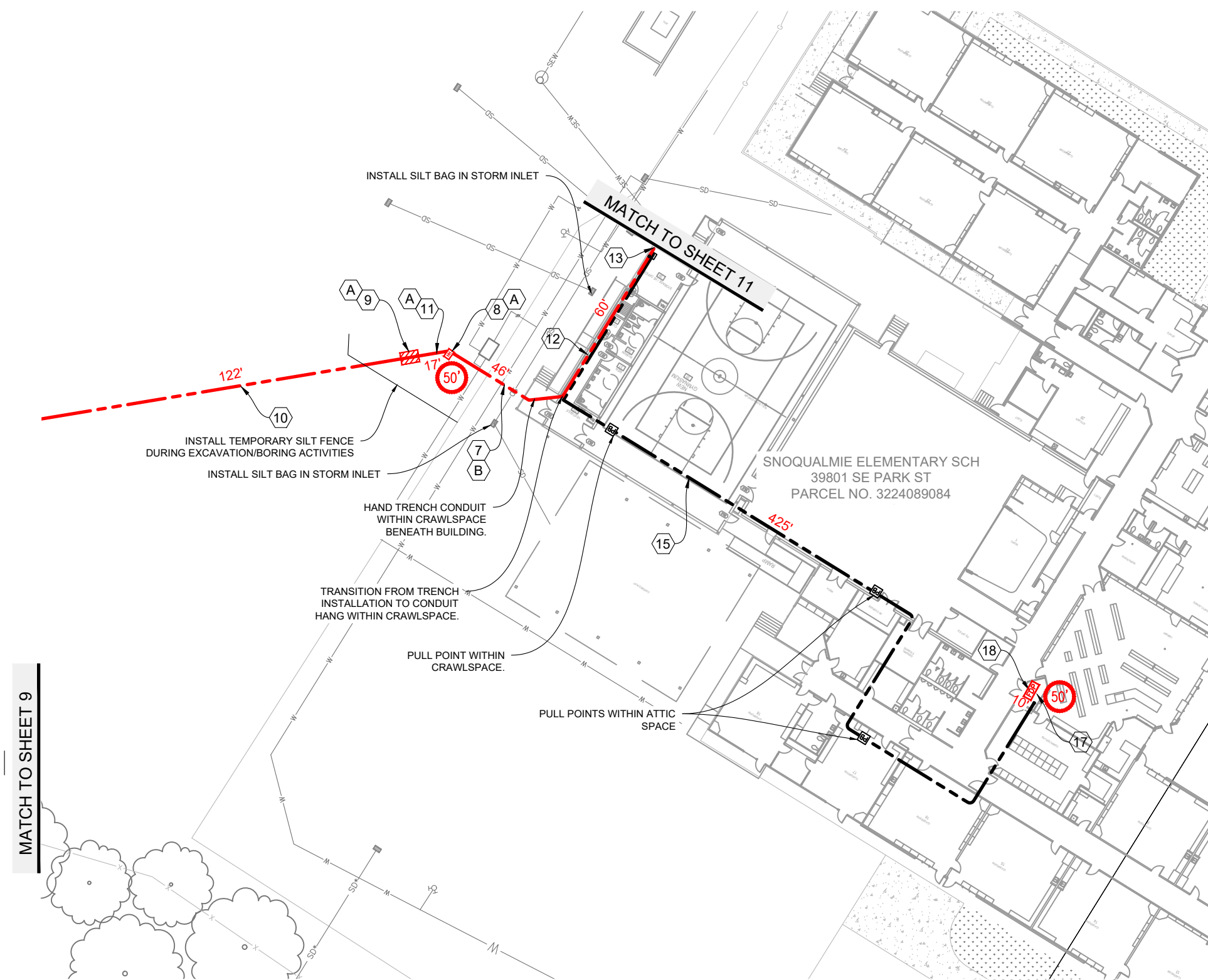


SYMBOL CORRESPONDS TO PHOTO LOCATIONS AND ORIENTATION. SEE SHEET #14 FOR SITE PHOTOGRAPHS.

3				AS-BUILT
2	1/21/26	JLS	JLS	REVISION # 1
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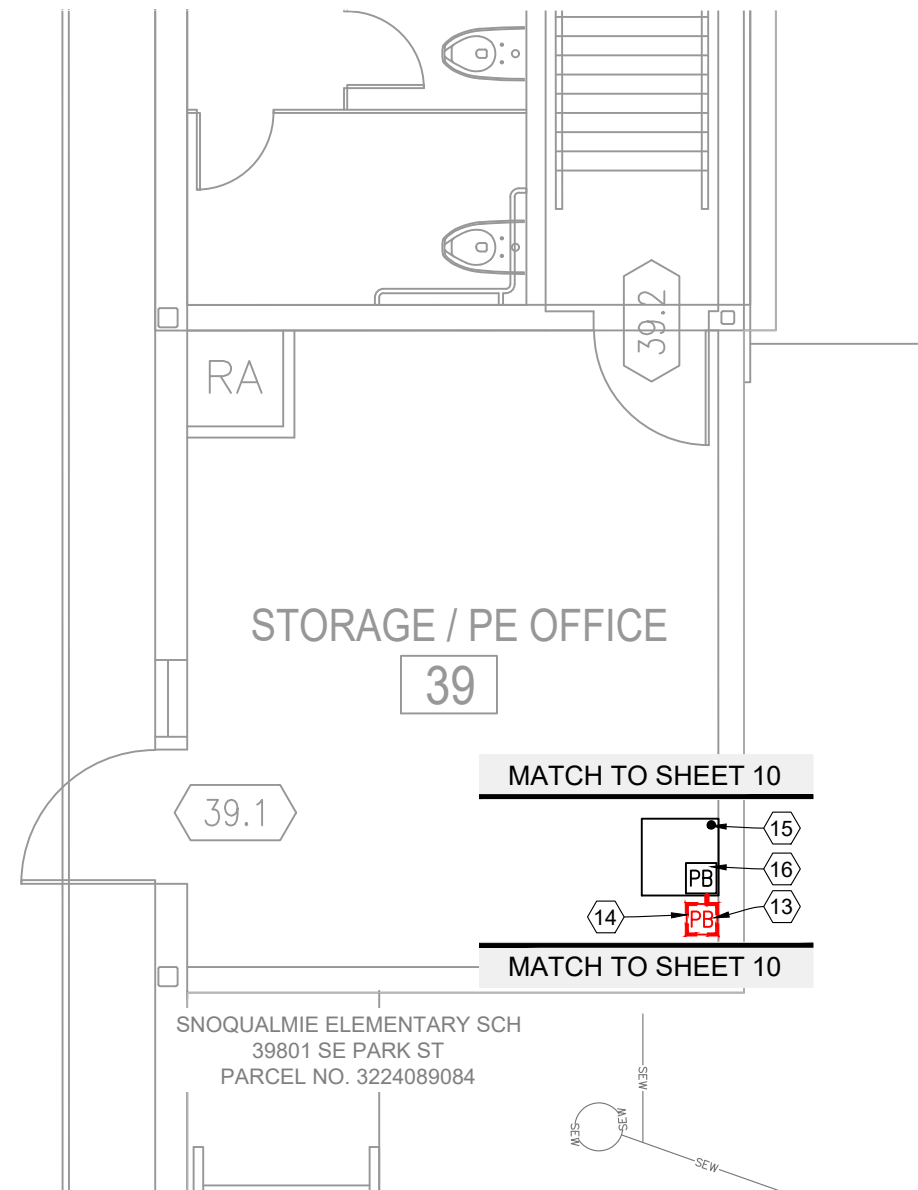


RESTORATION NOTES

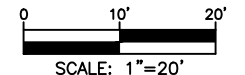
- A RESTORE LANDSCAPE PER CITY OF SNOQUALMIE STANDARDS.
- B RESTORE ASPHALT PER TYPICAL TRENCH DETAIL.

CONSTRUCTION NOTES

- 13 PENETRATE FLOOR AND INSTALL 2" CONDUIT THROUGH FLOOR TO EQUIPMENT ROOM. WEATHERSEAL PENETRATION.
- 14 WALL MOUNT (1) 12"x12"x4" JUNCTION BOX WITHIN STORAGE ROOM BENEATH IDF CABINET. CONNECT (1) 2" CONDUIT FROM CRAWLSPACE. INSTALL (1) 2" CONDUIT BETWEEN PROPOSED JUNCTION BOX AND EXISTING 12X12 JUNCTION BOX.
- 15 EXISTING 2" COMMUNICATIONS CONDUIT. PULL THROUGH (1) 12F CABLE & (1) MULE TAPE.
- 16 INSTALL (1) 2" EMT BETWEEN EXISTING PULL BOX AND EXISTING IDF TELECOM CABINET. PULL (1) 12F CABLE THROUGH.



Know what's below.
Call before you dig.



SCALE: 1"=20'



SYMBOL CORRESPONDS TO PHOTO LOCATIONS AND ORIENTATION. SEE SHEET #14 FOR SITE PHOTOGRAPHS.

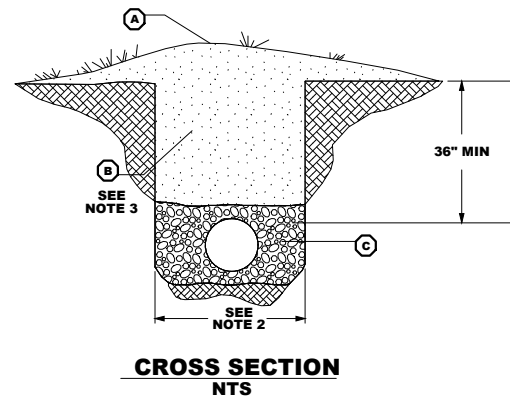
3				AS-BUILT
2	1/21/26	JLS	JLS	REVISION # 1
1	12/1/25	GD	JR	ORIGINAL
NO.	DATE	ENGINEER	DRAFTER	COMMENT



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GYM STORAGE ROOM (GYM IDF) PLAN

UNDERGROUND TYPICAL DETAILS



**CROSS SECTION
NTS**

LEGEND

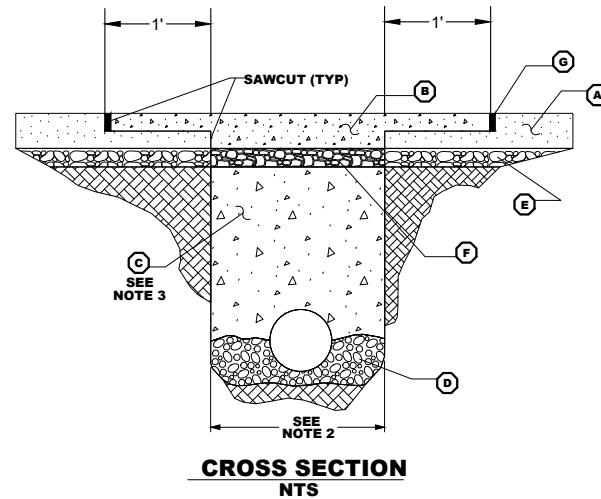
- (A) SURFACE TREATMENT TO RESTORE EXISTING TO MATCH ADJACENT (SEEDING, BARK, ETC.).
- (B) NATIVE MATERIAL.
- (C) BEDDING MATERIAL. BEDDING MATERIAL DEPTH OVER AND BENEATH PIPE CASING SHALL BE HALF THE DIAMETER OF PIPE CASING OR 6 INCHES, WHICHEVER IS LESS.

GENERAL NOTES

1. TRENCHING AND PIPE INSTALLATION SHALL MEET THE REQUIREMENTS OF WSDOT STANDARD SPECIFICATION 7-08.
2. MAXIMUM TRENCH WIDTH SHALL BE OUTSIDE CASING PIPE WIDTH PLUS 1 FOOT EITHER SIDE OF CASING PIPE.
3. COMPACTION SHALL BE METHOD "C" PER STANDARD SPECIFICATION SECTION 2-03.3 (14) C.

OPEN TRENCH DETAIL - SOFT SURFACE

SCALE: NTS



**CROSS SECTION
NTS**

LEGEND

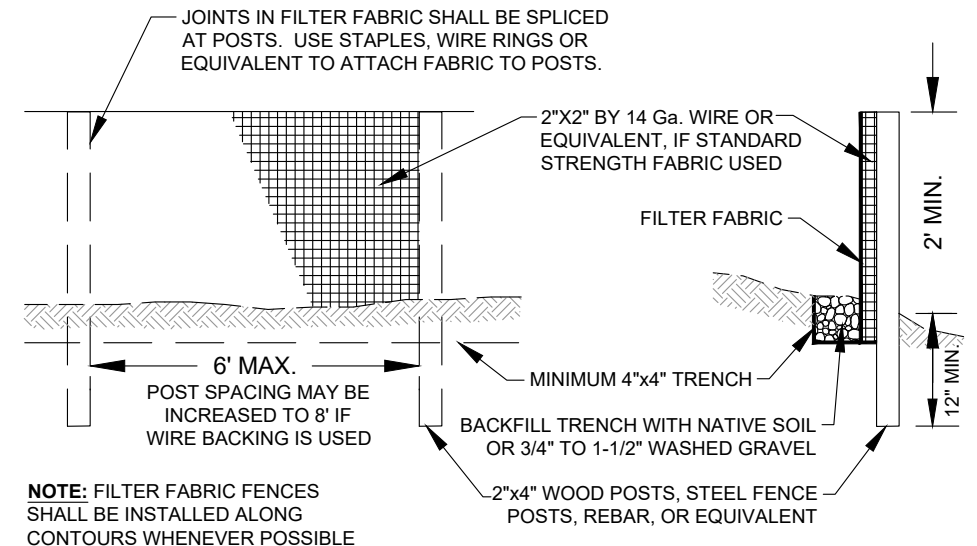
- (A) EXISTING HMA (HOT MIX ASPHALT) OR PCCP (PORTLAND CEMENT CONCRETE PAVEMENT).
- (B) HMA CLASS 1/2 INCH OR PCCP: DEPTH AND MATERIAL SHALL MATCH EXISTING PAVEMENT. REMOVAL AND REPLACEMENT LIMITS OF PAVEMENT TO BE DETERMINED AT THE TIME OF UTILITY PERMIT/FRANCHISE REVIEW.
- (C) APPROVED BACKFILL MATERIAL OR CDF (CONTROL DENSITY BACKFILL) OR AS SPECIFIED BY WSDOT.
- (D) BEDDING MATERIAL DEPTH BENEATH THE PIPE/CASING SHALL BE SIX (6) INCHES. ADDITIONAL PIPE BEDDING SHALL BE PLACED EQUAL TO HALF THE DIAMETER OF THE PIPE/CASING OR SIX (6) INCHES, WHICHEVER IS LESS.
- (E) EXISTING CRUSHED SURFACING BASE COURSE.
- (F) CRUSHED SURFACING BASE COURSE DEPTH SHALL MATCH DEPTH OF EXISTING CRUSHED SURFACING BASE COURSE.
- (G) HMA BUTT JOINT REQUIRES TACK, SEAL, AND SAND. FOR PCCP, REFER TO GENERAL NOTE 4.

GENERAL NOTES

1. TRENCHING AND PIPE INSTALLATION SHALL MEET THE REQUIREMENTS OF WSDOT STANDARD SPECIFICATION 7-08.
2. MAXIMUM TRENCH WIDTH SHALL NOT EXCEED CASING/PIPE DIAMETER PLUS AN ADDITIONAL ONE (1) FOOT ON EITHER SIDE.
3. COMPACTION SHALL BE METHOD "C" PER STANDARD SPECIFICATION SECTION 2-03.3(14)C.
4. TACK ASPHALT PER WSDOT STANDARD SPECIFICATION 5-4.3(5)A.

OPEN TRENCH DETAIL - PAVEMENT

SCALE: NTS



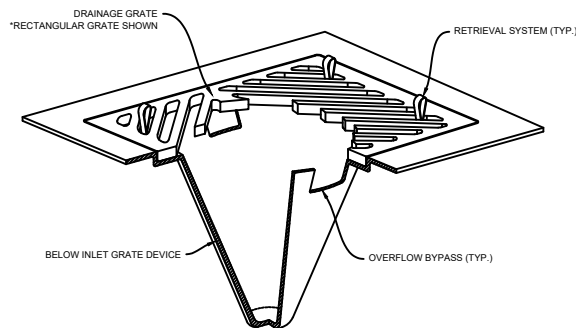
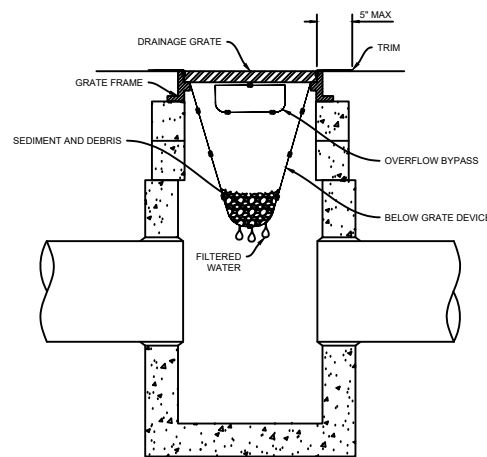
NOTE: FILTER FABRIC FENCES SHALL BE INSTALLED ALONG CONTOURS WHENEVER POSSIBLE

SILT FENCE INSTALLATION DETAIL

SCALE: NTS

NOTES

1. SIZE THE BELOW INLET GRATE DEVICE (BIGD) FOR THE STORM WATER STRUCTURE IT WILL SERVICE.
2. THE BIGD SHALL HAVE A BUILT-IN HIGH-FLOW RELIEF SYSTEM (OVERFLOW BYPASS).
3. THE RETRIEVAL SYSTEM MUST ALLOW REMOVAL OF THE BIGD WITHOUT SPILLING THE COLLECTED MATERIAL.



INLET PROTECTION DETAIL

SCALE: NTS



Know what's below.
Call before you dig.

3				AS-BUILT
2	1/21/26	JLS	JLS	REVISION # 1
1	12/1/25	GD	JR	ORIGINAL
NO.	DATE	ENGINEER	DRAFTER	COMMENT



SNOQUALMIE SCHOOL DISTRICT ENGINEER: RYAN VANNATTA
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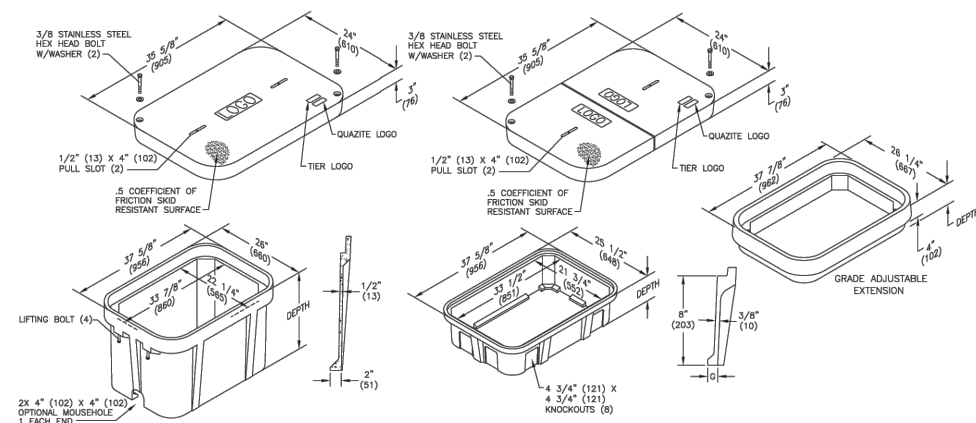
HANDHOLE TYPICALS



Dimensions / Data

24" x 36" PG Style Polymer Concrete (Stackable) Assembly

Hex Head Bolts are Standard



Covers

DESCRIPTION	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
W/ 2 Bolts	8	8,000 / 12,000	100	10	PG2436CA00**
2 piece w/2 Bolts	8	8,000 / 12,000	122	10	PG2436CS00**
W/ 2 Bolts	15	15,000 / 22,500	115	10	PG2436HA00**
2 piece w/2 Bolts	15	15,000 / 22,500	122	10	PG2436HS00**
W/ 2 Bolts	22	22,500 / 33,750	122	10	PG2436HH00**
No Bolts	8	8,000 / 12,000	100	10	PG2436WA00**

To order gasketed covers, replace the letter "A" with the letter "G".
 Replace "**" with a logo code found on page 18.
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.



Dimensions / Data 24" x 36" PG Style Polymer Concrete (Stackable) Assembly (Continued)

Hex Head Bolts are Standard

Boxes (Box depths 24" thru 42" must be used as bottom of any stack)

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Standard Open Bottom	18"	22	22,500 / 33,750	141	4	PG2436BA18
	24"		22,500 / 33,750	180	3	PG2436BA24
	30"		22,500 / 33,750	196	2	PG2436BA30
	36"		22,500 / 33,750	254	2	PG2436BA36
	42"		22,500 / 33,750	293	1	PG2436BA42
Solid Bottom	18 1/2"	22	22,500 / 33,750	171	4	PG2436DA18
	24 1/2"		22,500 / 33,750	228	3	PG2436DA24
	30 1/2"		22,500 / 33,750	238	2	PG2436DA30
	36 1/2"		22,500 / 33,750	282	2	PG2436DA36
	42 1/2"		22,500 / 33,750	321	1	PG2436DA42

To order boxes with 2 standard mouseholes, replace the letter "A" with the letter "B".
 To order gasketed boxes, replace the letter "A" with the letter "G".
 NOTE: 24" thru 42" boxes must be used as bottom on any stack.
 NOTE: Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Bottom Extensions (for use under 12" and 18" boxes only, one per box)

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
Open bottom	8 3/4"	22	22,500 / 33,750	81	6	PG2436EA08
Solid bottom	9 1/4"	22	22,500 / 33,750	95	6	PG2436RA08

Grade Adjustable Extension

DESCRIPTION	DEPTH	TIER	DESIGN / TEST LOAD #	WEIGHT #	PALLET QTY	PART NO.
4" top extension, 1/2 thread	7 1/8"	22	22,500 / 33,750	80	6	PG2436ED04
4" top extension, 3/8 thread	7 1/8"	22	22,500 / 33,750	80	6	PG2436ES03



QUAZITE



Know what's below.
Call before you dig.

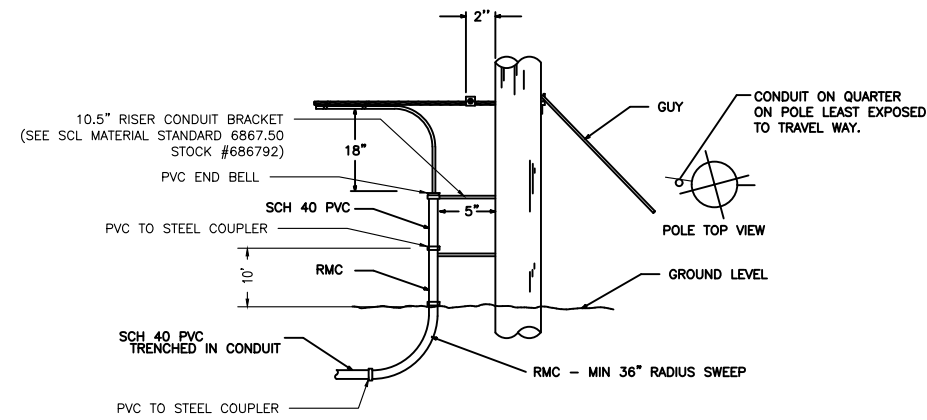
3				AS-BUILT
2	1/21/26	JLS	JLS	REVISION # 1
1	12/1/25	GD	JR	ORIGINAL
NO.	DATE	ENGINEER	DRAFTER	COMMENT



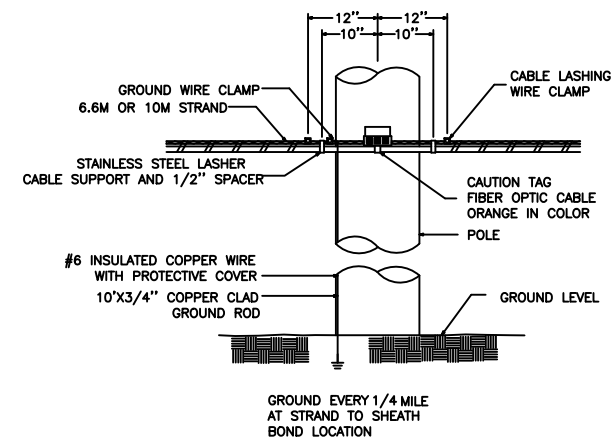
SNOQUALMIE SCHOOL DISTRICT ENGINEER: RYAN VANNATTA
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 DRAWING NAME: SVSD - MT SI HS TO SES DIVERSITY - PLANS.dwg
CONFIDENTIAL/PROPRIETARY SHEET: 13 OF 14

AERIAL TYPICALS

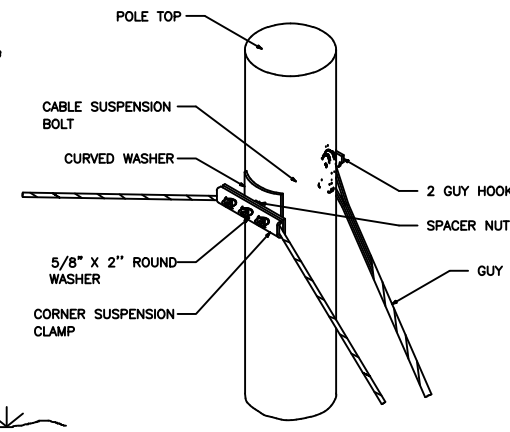
TYPICAL DETAIL – B
POLE ARRANGEMENT FOR AERIAL TO BURIED CABLE
(TRENCHED-IN CONDUIT)



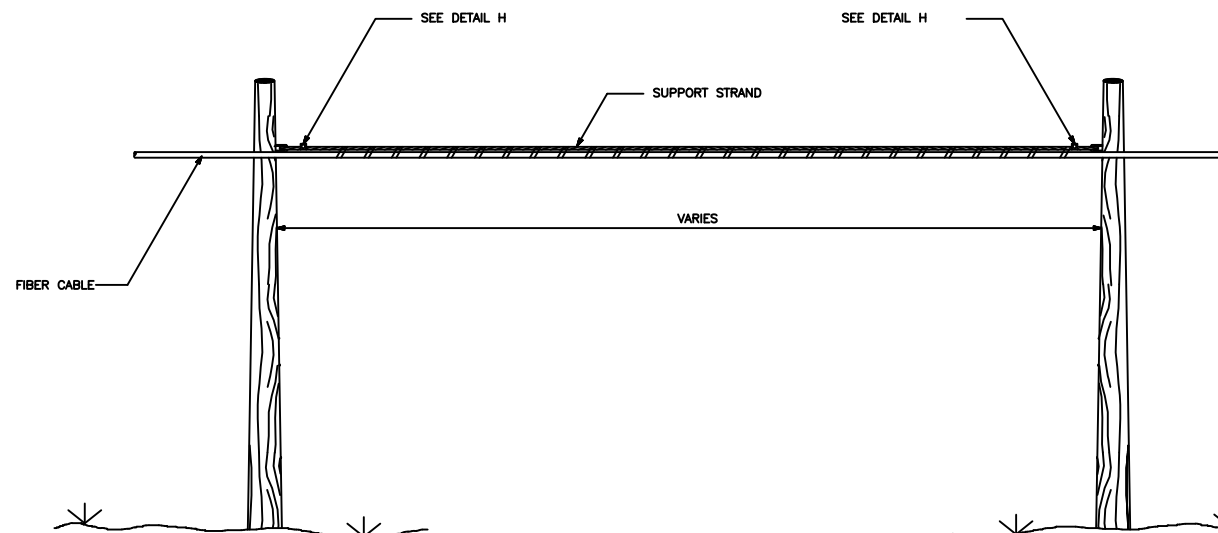
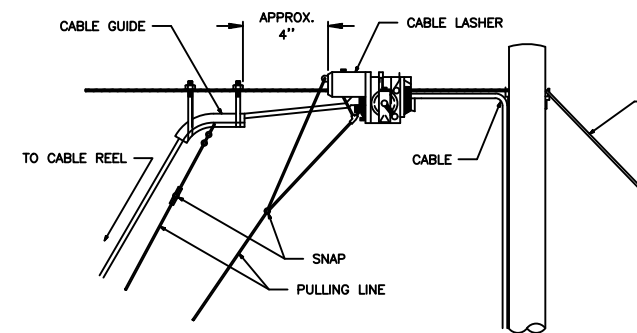
TYPICAL DETAIL – C
TYPICAL CABLE & HARDWARE INSTALLATION
(6.6M STRAND \ 10M STRAND)



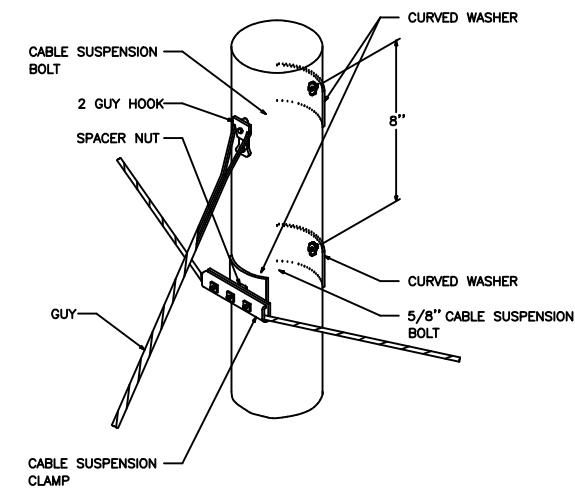
TYPICAL DETAIL – E
SUSPENSION STRAND – PULL AWAY
FROM POLE – 5 FEET OR MORE



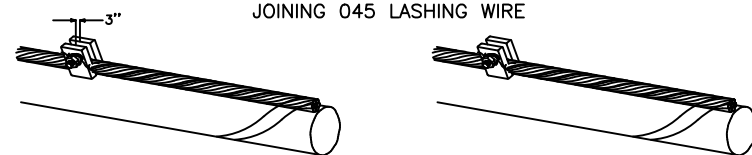
TYPICAL DETAIL – F
TYPICAL ARRANGEMENT OF
CABLE LASHER AND CABLE GUIDE



TYPICAL DETAIL – I
SUSPENSION STRAND – PULL TOWARD
POLE – LESS THAN 5 FEET



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" BEYOND THE END OF THE CLAMP.

FORMING WIRE OVER STUD OF CLAMP

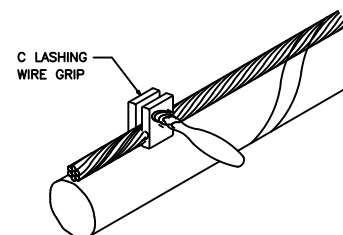
FORM THE LASHING WIRE AROUND THE STRAND AND PLACE IT BELOW THE STUD AND BETWEEN THE SECOND WASHER AND STUD SHOULDER.

FORMING LASHING WIRE AROUND STRAND



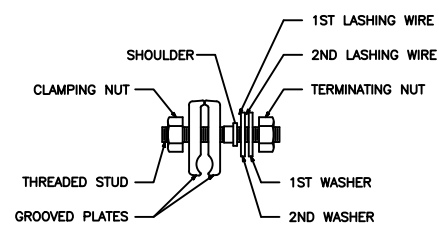
TYPICAL DETAIL – H
LASHING WIRE GRIP AND CLAMP

C LASHING WIRE GRIP INSTALLED ON STRAND



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

D CABLE LASHING CLAMP



3				AS-BUILT
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Snoqualmie Valley School District

MGC
TECHNICAL CONSULTING INC.

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