



City of Ketchum

CITY COUNCIL MEETING AGENDA MEMO

Meeting Date: Staff Member/Dept:

Agenda Item:

Recommended Motion:

Reasons for Recommendation:

- Installing the duct bank concurrently with the Sun Valley Road construction will minimize future pavement damage and saw cuts.
- The new underground transmission line duct will have no impact on pedestrian or public access.
- The encroachment will provide an underground power duct for a future redundant transmission line.

Policy Analysis and Background (non-consent items only):

Idaho Power is proposing to install approximately 300' of a transmission line duct for a future redundant line within the City's ROW beginning at the Spruce Ave. intersection and extending east to the city limits. A second encroachment permit will be submitted at a later date for the remaining portion of the duct to be installed within the city's streets. This encroachment will permit Idaho Power to install the transmission line duct while Sun Valley Road is under construction and will limit future saw cuts and asphalt damage.

City Municipal code 12.12.040.C requires a right-of-way encroachment permit for any permanent encroachment in the public right-of-way. These agreements are intended to help protect the City in the event the proposed encroachments were to ever pose an issue requiring repair or relocation of the encroachment.

Sustainability Impact:

Financial Impact:

Attachments:

1. Right-of-Way Encroachment Agreement 22843
2. Exhibit "A"

WHEN RECORDED, PLEASE RETURN TO:

**OFFICE OF THE CITY CLERK
CITY OF KETCHUM
POST OFFICE BOX 2315
KETCHUM, IDAHO 83340**

RIGHT-OF-WAY ENCROACHMENT AGREEMENT 22843

THIS AGREEMENT, made and entered into this ____ day of ____, 2023, by and between the CITY OF KETCHUM, IDAHO, a municipal corporation ("Ketchum"), whose address is Post Office Box 2315, Ketchum, Idaho and _____, representing IDAHO POWER COMPANY, (collectively referred to as "Owner"), whose address is 1221 West Idaho St., Boise, ID 83702.

RECITALS

WHEREAS, Owner wishes to permit placement of an underground transmission line in the right-of-ways of Spruce Avenue and Sun Valley Road. These improvements are shown in Exhibit "A" attached hereto and incorporated herein (collectively referred to as the "Improvements"); and,

WHEREAS, Ketchum finds that said Improvements will not impede the use of said public right-of-way at this time subject to the terms and provisions of this Agreement;

WHEREAS, the Owner will restore the sidewalk, street, curb and gutter and any landscaping back to the original condition acceptable to the Streets and Facilities Director;

NOW, THEREFORE, in contemplation of the above stated facts and objectives, it is hereby agreed as follows:

TERMS AND CONDITIONS

1. Ketchum shall permit Owner to install underground power infrastructure identified in Exhibit "A" within the public right-of-way, until notified by Ketchum to remove the infrastructure at which time Owner shall remove infrastructure at Owner's expense.

2. Owner shall be responsible for the maintenance of said Improvements and shall repair said improvements within 48 hours upon notice from Ketchum that repairs are needed.

3. Owner shall be responsible for restoring the sidewalk, curb and gutter and landscaping that is altered due to the construction and installation of the vault, to the satisfaction of the Director of Streets and Facilities.

4. In consideration of Ketchum allowing Owner to maintain the Improvements in the public right-of-way, Owner agrees to indemnify and hold harmless Ketchum from and against any and all claims of liability for any injury or damage to any person or property arising from the Improvements constructed, installed and maintained in the public right-of-way. Owner shall further indemnify and hold Ketchum harmless from and against any and all claims arising from any breach or default in the performance of any obligation on Owner's part to be performed under this Agreement, or arising from any negligence of Owner or Owner's agents, contractors or employees and from and against all costs, attorney's fees, expenses and liabilities incurred in

the defense of any such action or proceeding brought thereon. In the event any action or proceeding is brought against Ketchum by reason of such claim, Owner, upon notice from Ketchum, shall defend Ketchum at Owner's expense by counsel satisfactory to Ketchum. Owner, as a material part of the consideration to Ketchum, hereby assumes all risk of damages to property or injury to persons in, upon or about the Improvements constructed, installed and maintained in the public right-of-way arising from the construction, installation and maintenance of said Improvements and Owner hereby waives all claims in respect thereof against Ketchum.

5. Ketchum shall not be liable for injury to Owner's business or loss of income therefrom or for damage which may be sustained by the person, goods, wares, merchandise or property of Owner, its tenants, employees, invitees, customers, agents or contractors or any other person in or about the Subject Property caused by or resulting from the Improvements constructed, installed, removed or maintained in the public right-of-way.

6. Owner understands and agrees that by maintaining the Improvements in the public right-of-way pursuant to this Agreement, Owner obtains no claim or interest in said public right-of-way which is adverse to that of Ketchum and that Owner obtains no exclusive right to said public right-of-way nor any other right to use the public right-of-way not specifically described herein.

7. In the event either party hereto retains an attorney to enforce any of the rights, duties and obligations arising out of this Agreement, the prevailing party shall be entitled to recover from the non-prevailing party reasonable attorney's fees at the trial and appellate levels and, whether or not litigation is actually instituted.

8. This Agreement shall be governed by, construed, and enforced in accordance with the laws and decisions of the State of Idaho. Venue shall be in the District Court of the fifth Judicial District of the State of Idaho.

9. Subject to Section 13 below, this Agreement sets forth the entire understanding of the parties hereto and shall not be changed or terminated orally. It is understood and agreed by the parties hereto that there are no verbal promises or implied promises, agreements, stipulations or other representations of any kind or character pertaining to the Improvements maintained in the public right-of-way other than as set forth in this Agreement.

10. No presumption shall exist in favor of or against any party to this Agreement as the result of the drafting and preparation of this document.

11. This Agreement shall be recorded with the Blaine County Recorder by Ketchum.

12. The parties fully understand all the provisions of this Agreement, and believe them to be fair, just, adequate and reasonable, and accordingly accept the provisions of this Agreement freely and voluntarily.

13. Notwithstanding any other provision of this Agreement, this Agreement shall be subject in all respects to the terms of the Franchise Agreement between Owner and Ketchum set forth in Ketchum Ordinance No. 1092 adopted by Ketchum on May 7, 2012, as such Franchise Agreement may be amended, extended or replaced by a new franchise agreement in the future ("Franchise Agreement"), and in the event of any conflict or uncertainty between the terms of this Agreement and the Franchise Agreement, the Franchise Agreement shall control.

EXHIBIT "A"

KETCHUM SUBSTATION TO WOOD RIVER SUBSTATION 138kV UNDERGROUND TRANSMISSION LINE BLAINE COUNTY, IDAHO

REVISION

A	03-08-2023	ISSUED FOR PERMIT	AS/ERS
B	03-10-2023	ISSUED FOR PERMIT	AS/ERS
C	03-28-2023	ISSUED FOR PERMIT	AS/ERS

GENERAL NOTES

- THE UTILITIES AND NATURAL FEATURES SHOWN HEREON ARE BASED ON FIELD SURVEYS, AERIAL PHOTOGRAPHY AND RECORD DOCUMENTS. OTHER FACILITIES MAY EXIST NOT DISCOVERED THROUGH THE RECORD CHECK. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, BOTH HORIZONTAL AND VERTICAL, OF ALL UTILITIES THROUGH THE APPROPRIATE UTILITY COMPANIES. CALL BEFORE YOU DIG, 811 OR 1-800-342-1585.
- VERTICAL LOCATION OF SUBSURFACE UTILITY LINES ARE BASED ON ASSUMED DEPTHS AND MAY VARY FROM THE ACTUAL VERTICAL LOCATIONS USING BEST AVAILABLE INFORMATION AND ARE APPROXIMATE. BUILDING SERVICE CONNECTIONS (ELECTRIC, GAS, TELEPHONE, WATER AND SANITARY) ARE NOT SHOWN. CONTRACTOR IS TO ASSUME SERVICES ARE PRESENT TO ALL BUILDINGS.
- ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RETURNED TO THE ORIGINAL CONDITION OR BETTER AS DETERMINED BY OWNER AND IN ACCORDANCE WITH THE APPLICABLE LOCAL AND/OR STATE REQUIREMENTS.
- CIVIL CONTRACTOR SHALL Haul AWAY ALL UNUSED EXCAVATED MATERIAL TO PERMITTED SOIL DISPOSAL SITE.
- CIVIL CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING AND REPAIRING ALL PAVEMENT DISTURBED DUE TO THE CONSTRUCTION. ALL REPLACEMENT AND REPAIRS SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE LOCAL AND/OR STATE REQUIREMENTS.
- CIVIL CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY & ALL UTILITIES AND FACILITY DAMAGED DURING CONSTRUCTION IN ACCORDANCE WITH THE APPLICABLE UTILITY SPECIFICATION, LOCAL AND/OR STATE REQUIREMENTS.
- CIVIL CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ABANDONED CONDUIT AS REQUIRED IN ACCORDANCE WITH THE APPLICABLE LOCAL AND/OR STATE REQUIREMENTS. CUT AND CAP ABANDONED UTILITIES (DO NOT CUT GAS LINES).
- CIVIL CONTRACTOR SHALL BE RESPONSIBLE FOR BUILDING TEMPORARY AND PERMANENT ACCESS ROADS. ALL TEMPORARY ACCESS ROADS WILL BE REMOVED AND ORIGINAL GRADE WILL BE RESTORED WHEN WORK IS COMPLETED.
- CIVIL CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING BEST MANAGEMENT PRACTICES FOR CONTROLLING EROSION AND SEDIMENTATION.
- CIVIL CONTRACTOR SHALL RESTORE GRADE TO PRE-CONSTRUCTION ELEVATIONS.
- DUCT BANK SHALL MAINTAIN A COVER DEPTH OF 3'-0" BELOW GRADE.
- ALL VERTICAL RADII ARE 400', AND HORIZONTAL RADII ARE 50' UNLESS OTHERWISE NOTED.
- DUCT BANK SHALL MAINTAIN MINIMUM HORIZONTAL CLEARANCE OF 6'-0" AND A MINIMUM VERTICAL CLEARANCE OF 2'-0" OVER OR UNDER EXISTING UTILITIES, UNLESS OTHERWISE SHOWN ON DRAWINGS.

SURVEY NOTES:

- THIS MAP CORRECTLY REPRESENTS CONDITIONS AND FEATURES EXISTING AT THE TIME OF THIS SURVEY IN OCTOBER, 2022.
- UNDERGROUND UTILITY LINES ARE BASED UPON A COMBINATION OF ASBUILT PLANS, SURFACE FEATURE MEASUREMENTS AND ONSITE UNDERGROUND UTILITY MARKINGS PERFORMED BY OTHERS.
- THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.
- BOUNDARY INFORMATION SHOWN HEREON IS BASED ON RECORDS OF SURVEY AND PLAT MAPS AVAILABLE TO THE SURVEYOR AT THE TIME OF SURVEY ON LANDPRO DATA.
- THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF TITLE REPORTS, WHICH MAY REVEAL RESTRICTIONS OR EASEMENTS OF RECORD.

HORIZONTAL DATUM:

HORIZONTAL DATUM FOR THIS SURVEY IS NAD 1983(2007), IDAHO CENTRAL STATE PLANE COORDINATE SYSTEM, U.S. SURVEY FEET. COORDINATES HAVE BEEN ADJUSTED FROM STATE PLANE GRID COORDINATES TO PROJECT COORDINATES USING A COMBINED SCALE FACTOR (C.S.F) OF 1.00029698. THE C.S.F WAS DETERMINED AND PREVIOUSLY USED ON ITO DISTRICT 4 PROJECT STP-F-2392(035) - KEY 3007. IN 2001 A CONVERGENCE ANGLE OF -00°14'30.7120" WAS CALCULATED AT N.G.S. STATION "8 A".

POINT DESIGNATION "8 A"
NORTHING: 721738.66
EASTING: 1547665.26

VERTICAL DATUM:

VERTICAL DATUM IS NAVD83 BASED ON PUBLISHED INFORMATION FROM N.G.S., POINT DESIGNATION "8 A"

POINT DESIGNATION
ELEVATION: 5689.62

WATER DEPARTMENT NOTES:

- CONTRACTOR TO NOTIFY CITY WATER DEPARTMENT PRIOR TO ANY MAIN LINE CROSSINGS.
- DUCT BANK SHALL MAINTAIN MINIMUM HORIZONTAL CLEARANCE OF 6'-0" AND A MINIMUM VERTICAL CLEARANCE OF 2'-0" OVER OR UNDER EXISTING WATER UTILITIES, UNLESS OTHERWISE SHOWN ON DRAWINGS.

STREET DEPARTMENT NOTES:

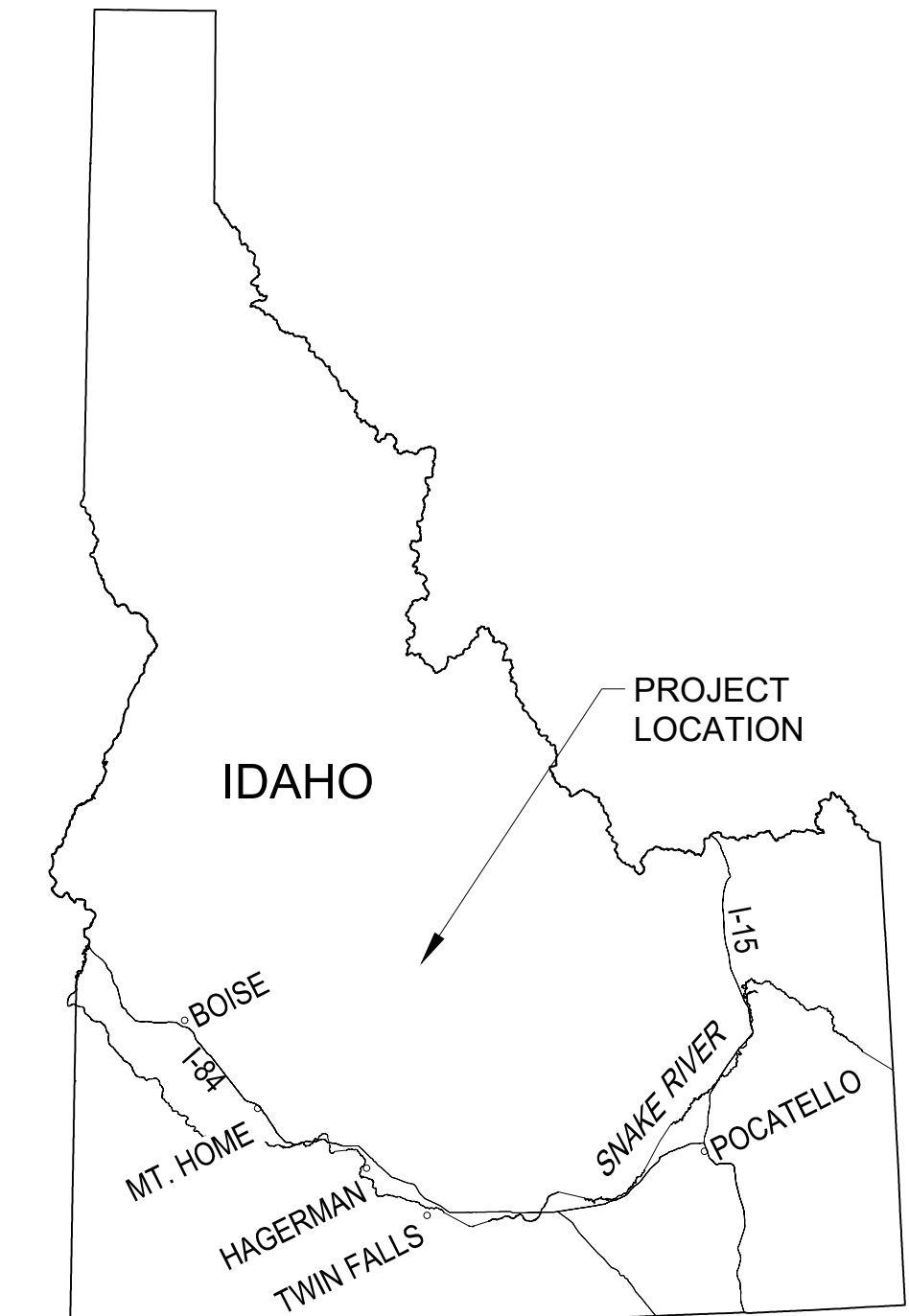
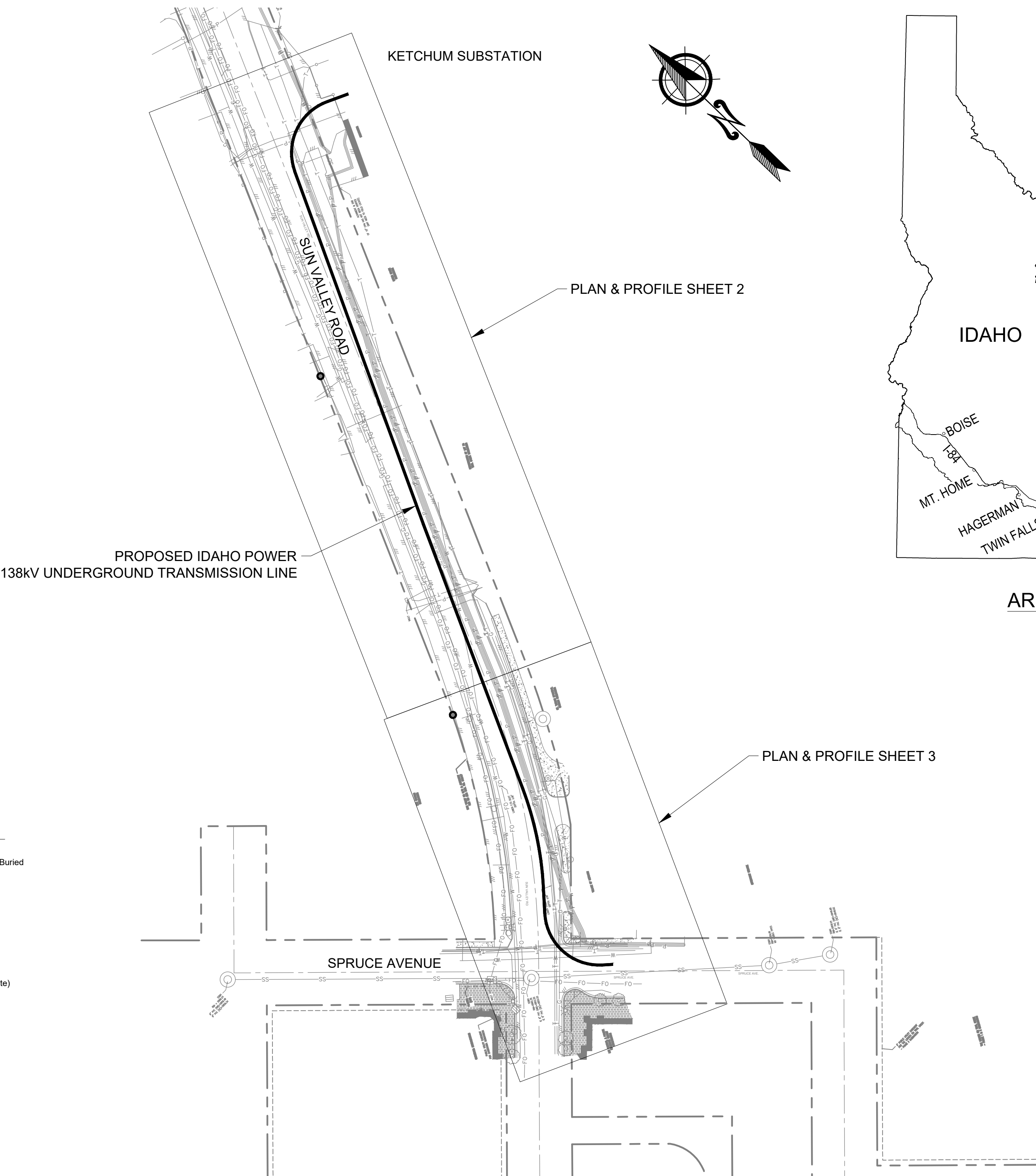
- APRIL 17th STARTING DATE IS WEATHER DEPENDENT.
- CONTRACTOR TO PROVIDE A DETAILED TRAFFIC CONTROL PLAN. DIG PERMIT IS REQUIRED FOR CONSTRUCTION ACTIVITIES TO COMMENCE.
- PUBLIC NOTICE ANNOUNCEMENT REQUIRED IN THE MOUNTAIN EXPRESS AS WELL AS DOOR KNOCKERS TO THOSE RESIDENTS IMPACTED BY CONSTRUCTION. REQUIRES AT LEAST THREE DAYS ADVANCED NOTICE.
- CONTRACTOR TO BE ONSITE DAILY UNTIL PROJECT IS COMPLETED (EXCLUDING WEEKENDS AND HOLIDAYS).
- ONE LANE MUST ALWAYS BE OPEN UNLESS FULL CLOSURE IS NECESSARY. ACCESS FOR RESIDENTIAL AND BUSINESSES MUST BE MAINTAINED.
- TRENCHES MUST BE STRAIGHT AND NEAT.
- ALL ASPHALT CUTS TO BE SAW CUT AT A MINIMUM OF TWO FEET BACK FROM THE DEEPEST UNDERMINE.
- NO OPEN TRENCHES TO BE LEFT OPEN OVERNIGHT UNLESS PLATED OR BARRICADED. PARKED EQUIPMENT AND STORED MATERIALS SHALL BE AS FAR FROM THE TRAVELED WAY AS FEASIBLE. ITEMS, EXCAVATIONS OR OBSTACLES WITHIN 30 FEET OF THE TRAVELED WAY SHALL BE PROPERLY MARKED AND/OR PROTECTED.
- CONTRACTOR TO KEEP STREETS CLEAN FROM ROCKS, DIRT, MUD, ETC. DAILY.
- STREET DEPARTMENT MUST BE CALLED FOR INSPECTION BEFORE BACKFILLING AND ASPHALT.
- CONTRACTOR TO KEEP ASPHALT CUT JOINTS AND VAULT COVERS OUT OF WHEEL LANES, WHERE POSSIBLE.
- PAVEMENT MARKINGS DAMAGED OR REMOVED FOR CONSTRUCTION SHALL BE REPAINTED.
- STEEL TRACK EQUIPMENT IS NOT PERMITTED ON CITY STREETS. ANY DAMAGE CAUSED THROUGH CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR.

ENGINEERING NOTES

- TEMPERATURES FOR PAVING AND PATCH BACK MUST BE 40°F AND RISING.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER, OWNER AND STREET DEPARTMENT OF ANY CHANGES TO THE DESIGN.
- ALL CONSTRUCTION REQUIRED TO MEET APPLICABLE CITY OF KETCHUM'S CONSTRUCTION ACTIVITY STANDARDS INCLUDING, BUT NOT LIMITED TO:
 - PUBLIC NOTICING
 - DUST, MUD, SAND AND GRAVEL CONTROL ON ALL STREETS
 - TEMPORARY RESTROOMS
 - THE SITE SHALL BE KEPT CLEAN AND IN AN ORDERLY CONDITION. TRASH SHALL BE PICKED UP ON THE SITE AND SURROUNDING AREAS ON A DAILY BASIS AND MATERIAL SHALL BE STORED IN NEAT, TIDY PILES.
- CONSTRUCTION HOURS ARE BETWEEN 7:30 AM TO 7:00 PM ON WEEKDAYS AND SATURDAYS. NO CONSTRUCTION IS PERMITTED ON SUNDAYS OR MAJOR HOLIDAYS.
- ALL STREET TRENCHING IS REQUIRED TO BE SLURRIED PER ISPCW STANDARDS AND CITY OF KETCHUM - STANDARD DRAWING SD-306
- IDAHO POWER SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE CITY OF KETCHUM PERSONNEL A MINIMUM OF 30 DAYS PRIOR TO CONSTRUCTION WHEN PRACTICAL
- RESTORATION OR REPAIR MUST MATCH EXISTING LINES AND GRADE AND NOT CAUSE DRAINAGE ISSUES. CONTRACTOR TO REPAIR OR REPLACE ANY DAMAGED LANDSCAPE AND IRRIGATION. ALL REPAIRS TO BE OF EQUAL OR BETTER VALUE.
- CONTRACTOR SHALL PROVIDE A SAFETY PLAN IN THE EVENT OF FIRE OR MEDICAL EMERGENCY IN THE AREA OF CONSTRUCTION AND TO INCLUDE A SINGLE POINT OF CONTACT. ALL CREW EMERGENCIES INVOLVING A TRENCH OR VAULT RESCUE SHALL BE CLEARLY COMMUNICATED.
- VEHICLE PARKING AND MATERIAL STORAGE DURING CONSTRUCTION SHALL NOT RESTRICT OR OBSTRUCT PUBLIC STREETS OR ACCESS TO ANY BUILDING, WHEN POSSIBLE. A MINIMUM 20 FT. TRAVEL LANE FOR EMERGENCY VEHICLE ACCESS AND 15 FT. WITHIN FIRE HYDRANTS SHALL BE MAINTAINED CLEAR AND UNOBSTRUCTED, WHEN POSSIBLE.

LEGEND

Property Line / Right-of-way Easement	TV	Cable TV Line, Buried
Building / Structure	CX	Cox Communication Line, Buried
Concrete	G	Cable TV Riser
Concrete Curb & Gutter	G A	Gas Line, Buried
Conifer Tree	G V	Gas Valve
Deciduous Tree	G M	Gas Marker
Dripline of Trees	G F	Gas Meter
Fence	T	Gas Service
Pavers	T	Telephone Line, Buried
Retaining / Landscape Wall	PH	Telephone Line, Buried
Retaining / Landscape Wall	PH	(Paint Markings Incomplete)
Retaining / Landscape Wall	PH	Telephone Riser
Sign	PH	Telephone Manhole
Stone / Masonry Fence Column	PH	Power Line, buried
Bridge	PH	Power Line, overhead
Gravel Road/Drive	PH	Power Box
Edge of Water	PH	Utility Pole
Large Rock	PH	Guywire
PEDESTRIAN GUARD RAIL	PH	Street Light
	PH	Traffic Signal Light
	PH	Power Vault
	PH	Electrical Control Boxes
	PH	Storm Drain
	PH	Culvert
	PH	Drywell
	PH	Catch Basin
	PH	Sewer Main
	PH	Sewer Service
	PH	Sewer Manhole
	PH	Water Line
	PH	Fire Hydrant
	PH	Water Valve
	PH	Well
	PH	Water Vault
	PH	Irrigation Box / Valve
	PH	Water Meter



AREA MAP
N.T.S.

PROPOSED IDAHO POWER
138KV UNDERGROUND TRANSMISSION LINE

VICINITY MAP

PRELIMINARY
NOT FOR CONSTRUCTION

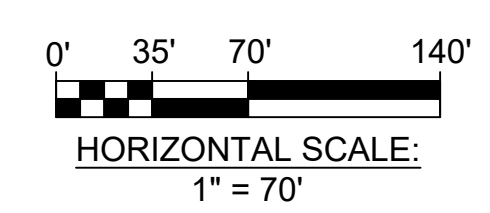
**WOOD RIVER SUBSTATION
TO KETCHUM SUBSTATION
COVER SHEET**

IDAHO POWER COMPANY BOISE, IDAHO

SCALE: AS NOTED DATE: 3/28/2023

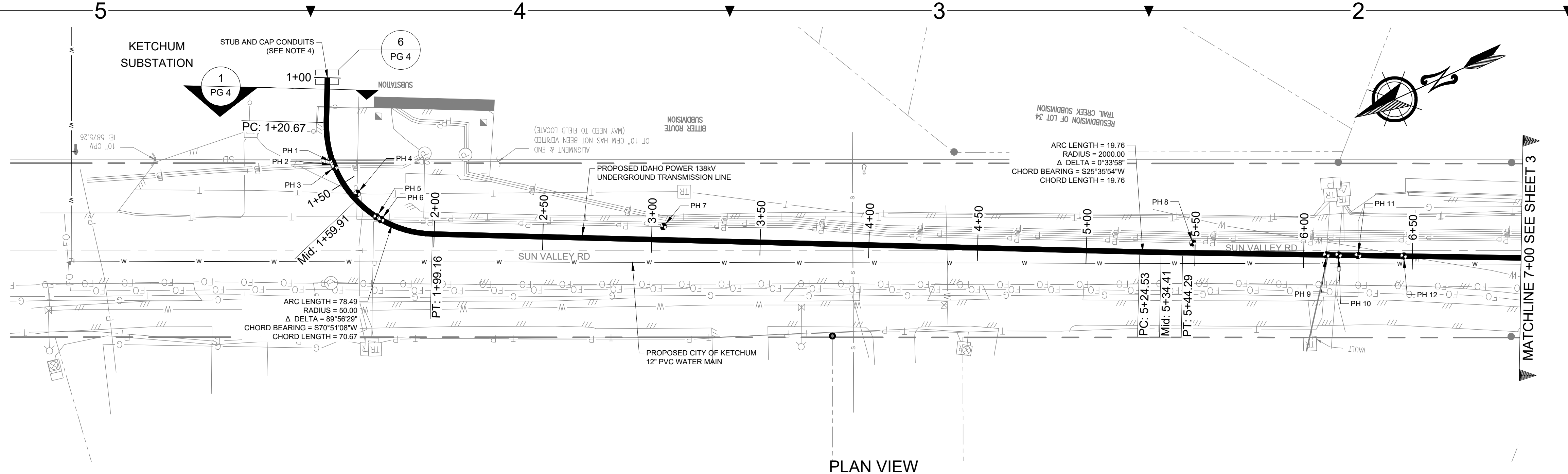
DS. ERS	APPROVED		SHT. 1 4
DR. ERS			
REV. CH. AS			

THREE BUSINESS DAYS BEFORE YOU DIG CALL
IDAHO DIG LINE INC. 811
TOLL FREE
1-800-342-1585

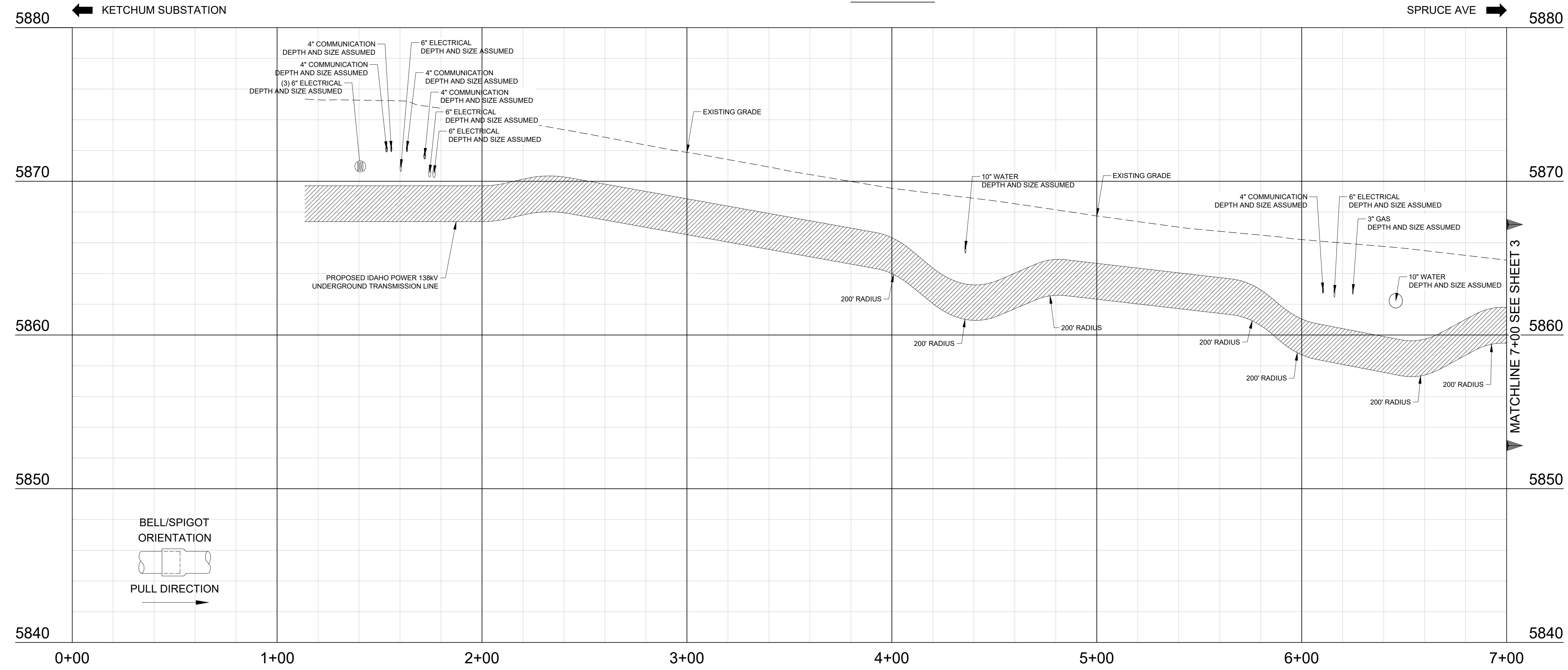


VAULT NO. 21D-XXXX-XXX

REVISION	
A	03-08-2023 ISSUED FOR PERMIT
B	03-10-2023 ISSUED FOR PERMIT
C	03-28-2023 ISSUED FOR PERMIT



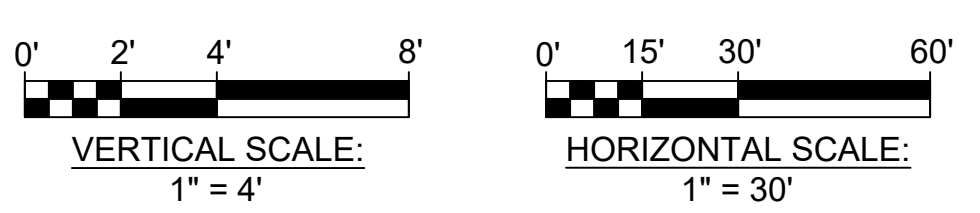
PLAN VIEW



PROFILE VIEW

- NOTES:**
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 2. VERTICAL LOCATION OF SUBSURFACE UTILITY LINES ARE BASED ON ASSUMED DEPTHS AND MAY VARY FROM THE ACTUAL VERTICAL LOCATIONS.
 3. ALL DUCT BANK SECTION VIEWS ARE LOOKING AHEAD ON STATIONING. STATIONING IS APPROXIMATE AND DOES ACCOUNT FOR TRANSITIONS.
 4. CIVIL CONTRACTOR TO STUB CONDUITS OUT OF DUCT BANK BULKHEAD AND STAGGER ENDS. CONDUITS TO BE CAPPED AND MARKED FOR FUTURE EXCAVATION AND CONNECTION.

THREE BUSINESS DAYS BEFORE YOU DIG CALL
IDAHO DIG LINE INC. 811
 TOLL FREE
1-800-342-1585



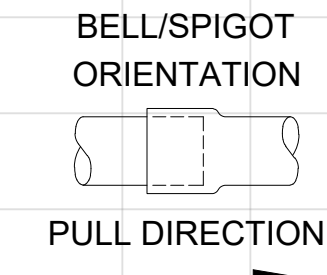
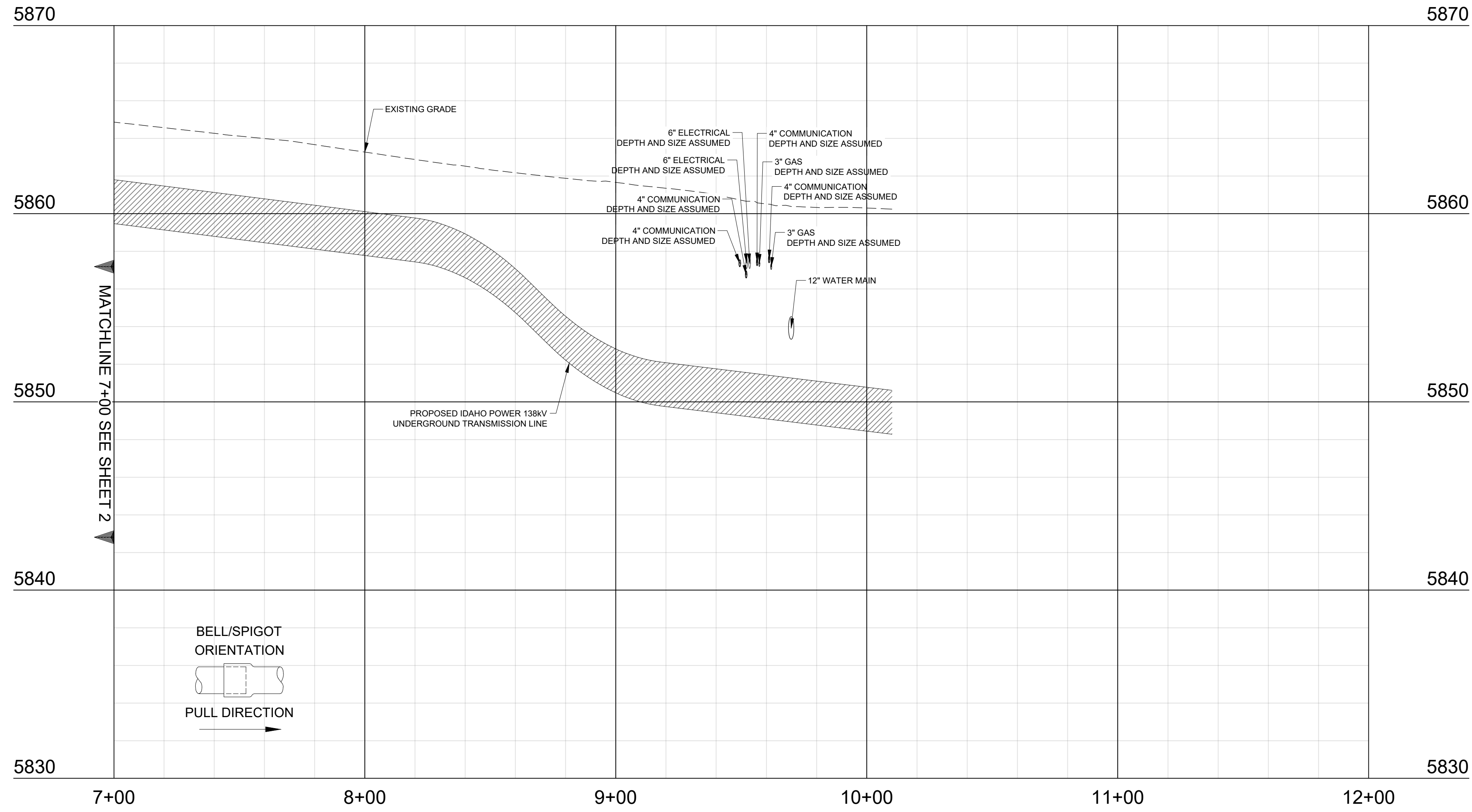
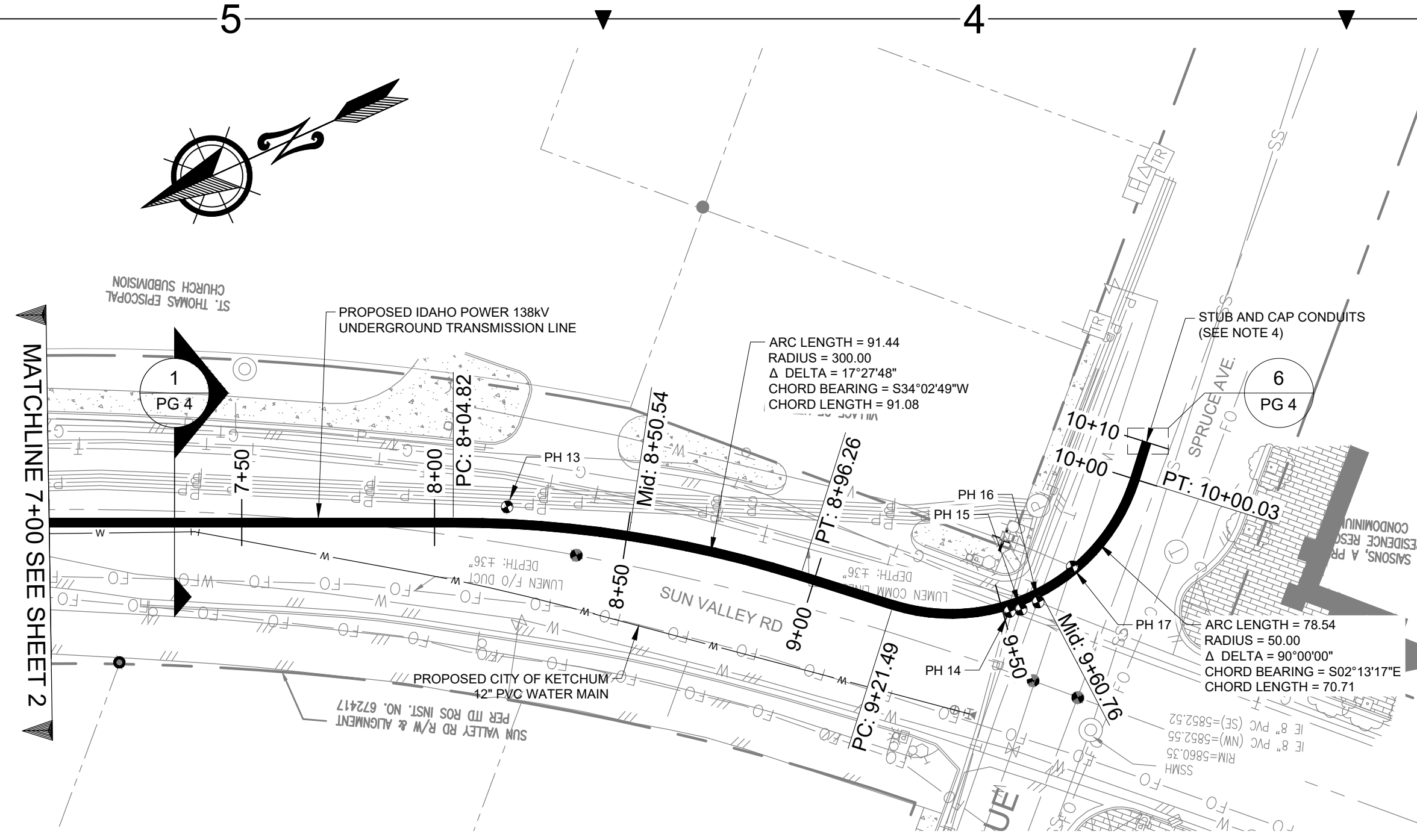
PRELIMINARY
 NOT FOR CONSTRUCTION

REFERENCE DRAWINGS	
WOOD RIVER SUBSTATION TO KETCHUM SUBSTATION PLAN & PROFILE 1+00 TO 7+00	
IDAHO POWER COMPANY BOISE, IDAHO	
SCALE: AS NOTED	DATE: 3/28/2023
DS. ERS	APPROVED
DR. ERS	CH. AS
REV. CH. AS	SHT. 2 of 4

VAULT NO. 21D-XXXX-XXX

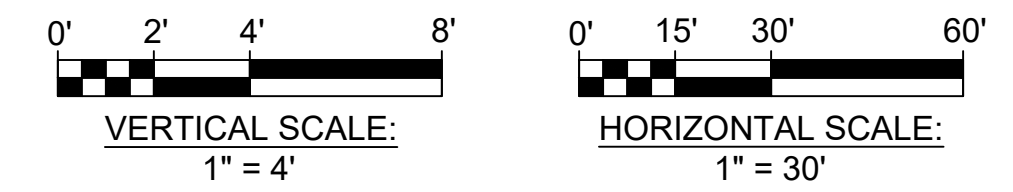
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REVISION	
A	03-08-2023 ISSUED FOR PERMIT
ENG PROJ. ID. W.O. #	
AS/ERS	
B	03-10-2023 ISSUED FOR PERMIT
ENG PROJ. ID. W.O. #	
C	03-28-2023 ISSUED FOR PERMIT
ENG PROJ. ID. W.O. #	



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IDAHO DIG LINE INC. 811
 TOLL FREE
1-800-342-1585

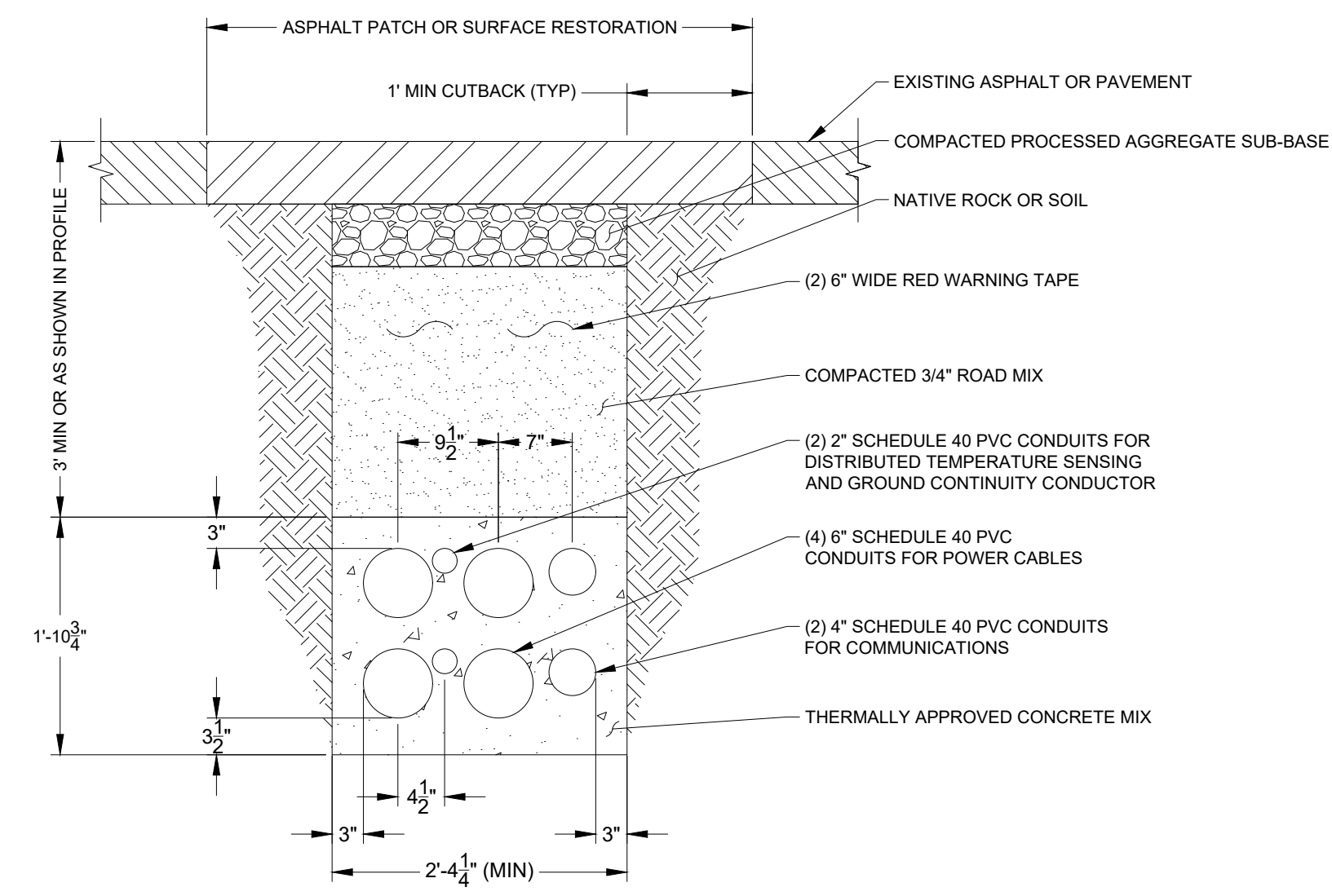


PRELIMINARY
 NOT FOR CONSTRUCTION

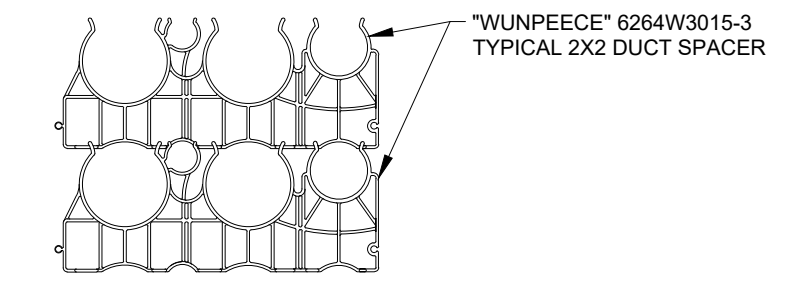
REFERENCE DRAWINGS	
WOOD RIVER SUBSTATION TO KETCHUM SUBSTATION PLAN & PROFILE 7+00 TO 14+00	
IDAHO POWER COMPANY BOISE, IDAHO	
SCALE: AS NOTED	DATE: 3/28/2023
DS. ERS	APPROVED
DR. ERS	
REV. CH. AS	
VAULT NO. 21D-XXXX-XXX	
SHT. 3 4	

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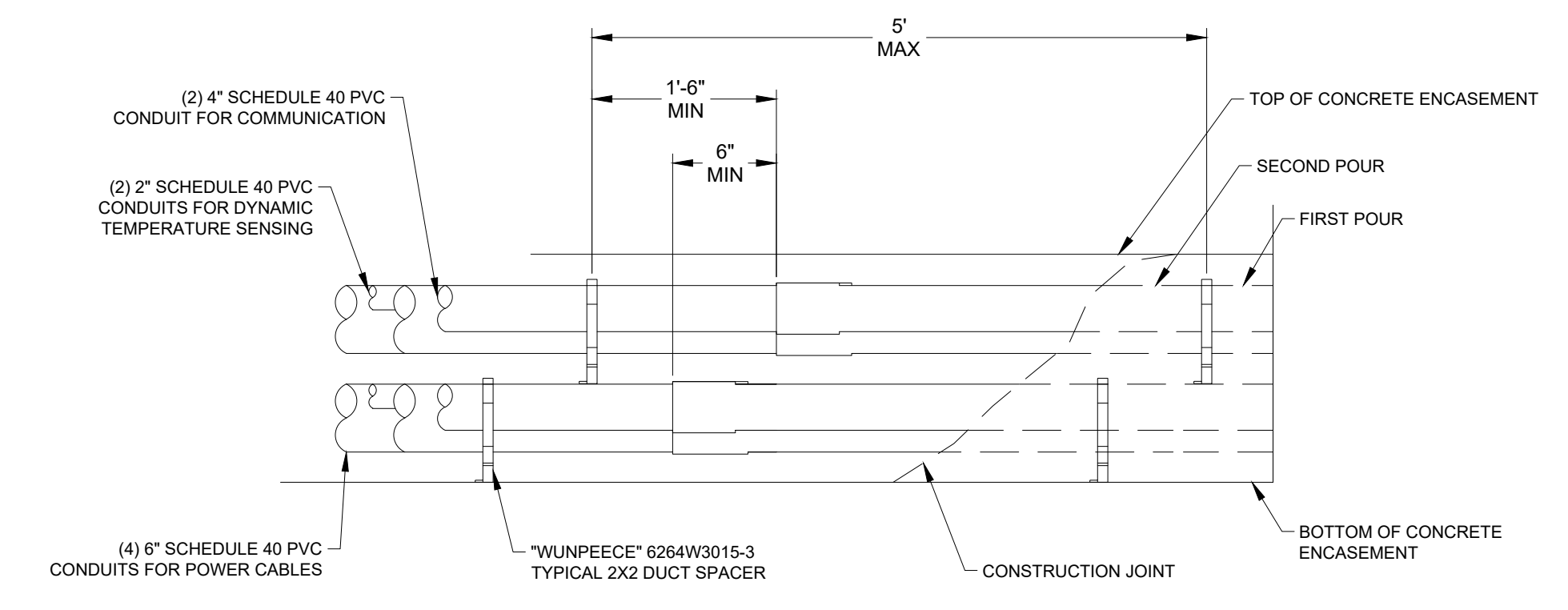
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B	03-10-2023 ISSUED FOR PERMIT ENG PROJ. ID. W.O. #
C	03-28-2023 ISSUED FOR PERMIT ENG PROJ. ID. W.O. #



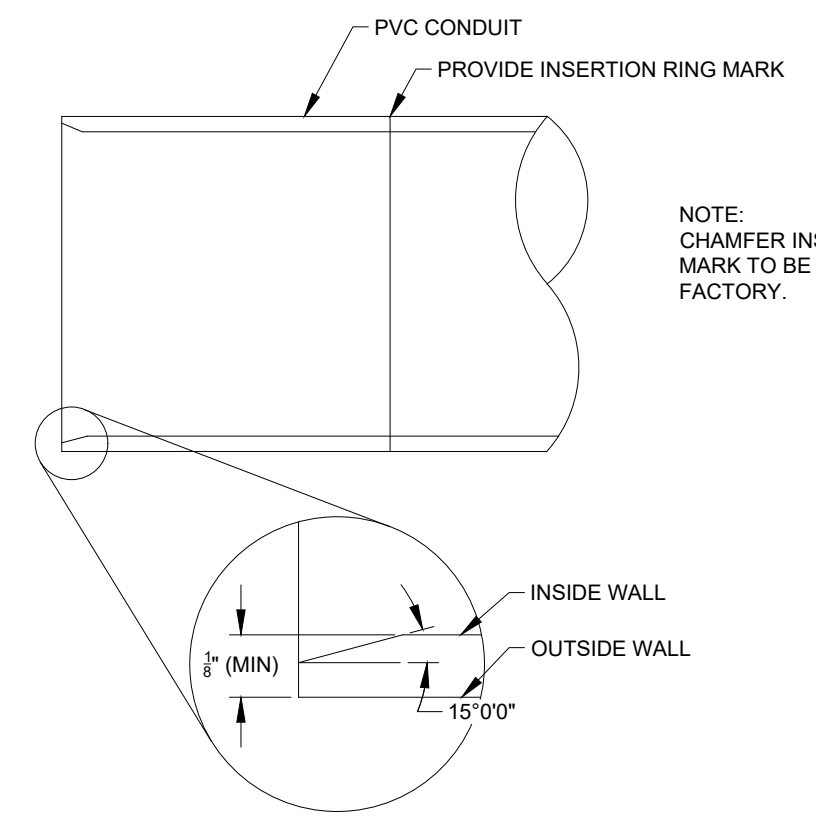
DETAIL 1 - TYPICAL 2X2 DUCT BANK DETAIL
SCALE: N.T.S.



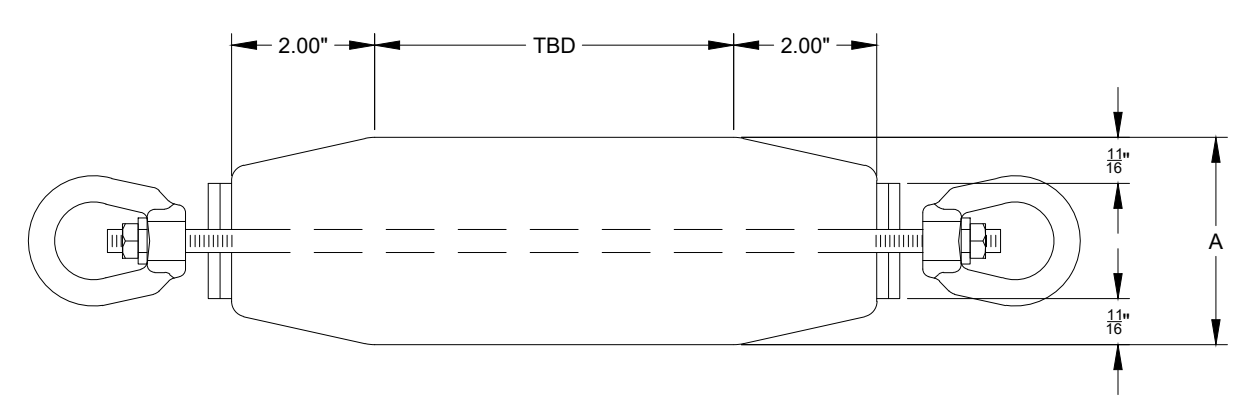
DETAIL 2 - TYPICAL 2X2 DUCT SPACER ARRANGEMENT
SCALE: N.T.S.



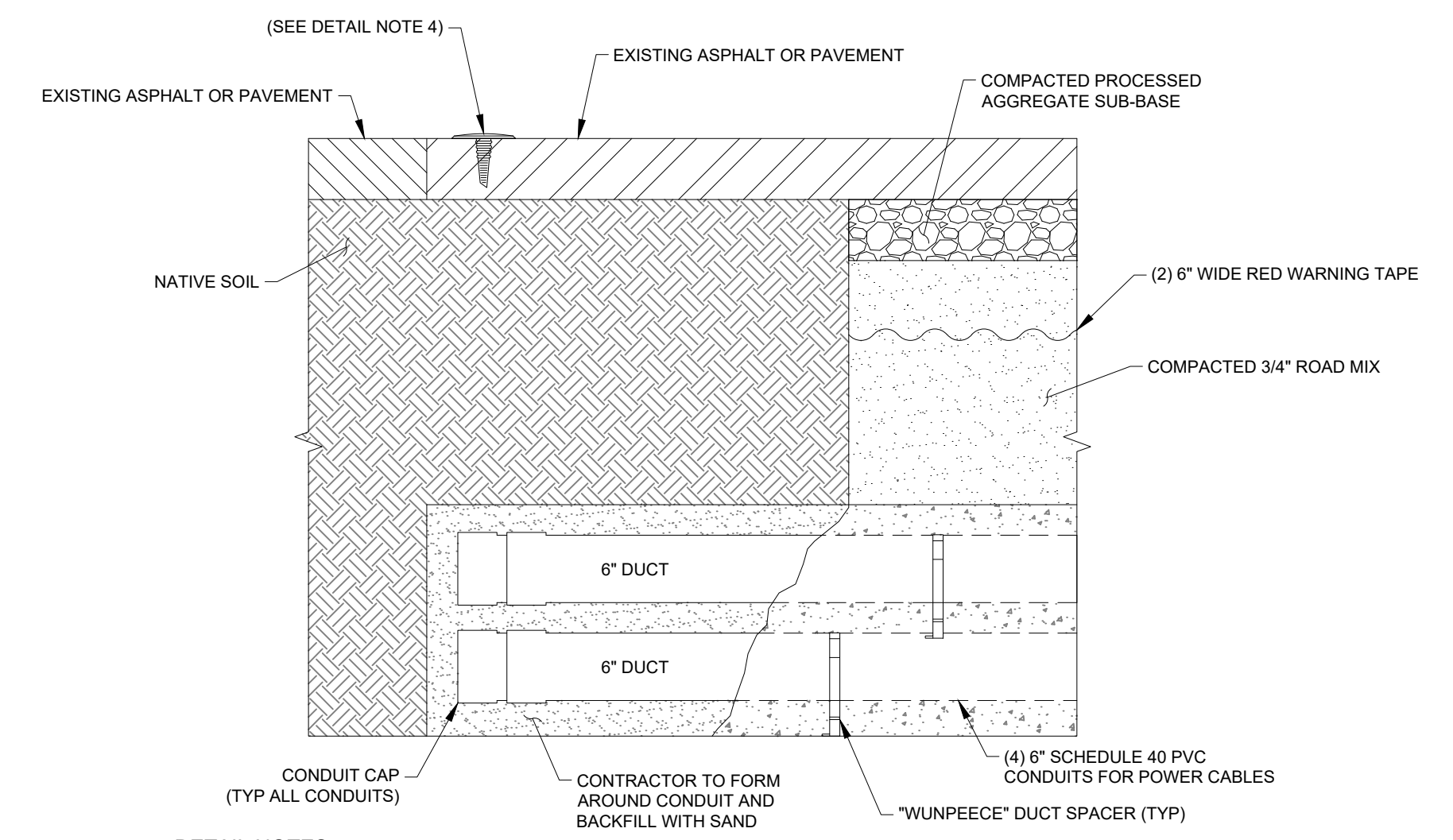
DETAIL 3 - TYPICAL 2X2 DUCT ELEVATION
SCALE: N.T.S.



DETAIL 4 - TYPICAL CHAMFER DETAIL
SCALE: N.T.S.

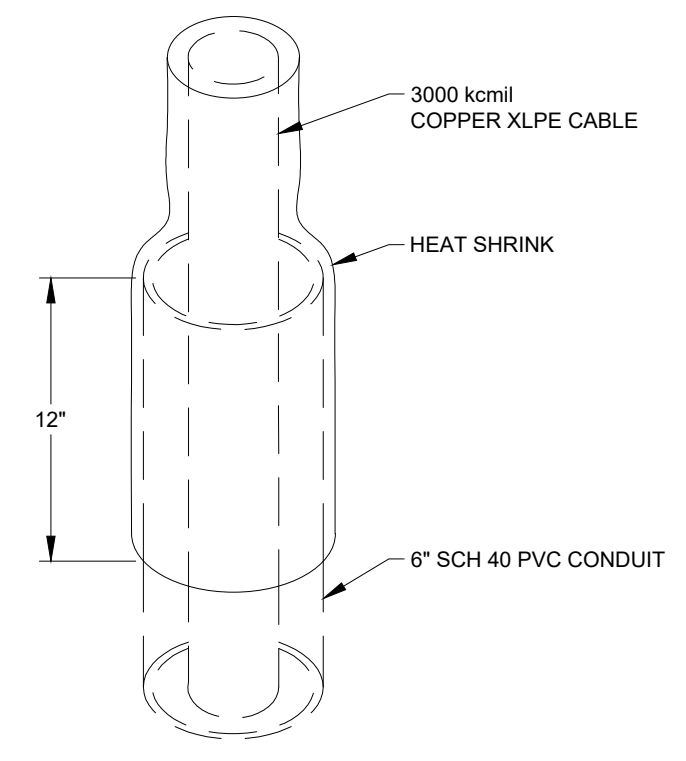


DETAIL 5 - TYPICAL MANDREL DETAIL
SCALE: N.T.S.



- DETAIL NOTES:
- 2" AND 4" CONDUITS NOT SHOWN FOR CLARITY.
 - BURIAL DEPTH TO MATCH DUCTBANK CONFIGURATION DETAIL AT STATIONING.
 - DUCTBANK STUBOUT OUTSIDE PAVEMENT TO MATCH BACKFILL REQUIREMENTS OF DUCTBANK SECTION
 - CONTRACTOR TO FURNISH AND INSTALL ELECTRONIC MARKER

DETAIL 6 - TYPICAL STUB-OUT DETAIL
SCALE: N.T.S.



DETAIL 6 - TYPICAL HEAT SHRINK DETAIL
SCALE: N.T.S.

- NOTES:
- STAGGER BELL ENDS.
 - AVOID STANDING ON CONDUIT.
 - CEMENT ALL JOINTS IN ACCORDANCE WITH CONDUIT MANUFACTURER'S SPECIFICATIONS.
 - BELL ENDS SHALL BE ORIENTED SUCH THAT THE CABLE PULL DIRECTION WILL ENTER BELL END OF ALL CONDUITS FIRST.
 - ALL DUCT SPACERS ARE UNDERGROUND DEVICES "WUNPEECE" SPACERS OR APPROVED EQUIVALENT.
 - ALL CONDUITS SHALL BE FULLY PROTECTED FROM PROLONGED SUNLIGHT EXPOSURE DURING STORAGE AND CONSTRUCTION.

THREE BUSINESS DAYS BEFORE YOU DIG CALL
IDAHO DIG LINE INC. 811
TOLL FREE
1-800-342-1585

PRELIMINARY
NOT FOR CONSTRUCTION

REFERENCE DRAWINGS			
21D-####-#	DWG. TITLE		
WOOD RIVER SUBSTATION TO KETCHUM SUBSTATION DUCT BANK DETAILS			
IDAHO POWER COMPANY BOISE, IDAHO			
SCALE: NTS		DATE: 3/28/2023	
DS. ERS	APPROVED	21D-XXXX-XXX	
A	DR. ERS		
REV.	CH. AS	SHT. 4	4

VAULT NO. 21D-XXXX-XXX