



City of Ketchum

CITY COUNCIL MEETING AGENDA MEMO

Meeting Date: Staff Member/Dept:

Agenda Item: **Recommendation to Approve Right-of-Way Encroachment Agreement 24907 for the installation of underground power transmission lines and duct bank in the public right-of-way on Second Street.**

Recommended Motion:

I move to authorize the Mayor to sign Right-of-Way Encroachment Agreement 24907 between the City and Idaho Power.

Reasons for Recommendation:

- The improvements will not impact the use or operation of Second Street.
- The improvements will not impact drainage or snow removal within the public right-of-way.
- The project complies with standards for Right-of-Way Encroachment Permit issuance specified in Ketchum Municipal Code §12.12.060.

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

The purpose of this project is to provide a redundant underground power source for future growth and community demand. Engineering, Streets, Water and Sewer, departments have reviewed the layout of the proposed utilities. No new above grade facilities are proposed within the City’s ROW.

Pursuant to Ketchum Municipal Code §12.12.040.C, a Right-of-Way Encroachment Permit is required for any permanent encroachment of the public right-of-way were a permanent fixture to the ground or a building will occur. The associated Right-of-Way Encroachment Agreement is intended to help protect the City in the event the proposed encroachment was to ever pose an issue requiring repair, relocation, or removal of the encroachment.

Sustainability Impact:

None OR state impact here: Reduce visual impacts within the ROW promoting walkability and vehicular traffic reducing carbon emissions.

Financial Impact:

None OR Adequate funds exist in account:

Attachments:

1. Right-of-Way Encroachment Agreement 24907
2. Exhibit “A”
3. Exhibit “B”

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 24907

THIS AGREEMENT, made and entered into this ____ day of ____, 2024, 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-way of Second Street. 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.

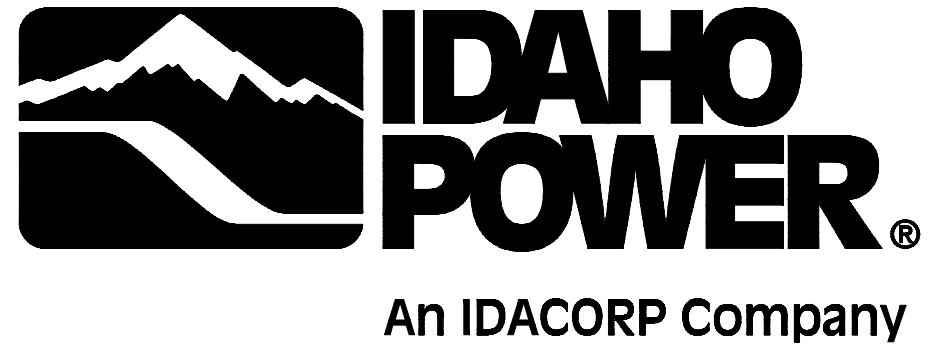
11. This Agreement shall be recorded with the Blaine County Recorder by Ketchum.

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"

VAULT NO. 21D-XXXXX-XXX



KETCHUM SUBSTATION TO PROPOSED TRANSITION STATION 138kV UNDERGROUND TRANSMISSION LINE

BLAINE COUNTY, IDAHO

DRAWING LIST		
PROJECT SHT NO.	DRAWING NO.	DESCRIPTION
1	G1-1	ROUTE MAP
2	P1-1	KETCHUM SUBSTATION PLAN & PROFILE
3	P1-2	ON HOLD PLAN & PROFILE 1+00 TO 7+00
4	P1-3	ON HOLD PLAN & PROFILE 7+00 TO 10+00
5	P1-4	PLAN & PROFILE 10+00 TO 15+00
6	P1-5	PLAN & PROFILE 15+00 TO 22+00
7	P1-6	PLAN & PROFILE 22+00 TO 27+00
8	P1-7	PLAN & PROFILE 27+00 TO 33+00
9	P1-8	ON HOLD PLAN & PROFILE 34+00 TO 41+00
10	P1-9	PLAN & PROFILE 41+00 TO 49+00
11	P1-10	PLAN & PROFILE 49+00 TO 56+00
12	P1-11	PLAN & PROFILE 56+00 TO 63+00
13	P1-12	PLAN & PROFILE 63+00 TO 70+00
14	P1-13	PLAN & PROFILE 70+00 TO 77+00
15	P1-14	PLAN & PROFILE 77+00 TO 84+00
16	P1-15	PLAN & PROFILE 84+00 TO 91+00
17	P1-16	PLAN & PROFILE 91+00 TO 98+00
18	P1-17	PLAN & PROFILE 98+00 TO 105+00
19	P1-18	PLAN & PROFILE 105+00 TO 112+00
20	P1-19	ON HOLD PLAN & PROFILE 112+00 TO 119+00
21	P1-20	ON HOLD PLAN & PROFILE 119+00 TO 126+00
22	P1-21	PLAN & PROFILE 126+00 TO 133+00
23	P1-22	PLAN & PROFILE 133+00 TO 139+00
24	P1-23	PLAN & PROFILE 139+00 TO 142+00
25	P1-24	PLAN & PROFILE 142+00 TO 148+00
26	P1-25	PLAN & PROFILE 148+00 TO 155+00
27	P1-26	PLAN & PROFILE 155+00 TO 162+00
28	P1-27	PLAN & PROFILE 162+00 TO 169+00
29	P1-28	PLAN & PROFILE 169+00 TO 176+00
30	P1-29	PLAN & PROFILE 176+00 TO 183+00
31	U0-1	DUCTBANK DETAILS
32	U0-2	DUCT BANK DETAILS
33	U0-4	ON HOLD MISCELLANEOUS DETAILS
34	U0-5	ON HOLD UNDER CROSSING DETAILS
35	U0-6	ON HOLD TRANSITION DETAILS
36	U1-1	ON HOLD MANHOLE DETAILS
37	U1-2	ON HOLD EXISTING MANHOLE DETAILS
38	U1-3	HANDHOLE DETAILS
39	U3-1	BONDING SCHEMATIC

CONTACTS

IPC PROJECT LEADER:
TOM BARBER (208) 388-5667

POWER PROJECT LEADER:
DAREL TRACY (208) 288-6254

POWER UNDERGROUND PROJECT ENGINEER:
ADAM SMITH (208) 788-0443

POWER UNDERGROUND DESIGN ENGINEER:
LUCAS BAUMGARTNER (208) 884-6011

NOTES

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 FACILITIES 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 SURFACE PER THE SPECIFICATION.
- DUCT BANK SHALL MAINTAIN A COVER DEPTH OF 3'-0" BELOW GRADE. DUCT BANK SHALL MAINTAIN A COVER DEPTH OF 4'-0" BELOW GRADE WITHIN IDAHO TRANSPORTATION (ITD) RIGHT-OF-WAY.
- ALL VERTICAL RADII ARE 400', AND HORIZONTAL RADII ARE 50' UNLESS OTHERWISE NOTED.
- DUCTBANK SHALL MAINTAIN MINIMUM VERTICAL CLEARANCE OF 2'-0" OVER OR UNDER EXISTING AND PROPOSED UTILITIES, UNLESS OTHERWISE SHOWN ON THE DRAWINGS. DUCTBANK SHALL MAINTAIN HORIZONTAL CLEARANCE OF 2'-0" UNLESS OTHERWISE SHOWN ON THE DRAWINGS OR NOTED BELOW.
 - CITY OF KETCHUM REQUIRES HORIZONTAL CLEARANCE OF 6'-0"
 - INTERMOUNTAIN GAS REQUIRES VERTICAL CLEARANCE OF 1'-0"

SURVEY NOTES:

- THIS MAP CORRECTLY REPRESENTS CONDITIONS AND FEATURES EXISTING AT THE TIME OF THIS SURVEY IN JULY, 2023.
- 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 PLOT 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.

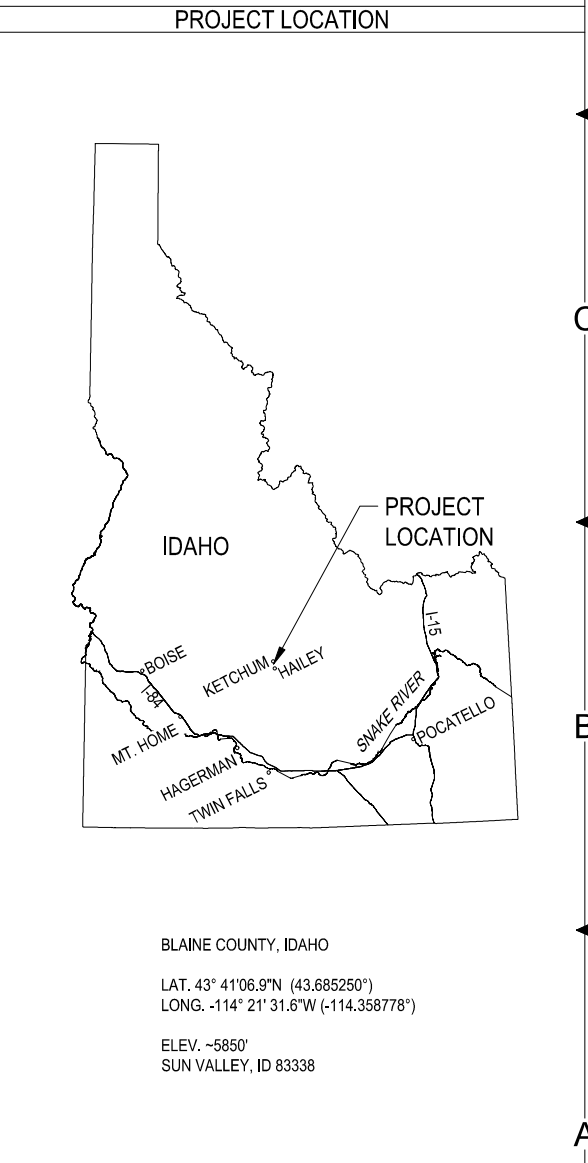
NOTES

CITY OF KETCHUM STREET DEPARTMENT NOTES:

- 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 FOOT 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 ISPPWC STANDARDS AND CITY OF KETCHUM - STANDARD DRAWING SD-305.
- 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.
- AS-BUILT DRAWINGS OF THE COMPLETED WORK SHALL BE PROVIDED TO THE ENGINEER, OWNER, AND CITY RECORDS.



By: mmiller Date: 2/27/2024 11:31 AM Path: C:\pwworking\powereng_miller\pwworking\2024\01009\190240108_Cover Sheet

KETCHUM SUBSTATION TO PROPOSED TRANSITION STATION 138kV UNDERGROUND TRANSMISSION LINE BLAINE COUNTY, IDAHO

REVISION

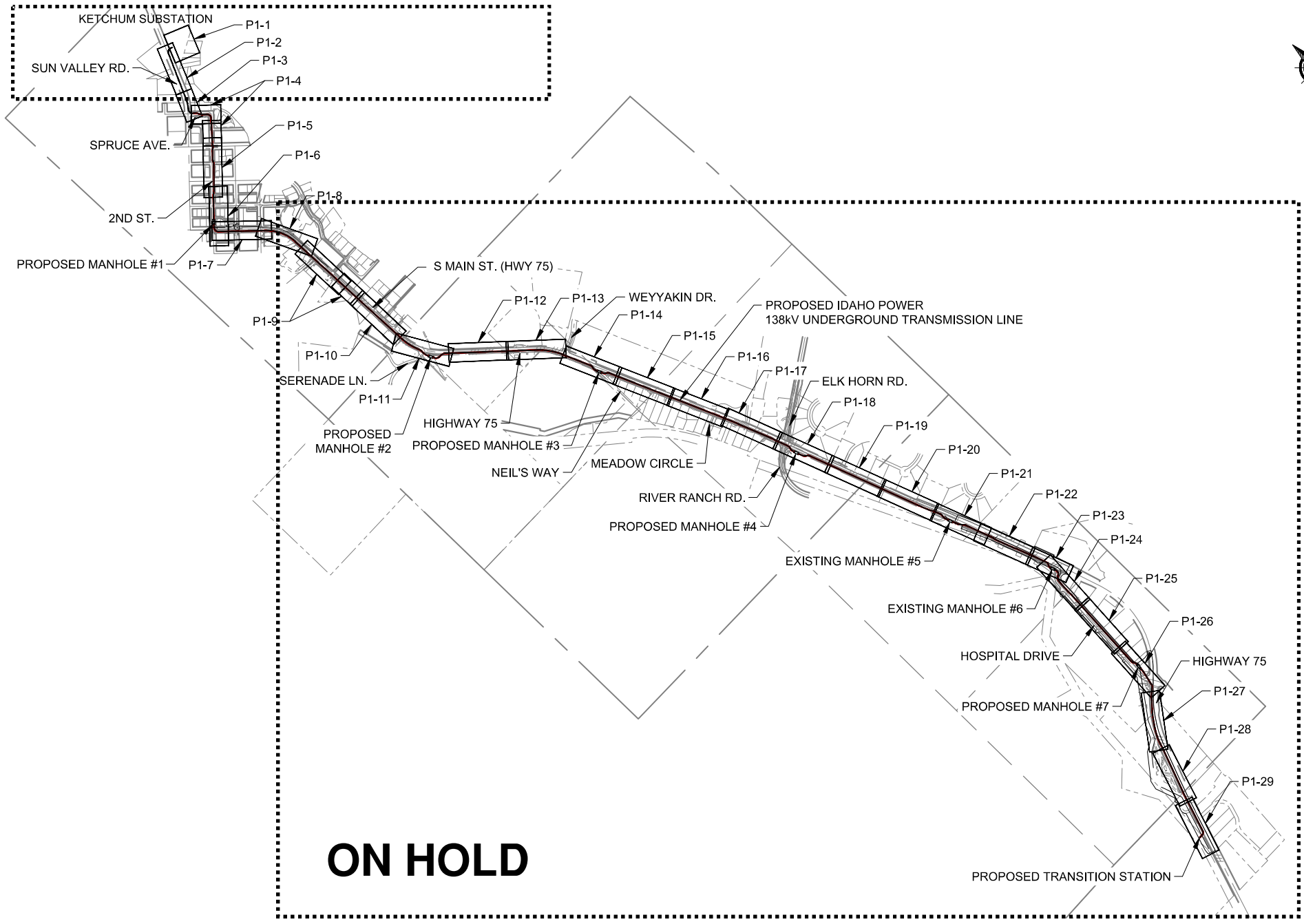
A	8/30/2023	ISSUED FOR PERMIT	
	ENG	PROJ. ID. W.O. #	AS/ERS
B	10/20/2023	ISSUED FOR BID	
	ENG	PROJ. ID. W.O. #	AS/ERS
C	02/02/2024	ISSUED FOR BID	
	ENG	PROJ. ID. W.O. #	AS/MJM
D	03/15/2024	ISSUED FOR PERMIT	
	ENG	PROJ. ID. W.O. #	AS/MO

LEGEND

- BUILDING / STRUCTURE
- CONCRETE
- PAVERS
- GRAVEL ROAD/DRIVE
- BRIDGE
- CONCRETE CURB & GUTTER
- PROPERTY LINE / RIGHT-OF-WAY EASEMENT
- EDGE OF PAVEMENT
- RETAINING / LANDSCAPE WALL
- RETAINING / LANDSCAPE WALL
- RETAINING / LANDSCAPE WALL
- PEDESTRIAN GUARD RAIL
- FENCE
- CABLE TV LINE, BURIED
- COX COMMUNICATION LINE, BURIED
- FIBER OPTIC
- TELEPHONE LINE, BURIED
- TELEPHONE LINE, BURIED (PAINT MARKINGS INCOMPLETE)
- GAS LINE, BURIED
- EXISTING 138kV UNDERGROUND DUCT BANK
- PROPOSED 138kV UNDERGROUND TRANSMISSION LINE
- POWER LINE, BURIED
- POWER LINE, OVERHEAD
- SANITARY SEWER
- STORM DRAIN
- WATER LINE
- IRRIGATION LINE
- CABLE TV RISER
- TELEPHONE RISER
- TELEPHONE MANHOLE
- POWER BOX
- POWER VAULT
- ELECTRICAL CONTROL BOXES
- UTILITY POLE
- GUYWIRE
- STREET LIGHT
- TRAFFIC SIGNAL LIGHT
- GAS MARKER
- GAS VALVE
- GAS METER
- GAS SERVICE
- DRYWELL
- CATCH BASIN
- SEWER MANHOLE
- STORM MANHOLE
- FIRE HYDRANT
- WATER VALVE
- WELL
- WATER VAULT
- WATER METER
- IRRIGATION BOX / VALVE
- STONE / MASONRY FENCE COLUMN
- SIGN
- DRIPLINE OF TREES
- EDGE OF WATER
- LARGE ROCK
- DECIDUOUS TREE
- CONIFER TREE
- POTHOLE

PROPOSED ITD PROJECT UTILITIES

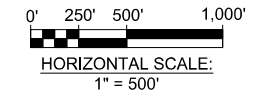
- PROPOSED UTILITY CORRIDOR
- PROPOSED UNDERGROUND FIBER OPTIC
- PROPOSED UNDERGROUND TELEPHONE
- PROPOSED UNDERGROUND TELEVISION
- PROPOSED GAS LINE
- PROPOSED POWER LINE, BURIED
- PROPOSED POWER LINE, OVERHEAD
- PROPOSED STORM DRAIN SERVICE
- PROPOSED IRRIGATION
- PROPOSED WATER
- PROPOSED CULVERT



ON HOLD

ROUTE MAP

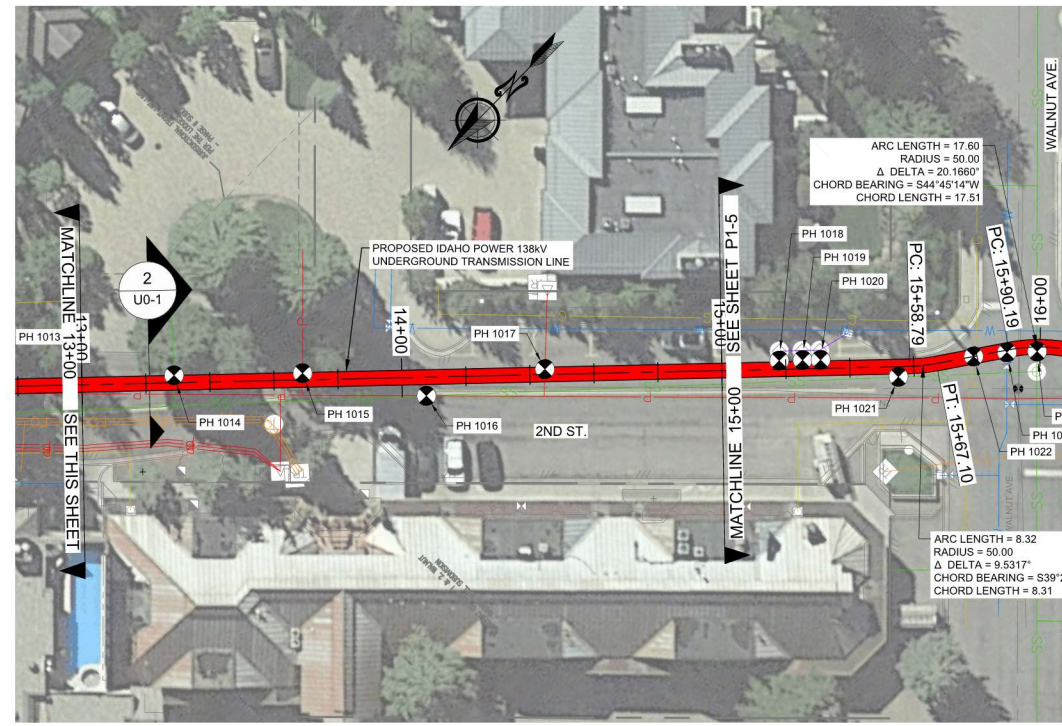
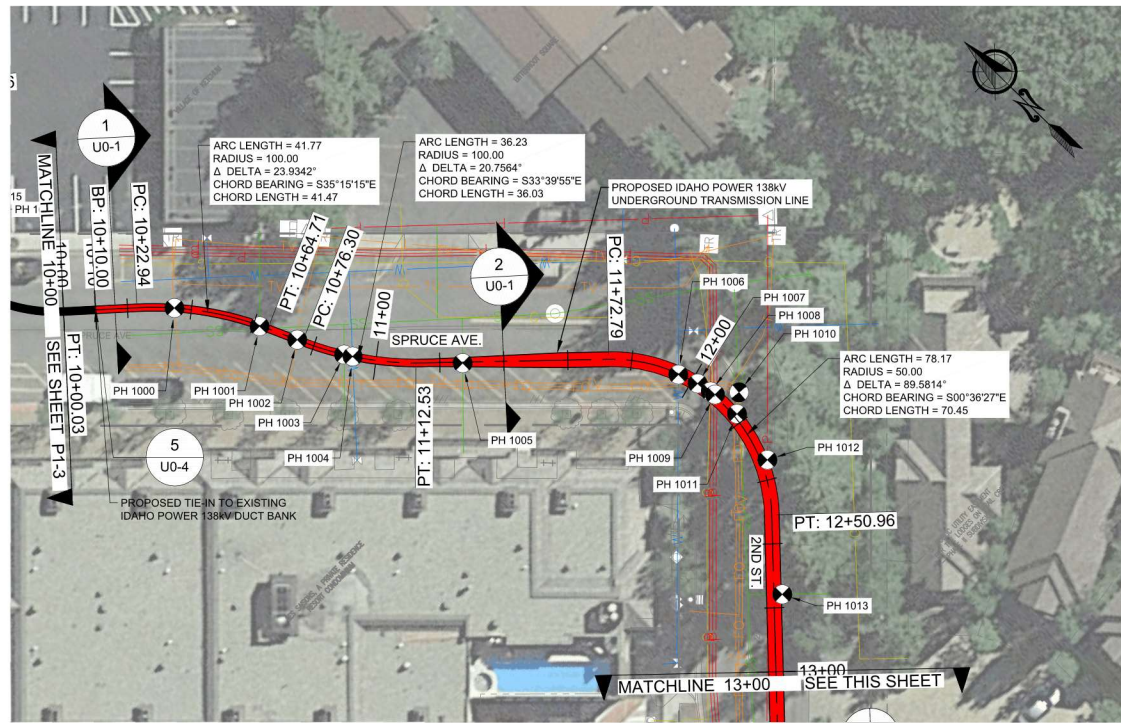
THREE BUSINESS DAYS BEFORE YOU DIG CALL
IDAHO DIG LINE INC. 811
TOLL FREE
1-800-342-1585



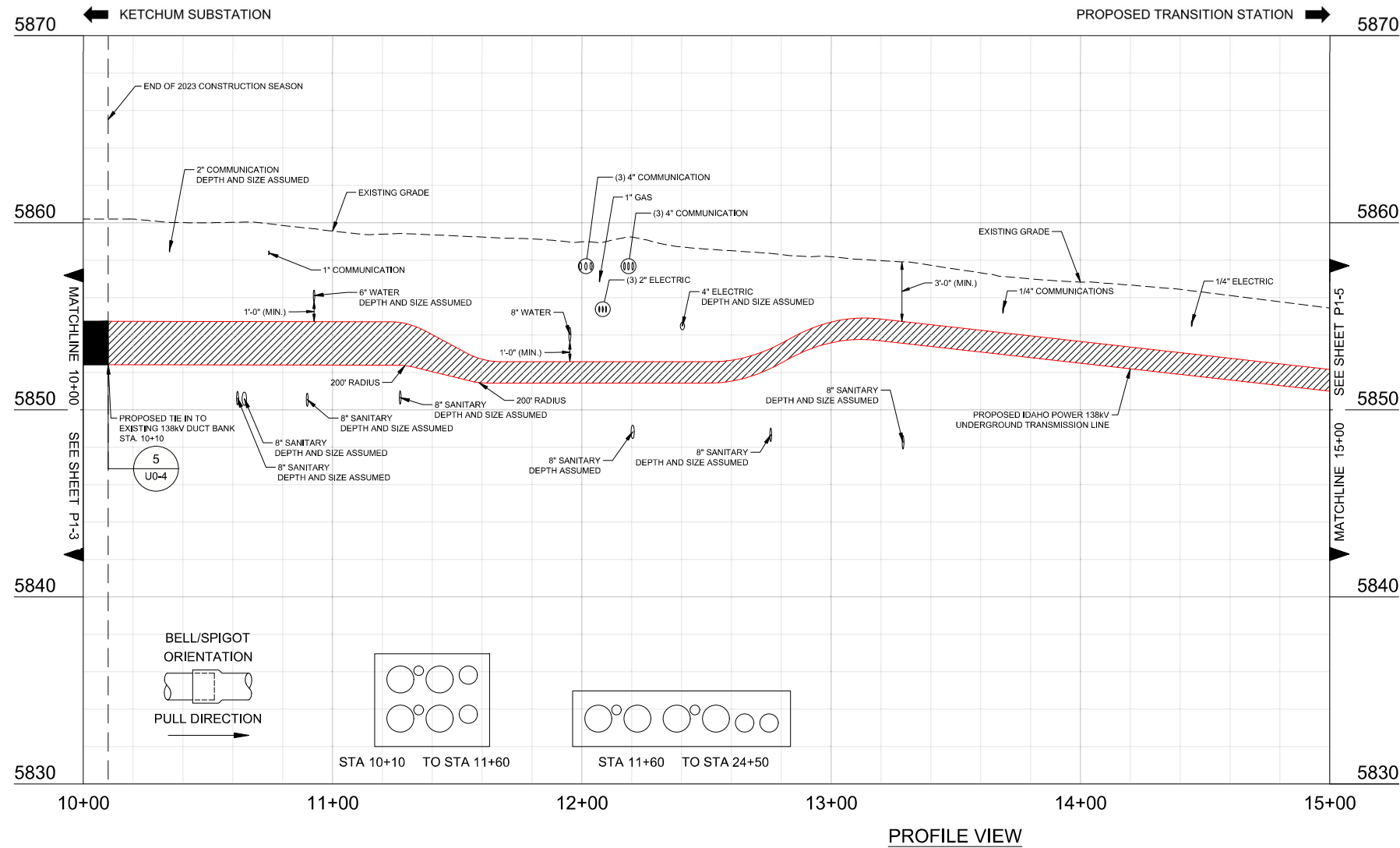
REFERENCE DRAWINGS			
KETCHUM SUBSTATION TO PROPOSED TRANSITION STATION ROUTE MAP			
IDAHO POWER COMPANY BOISE, IDAHO			
SCALE: 1" = 500'		DATE: 1/17/2024	
B	DS. MMLB	APPROVED	G1-1
A	DR. ERS		
REV.	CH. AS	SHT. 1	39

VAULT NO. 21D-XXXX-XXX

By: mmiller Date: 3/02/24 9:35 AM Path: C:\pwworking\powereng_mmler\pwworking\2024\010819\0240108_Route Map

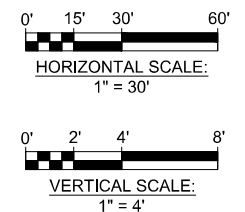


PLAN VIEW



PROFILE VIEW

- NOTES:**
1. 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.
 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 STATIONING. STATIONING IS APPROXIMATE AND DOES NOT ACCOUNT FOR TRANSITIONS.
 4. ALL VERTICAL RADI ARE 400' UNLESS NOTED OTHERWISE.

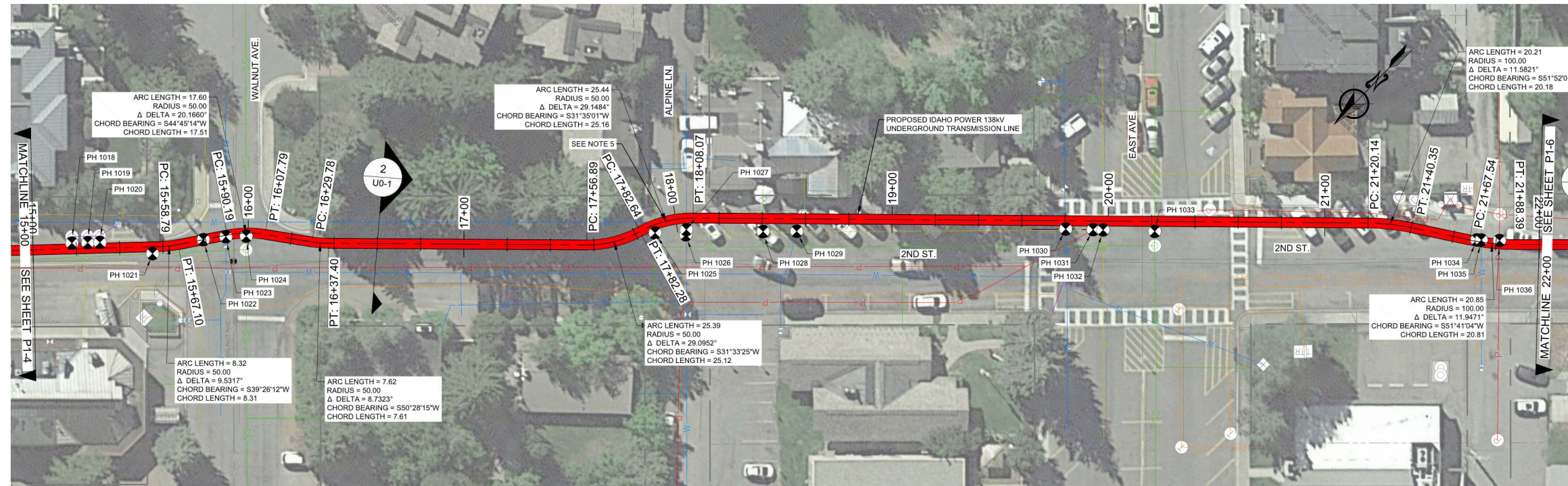


THREE BUSINESS DAYS BEFORE YOU DIG CALL
 IDAHO DIG LINE INC. 811
 TOLL FREE
 1-800-342-1585

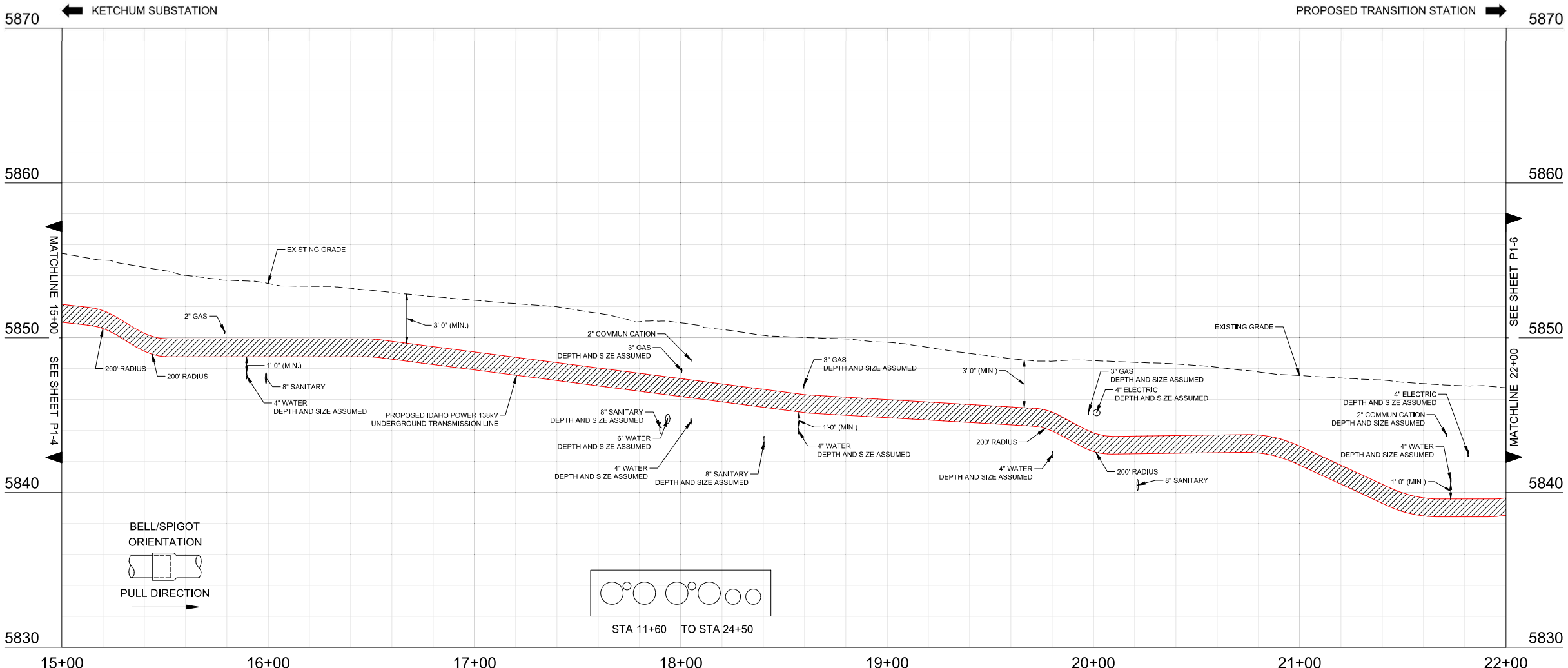
REFERENCE DRAWINGS	
KETCHUM SUBSTATION TO PROPOSED TRANSITION STATION PLAN & PROFILE 10+00 TO 15+00	
IDAHO POWER COMPANY BOISE, IDAHO	
SCALE: AS NOTED	DATE: 3/14/2024
DR. MCO	APPROVED P1-4
CH. AS	SHT. 5
	39

REVISION	
A	8/30/2023 ISSUED FOR PERMIT ENG PROJ. ID. W.O. # AS/ERS
B	10/20/2023 ISSUED FOR BID ENG PROJ. ID. W.O. # AS/ERS
C	02/02/2024 ISSUED FOR BID ENG PROJ. ID. W.O. # AS/MJM
D	03/15/2024 ISSUED FOR REVIEW ENG PROJ. ID. W.O. # AS/MCO

By: mmiller Date: 3/15/2024 9:17 AM Path: C:\pwworking\powereng_mml\pwworking\proj_dwg\2024\03\15\24\0168_Plan and Profiles

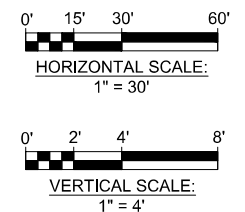


PLAN VIEW



PROFILE VIEW

- NOTES:**
1. 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.
 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 STATIONING. STATIONING IS APPROXIMATE AND DOES NOT ACCOUNT FOR TRANSITIONS.
 4. ALL VERTICAL RADI ARE 400' UNLESS NOTED OTHERWISE.
 5. CONTRACTOR SHALL SUPPORT AND PROTECT ALL EXISTING INFRASTRUCTURE. CONTRACTOR SHALL SUBMIT THE PROPOSED SUPPORT SYSTEM TO THE OWNER AND ENGINEER FOR REVIEW AND APPROVAL.

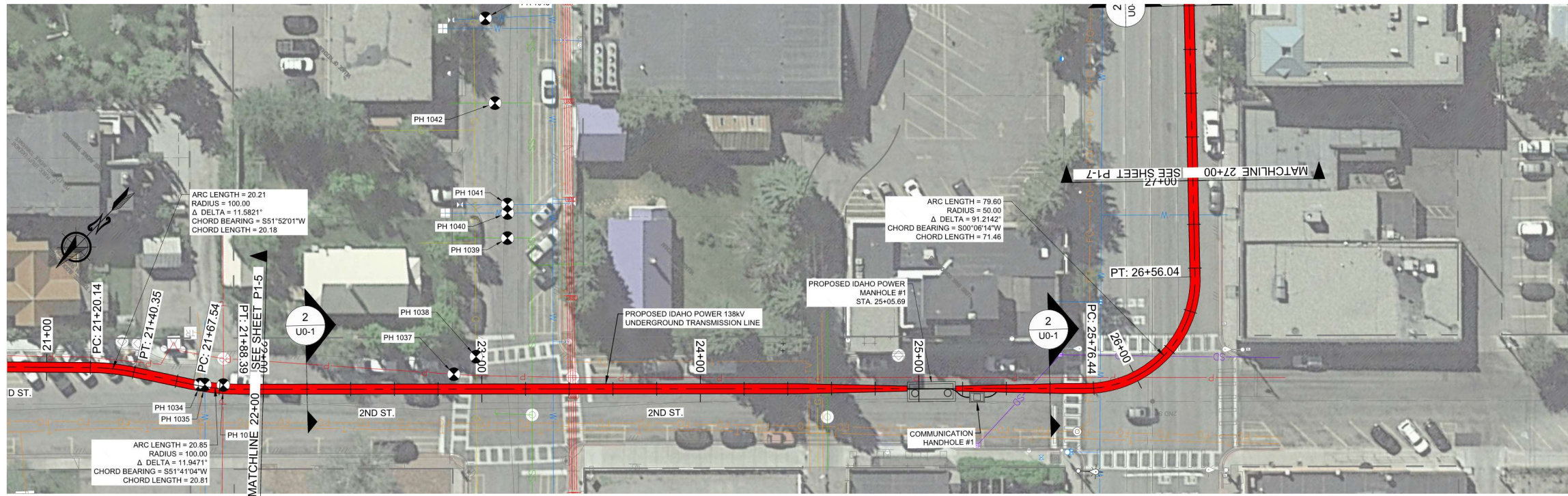


THREE BUSINESS DAYS BEFORE YOU DIG CALL
 IDAHO DIG LINE INC. 811
 TOLL FREE
 1-800-342-1585

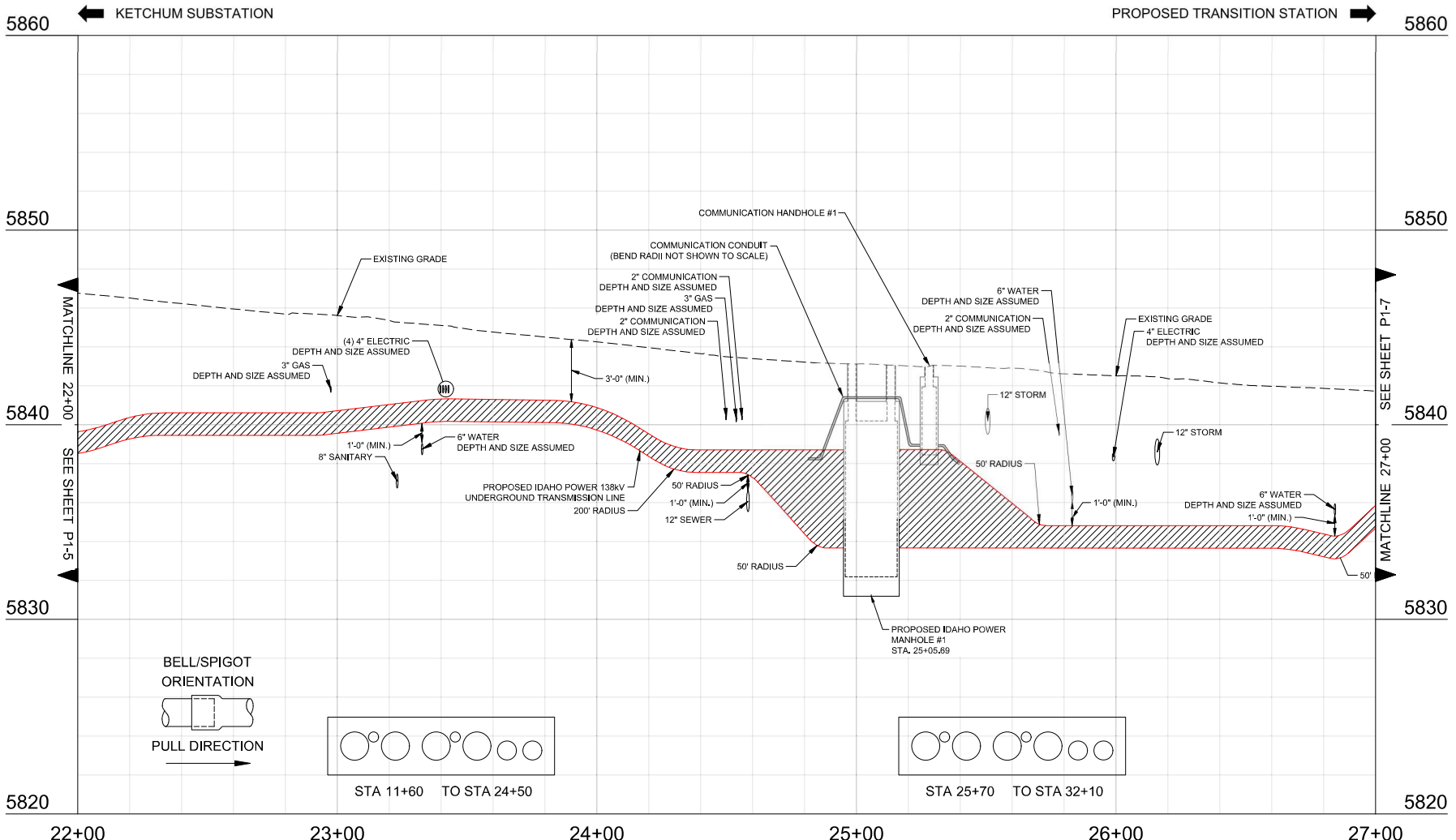
REFERENCE DRAWINGS	
KETCHUM SUBSTATION TO PROPOSED TRANSITION STATION PLAN & PROFILE 15+00 TO 22+00	
IDAHO POWER COMPANY BOISE, IDAHO	
D	SCALE: AS NOTED
C	DATE: 3/14/2024
B	DS, MMLB
A	APPROVED
REV.	CH, AS
P1-5	
SHT.	6
	39

REVISION	
A	8/30/2023 ISSUED FOR PERMIT ENG PROJ. ID. W.O. # AS/ERS
B	10/20/2023 ISSUED FOR BID ENG PROJ. ID. W.O. # AS/ERS
C	02/02/2024 ISSUED FOR BID ENG PROJ. ID. W.O. # AS/MJM
D	03/15/2024 ISSUED FOR REVIEW ENG PROJ. ID. W.O. # ASMCO

By: mmiller Date: 3/15/2024 9:17 AM Path: C:\pwworking\powereng_mml\p15\p15_Plan and Profiles



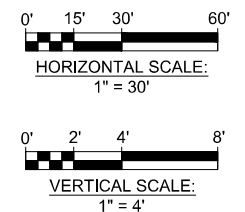
PLAN VIEW



PROFILE VIEW

- NOTES:**
1. 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.
 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 STATIONING. STATIONING IS APPROXIMATE AND DOES NOT ACCOUNT FOR TRANSITIONS.
 4. ALL VERTICAL RADI ARE 400' UNLESS NOTED OTHERWISE.

REVISION	
A	8/30/2023 ISSUED FOR PERMIT ENG PROJ. ID. W.O. # AS/ERS
B	10/20/2023 ISSUED FOR BID ENG PROJ. ID. W.O. # AS/ERS
C	02/02/2024 ISSUED FOR BID ENG PROJ. ID. W.O. # AS/MJM
D	03/15/2024 ISSUED FOR REVIEW ENG PROJ. ID. W.O. # ASMCO



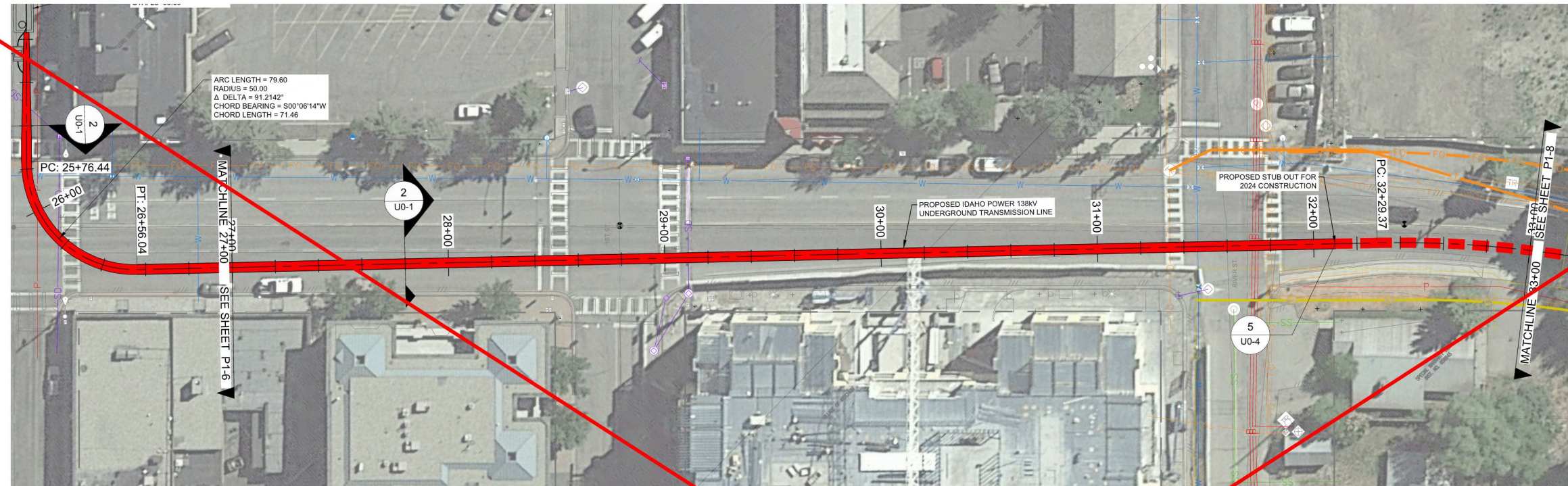
THREE BUSINESS DAYS BEFORE YOU DIG CALL
IDAHO DIG LINE INC. 811
TOLL FREE
1-800-342-1585

REFERENCE DRAWINGS	
KETCHUM SUBSTATION TO PROPOSED TRANSITION STATION PLAN & PROFILE 22+00 TO 27+00	
IDAHO POWER COMPANY BOISE, IDAHO	
SCALE: AS NOTED	DATE: 3/14/2024
DR. MCO	APPROVED P1-6
CH. AS	SHT. 7
	39

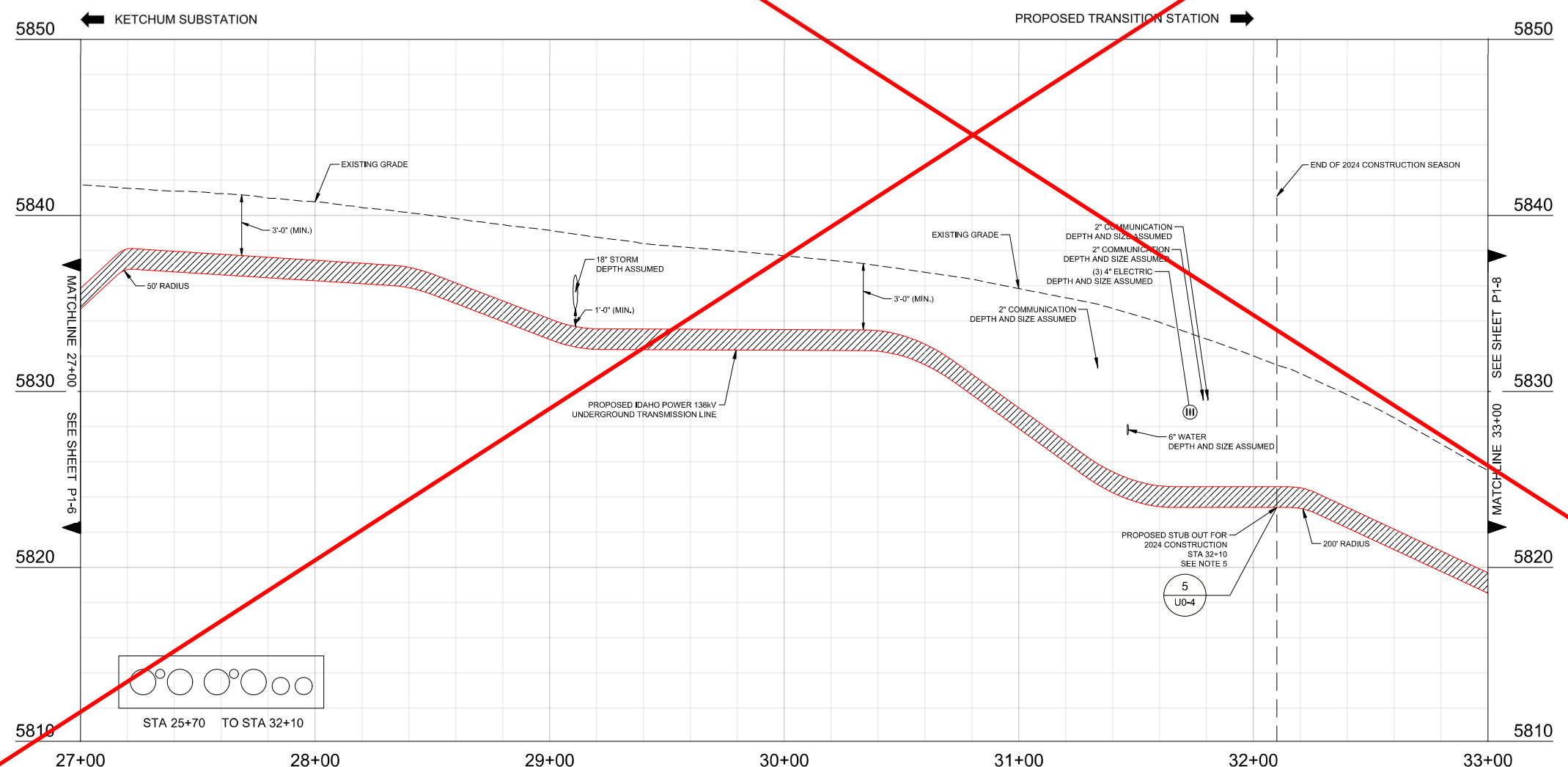
By: mmiller Date: 3/15/2024 9:16 AM Path: C:\pwworking\powereng_mml\pwworking\proj\240200\00916\240200\08_Plan and Profiles

- NOTES:**
1. 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.
 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 STATIONING. STATIONING IS APPROXIMATE AND DOES NOT ACCOUNT FOR TRANSITIONS.
 4. ALL VERTICAL RADI ARE 60' UNLESS NOTED OTHERWISE.
 5. CIVIL CONTRACTOR TO STUB CONDUITS OUT OF DUCT BANK BUILD-UP AND STAGGER ENDS. CONDUITS TO BE CAPED AND MARKED FOR FUTURE EXCAVATION AND CONNECTION.

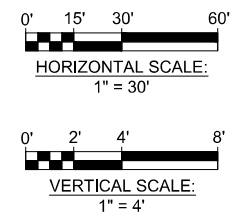
REVISION	
A	8/30/2023 ISSUED FOR PERMIT ENG PROJ. ID. W.O. # AS/ERS
B	10/20/2023 ISSUED FOR BID ENG PROJ. ID. W.O. # AS/ERS
C	02/02/2024 ISSUED FOR BID ENG PROJ. ID. W.O. # AS/MJM
D	03/15/2024 ISSUED FOR REVIEW ENG PROJ. ID. W.O. # AS/MCO



PLAN VIEW



PROFILE VIEW

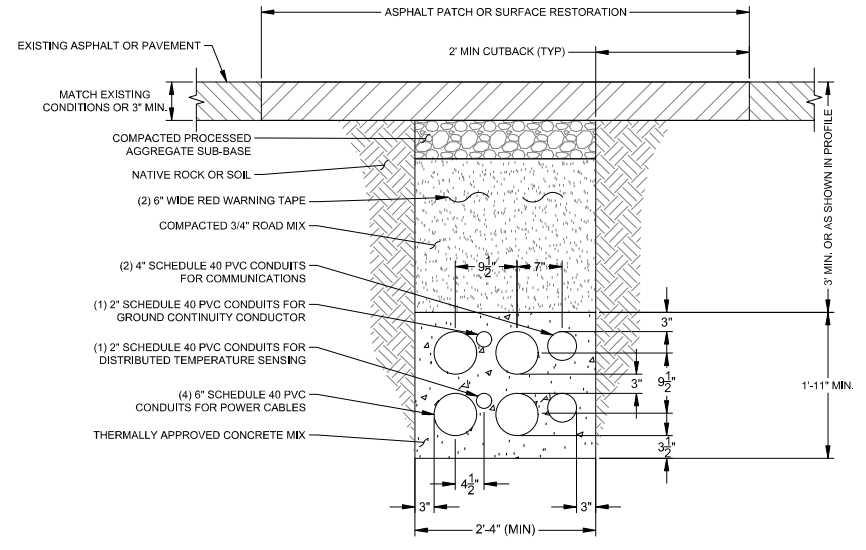


THREE BUSINESS DAYS BEFORE YOU DIG CALL
IDAHO DIG LINE INC. 811
 TOLL FREE
1-800-342-1585

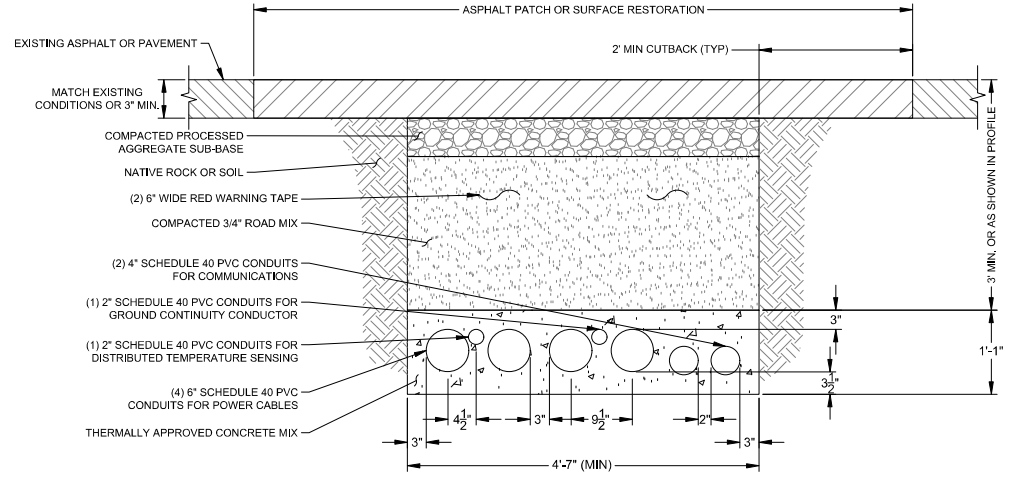
REFERENCE DRAWINGS	
KETCHUM SUBSTATION TO PROPOSED TRANSITION STATION PLAN & PROFILE 27+00 TO 33+00	
IDAHO POWER COMPANY BOISE, IDAHO	
SCALE: AS NOTED	DATE: 3/11/2024
DR. MCO	APPROVED P1-7
CH. AS	SHT. 8 39

By: mmiller Date: 3/15/2024 9:16 AM Path: C:\pwworking\powereng_mml\pwworking\proj\2024\03\08\19\024\0168_Plan and Profiles

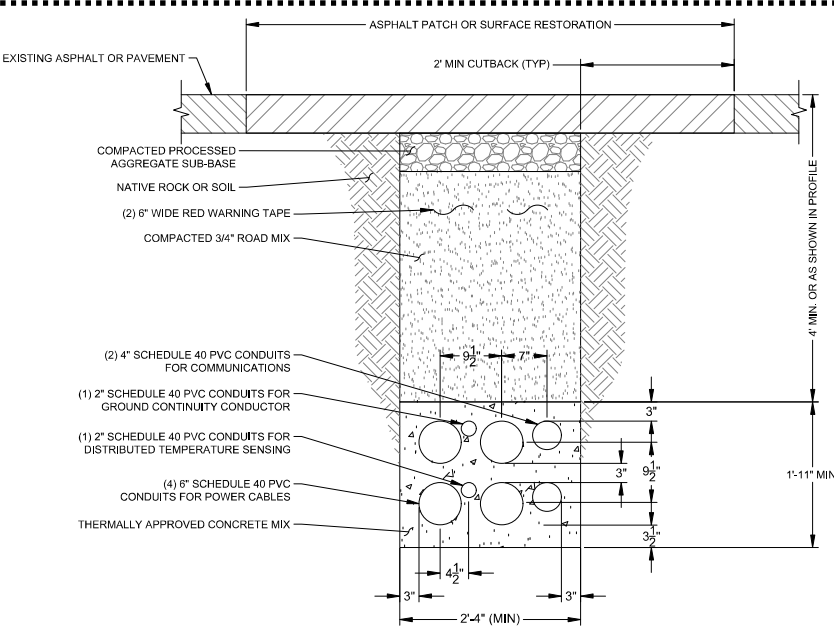
REVISION	
A	8/30/2023 ISSUED FOR PERMIT ENG PROJ. ID. W.O. # AS/ERS
B	10/20/2023 ISSUED FOR BID ENG PROJ. ID. W.O. # AS/ERS
C	02/02/2024 ISSUED FOR BID ENG PROJ. ID. W.O. # AS/MJM
D	03/15/2024 ISSUED FOR PERMIT ENG PROJ. ID. W.O. # AS/MO



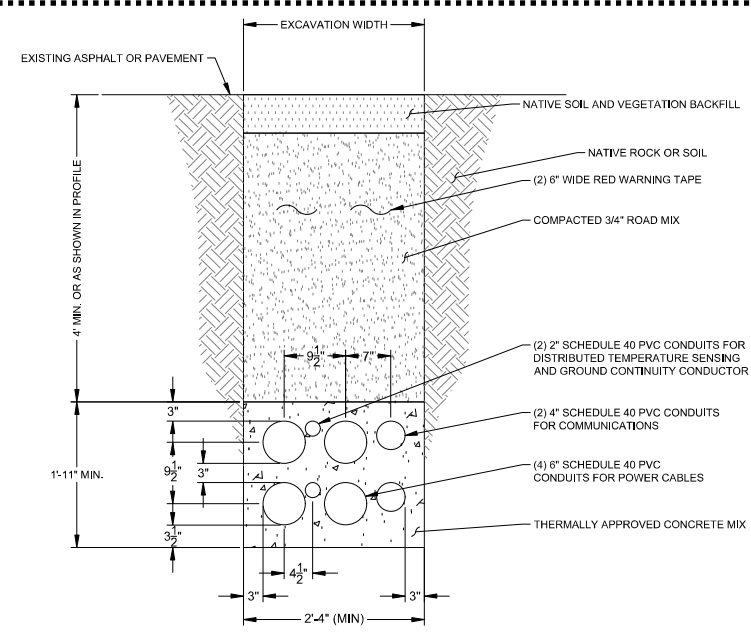
DETAIL 1 - TYPICAL 2X2 DUCT BANK IN CITY OF KETCHUM
SCALE: N.T.S.



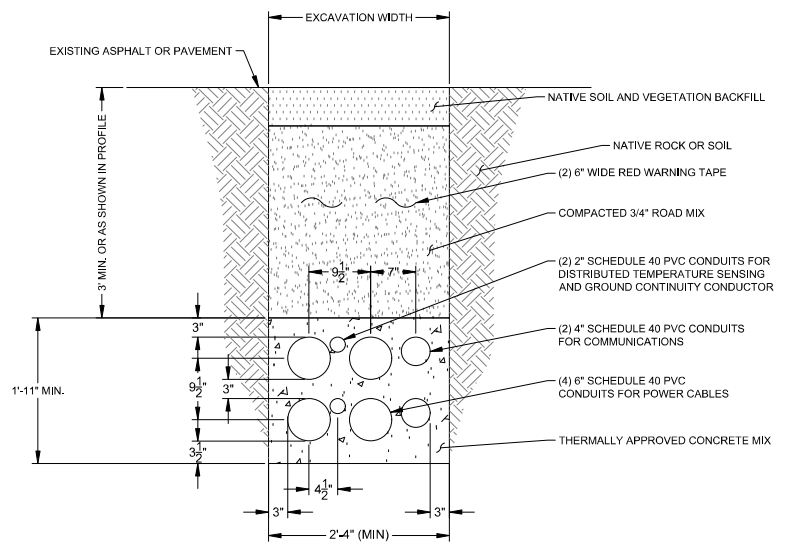
DETAIL 2 - TYPICAL 1X4 DUCT BANK IN CITY OF KETCHUM
SCALE: N.T.S.



DETAIL 3 - TYPICAL 2X2 DUCT BANK IN ITD ROW
SCALE: N.T.S.

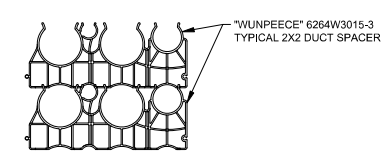


DETAIL 4 - TYPICAL 2X2 DUCT BANK IN ITD ROW
SCALE: N.T.S.

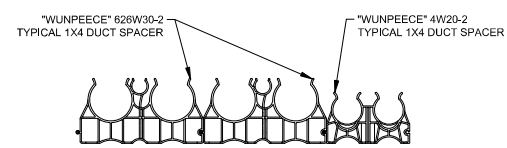


DETAIL 5 - TYPICAL 2X2 DUCT BANK
SCALE: N.T.S.

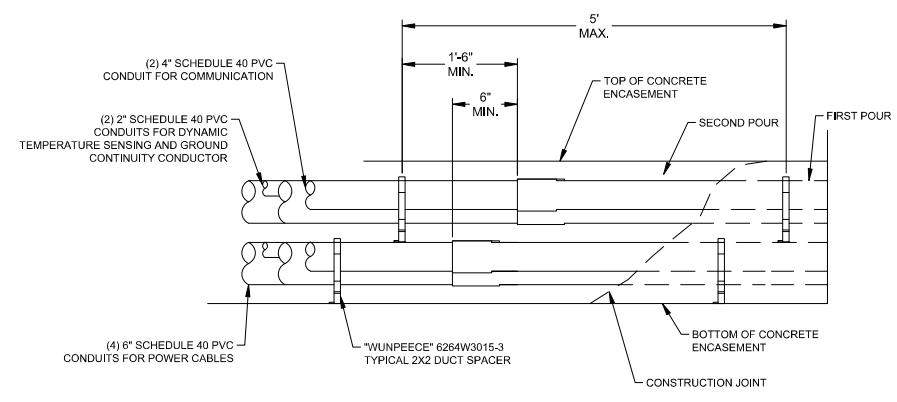
ON HOLD



DETAIL 6 - TYPICAL 2X2 DUCT SPACER ARRANGEMENT
SCALE: N.T.S.



DETAIL 7 - TYPICAL 1X4 DUCT SPACER ARRANGEMENT
SCALE: N.T.S.



DETAIL 8 - TYPICAL 2X2 DUCT BANK ELEVATION
SCALE: N.T.S.

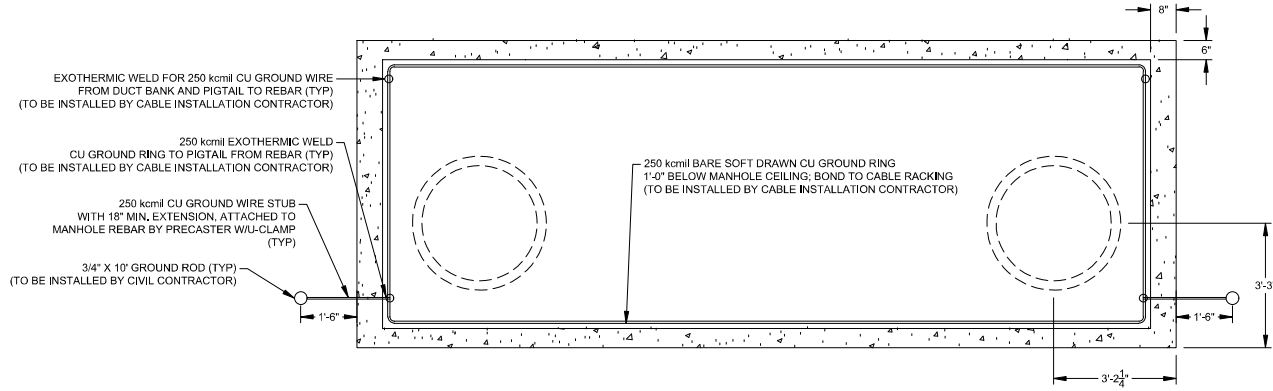
- NOTES:**
1. STAGGER BELL ENDS.
 2. AVOID STANDING ON CONDUIT.
 3. CEMENT ALL JOINTS IN ACCORDANCE WITH CONDUIT MANUFACTURER'S SPECIFICATIONS.
 4. BELL ENDS SHALL BE ORIENTED SUCH THAT THE CABLE PULL DIRECTION WILL ENTER BELL END OF ALL CONDUITS FIRST.
 5. ALL DUCT SPACERS ARE UNDERGROUND DEVICES "WUNPEECE" SPACERS OR APPROVED EQUIVALENT.
 6. ALL CONDUITS SHALL BE FULLY PROTECTED FROM PROLONGED SUNLIGHT EXPOSURE DURING STORAGE AND CONSTRUCTION.
 7. BURIAL DEPTH TO MATCH DUCT BANK CONFIGURATION DETAIL AT STATIONING SHOWN ON PLAN AND PROFILE DRAWINGS.
 8. PAVING RESTORATION WITHIN THE CITY OF KETCHUM SHALL BE CURB TO CURB.

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

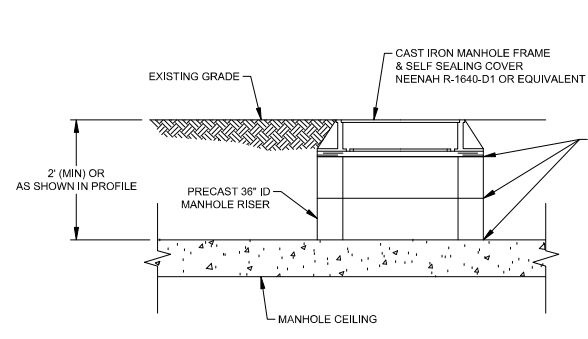
REFERENCE DRAWINGS			
D	DS, MMLB	APPROVED	U0-1
C	DR, ERS		
B	CH, AS		
A			
REV.			

KETCHUM SUBSTATION TO PROPOSED TRANSITION STATION DUCT BANK DETAILS		VAULT NO. 21D-XXXX-XXX
IDAHO POWER COMPANY BOISE, IDAHO		
SCALE: NTS	DATE: 3/8/2024	
SHT. 31	39	

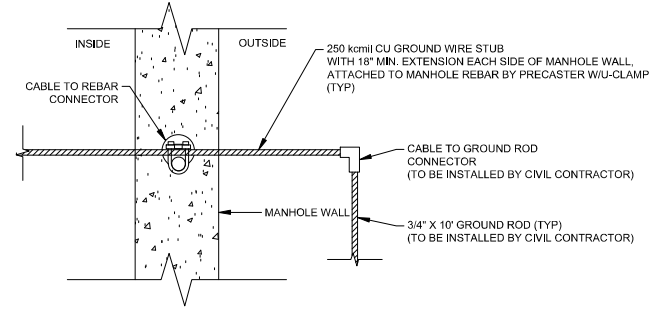
REVISION	
A	8/30/2023 ISSUED FOR PERMIT ENG PROJ. ID. W.O. # AS/ERS
B	10/20/2023 ISSUED FOR BID ENG PROJ. ID. W.O. # AS/ERS
C	02/02/2024 ISSUED FOR BID ENG PROJ. ID. W.O. # AS/MJM
D	03/15/2024 ISSUED FOR PERMIT ENG PROJ. ID. W.O. # AS/MO



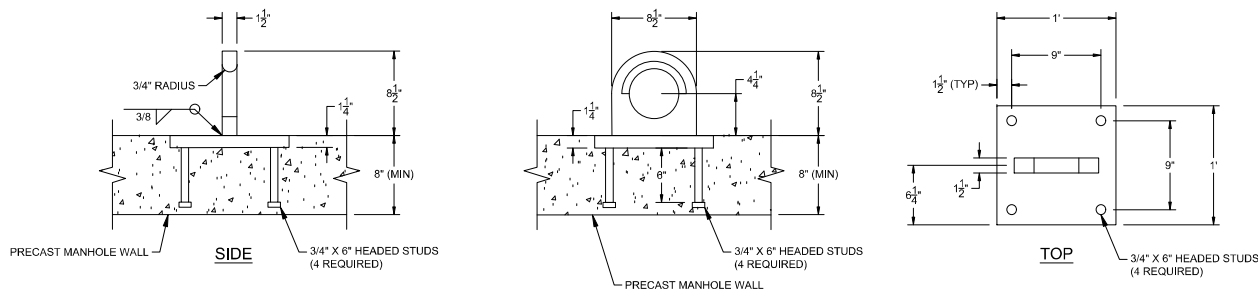
DETAIL 1 - TYPICAL MANHOLE GROUNDING
SCALE: N.T.S.



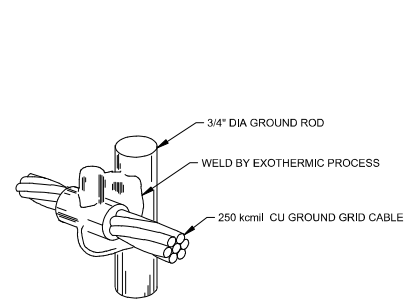
DETAIL 3 - TYPICAL RISER RING
SCALE: N.T.S.



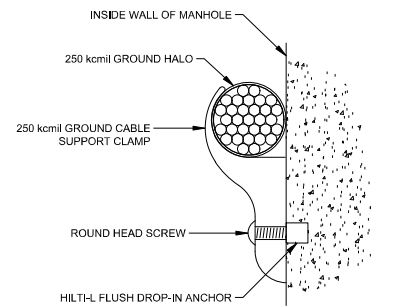
DETAIL 4 - TYPICAL GROUND WIRE
SCALE: N.T.S.



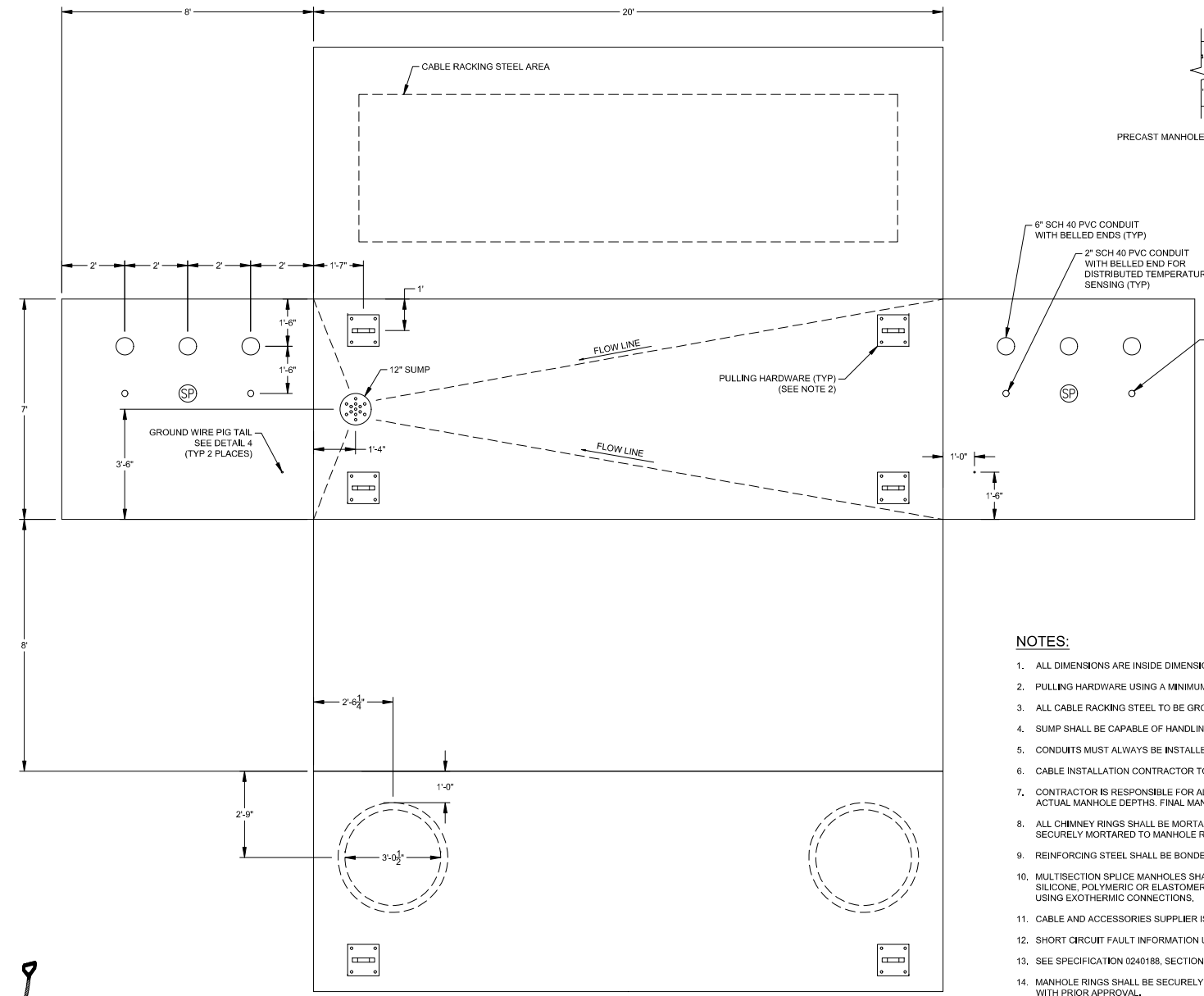
DETAIL 5 - TYPICAL PULLING ANCHOR
SCALE: N.T.S.



DETAIL 6 - TYPICAL GROUND ROD
SCALE: N.T.S.



DETAIL 7 - TYPICAL GROUND ANCHOR
SCALE: N.T.S.



DETAIL 2 - TYPICAL 20' X 7' MANHOLE DEVELOPMENT PLAN
SCALE: N.T.S.

NOTES:

1. ALL DIMENSIONS ARE INSIDE DIMENSIONS.
2. PULLING HARDWARE USING A MINIMUM OF FOUR INDIVIDUAL ANCHORS AND WALLS SHALL BE GOOD FOR 30,000lbs TENSION, MINIMUM.
3. ALL CABLE RACKING STEEL TO BE GROUNDED BY CABLE INSTALLATION CONTRACTOR.
4. SUMP SHALL BE CAPABLE OF HANDLING SUMP PUMP, MINIMUM 4\"/>

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

REFERENCE DRAWINGS			
D	DS. MMLB	APPROVED	U1-1
C	DR. ERS		
B	CH. AS		
A			
REV.			

**KETCHUM SUBSTATION TO
PROPOSED TRANSITION STATION
MANHOLE DETAILS**

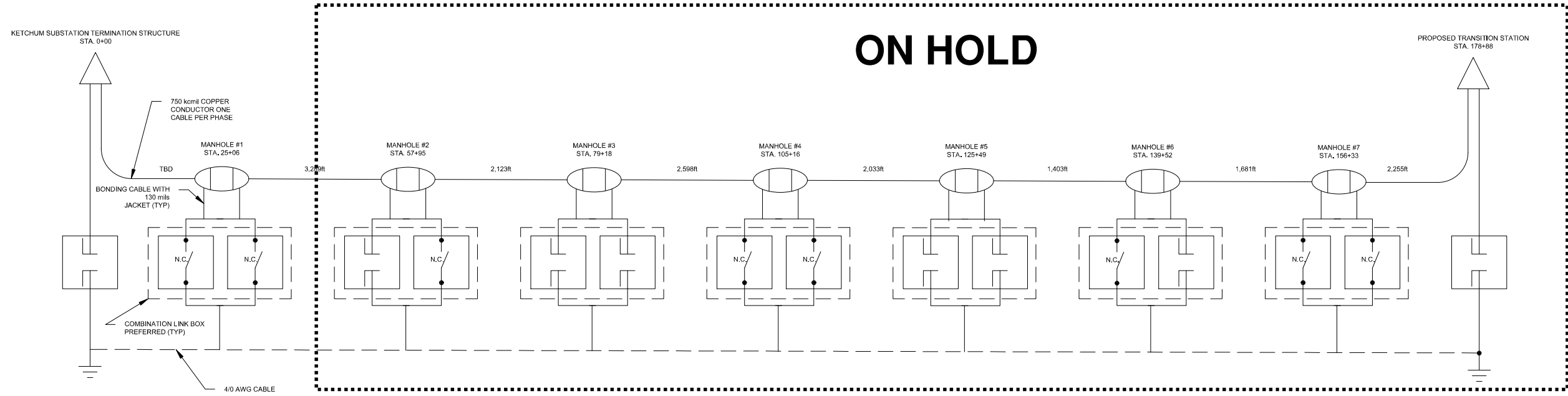
IDAHO POWER COMPANY BOISE, IDAHO

SCALE: AS NOTED DATE: 3/8/2024

SHT. 36 39








VAULT NO. 21D-XXXX-XXX

REVISION	
A	8/30/2023 ISSUED FOR PERMIT ENG PROJ. ID. W.O. # AS/ERS
B	10/20/2023 ISSUED FOR BID ENG PROJ. ID. W.O. # AS/ERS
C	02/02/2024 ISSUED FOR BID ENG PROJ. ID. W.O. # AS/MJM
D	03/15/2024 ISSUED FOR PERMIT ENG PROJ. ID. W.O. # AS/MO



HAILEY-KETCHUM LINE - SHEATH BONDING SCHEMATIC
SCALE - N.T.S.

LEGEND

-  TERMINATOR
-  SHEATH BREAK SPLICE
-  PARALLEL GROUND CONDUCTOR
-  GROUND ROD
-  SHEATH VOLTAGE LIMITER (SVL) LINK BOX
-  NORMALLY CLOSED GROUNDING LINK BOX (SWITCH LINK SHOWN FOR CLARITY)
-  CROSS BONDED LINK BOX

NOTES:

1. STATIONING AND SEGMENT LENGTHS ARE PRELIMINARY AND FOR REFERENCE ONLY.

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

REFERENCE DRAWINGS			
KETCHUM SUBSTATION TO PROPOSED TRANSITION STATION BONDING SCHEMATIC			
IDAHO POWER COMPANY BOISE, IDAHO			
D	SCALE: NTS		DATE: 3/8/2024
B	DS. MJM	APPROVED	U3-1
A	DR. MJM		
REV.	CH. AS		SHT. 39 39

VAULT NO. 21D-XXXX-XXX

By: mmiller Date: 3/15/2024 9:36 AM Path: C:\pwworking\powereng\mmiller\pwworking\proj\240108919\0240188_Bonding Diagram

EXHIBIT "B"

CONDITIONS OF APPROVAL

1. Potholing performed on Gem Street, Leadville, and First Street for utility locates have settled and require repair.
2. Idaho Power to provide As-built drawings upon completion of work.
3. Asphalt cut joints are required to be out of wheel path.
4. Roadway rehabilitation required as agreed to by Idaho Power and City.
5. Any stripping or pavement markings damaged or removed during work require restriping per city standards.
6. City services requiring relocation are at the project expense.