



BRAD LITTLE
Governor
STEVEN BAILEY
Director
DALE REYNOLDS
Administrator

State of Idaho

Department of Administration

Division of Public Works

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Boise, ID 83720-0072
Telephone (208) 332-1900
www.dpw.idaho.gov

October 20, 2025

REQUEST FOR QUALIFICATIONS (RFQ)

TO: Design Professionals

FROM: Dale Reynolds, Administrator
Division of Public Works

SUBJECT: DPW PROJECT NO. 26500
Ponderosa Supervisory Area Office Upgrade/Expansion
Idaho Department of Lands (IDL)
3130 State HWY 3
Deary, Idaho 83823

Addendum No. 1

GENERAL CLARIFICATIONS

1. None

QUESTIONS AND ANSWERS

1. **QUESTION:** Can you provide the specifications for the recently installed wastewater lift station?
ANSWER: Yes, see in attachments.

ATTACHMENTS

October 8, 2025 Walk Through Sign in Sheet.....Pg 2-3
Existing Site and Floor Plans (from 2004 addition).....Pg 4-6
Sewer connection project 2024.....Pg 7-12
Wastewater lift station schematics and specifications.....Pg 13-19

END OF ADDENDUM No 1

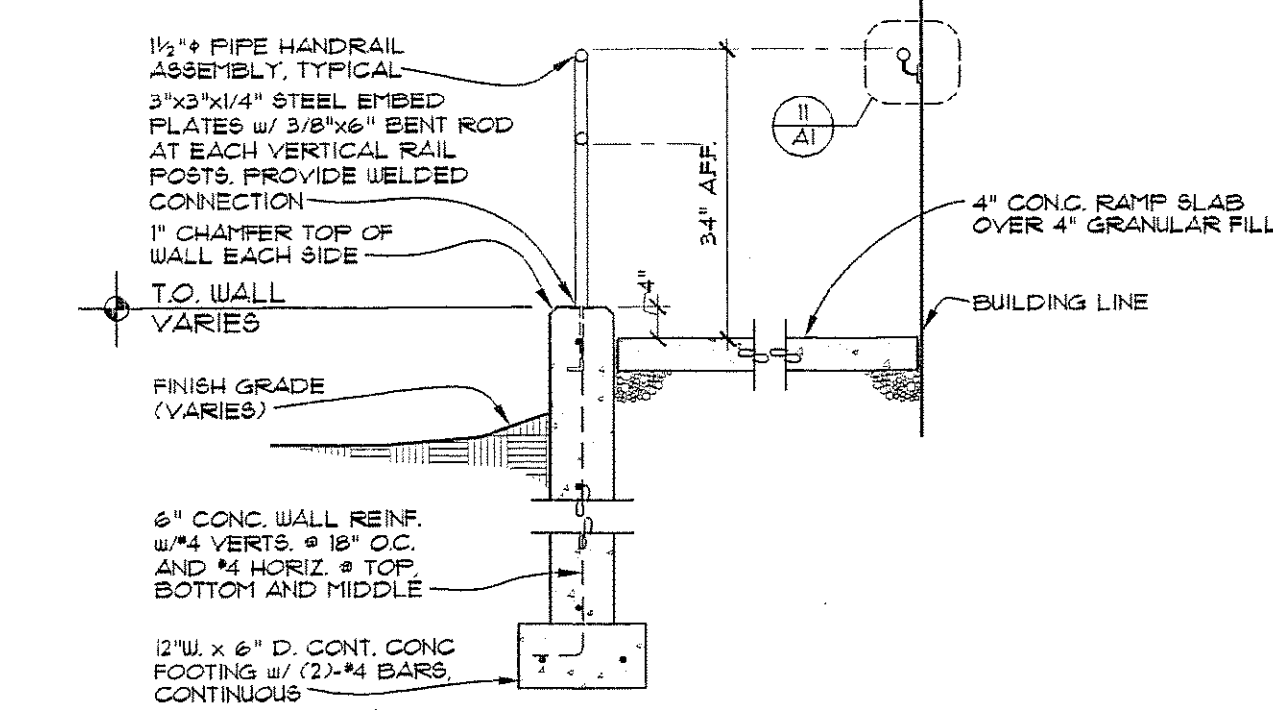
SIGN-IN SHEET

PROJECT NUMBER & NAME: #26500 Ponderosa Supervisory Area Office Upgrade/Expansion
AGENCY: Idaho Department of Lands (IDL)
LOCATION: Deary, Idaho
DATE & TIME: October 8, 2025 11:00am PDT
MEETING: AE RFQ Informational Meeting

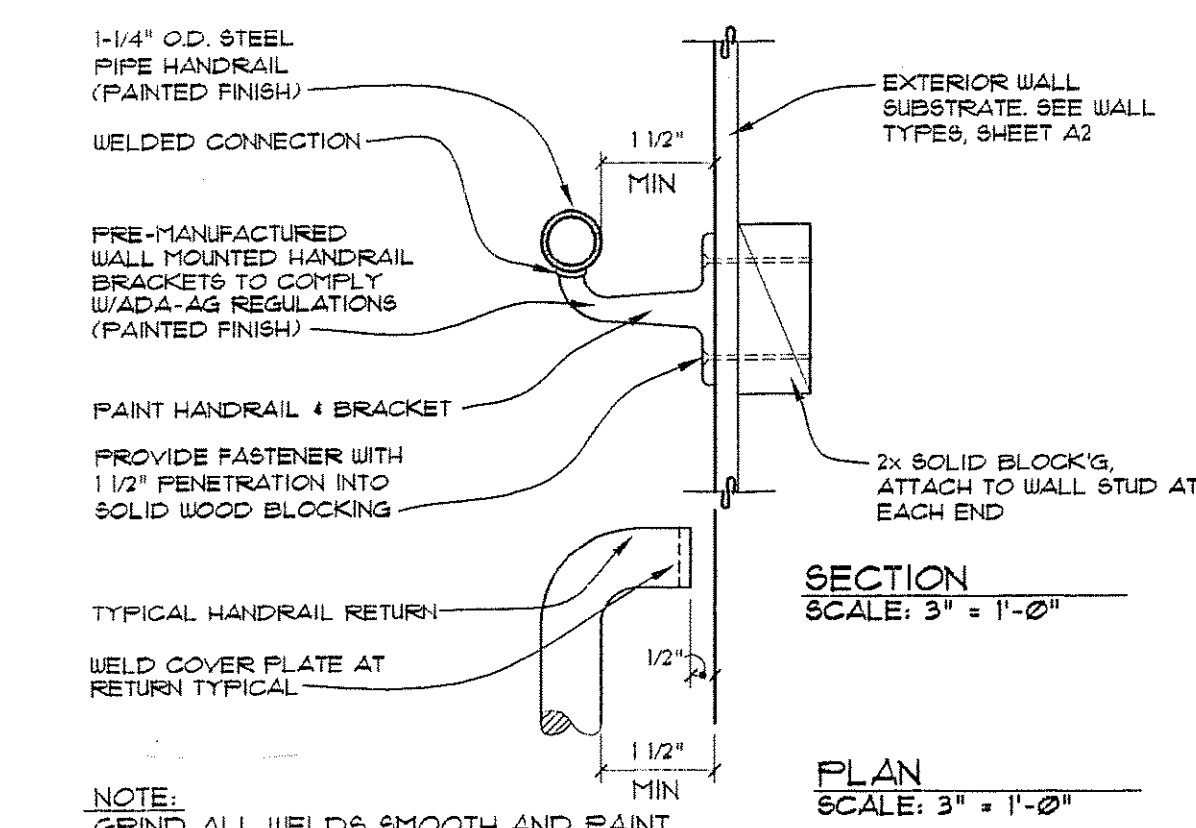
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Kyra Scharnhorst	208.310.3134	Wolfe Architectural Group	kscharnhorst@wagarch.com

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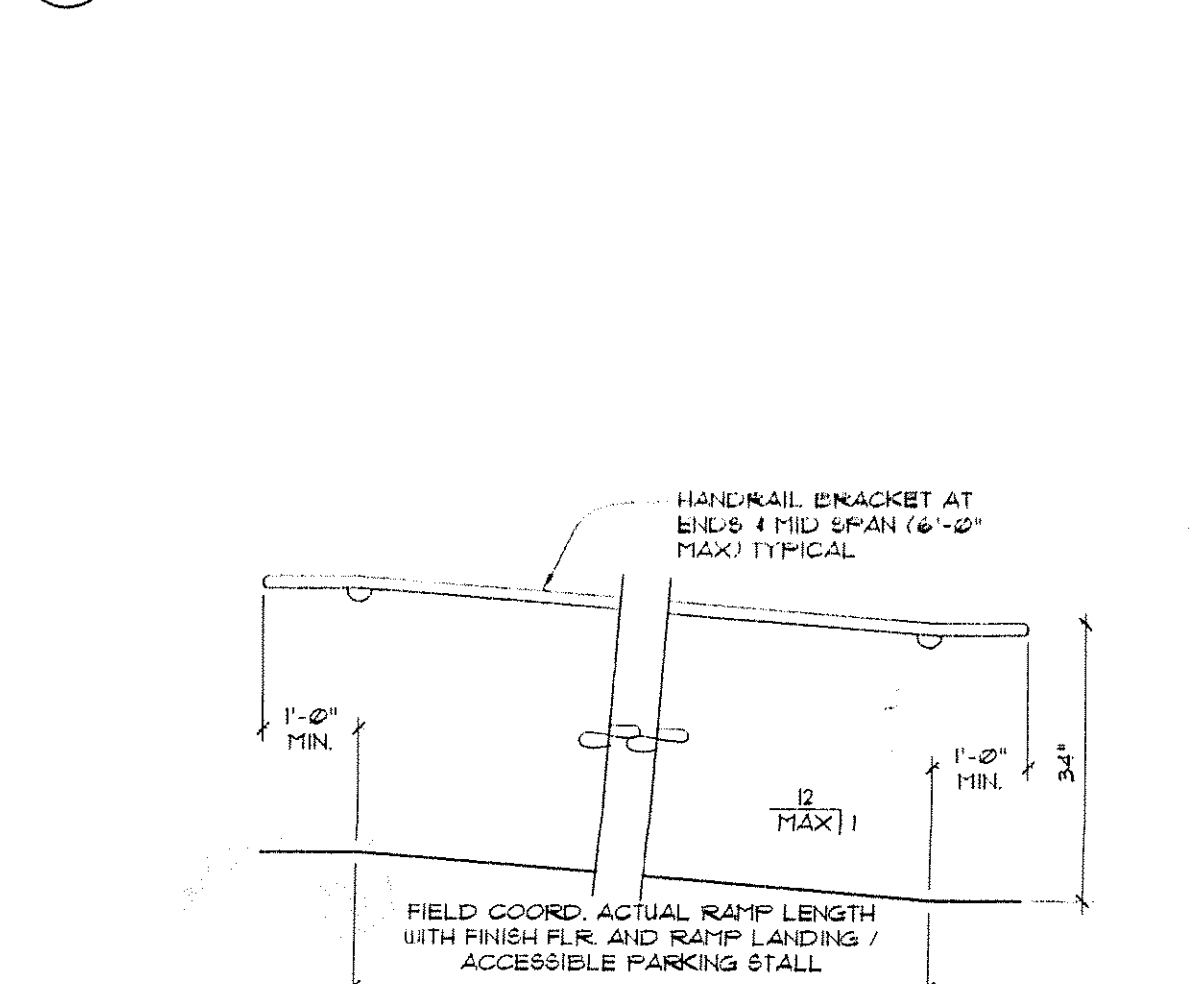
1 NOT USED
SCALE: 1/2" = 1'-0"



6 SECTION @ CONC. RAMP
SCALE: 1/2" = 1'-0"



11 HANDRAIL MOUNTING DETAIL
SCALE: 3" = 1'-0"



16 WALL MT. HANDRAIL EXTENSIONS
SCALE: 1/2" = 1'-0"

CODE ANALYSIS

BUILDING CODE:	2000 IBC
OCCUPANCY (SECTION 304):	'B' - OFFICE
CONSTRUCTION TYPE (TABLE 602):	TYPE V-B 2-STORIES 9,000 SF. (BASIC ALLOWABLE)
ACTUAL BUILDING AREA + HEIGHT:	TWO STORIES (21'-6" +/-) EXISTING BUILDING (TOTAL): 3,671 SF. NEW ADDITION (BASEMENT): 433 SF. TOTAL: 4,104 SF.
FIRE RESISTIVE RATING REQUIREMENTS (TABLE 601):	STRUCTURAL FRAME - BEARING WALLS, INTERIOR AND EXTERIOR - FLOOR CONSTRUCTION - ROOF CONSTRUCTION - NON-BEARING WALLS AND PARTITIONS (INTERIOR AND EXTERIOR) -
PLUMBING FIXTURE REQUIREMENTS (TABLE 702.1):	OCCUPANT LOAD AT EXISTING BLDG.: 13 OCCUPANT LOAD AT NEW TOTAL: 24.2 + 12 MALE + 12 FEMALE WATERCLOSETS REQUIRED: 1 LAVATORIES REQUIRED: 1 URINALS REQUIRED: 0 DRINKING FOUNTAIN: 1 WATERCLOSETS (EXISTING): 1 LAVATORIES (EXISTING): 1 URINALS (EXISTING): 1 D.F. (EXISTING): 1 WATERCLOSETS (ALT. NO. 4/FUTURE): 1 LAVATORIES (ALT. NO. 4/FUTURE): 1

PARTIAL SITE PLAN

SCALE: 1" = 20'-0"

GENERAL DEMOLITION NOTES

1. PROVIDE DUST BARRIER(S) AS REQUIRED FOR DUST CONTROL BETWEEN AREA OF WORK AND OCCUPIED AREAS OF BUILDING WHERE WORK IS NOT REQUIRED.
2. DEMOLITION SHOWN IS SCHEMATIC IN NATURE. CONDITIONS MAY VARY. IT IS EACH CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE PRIOR TO BIDDING TO DETERMINE THE ACTUAL AMOUNT OF DEMOLITION REQUIRED. EACH CONTRACTOR IS TO BID ACCORDINGLY. COORDINATE DEMOLITION WORK WITH NEW WORK PRIOR TO BIDDING. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL DEMOLITION REQUIRED TO ACCOMMODATE ALL WORK REQUIRED TO COMPLETE THE PROJECT AT NO ADDITIONAL COST TO THE OWNER.
3. PIPING AND CONDUITS MAY BE ENCOUNTERED DURING CONSTRUCTION ACTIVITIES. PROTECT AND "SAFE-OFF" AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER.
4. GENERAL CONTRACTOR TO COORDINATE ALL WORK REQUIRED BY EACH TRADE.
5. REMOVE ALL WALL AND CEILING ELECTRICAL, TELEPHONE AND COMPUTER DEVICES WHICH ARE BEING DEMOLISHED / REMOVED. "SAFE-OFF" AS REQUIRED. ALL ITEMS MAY NOT BE NOTED ON PLANS.
6. PROVIDE ADEQUATE TEMPORARY SUPPORT / BRACING TO EXISTING STRUCTURAL MEMBERS PRIOR TO THE REMOVAL OF ANY ITEMS THAT HAVE AN AFFECT ON THE STRUCTURAL INTEGRITY OF THE BUILDING.
7. AGENCY REPRESENTATIVE RESERVES ALL RIGHTS TO SALVAGE OR REJECTION OF ITEMS REMOVED UNDER DEMOLITION WORK.
8. COORDINATE MECHANICAL AND ELECTRICAL PIPING AND ROUTING MODIFICATIONS WHICH AFFECT DEMOLITION WORK. COORDINATE WITH DRAWINGS CAREFULLY.
9. THE CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION RELATED PATCH BACK AT LOCATIONS OF REMOVED WALLS, FINISHES, ELECTRICAL, ETC. WHICH ARE EXPOSED AT NO ADDITIONAL COST TO THE OWNER.
10. OWNER RESPONSIBLE FOR REMOVAL OF FURNISHINGS TO BE SALVAGED / RETAINED AT AREAS OF NEW WORK NOT IN CONTRACT (N.I.C.)

SYMBOL KEY

SECTION NO.	2	WINDOW TYPE, COORD. WITH WINDOW SCHEDULE, SHEET A41
SHEET NO.	123	INTERIOR ELEVATIONS
DETAIL NO.	123	WALL TYPE, COORD. WITH WALL TYPE SCHEDULE, SHEET A21
REFERENCE NOTE	123	SITE SIGNAGE, COORD. WITH SITE PLAN, SHEET G10

GENERAL SITE PLAN NOTES

1. PROVIDE BARRIERS, FLAG PERSONNEL, PROTECTED WALKWAYS, FENCING, ETC., AS REQUIRED FOR THE PROTECTION OF THE PUBLIC AT ALL TIMES DURING CONSTRUCTION (DURING AND AFTER HOURS).
2. SITE PLAN IS SCHEMATIC IN NATURE. FIELD VERIFY ACTUAL GRADE CONDITIONS PRIOR TO BIDDING. SLOPE ALL GRADES PROVIDING POSITIVE DRAINAGE. MODIFY GRADES AS NECESSARY AT NO ADDITIONAL COST TO THE OWNER.
3. REMOVED CONSTRUCTION DEBRIS, ETC., NOT TO BE REUSED TO BE REMOVED FROM SITE AND DISPOSED OF BY CONTRACTOR OFF SITE AT AN APPROVED DISPOSAL FACILITY.
4. PROTECT EXISTING BUILDINGS, VEGETATION, LANDSCAPING, ETC. WHICH ARE TO REMAIN AS REQUIRED. PHOTO DOCUMENTING EXISTING CONDITIONS IS RECOMMENDED PRIOR TO PROCEEDING WITH WORK.
5. COMPACT ALL AREAS OF WORK PRIOR TO PLACING CONCRETE AND GRANULAR EARTHWORK. SEE SPECIFICATIONS FOR COMPACTION TEST RESPONSIBILITIES AND REQUIREMENTS.
6. PROVIDE ADEQUATE COVER AT ALL PIPING (NEW AND EXISTING) AS REQUIRED.
7. ALL TRENCHING TO BE BACKFILLED WITH GRAVEL TO MEET REQUIREMENTS OF CITY OF DEARY OR JURISDICTION HAVING AUTHORITY.
8. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL SITE WORK THAT MAY BE REQUIRED. GENERAL CONTRACTOR TO COORDINATE ALL WORK REQUIRED BY ALL TRADES INVOLVED.
9. "CALL BEFORE YOU DIG" FOR UTILITY LOCATING BY APPLICABLE UTILITIES. EXCAVATE WITH CARE. THERE MAY BE UTILITIES NOT INDICATED ON THE DRAWINGS OR MAY BE IN DIFFERENT LOCATIONS OR SIZES THAN INDICATED. THE DRAWINGS ARE ONLY SCHEMATIC.
10. LANDSCAPING, LAWN, SITE FEATURES, ETC. TO REMAIN THAT ARE DAMAGED DURING CONSTRUCTION ACTIVITIES ARE TO BE RESTORED BY THE CONTRACTOR PRIOR TO SUBSTANTIAL COMPLETION AT NO ADDITIONAL COST TO THE OWNER.

LIST OF ALTERNATES

1. ALTERNATE NO. 1: PROVIDE AND INSTALL ADDITIONAL 4'-0" OF BUILDING LENGTH (TO INCLUDE WALL, FLOOR, ROOF FRAMING/HEATING, INSULATION, AND INTERIOR WALL FINISH. COORDINATE WITH PLANS, SECTIONS AND ELEVATIONS, TYPICAL.
2. ALTERNATE NO. 2: PROVIDE AND INSTALL INTERIOR OFFICE PARTITIONS AT BASEMENT LEVEL. PLAN WORK TO INCLUDE WALL FRAMING AND FINISH, ELECTRICAL AND LIGHTING. COORDINATE WITH PLANS, SECTIONS AND ELEVATIONS, TYPICAL.
3. ALTERNATE NO. 3: PROVIDE AND INSTALL INTERIOR OFFICE PARTITIONS AT MAIN LEVEL. PLAN WORK TO INCLUDE WALL FRAMING AND FINISH, ELECTRICAL AND LIGHTING. COORDINATE WITH PLANS, SECTIONS AND ELEVATIONS, TYPICAL.
4. ALTERNATE NO. 4: PROVIDE AND INSTALL INTERIOR RESTROOM PARTITIONS AT BASEMENT LEVEL. PLAN WORK TO INCLUDE WALL FRAMING AND FINISH, FLOOR FINISH, PLUMBING FIXTURES, BATHROOM ACCESSORIES, ELECTRICAL AND LIGHTING. COORDINATE WITH PLANS, SECTIONS AND ELEVATIONS, TYPICAL.
5. ALTERNATE NO. 5: PROVIDE AND INSTALL FLOOR FINISHES AS NOTED UNDER IN THE ROOM FINISH SCHEDULE. TO INCLUDE BASE BID AND ALTERNATES NO. 1 AND 2 WORK. COORDINATE WITH ROOM FINISH SCHEDULE FOR FLOOR FINISHES UNDER ALTERNATES.
6. ALTERNATE NO. 6: REMOVE EXISTING OVERHEAD DOOR AT LOADING DOCK AND REPLACE WITH NEW WALL INFILL AND MAN DOOR. COORDINATE WITH PLANS, SECTIONS AND ELEVATIONS, TYPICAL.
7. ALTERNATE NO. 7: PROVIDE EXTERIOR ENTRY CANOPY AT NEW ADDITION. COORD. W/ PLANS, SECTIONS AND ELEVATIONS, TYPICAL.

GENERAL PROJECT NOTES

1. CONTRACTOR SHALL CHECK ALL DIMENSIONS AND REPORT ALL ERRORS AND OMISSIONS TO ARCHITECT PRIOR TO PROCEEDING WITH WORK.
2. DO NOT SCALE DRAWINGS.
3. ALL CONSTRUCTION TO BE TO CURRENT ADOPTED CODES:
 - INTERNATIONAL BUILDING CODE - 2000 EDITION
 - INTERNATIONAL MECHANICAL CODE - 2000 EDITION
 - INTERNATIONAL PLUMBING CODE - 2000 EDITION
 - INTERNATIONAL ELECTRICAL CODE - 2000 EDITION
 - CABO/ANSI A117.1 - 1997 (ACCESSIBILITY REQUIREMENTS)
4. COORDINATE ARCHITECTURAL DRAWINGS WITH MECHANICAL AND ELECTRICAL DRAWINGS AND PROJECT MANUAL.
5. ALL PROJECT CONSTRUCTION TO MEET CURRENT ANSI AND ADA-AG REQUIREMENTS INCLUDING SIGNATURE, CLEARANCES AND OTHER REQUIREMENTS.
6. FOR EACH ACCESSIBLE FEATURE, THE MOST STRINGENT REQUIREMENT SHALL APPLY.
7. PROVIDE BARRIERS, FLAG PERSONNEL, FLASHERS, ETC. FOR THE PROTECTION OF THE PUBLIC WHEN NECESSARY DURING CONSTRUCTION, BOTH DURING AND AFTER HOURS.
8. COORD. ACCESS TO SITE AND CONSTRUCTION WITH ARCHITECT AND OWNER.
9. CONTRACTOR TO VERIFY AND LOCATE ALL UTILITIES PRIOR TO ANY CONSTRUCTION.
10. CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND LEGAL DISPOSAL OF CONSTRUCTION DEBRIS.
11. CONTRACTOR TO COORD. WITH DRAWINGS CAREFULLY FOR WORK PERFORMED BY THE OWNER OR NOT IN CONTRACT (N.I.C.) INCLUDE WORK UNDER BASE BID AND ALTERNATES.

INDEX TO DRAWINGS

SHEET NO.	DRAWINGS
A1	PARTIAL SITE PLAN, SITE REFERENCE NOTES, GENERAL SITE AND PROJECT NOTES, INDEX TO DRAWINGS, CODE ANALYSIS, SITE DETAILS, GENERAL DEMOLITION NOTES
A2	BASEMENT FLOOR PLAN, MAIN LEVEL FLOOR PLAN, ROOF FRAMING PLAN, FOUNDATION FLOOR PLAN, GENERAL NOTES, FLOOR PLAN REFERENCE NOTES, STRUCTURAL PLAN NOTES, ENLARGED RESTROOM PLAN, WALL TYPE SCHEDULE
A3	REFLECTED CEILING PLANS, EXTERIOR ELEVATIONS, BUILDING SECTIONS, DETAILS
A4	ROOM FINISH SCHEDULE, DOOR AND WINDOW SCHEDULES, DOOR AND WINDOW TYPES, DETAILS
ME1	MECHANICAL / PLUMBING / ELECTRICAL PLANS, NOTES, LEGENDS, SCHEDULES

set No. 3

CATELLAW • KOM • ARCHITECTS

850 MAIN STREET • LEWISTON, IDAHO

OFFICE (208) 746-0183 • FAX (208) 746-7267

PROJECT • DPW #04-501

IDAHO DEPARTMENT OF LANDS

OFFICE ADDITION - DEARY

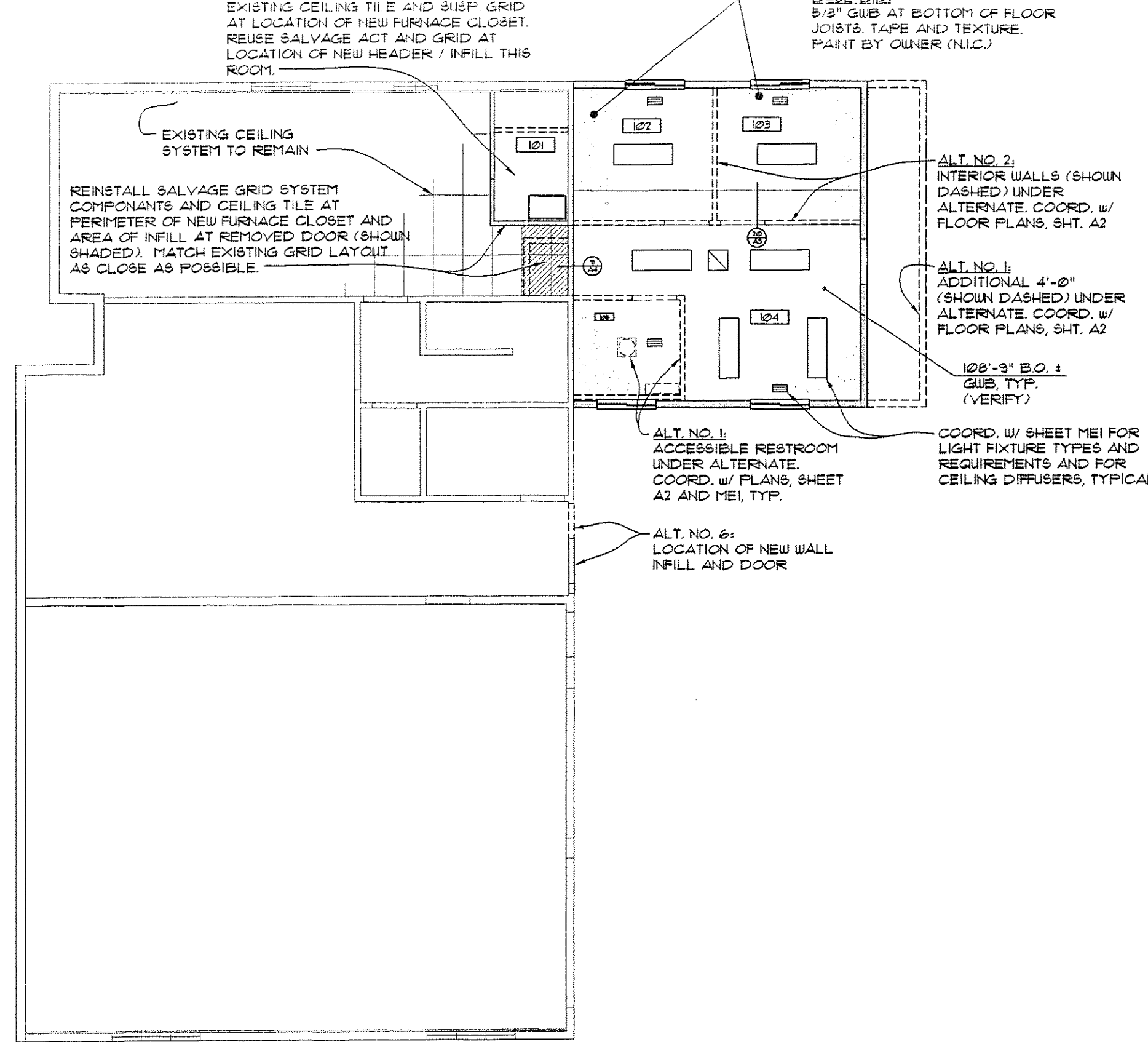
DEARY, IDAHO

DRAWING • SITE PLAN, NOTES

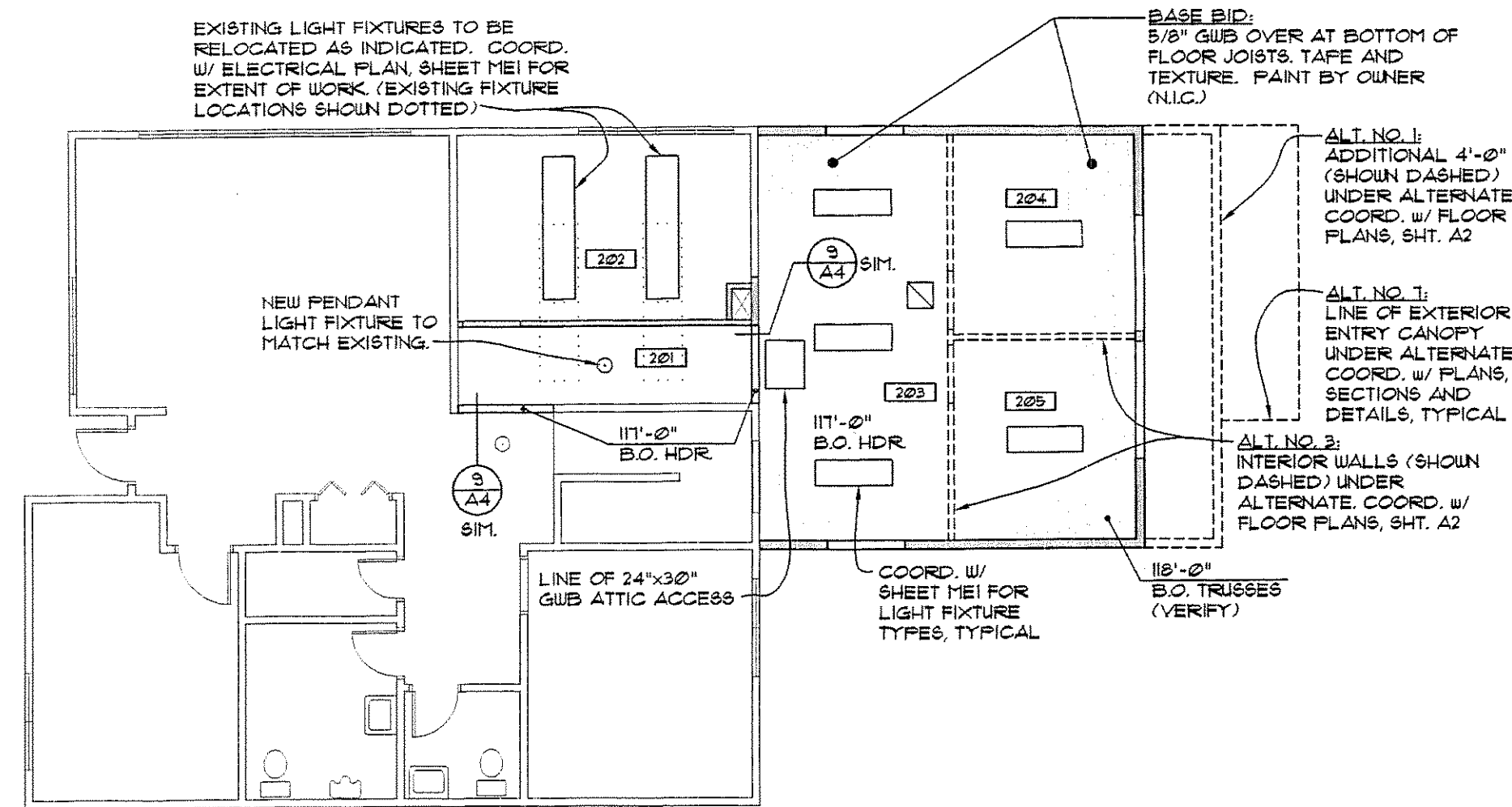
LIST OF ALTERNATES

DOOR AND WINDOW SCHEDULES AND TYPES

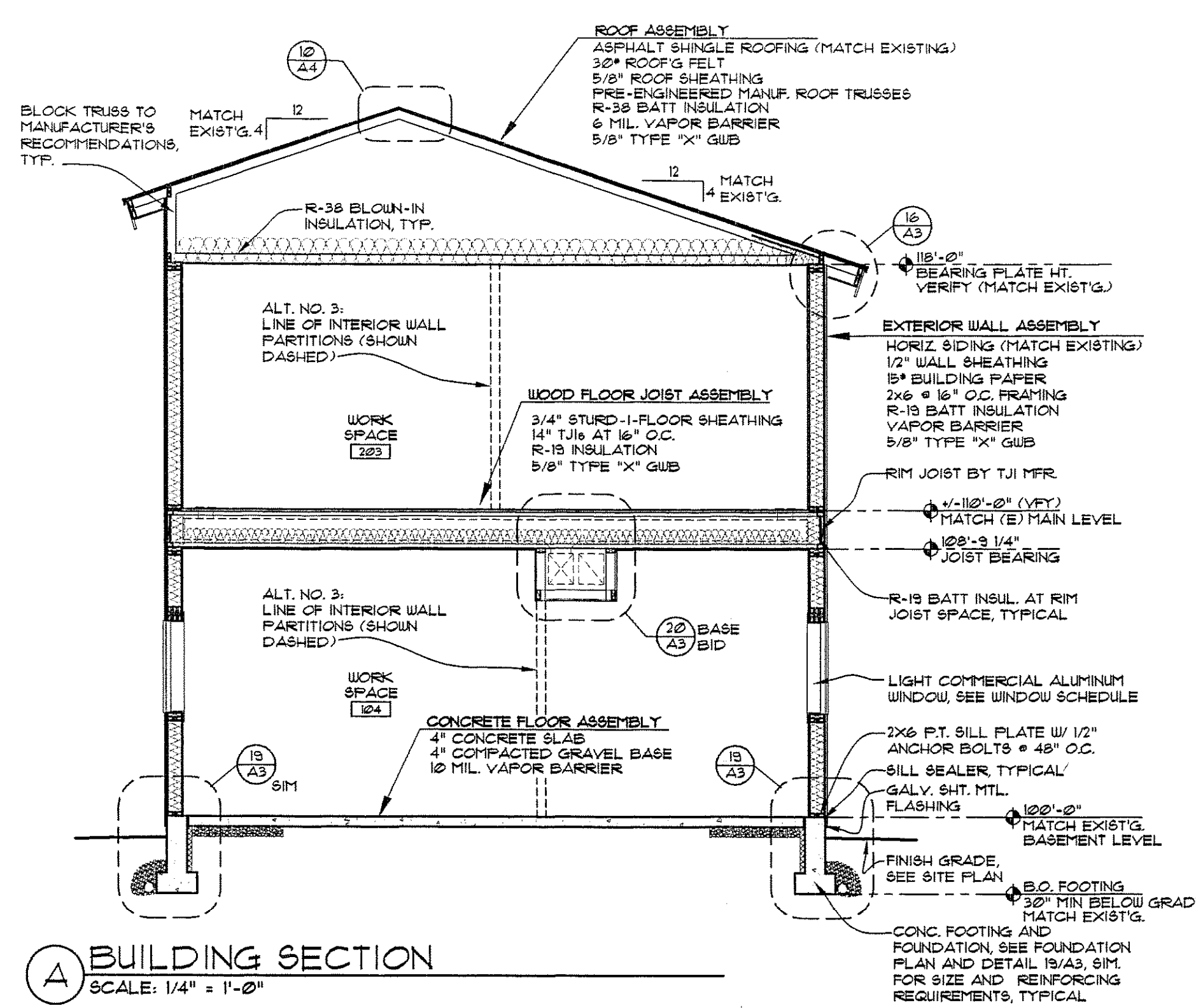
SHEET • A1



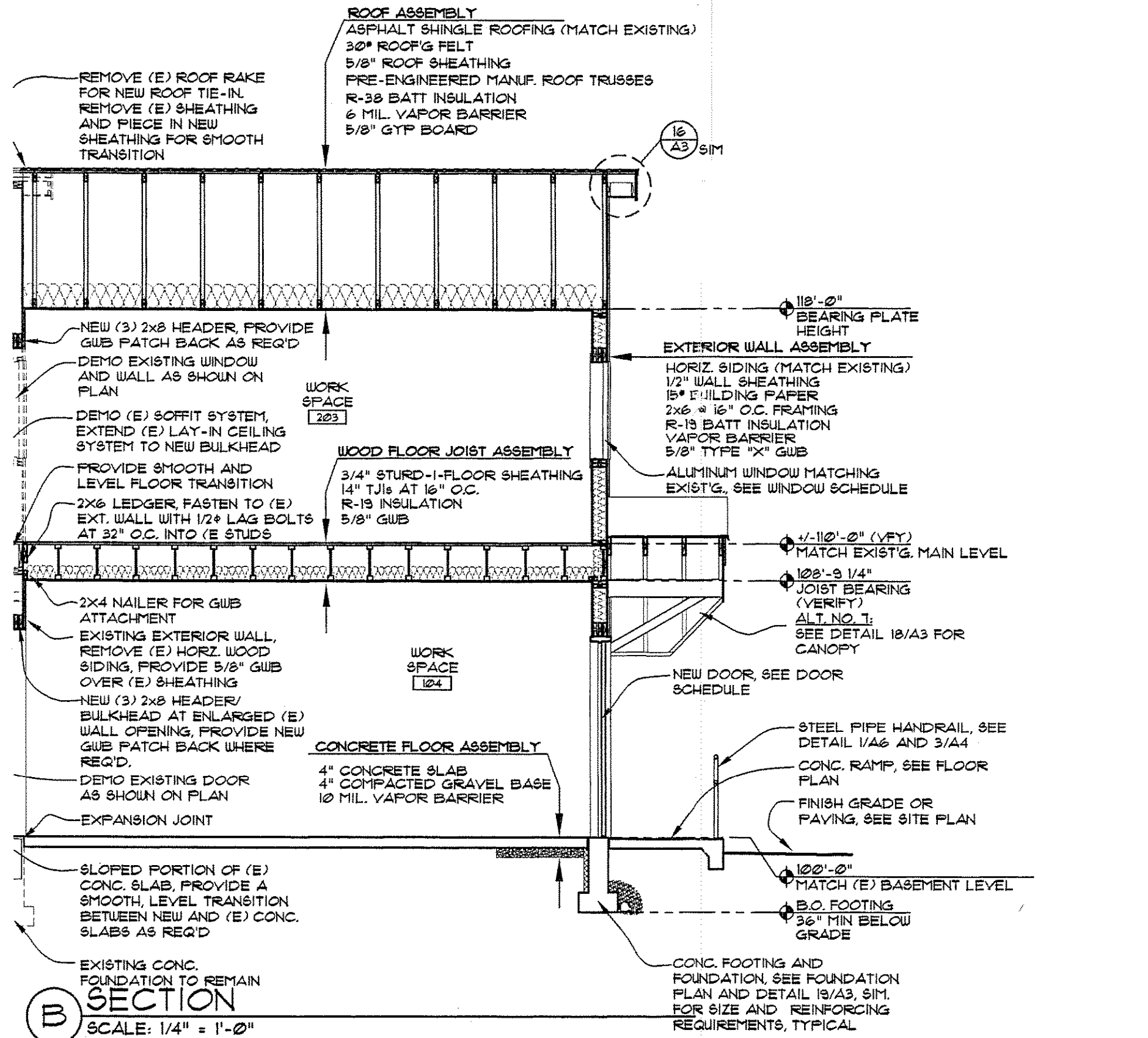
PARTIAL BASEMENT REFLECTED CEILING PLAN
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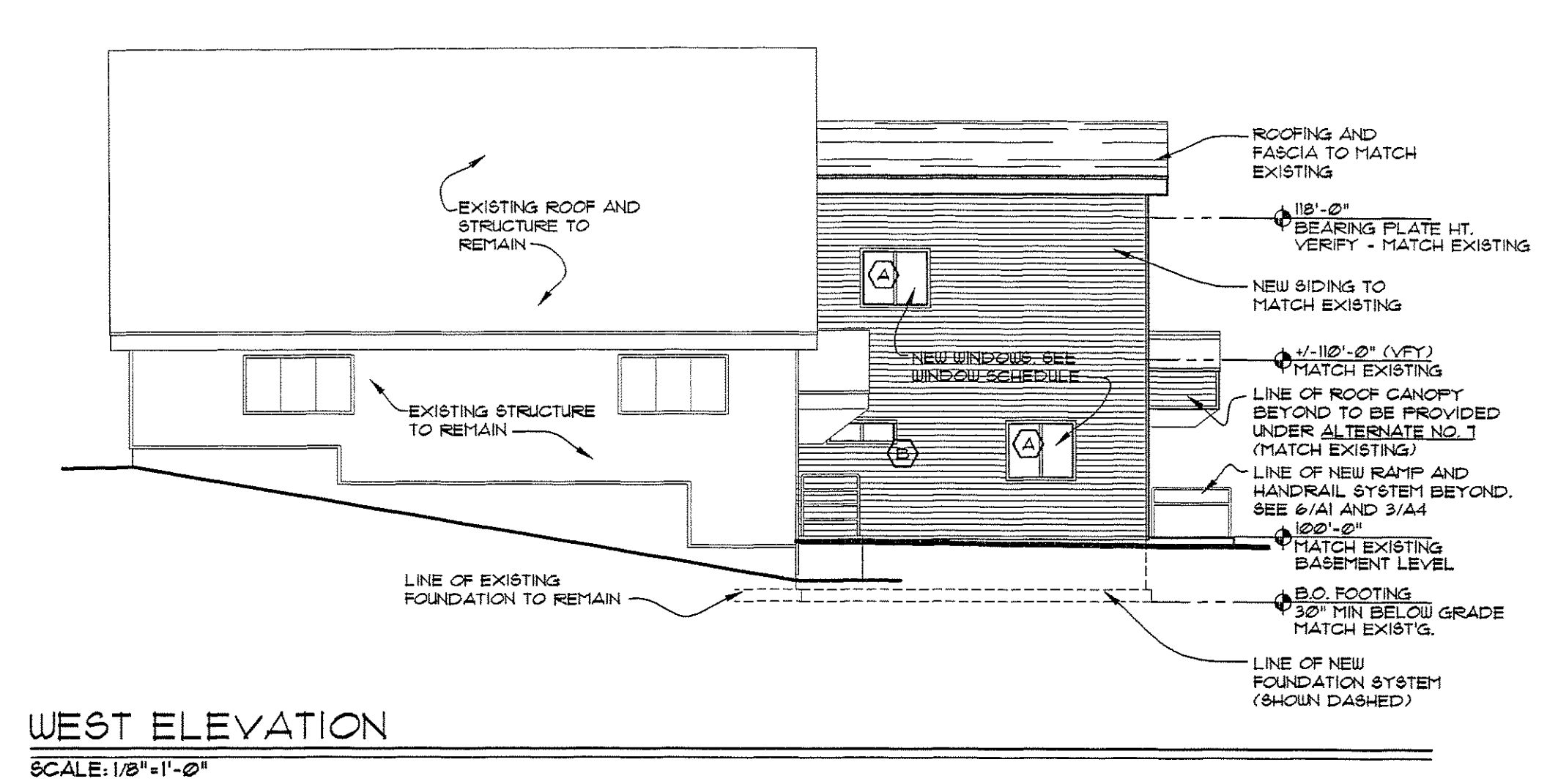
PARTIAL MAIN LEVEL REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



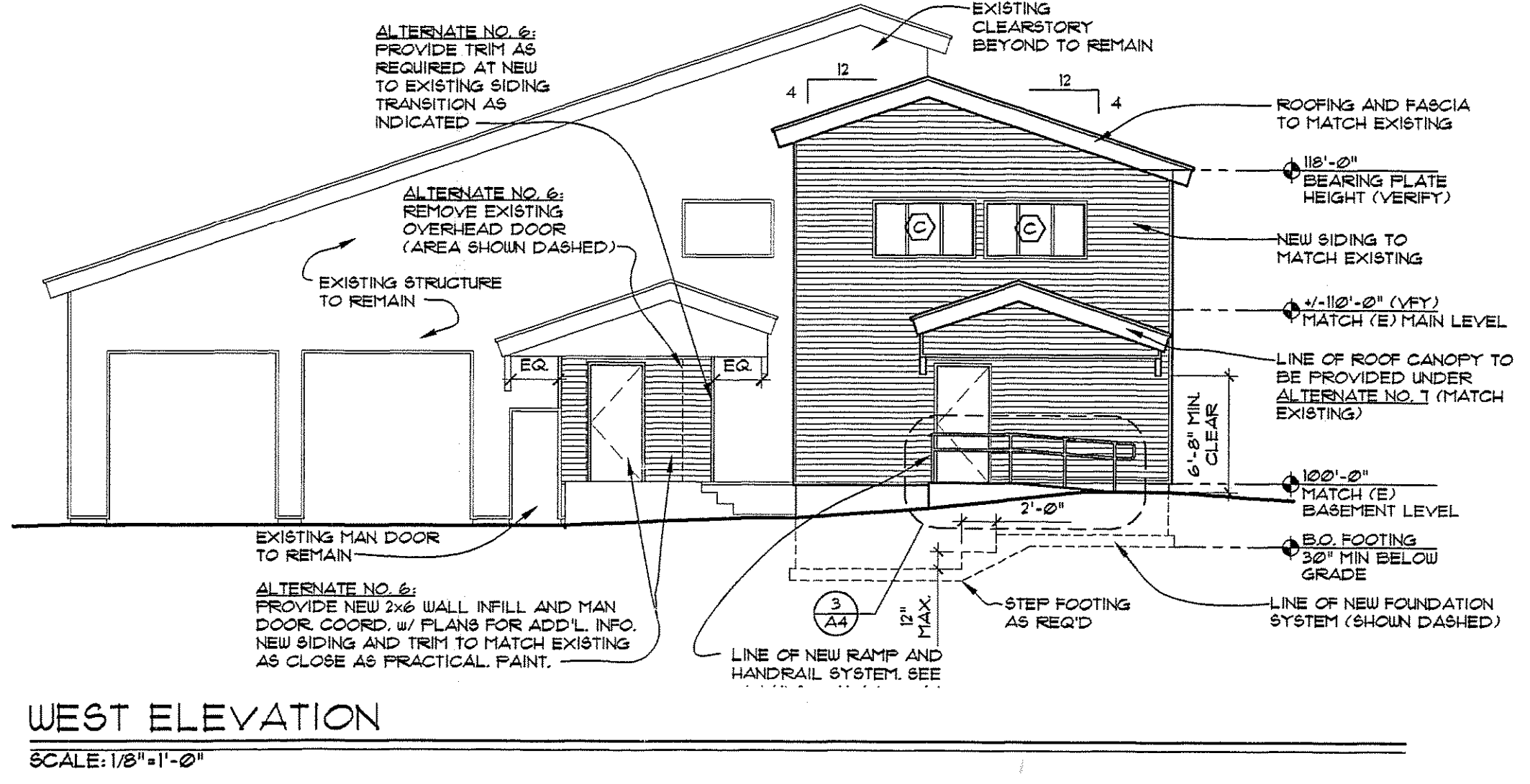
BUILDING SECTION A
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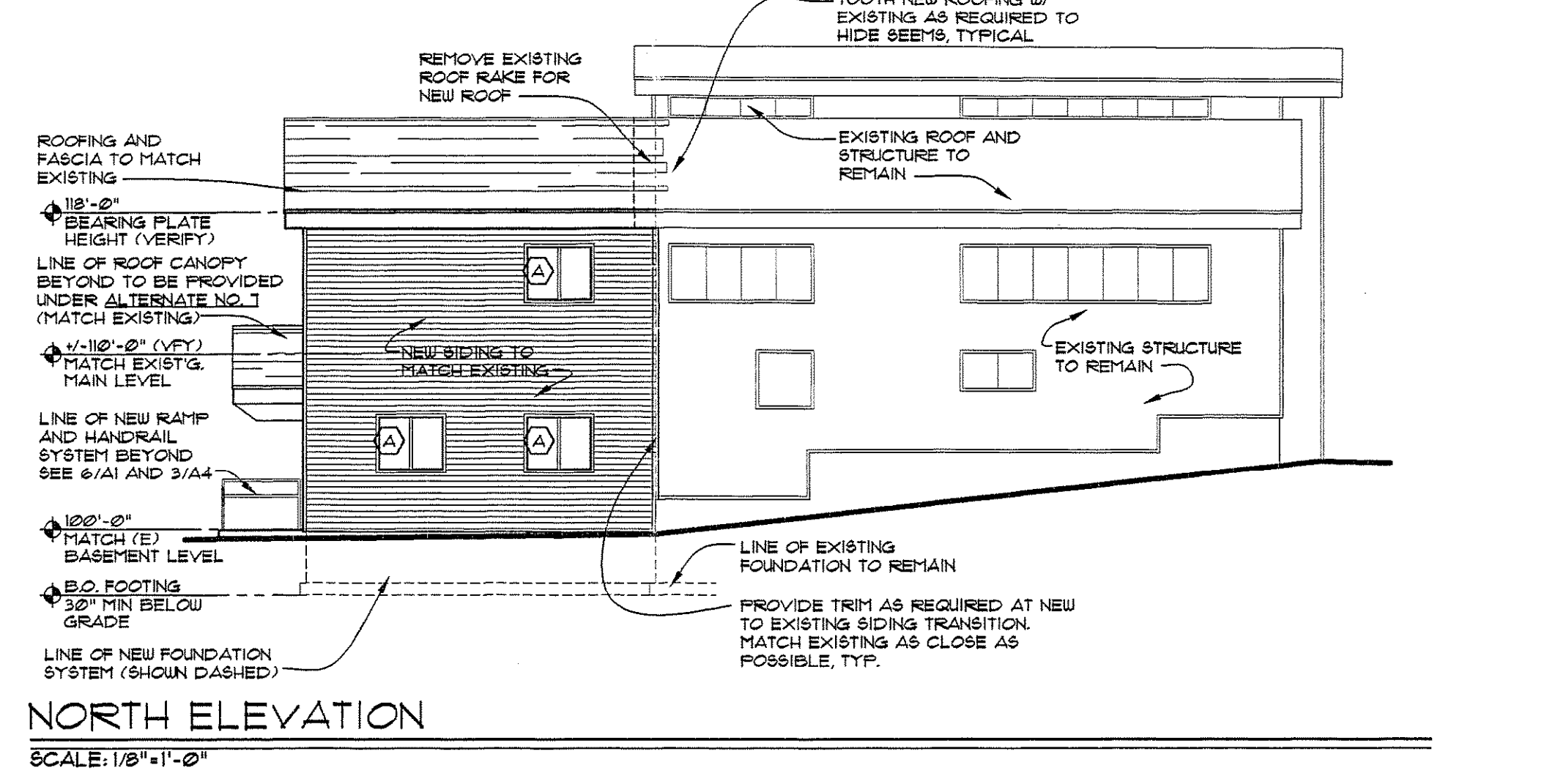
BUILDING SECTION B
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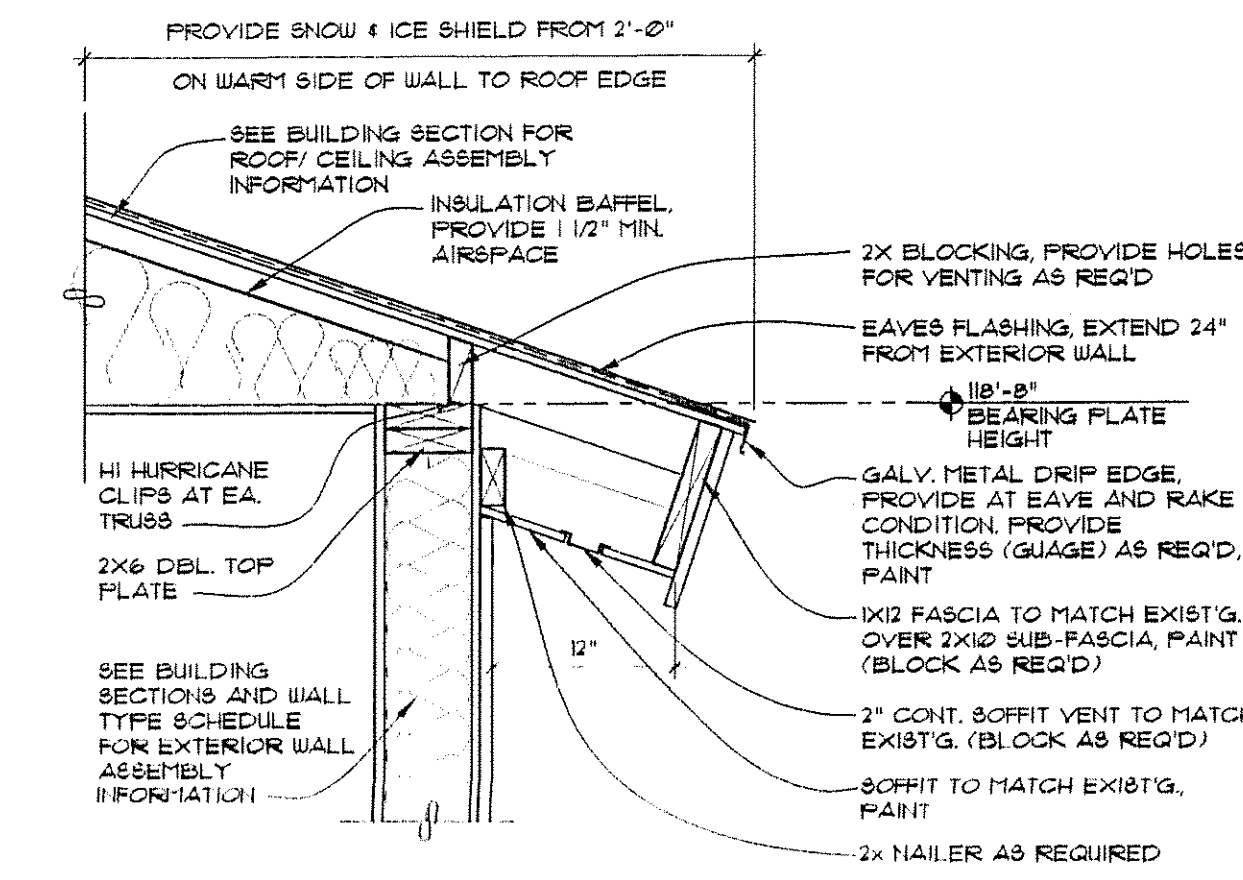
WEST ELEVATION
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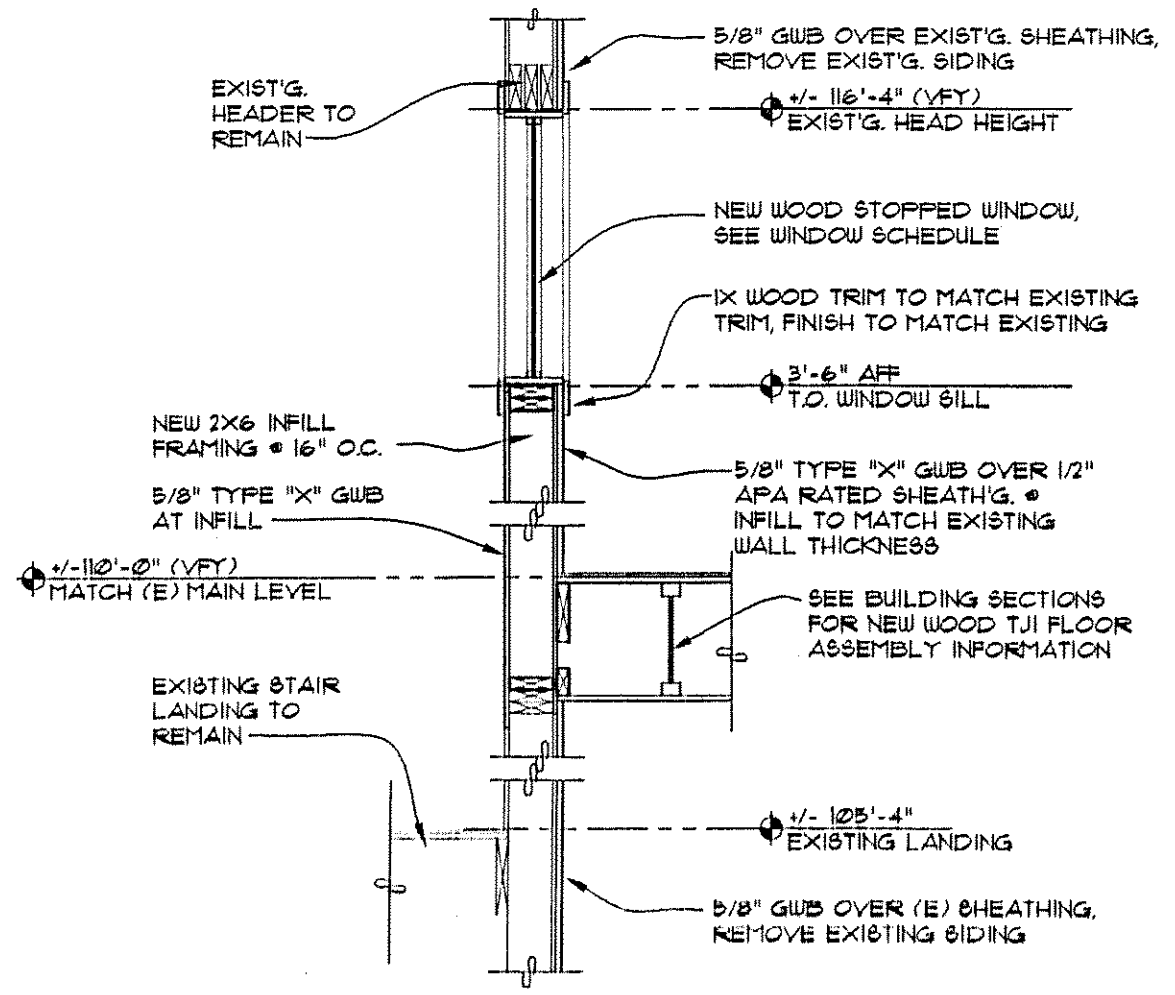
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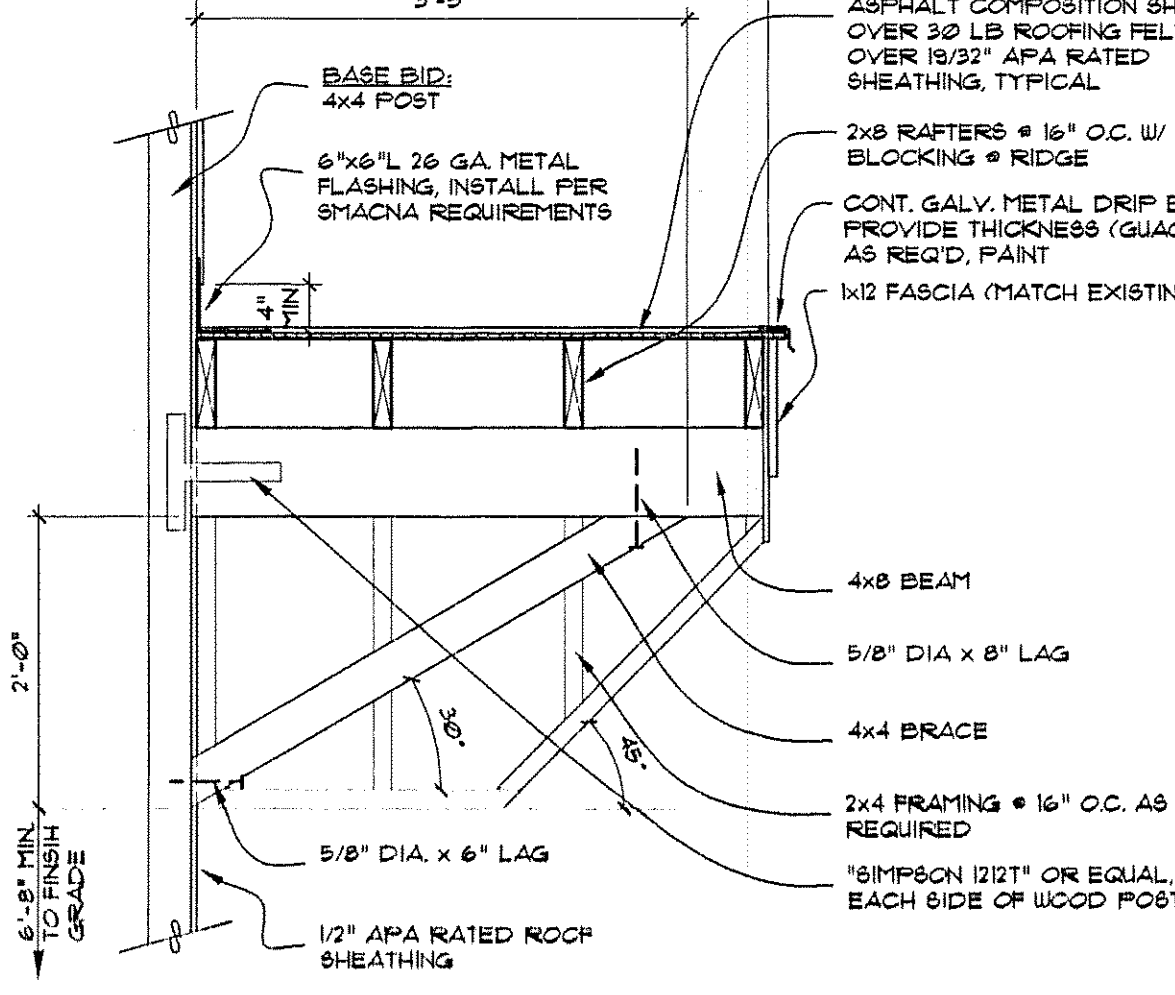
NORTH ELEVATION
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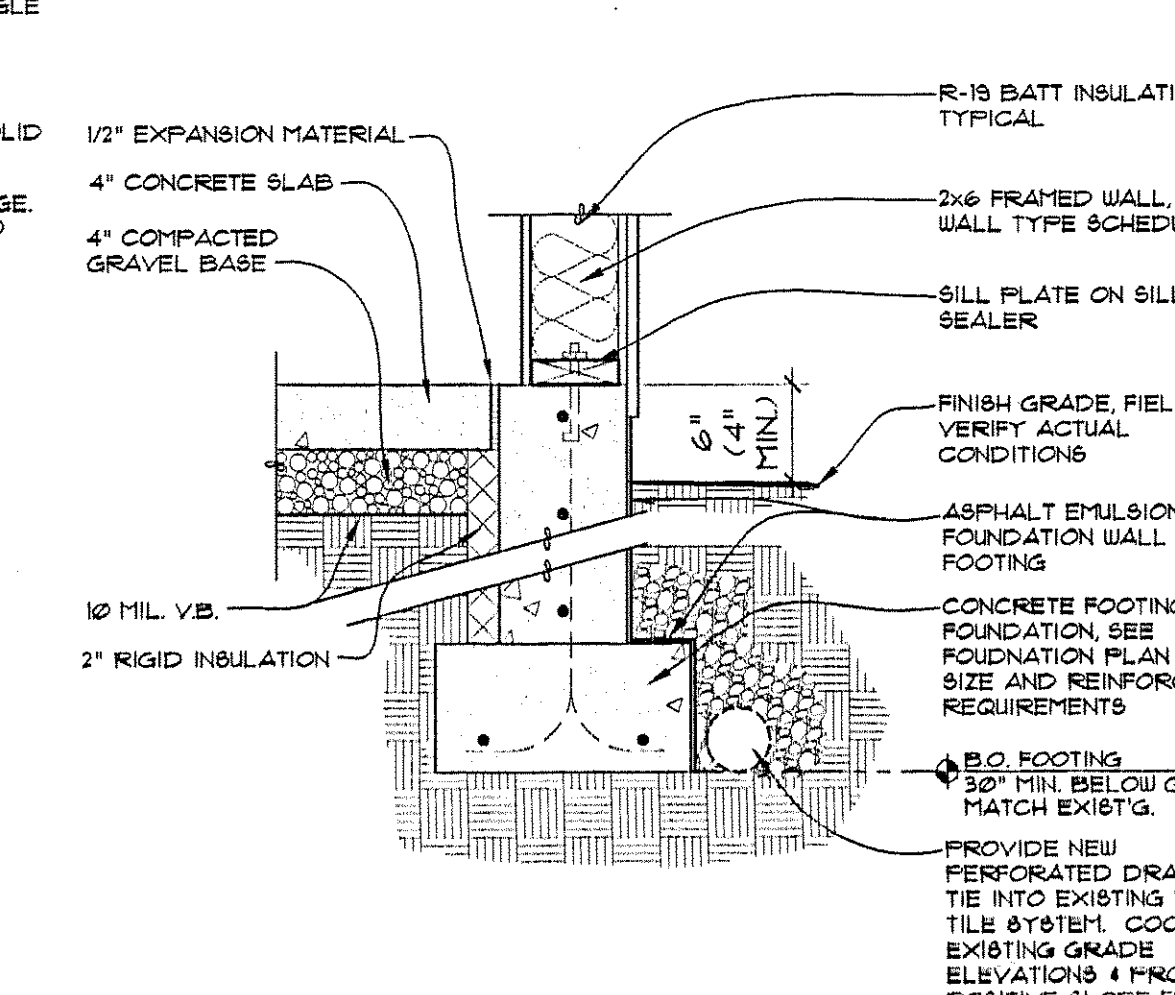
EAVE DETAIL (RAKE SIM.)
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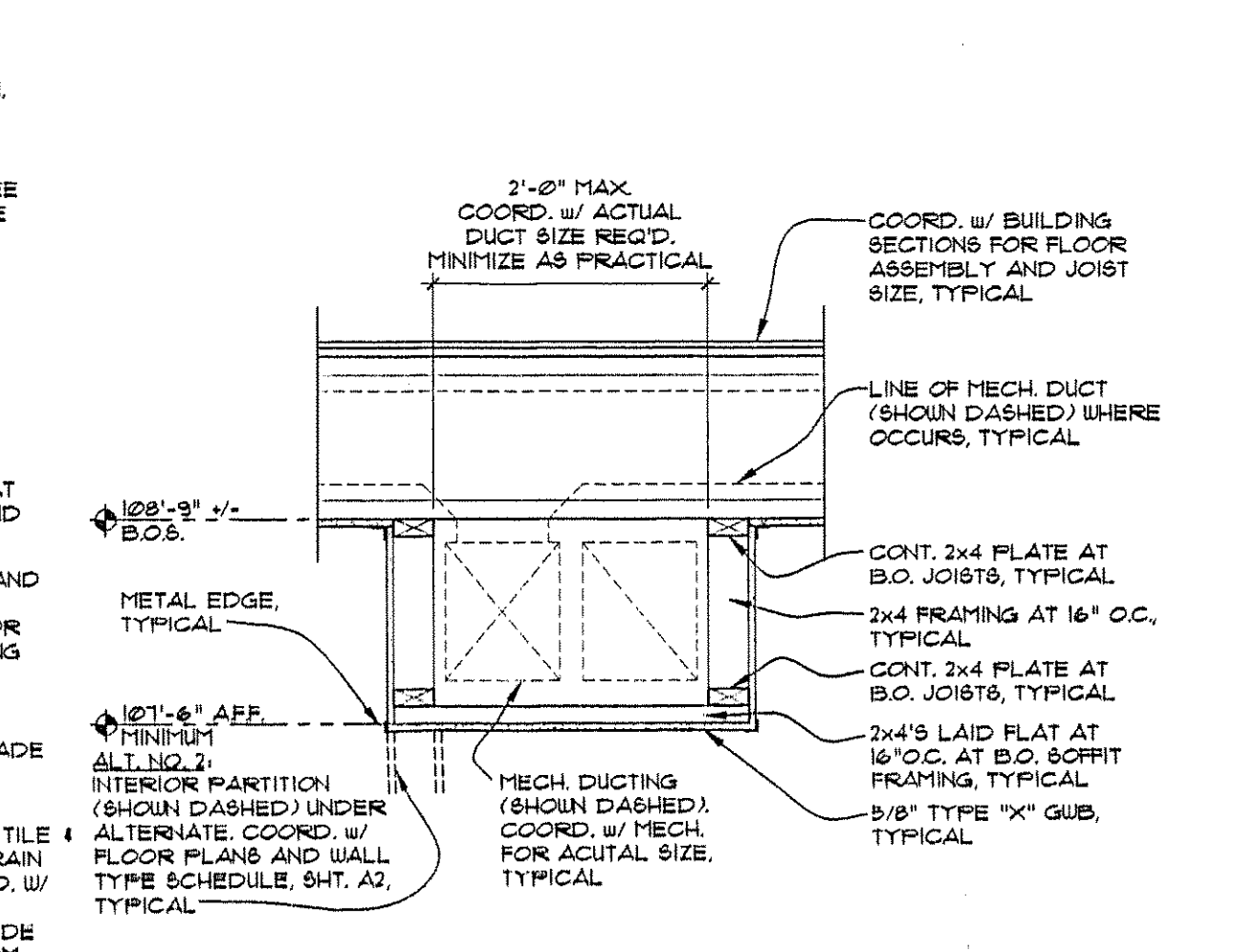
PARTIAL SECTION AT (E) STAIR
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ALT. NO. 1: CANOPY FRAMING
SCALE: 3/4" = 1'-0"



TYPICAL FOOTING DETAIL
SCALE: 1" = 1'-0"



DUCT SOFFIT DETAIL
SCALE: 3/4" = 1'-0"

PROJECT: DPW #04-501
 OFFICE ADDITION - DEARY
 DEARY, IDAHO
 DATE: 06/18/04
 DRAWN: DRG. SEA
 CHECKED: GCC
 PROJECT NO: 03038
 REVISIONS:

CASTELLAW & KOM ARCHITECTS
 850 MAIN STREET
 LEWISTON, IDAHO
 OFFICE (208) 746-0183
 FAX (208) 746-7287

DAHO DEPARTMENT OF LANDS
 OFFICE ADDITION - DEARY
 DEARY, IDAHO
 SHEET: A3

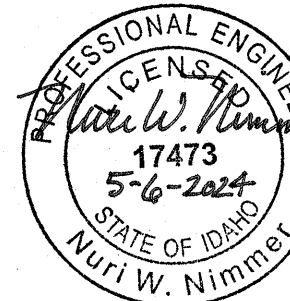
IDAHO DEPARTMENT OF LANDS - DEARY OFFICE - WATER AND SEWER PROJECT

CITY OF DEARY LATAH COUNTY, IDAHO



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Boise, Idaho 83726
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IDAHO DEPARTMENT OF LANDS - DEARY OFFICE - WATER AND SEWER PROJECT
COVER SHEET
IDAHO DEPARTMENT OF LANDS
3130 HIGHWAY 3
DEARY, IDAHO
(208) 877-1122

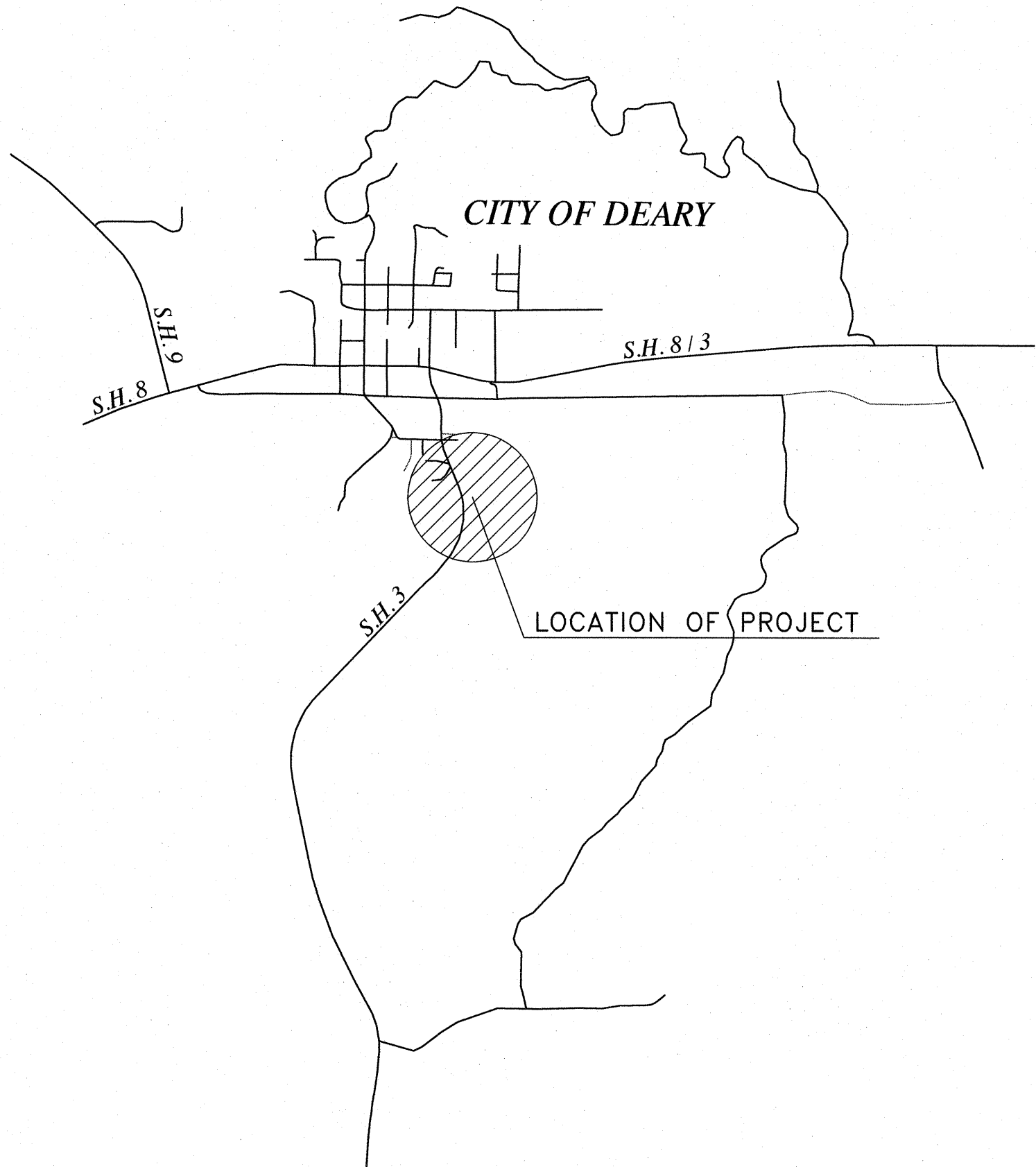
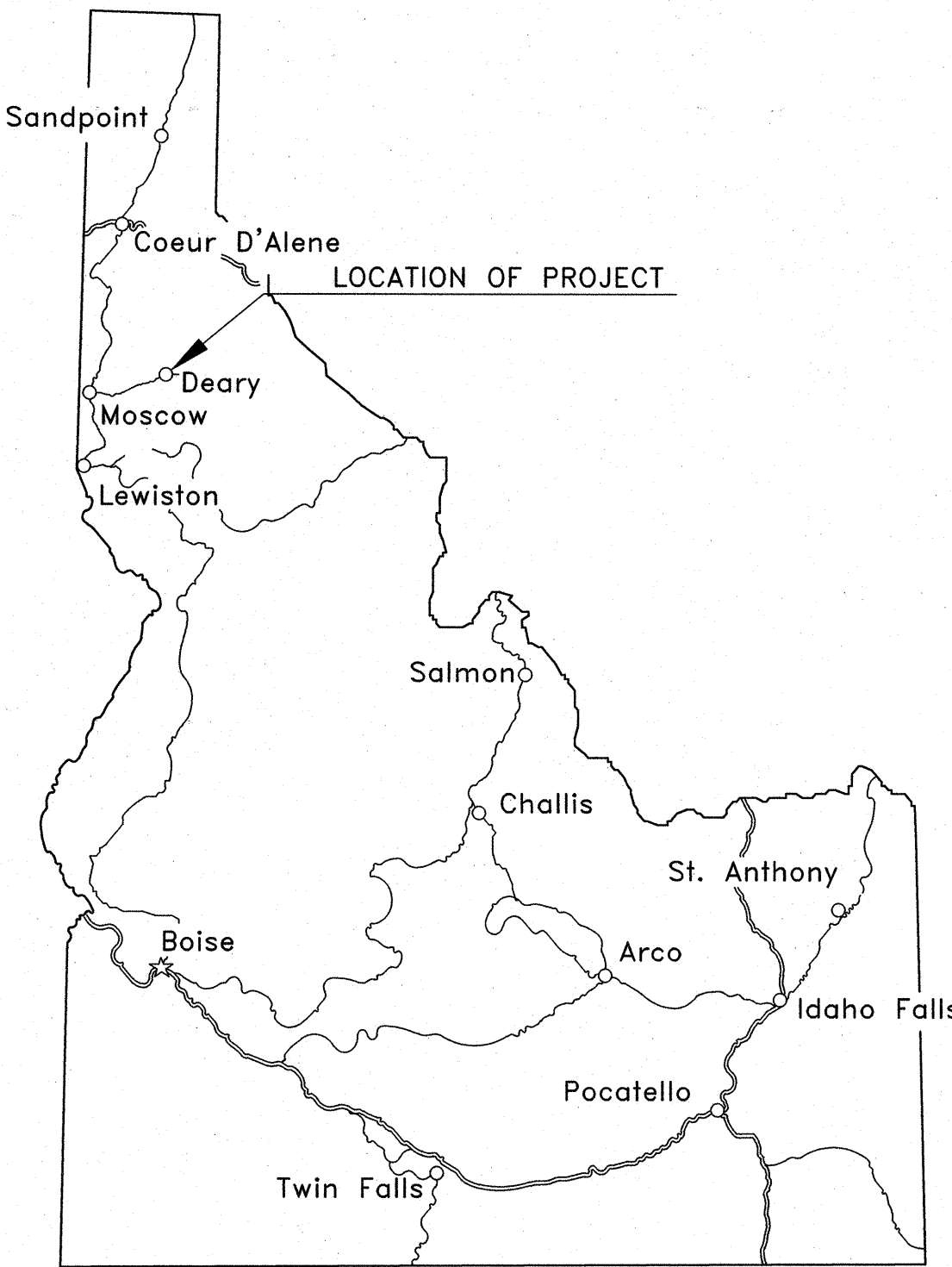
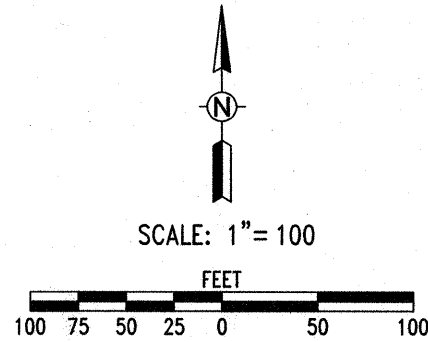
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Plot Style:	PRIMARY.CTB
Project:	4701-11-23
Date:	5/6/2024

C1



BASIS OF ELEVATION
THE BASIS OF ELEVATION FOR THIS SURVEY IS NAVD83,
ESTABLISHED BY GPS. THE BASE POSITION BEING CORRECTED
BY NGS ONLINE POSITIONING USER SERVICE (OPUS).

Sheet Number	Sheet Title
C1	COVER SHEET
C2	UTILITY LAYOUT PLAN
C3	PLAN AND PROFILE - BEGIN TO STA 5+00
C4	PLAN AND PROFILE - STA 5+00 TO END
C5	PUMP BASIN AND POST HYDRANT DETAILS
C6	GENERAL NOTES AND DETAILS



VICINITY MAP



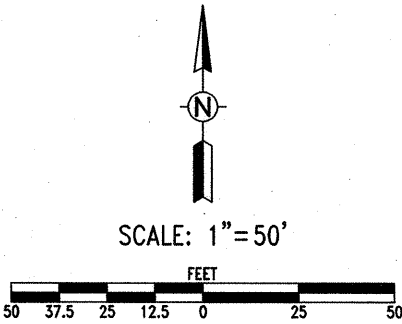
Know what's below.
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GENERAL NOTES

1. IDAHO TRANSPORTATION DEPARTMENT UTILITY ENCROACHMENT PERMIT REQUIRED TO UPGRADE WATER LINE WITHIN THE STATE HIGHWAY RIGHT-OF-WAY.
2. PIPELINE AND FITTINGS SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR.
3. THE CONTRACTOR SHOULD HAVE AN ASSORTMENT OF COUPLERS AND FITTINGS ON HAND OR AVAILABLE BY PROMPT PROCUREMNT TO MAKE THE REQUIRED CONNECTIONS.
4. PROVIDE PIPELINE SEPARATION PER ISPMC SD-407.
5. PROVIDE FOR THE OPERATION OF A TEMPORARY BYPASS PUMP TO ALLOW CONNECTION OF THE NEW PUMP BASIN TO THE EXISTING SYSTEM WITHOUT DISRUPTION OF SEWER SERVICE.
6. NO TREE REMOVAL ALLOWED UNLESS DEEMED NECESSARY DUE TO SAFETY CONCERNS, CONTRACTOR TO IDENTIFY POTENTIAL TREES TO BE REMOVED AND COORDINATE WITH ENGINEER A MINIMUM OF 3 DAYS PRIOR TO REMOVAL.
7. EXISTING UTILITY, VALVE, AND METER LOCATIONS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
8. TOP 2'-0" OF EXCAVATED SOIL MUST BE KEPT SEGREGATED AND USED TO BACKFILL TOP 2'-0" OF TRENCH.

LEGEND

	WATER VALVE
	EXISTING SANITARY SEWER MANHOLE
	EXISTING TELECOMMUNICATIONS PEDESTAL
	EXISTING UTILITY POLE
	PROPOSED 2" WATER SERVICE LINE
	EXISTING 2" WATER LINE - FROM RECORD
	EXISTING SANITARY SEWER PRESSURE LINE
	EXISTING UNDERGROUND GAS LINE
	EXISTING UNDERGROUND POWER LINE
	EXISTING UNDERGROUND TELECOMMUNICATIONS LINE
	PARCEL BOUNDARY
	ROAD CENTERLINE
	RIGHT-OF-WAY LINE
	EXISTING ASPHALT PAVING
	EXISTING CONCRETE PAVING
	EXISTING GRAVEL PAVING



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(208) 882-5525

Nuri W. Nimmet

Nuri W. Nimmet

IDAHO DEPARTMENT OF LANDS – DEARY OFFICE – WATER AND SEWER PROJECT
UTILITY LAYOUT PLAN
IDAHO DEPARTMENT OF LANDS
3130 HIGHWAY 3
DEARY, IDAHO
(208) 877-1122

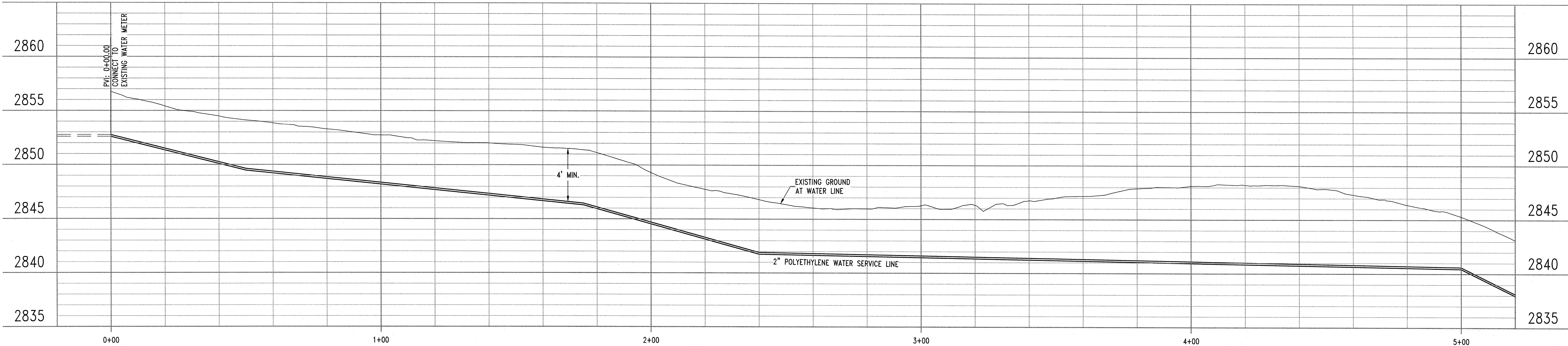
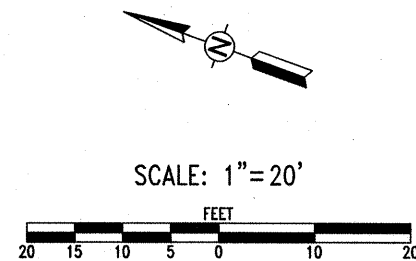
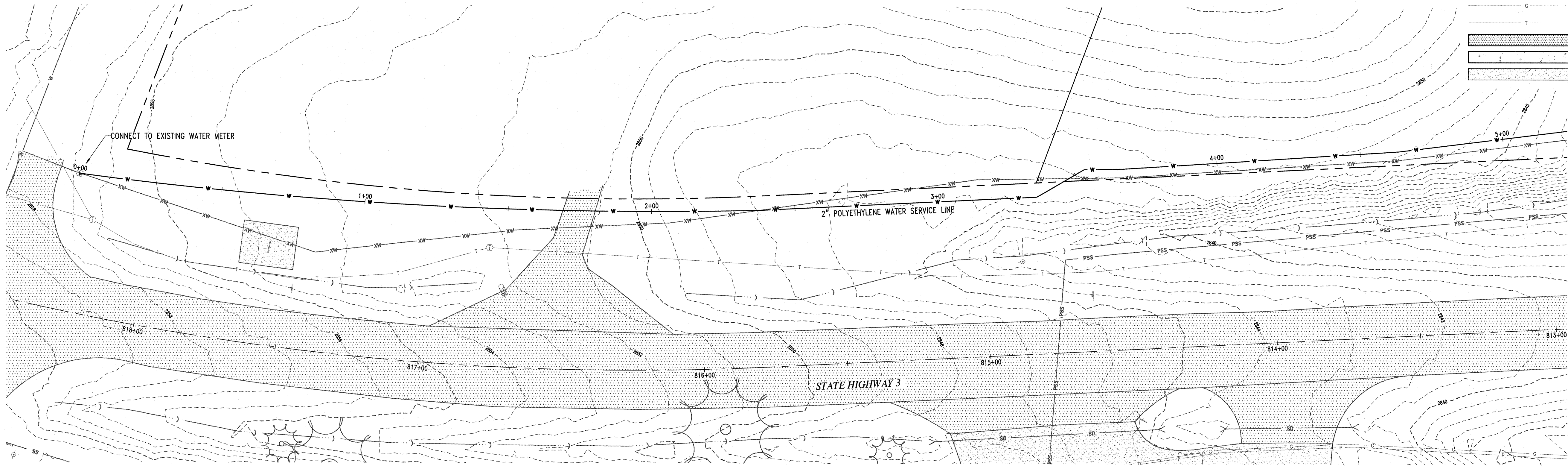
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Drafted by:	SW/NN
Checked by:	SB/NN
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Project:	4701-11-23
Date:	5/6/2024

C2



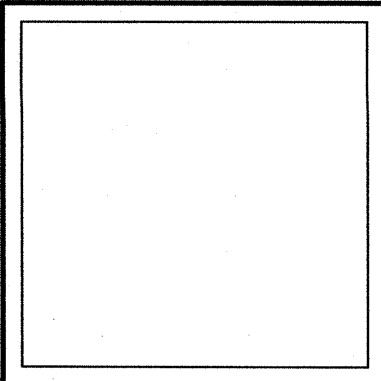
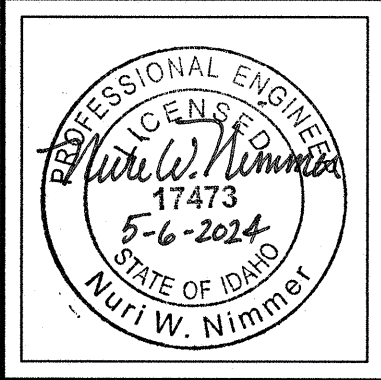
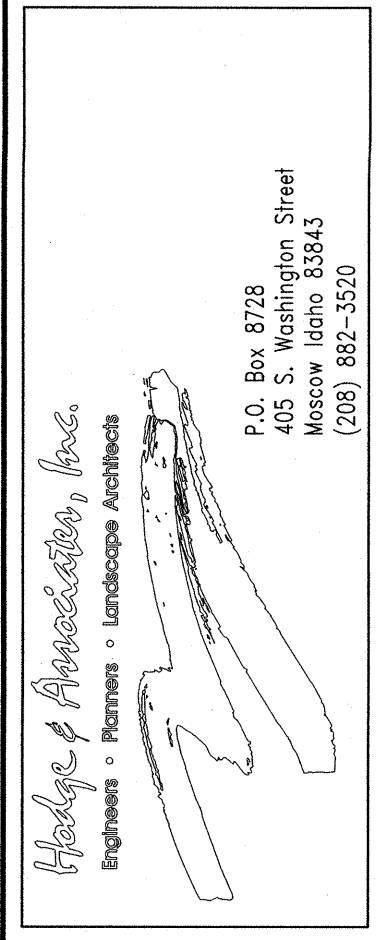
- GENERAL NOTES**
1. PIPE LENGTHS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
 2. NO TREE REMOVAL ALLOWED UNLESS DEEMED NECESSARY DUE TO SAFETY CONCERNS, CONTRACTOR TO IDENTIFY POTENTIAL TREES TO BE REMOVED AND COORDINATE WITH ENGINEER A MINIMUM OF 3 DAYS PRIOR TO REMOVAL.
 3. EXISTING UTILITY, VALVE, AND METER LOCATIONS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
 4. PROFILE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. PROFILE VARIATIONS ALLOWED DURING CONSTRUCTION TO MATCH EXISTING CONDITIONS.
 5. TOP 2'-0" OF EXCAVATED SOIL MUST BE KEPT SEGREGATED AND USED TO BACKFILL TOP 2'-0" OF TRENCH.

LEGEND	
	EXISTING MANHOLE
	FIRE HYDRANT
	WATER METER
	EXISTING TELECOMMUNICATIONS PEDESTAL
	EXISTING UTILITY POLE
	WATER VALVE
	THRUST BLOCK
	SHRUB
	TREES
	IDL PROPERTY BOUNDARY LINE
	RIGHT-OF-WAY LINE
	ROAD CENTERLINE
	EXISTING FENCE
	PROPOSED 2" WATER SERVICE LINE
	EXISTING 2" WATER LINE FROM RECORD
	EXISTING SANITARY SEWER LINE
	EXISTING SANITARY SEWER PRESSURE LINE
	EXISTING CULVERT - STORM DRAIN
	FLOW LINE
	EXISTING GAS LINE
	EXISTING TELECOMMUNICATIONS LINE
	EXISTING ASPHALT PAVING
	EXISTING CONCRETE PAVING
	EXISTING GRAVEL PAVING



SCALE:
HORIZ: 1"=20'
VERT: 1"=5'

PLAN AND PROFILE - BEGIN TO STA 5+00



IDAHO DEPARTMENT OF LANDS - DEARY OFFICE - WATER AND SEWER PROJECT
PLAN AND PROFILE - BEGIN TO STA 5+00
IDAHO DEPARTMENT OF LANDS
3130 HIGHWAY 3
DEARY, IDAHO
(208) 877-1122

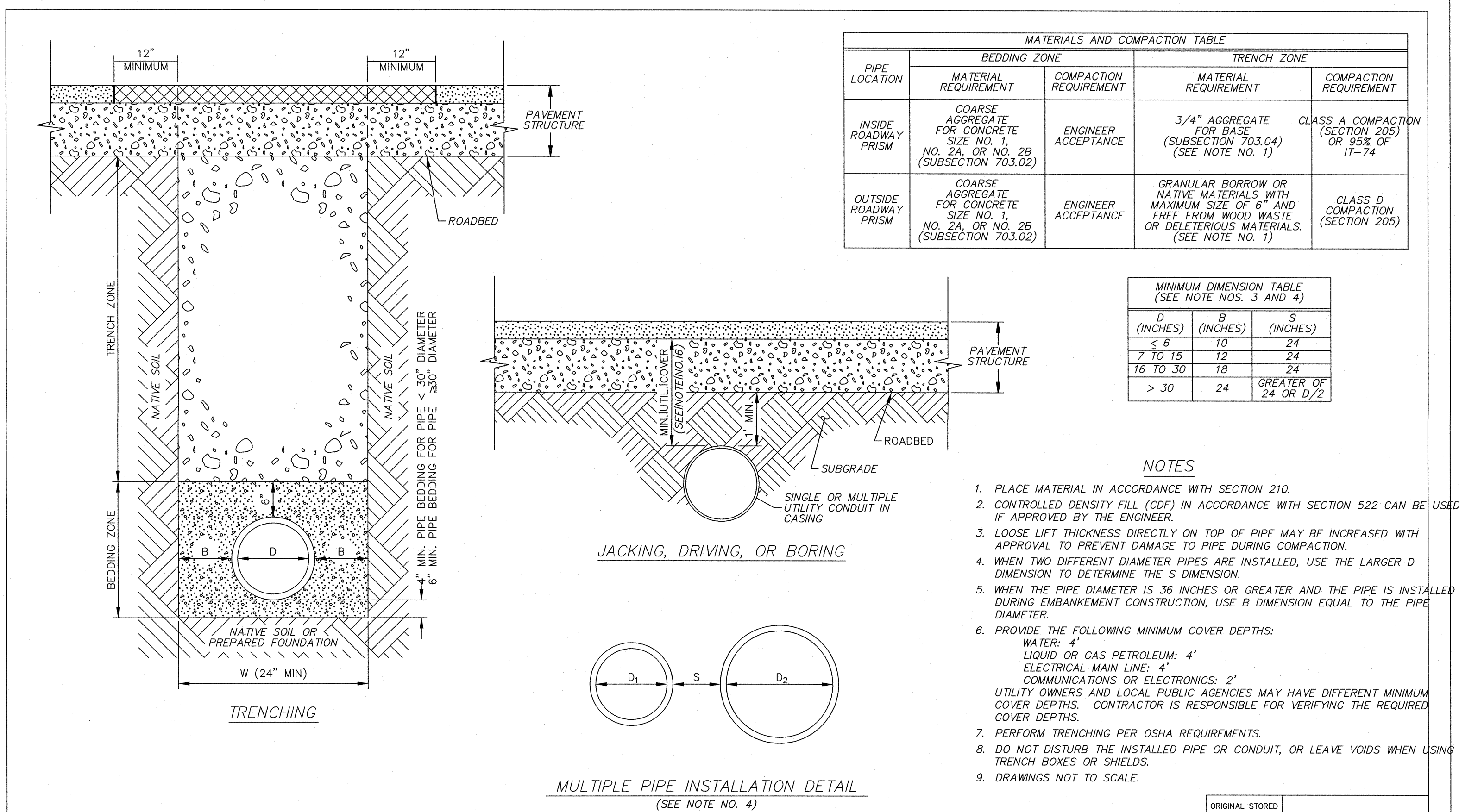
Designed By:	NN/SW
Drafted by:	SW/NN
Checked by:	NN/SB
File Name:	4701 PROFILE.dwg
Tab:	WATER 1
Layer Style:	STANDARD
Plot Style:	PRIMARY.ctb
Project:	4701-11-23
Date:	5/6/2024

C3

SEPARATION OF POTABLE,
NON-POTABLE AND RAW WATER PIPELINES

1. RAW WATER PIPELINES MUST BE PROTECTED FROM CONTAMINATION FROM NON-POTABLE PIPELINES, AND MUST NOT CONTAMINATE POTABLE PIPELINES. THEY SHALL THEREFORE MEET EQUIVALENT SEPARATION DISTANCES SHOWN BELOW FROM EITHER POTABLE OR NON-POTABLE PIPELINES.
- A. PARALLEL INSTALLATION REQUIREMENTS.
- i. POTABLE MAINS IN RELATION TO NON-POTABLE MAINS
1. GREATER THAN TEN (10) FEET SEPARATION: NO ADDITIONAL REQUIREMENTS.
2. TEN (10) FEET TO SIX (6) FEET SEPARATION: SEPARATE TRENCHES, WITH THE BOTTOM OF THE POTABLE MAIN ABOVE THE TOP OF THE NO-POTABLE MAIN, AND NON-POTABLE MAIN CONSTRUCTED WITH POTABLE WATER CLASS PIPE.
3. LESS THAN SIX (6) FEET SEPARATION: DESIGN ENGINEER TO SUBMIT DATA TO DEQ FOR REVIEW AND APPROVAL SHOWING THAT THIS INSTALLATION WILL PROTECT PUBLIC HEATH AND THE ENVIRONMENT, NON-POTABLE MAIN TO BE CONSTRUCTED OF POTABLE WATER CLASS PIPE, AND WITH THE BOTTOM THE POTABLE MAIN ABOVE THE TOP OF THE NON-POTABLE MAIN.
4. NON-POTABLE MAINS ARE PROHIBITED FROM BEING LOCATED IN THE SAME TRENCH AS POTABLE MAIN.
5. PRESSURE WASTEWATER MAINS OR OTHER PRESSURIZED MAINS OR LINES CONTAINING NON-POTABLE FLUIDS SHALL BE NO CLOSER HORIZONTALLY THAN TEN (10) FEET FROM POTABLE MAINS.
- ii. NEW POTABLE SERVICES IN RELATION TO NON-POTABLE SERVICES, NEW POTABLE SERVICES IN RELATION TO NON-POTABLE MAIN, AND NEW NON-POTABLE SERVICES IN RELATION TO POTABLE MAINS.
1. GREATER THAN SIX (6) FEET SEPARATION: NO ADDITIONAL REQUIREMENTS BASED ON SEPARATION DISTANCE.
2. LESS THAN SIX (6) FEET SEPARATION: DESIGN ENGINEER TO SUBMIT DATA THAT THIS INSTALLATION WILL PROTECT PUBLIC HEALTH AND THE ENVIRONMENT AND NON-POTABLE SERVICE CONSTRUCTED WITH POTABLE WATER CLASS PIPE.
3. NEW POTABLE SERVICES ARE PROHIBITED FROM BEING LOCATED IN THE SAME TRENCH AS NON-POTABLE WATER MAINS OR SERVICES.
- B. REQUIREMENTS FOR POTABLE WATER MAINS OR SERVICES CROSSING NON-POTABLE WATER MAINS OR SERVICES.
- i. IF THEIR IS EIGHTEEN (18) INCHES OR MORE VERTICAL SEPARATION WITH THE POTABLE WATER PIPELINE ABOVE THE NON-POTABLE PIPELINE, THEN THE POTABLE PIPELINE JOINTS MUST BE AS FAR AS POSSIBLE FROM THE NON-POTABLE WATER PIPELINE.
- ii. IF THERE IS EIGHTEEN (18) INCHES OR MORE VERTICAL SEPARATION WITH THE POTABLE WATER PIPELINE BELOW THE NON-POTABLE PIPELINE, THEN THE POTABLE PIPELINE JOINTS MUST BE AS FAR AS POSSIBLE FROM THE NON-POTABLE PIPELINE, AND THE NON-POTABLE PIPELINE MUST BE SUPPORTED THROUGH THE CROSSING TO PREVENT SETTLING.
- iii. LESS THAN EIGHTEEN (18) INCHES VERTICAL SEPARATION:
1. POTABLE PIPELINE JOINTS TO BE AS FAR AS POSSIBLE FROM THE ON-POTABLE PIPELINE; AND EITHER:
- a. NON-POTABLE PIPELINE CONSTRUCTED WITH POTABLE WATER CLASS PIPE FOR A MINIMUM OF TEN (10) FEET EITHER SIDE OF POTABLE PIPELINE WITH A SINGLE TWENTY (20) FOOT SECTION OF POTABLE WATER CLASS PIPE CENTERED ON THE CROSSING; OR
- b. SLEEVE NON-POTABLE OR POTABLE PIPELINE WITH POTABLE WATER CLASS PIPE FOR TEN (10) FEET EITHER SIDE OF CROSSING. USE OF HYDRAULIC CEMENTITIOUS MATERIALS SUCH AS CONCRETE, CONTROLLED DENSITY FILL, AND CONCRETE SLURRY FOR ENCASEMENT IS NOT ALLOWED AS A SUBSTITUTE FOR SLEEVING.
2. IF POTABLE PIPELINE IS BELOW NON-POTABLE PIPELINE, THE NON-POTABLE PIPELINE MUST ALSO BE SUPPORTED THROUGH THE CROSSING TO PREVENT SETTLING.
- iv. PRESSURE WASTEWATER MAINS OR OTHER PRESSURIZED MAINS OR LINES CONTAINING NON-POTABLE FLUIDS SHALL BE NO CLOSER VERTICALLY THAN EIGHTEEN (18) INCHES FROM POTABLE MAINS.
- C. EXISTING POTABLE SERVICES IN RELATION TO NEW NON-POTABLE MAINS, EXISTING NON-POTABLE SERVICES IN RELATION TO NEW POTABLE MAINS, AND EXISTING POTABLE SERVICES IN RELATION TO NEW NON-POTABLE SERVICES SHALL MEET THE REQUIREMENTS OF IDAPA 58.01.08 SUBSECTION 542.07.b., WHERE PRACTICAL BASED ON COST, CONSTRUCTION FACTORS, AND PUBLIC HEALTH SIGNIFICANCE. IF IDAHO DEQ DETERMINES THAT THERE ARE SIGNIFICANT HEALTH CONCERNS WITH THESE SERVICES, SUCH AS WHERE A LARGE EXISTING SERVICE SERVES AN APARTMENT BUILDING OR A SHOPPING CENTER, THEN THE DESIGN SHALL CONFORM WITH IDAPA 58.01.08 SUBSECTION 542.07.b.

ITD -- Standard Drawing 07--2008



REVISIONS					
NO.	DATE	BY	NO.	DATE	BY
1	12-15	RDL	2	03-21	TWF
2	03-16	RDL			
3	06-17	RDL			
4	06-18	MEB			
5	11-18	TWF			

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME:
\$FILE\$

DRAWING DATE:
MAY 2014



ORIGINAL SIGNED BY: KEVIN SABLAN
DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING
PIPE AND CONDUIT
INSTALLATION

English

STANDARD DRAWING NO.

601-1

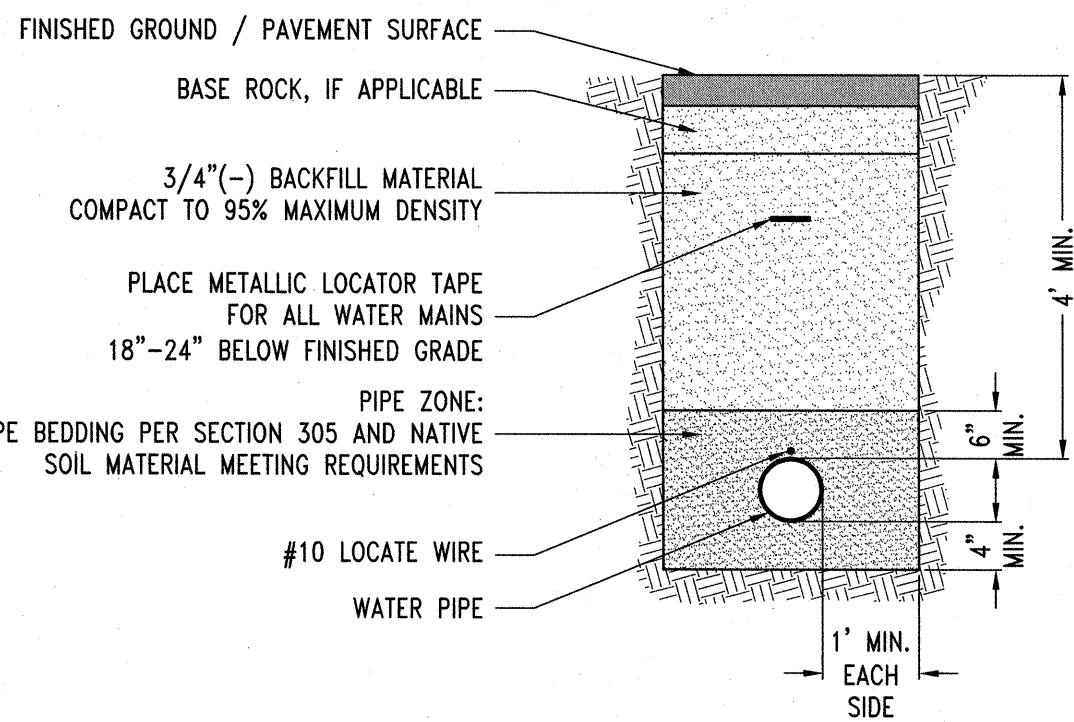
SHEET 1 OF 1

ORIGINAL STORED AT:
ITD Headquarters
3311 West State
Boise, Idaho

ORIGINAL SIGNED BY:
KEVIN W. NIMMER
DATE: 11-1-2021

GENERAL NOTES

1. ALL CONSTRUCTION WORK SHALL CONFORM TO THE LATEST EDITION OF THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION 2017 EDITION AND THE AMENDMENTS INCLUDED IN THESE PLANS AND SPECIFICATIONS.
2. ALL APPROVALS AND PERMITS REQUIRED BY THE CITY OF DEARY AND IDAHO DEPARTMENT OF TRANSPORTATION SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
3. EXISTING SITE INFORMATION INCLUDING THE LOCATION OF EXISTING SITE CONDITIONS, SURFACE TOPOGRAPHY AND PROJECT BENCHMARKS AS SHOWN ON THESE PLANS HAVE BEEN PROVIDED BY HODGE & ASSOCIATES THROUGH FIELD WORK PERFORMED IN 2023. THE EXISTING SITE INFORMATION IS PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR AND SHALL BE FIELD VERIFIED BY CONTRACTOR CONSTRUCTION SURVEY PRIOR TO THE START OF ANY PROJECT CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL CONSTRUCTION STAKING.
4. THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE DRAWINGS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. THE PROJECT ENGINEER ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF THE DELINEATION OF SUCH UNDERGROUND UTILITIES, OR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED, BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY EXACT LOCATIONS OF EXISTING UTILITIES PRIOR TO THE START OF ANY PROJECT CONSTRUCTION. ANY LOCATION WHICH MAY POSE A CONFLICT WITH THE PROPOSED CONSTRUCTION MUST BE REPORTED TO THE PROJECT ENGINEER PRIOR TO THE START OF ANY PROJECT CONSTRUCTION.
5. WATER MAINS AND NON-POTABLE MAINS (SEWER, STORM DRAIN AND IRRIGATION) SHALL HAVE A MINIMUM HORIZONTAL AND VERTICAL SEPARATION IN ACCORDANCE WITH ISPCW SD-407.
6. UNLESS DETAILED, SPECIFIED, OR OTHERWISE INDICATED ON THE DRAWINGS, CONSTRUCTION SHALL BE AS INDICATED ON THE APPLICABLE TYPICAL DETAILS AND GENERAL NOTES. TYPICAL DETAILS SHALL APPLY EVEN THOUGH NOT REFERENCED AT SPECIFIC LOCATIONS ON DRAWINGS.
7. WHERE NO CONSTRUCTION DETAILS ARE SHOWN OR NOTED FOR ANY PART OF WORK, DETAILS SHALL BE THE SAME AS FOR OTHER SIMILAR WORK.
8. ANY CHANGES TO THE DESIGN AS SHOWN IN THESE CONSTRUCTION DRAWINGS MUST BE REVIEWED AND APPROVED BY THE PROJECT ENGINEER BEFORE CHANGES ARE MADE. THIS INCLUDES CHANGES REQUESTED BY THE OWNER AND SUBCONTRACTORS.
9. THE CONTRACTOR SHALL CALL DIG LINE (800-342-1585) TO LOCATE ALL EXISTING UTILITIES AT LEAST THREE (3) DAYS PRIOR TO CONSTRUCTION.
10. THE CONTRACTOR SHALL NOTIFY THE CITY OF DEARY A MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO DISRUPTING WATER SERVICE.
11. CONTRACTOR SHALL PROTECT ALL EXISTING MONUMENTS, SURVEY MARKERS, STREET SIGNS, UTILITIES, IRRIGATION LINES, PAVEMENT, TREES, FENCES, AND ANY OTHER IMPORTANT OBJECTS ON OR ADJACENT TO THE JOB SITE FROM DAMAGE AND REPAIR OR REPLACE DAMAGED FACILITIES AS REQUIRED BY THE OWNER AND THE PROJECT ENGINEER.
12. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE STARTING WORK AND SHALL IMMEDIATELY NOTIFY THE PROJECT ENGINEER OF ANY DISCREPANCIES.
13. CONTRACTOR SHALL PROVIDE THE PROJECT ENGINEER WITH ONE COPY OF REDLINED AS-BUILT DRAWINGS PRIOR TO PROJECT ACCEPTANCE.
14. THE CONTRACTOR SHALL INSTALL NO. 12 COPPER LOCATOR WIRE IN THE TRENCH WITH ALL WATER LINES AND THE INSULATION TYPE SHALL BE SUITABLE FOR DIRECT BURIAL. THE LOCATOR WIRE SHALL BE BROUGHT UP TO THE TOP OF ALL VALVE BOXES, FIRE HYDRANTS AND SERVICES. BLUE TAPE MARKED "WATER" SHALL BE INSTALLED APPROXIMATELY TWO (2) FEET ABOVE ALL WATER MAIN LINES.
15. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL REQUIREMENTS AS REQUIRED BY CITY OF DEARY AND/OR THE IDAHO DEPARTMENT OF TRANSPORTATION.
16. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE SAFETY LAWS OF ANY JURISDICTIONAL BODY INCLUDING, BUT NOT LIMITED TO, SAFE WORKING PRACTICES WITHIN AND AROUND THE CONSTRUCTION AREA. IN ADDITION, JURISDICTIONAL AGENCIES, THE OWNER AND THE PROJECT ENGINEER SHALL NOT BE RESPONSIBLE FOR ENFORCING SAFETY REGULATIONS.
17. CONTRACTOR IS REQUIRED TO PAY FOR ALL COMPACTION TESTING, INCLUDING NUCLEAR DENSITY TESTING OF THE SUBGRADE, SUBBASE, BASE COURSE AND ASPHALT, AND THE COST ASSOCIATED WITH PROCTORS FOR THE BASE COURSE MATERIAL AND ASPHALT PAVEMENT. TESTING SHALL BE CONDUCTED BY AN INDEPENDENT THIRD PARTY.
18. CONDUCT WORK IN A MANNER THAT WILL NOT IMPAIR THE OPERATIONAL CAPABILITIES OF ESSENTIAL ELEMENTS OF THE DISTRIBUTION SYSTEM.
19. LIMIT THE DURATION OF DISTRIBUTION SYSTEM DISRUPTION TO INDIVIDUAL USER TO A SINGLE DAY DURING APPROVED WORK HOURS.
20. NO CITY USER WILL BE WITHOUT WATER SERVICE LONGER THAN PERMITTED WORK HOURS OR 10 HOURS IN ANY GIVEN DAY BETWEEN THE HOURS OF 8:00 AM AND 6:00 PM. IF CONSTRUCTION REQUIRES LONGER DISRUPTION OF SERVICE THE CONTRACTOR WILL COORDINATE WITH THE CITY AND ENGINEER 48 HOURS IN ADVANCE. THE CONTRACTOR WILL INSTALL TEMPORARY FACILITIES TO PROVIDE WATER SERVICE TO INDIVIDUAL RESIDENCES DURING NON-PERMITTED WORK HOURS.
21. THE WATER SERVICE LOCATIONS WILL BE FIELD FIT ON AN AS NEED BASIS. THE LOCATIONS SHOWN ON THE DRAWING ARE GENERAL AND SUBJECT TO CHANGE. THE LOCATIONS ARE BASED ON INFORMATION FROM THE LATAH COUNTY PARCEL PLATT DWG. NO. C 800814 AND OPERATIONS STAFF.
22. NATIVE BEDDING SHALL BE NATIVE SOIL MATERIAL PREVIOUSLY REMOVED FROM TRENCH OR EXCAVATION WITH THE FOLLOWING MATERIAL CHARACTERISTICS: 1) LIQUID LIMIT OF LESS THAN 50 PER ASTM D4318 2) ORGANIC CONTENT SHALL BE LESS THAN 2% PER WEIGHT 3) NO CLUMPS OR CLODDED MATERIAL. GRADATION REQUIREMENTS: 1) 100% PASSING 1-INCH SEIVE SIZE 2) 80-100% PASSING 3/4" SIEVE SIZE.
23. SEED AND MULCH ALL DISTURBED AREAS OUTSIDE ACTIVE AGRICULTURAL OPERATIONS. SEED BLEND SHALL BE 50% PERENNIAL RYE GRASS AND 50% RED FESCUE.



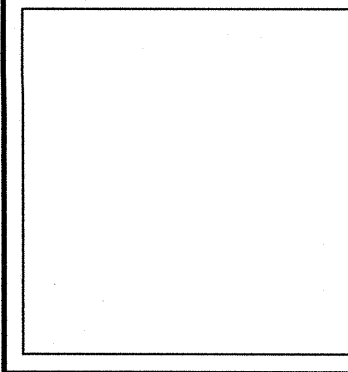
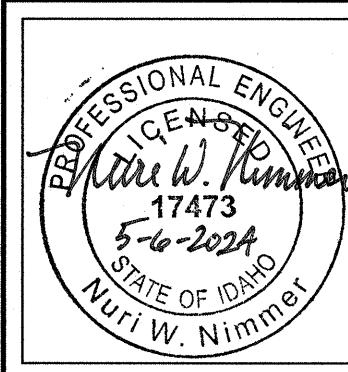
TRENCH OUTSIDE ITD RIGHT-OF-WAY
TYPICAL SECTION

1
C6



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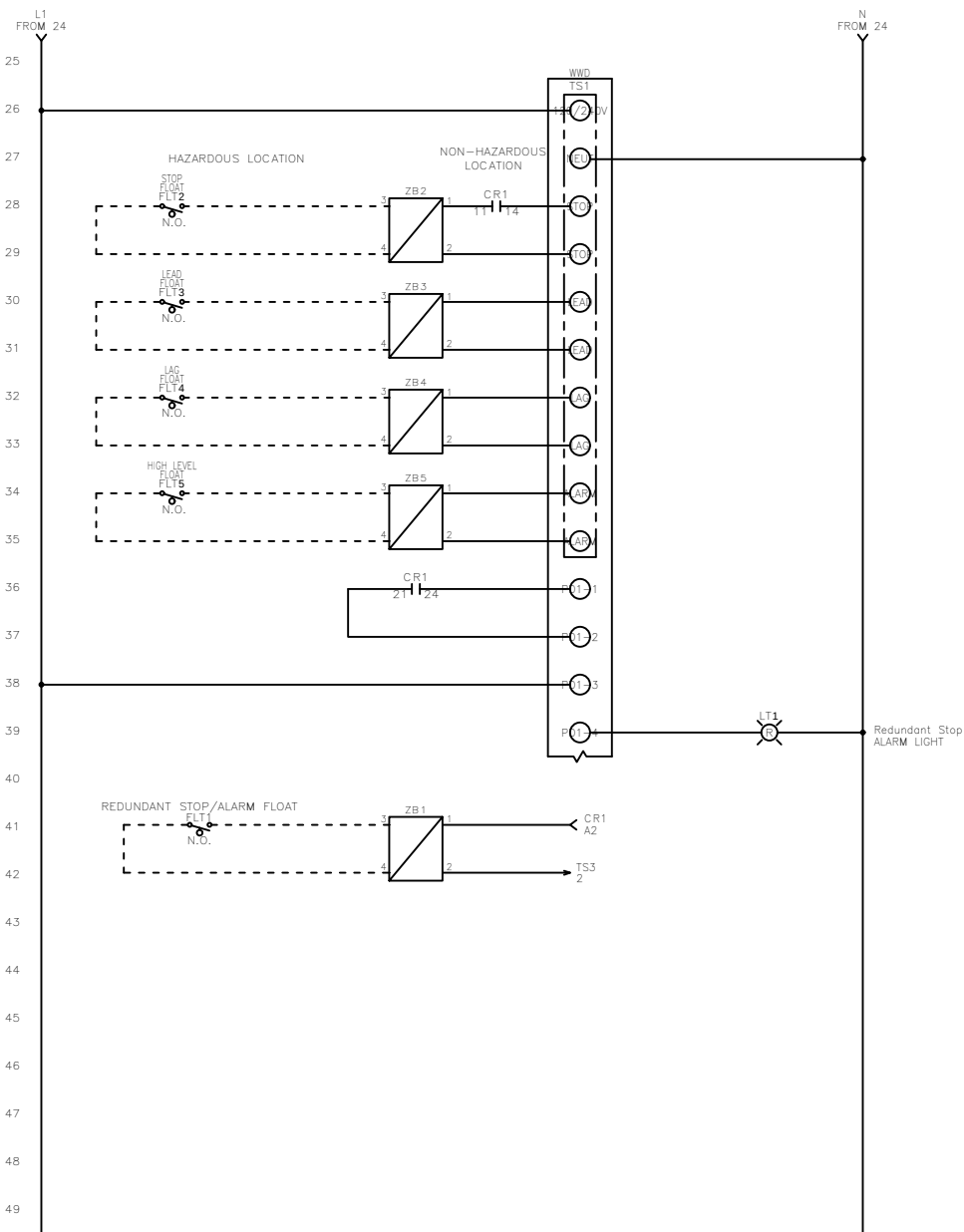
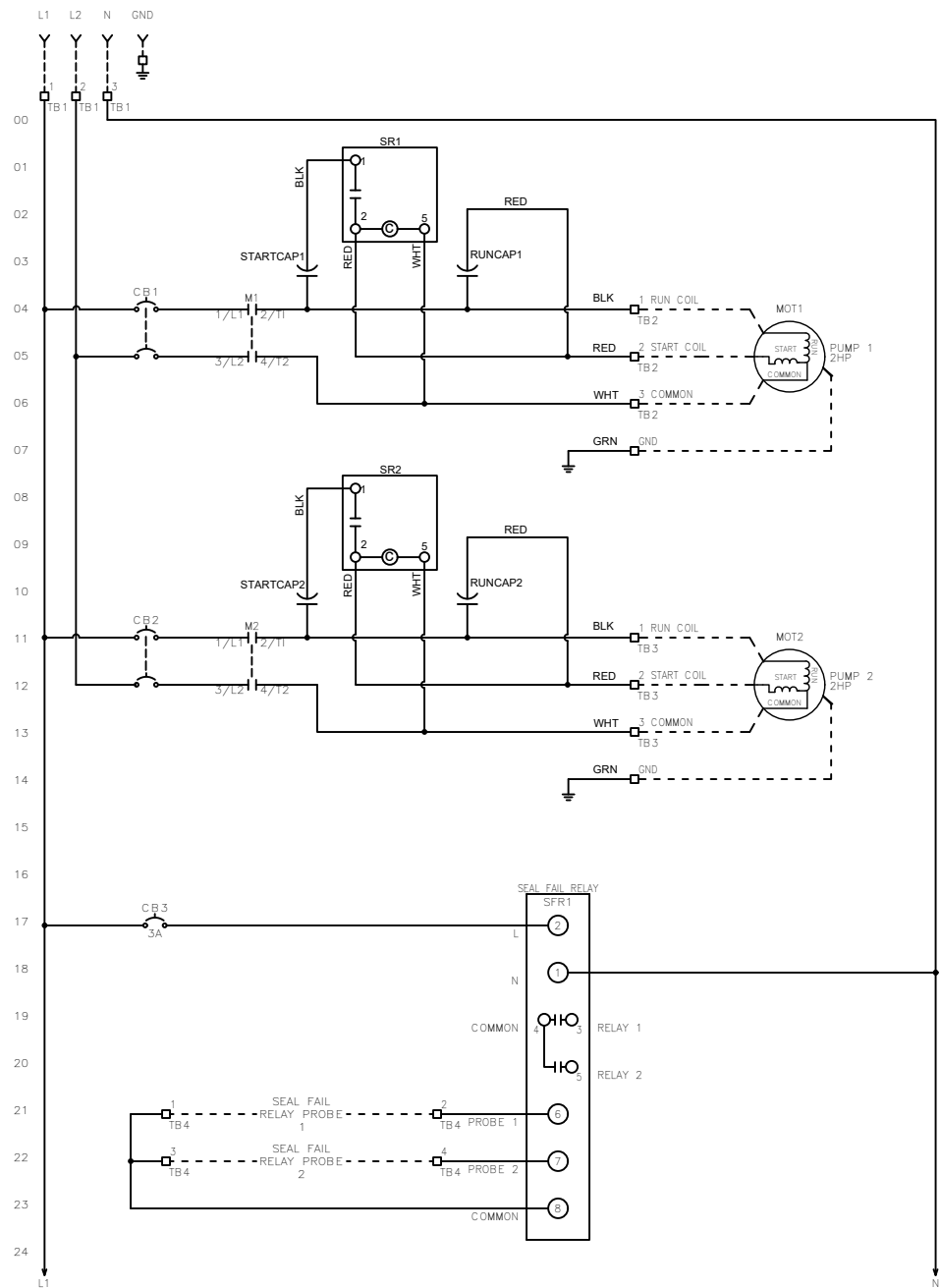
IDAHO DEPARTMENT OF LANDS – DEARY OFFICE – WATER AND SEWER PROJECT
GENERAL NOTES AND DETAILS
IDAHO DEPARTMENT OF LANDS
3130 HIGHWAY 3
DEARY, IDAHO 83723
(208) 877-1172

Designed By:	NN/SW
Drafted by:	SW/NN
Checked by:	NN/SB
File Name:	4701 DETAIL.dwg
Tab:	DETAIL 2
Layer Style:	STANDARD
Plot Style:	PRIMARY.ctb
Project:	4701-11-23
Date:	5/6/2024

C6

FRAME: ISD-WD1P-4-1023-65-CS-SFD

REVDATE: 0524



BARNES PUMP MODEL# XZOGP2072L (240V/1PH/2HP/17.5FLA)

DASHED LINE INDICATES
FIELD WIRING.

USE COPPER CONDUCTORS ONLY.

TEMPERATURE RATING OF CONDUCTORS IS TO BE:
60°C (140°F) FOR UNDER 100A.
75°C (167°F) FOR OVER 100A.

BRANCH CIRCUIT PROTECTION SHALL BE PROVIDED BY THE
INSTALLER. MUST BE SIZED ACCORDING TO PUMP/MOTOR
MANUFACTURING SPECIFICATIONS.

VERIFY CORRECT OPERATION OF CONTROL PANEL AFTER
INSTALLATION IS COMPLETE.

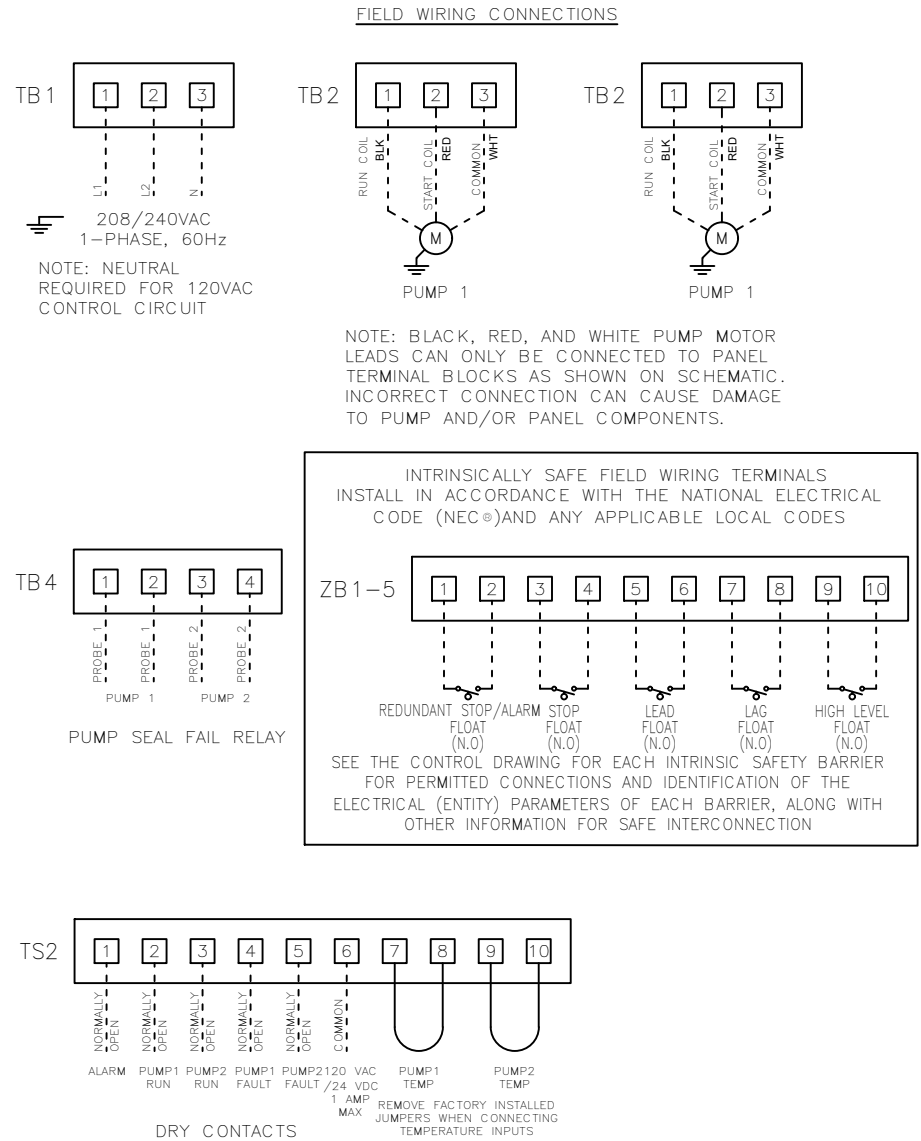
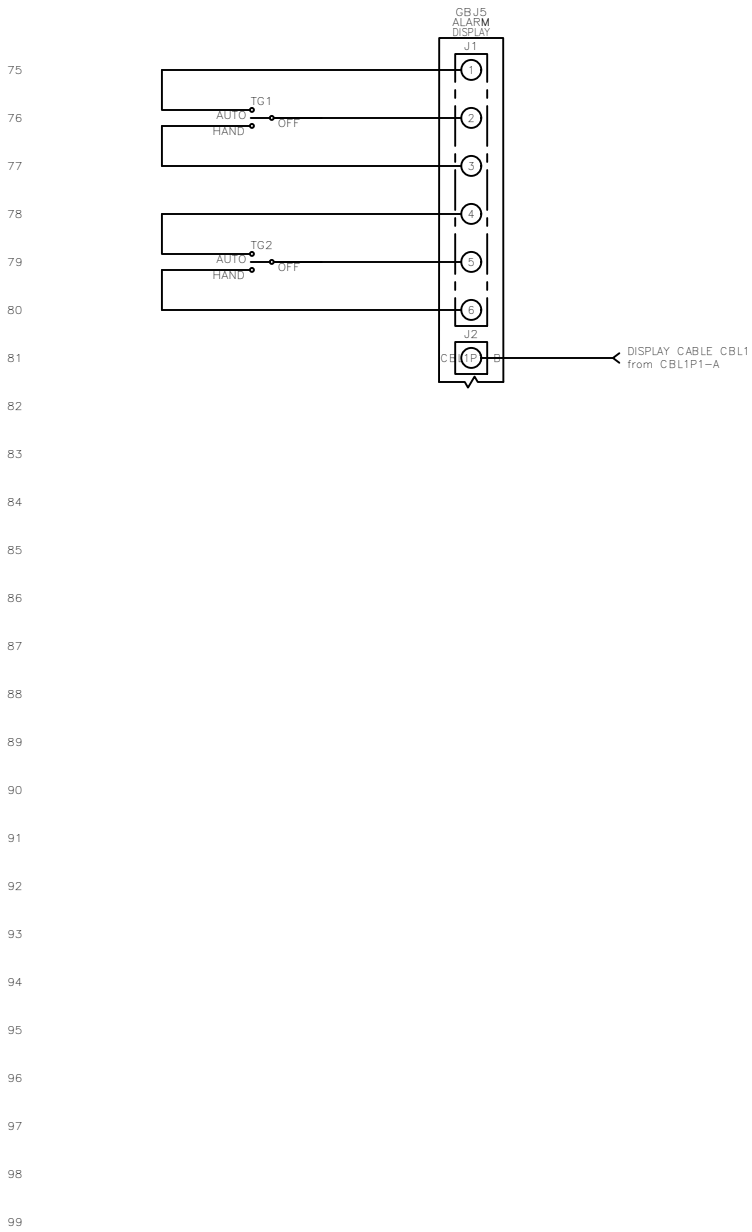
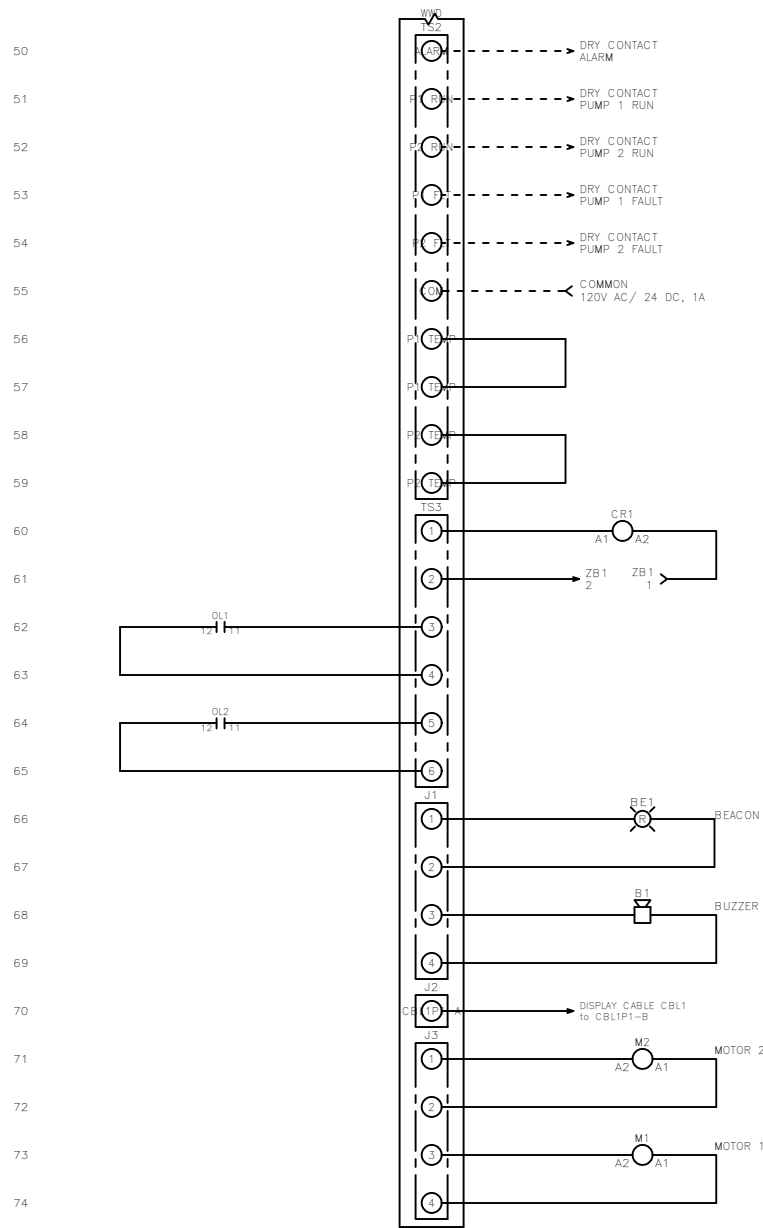
FIELD WIRING TORQUE SPECS.	
TERMINAL BLOCK UT 2,5	5 IN-LB
TERMINAL BLOCK UT 4	7 IN-LB
TERMINAL BLOCK UT 6	15 IN-LB
TERMINAL BLOCK UT 10	15 IN-LB
TERMINAL BLOCK UT 16	25 IN-LB
TERMINAL BLOCK UT 35	30 IN-LB
TS1, TS2, J1, J2 & J3 PCB	8 IN-LB
TRANSFORMER H1F, H2F & H3F	15 IN-LB
TRANSFORMER H1, H2 & H3	10 IN-LB
DS1 VLS3P63-125 R2	45 IN-LB
DS1 LK4JU3CN 100A	36 IN-LB
DS1 LK4MU3N 200A	200 IN-LB

DRAWN BY:	JCR	DATE:	05/30/24
APPROVED BY:	DO	DATE:	05/30/24
THIS DRAWING CONTAINS PROPRIETARY INFORMATION AND SHALL NOT BE USED OR DISCLOSED WITHOUT PRIOR WRITTEN AUTHORIZATION.			



TITLE: ISD-WD1P-4-1023-65-CS-SFD
CONTROL SCHEMATIC

SIZE	DWG NO.	PART NO.	REV
B	6037	ISD-WD1P-4-1023-65-CS-SFD	
SCALE NONE		SHEET	1 OF 2



----- DASHED LINE INDICATES FIELD WIRING.

USE COPPER CONDUCTORS ONLY.

TEMPERATURE RATING OF CONDUCTORS IS TO BE:
60°C (140°F) FOR UNDER 100A.
75°C (167°F) FOR OVER 100A.

BRANCH CIRCUIT PROTECTION SHALL BE PROVIDED BY THE INSTALLER. MUST BE SIZED ACCORDING TO PUMP/MOTOR MANUFACTURING SPECIFICATIONS.

VERIFY CORRECT OPERATION OF CONTROL PANEL AFTER INSTALLATION IS COMPLETE.

FIELD WIRING TORQUE SPECS.	
TERMINAL BLOCK UT 2,5	5 IN-LB
TERMINAL BLOCK UT 4	7 IN-LB
TERMINAL BLOCK UT 6	15 IN-LB
TERMINAL BLOCK UT 10	15 IN-LB
TERMINAL BLOCK UT 16	25 IN-LB
TERMINAL BLOCK UT 35	30 IN-LB
TS1, TS2, J1, J2 & J3 PCB	8 IN-LB
TRANSFORMER H1F, H2F & H3F	15 IN-LB
TRANSFORMER H1, H2 & H3	10 IN-LB
DS1 VLS3P63-125 R2	45 IN-LB
DS1 LK4JU3CN 100A	36 IN-LB
DS1 LK4MU3N 200A	200 IN-LB

DRAWN BY: JCR
DATE: 05/30/24
APPROVED BY: DO
DATE: 05/30/24

THIS DRAWING CONTAINS PROPRIETARY INFORMATION AND SHALL NOT BE USED OR DISCLOSED WITHOUT PRIOR WRITTEN AUTHORIZATION.



TITLE: ISD-WD1P-4-1023-65-CS-SFD CONTROL SCHEMATIC

SIZE: B	DWG NO.: 6037	PART NO.: ISD-WD1P-4-1023-65-CS-SFD	REV:
SCALE: NONE		SHEET: 2 OF 2	

BARNES PUMP MODEL# XZOGP2072L (240V/1PH/2HP/17.5FLA)

XZOGP 2 HP



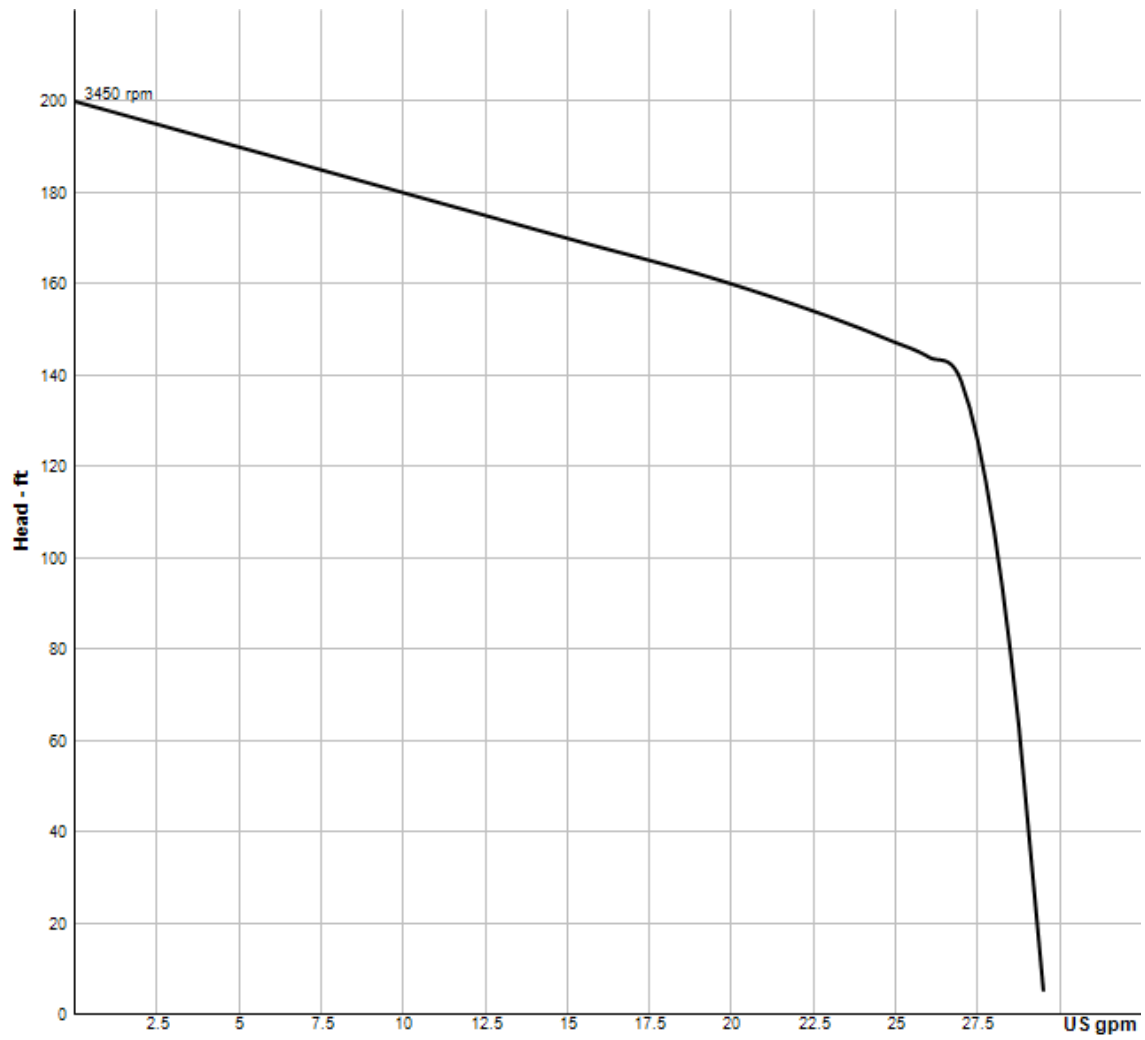
BARNES®

Explosion Proof

Specifications

IMPELLER:	Design: 12 Vane vortex, with pump out vanes on back side. Dynamically balanced, ISO G6.3.
	Material: 85-5-5-5 Bronze
	Design: Dual mechanical
	Material:
SEAL:	• Rotating Faces: Silicon-carbide • Stationary Faces: Silicon-carbide • Elastomer: Buna-N • Hardware: 300 Series stainless steel
CORD ENTRY:	30 ft. (9.1 m) Custom plug & play for sealing and strain relief
CORD:	CSA/UL Approved, 12/4 Type SOW
DISCHARGE:	1 1/4" NPT
LIQUID TEMPERATURE:	104°F (40°C) Continuous
VOLUTE:	Cast iron ASTM A-48, class 30
MOTOR HOUSING:	Cast iron ASTM A-48, class 30
SEAL PLATE:	Cast Iron ASTM A-48, Class 30
CUTTER PLATE:	Hardened 440C stainless steel Rockwell® C-55
CUTTER:	Hardened 440C stainless steel, Rockwell® C-55
SHAFT:	416 Stainless steel
O-RINGS:	Buna-N
HARDWARE:	300 Series stainless steel
PAINT:	Powder coat
UPPER BEARING:	Design: Single row, ball
	Lubrication: Self lubricated (grease)
	Load: Radial & thrust
	Design: Single row, ball
LOWER BEARING:	Lubrication: Oil
	Load: Radial & thrust
MOISTURE SENSORS:	Normally open (N/O), Requires relay in control panel
TEMPERATURE SENSORS:	Normally closed (N/C), Requires relay in control panel
CERTIFICATION:	CSA 145, Class 1 Division 1, Groups C&D (Pending)
MOTOR:	Design:
	• NEMA L-Single phase torque curve, oil-filled, squirrel cage induction (includes overload protection in the motor), • NEMA B three phase torque curve
	Insulation: Class F
SINGLE PHASE:	Requires Capacitor Kit Sold Separately - Part Number 147109
THREE PHASE:	Tri-Voltage 208-240/480, requires overload protection to be included in control panel.

Curve



MODEL INFORMATION

MODEL NO	XZOGP2072L	XZOGP2092L	XZOGP2042L	XZOGP2052L
HP	2	2	2	2
VOLT	208-240	208-240	480	600
PH/HZ	1/60	3/60	3/60	3/60
RPM (NOM)	3450	3450	3450	3450
NEMA START CODE	H	L	L	J
FULL LOAD AMPS	17.5-15.0	10.2-9.4	4.6	3.6
LOCKED ROTOR AMPS	53.8	43.9	22	14.5
CORD SIZE	12/3	12/3	12/3	12/3
CORD TYPE	SOW	SOW	SOW	SOW
CORD O.D. $\pm$ 0.02 -0.5IN (MM)	0.65	0.65	0.65	0.65



IMPORTANT

- 1.) MOISTURE AND TEMPERATURE SENSORS MUST BE CONNECTED TO VALIDATE THE CSA LISTING.
- 2.) A NON-SPARKING C-CHANNEL FITTING MUST BE USED TO VALIDATE THE CSA LISTING.
- 3.) A SPECIAL MOISTURE SENSOR RELAY IS REQUIRED IN THE CONTROL PANEL FOR PROPER OPERATION OF THE MOISTURE SENSORS. CONTACT BARNES PUMPS FOR INFORMATION CONCERNING MOISTURE SENSING RELAYS FOR CUSTOMER SUPPLIED CONTROL PANELS.
- 4.) THESE PUMPS ARE LISTED FOR PUMPING WATER AND WASTEWATER. DO NOT USE TO PUMP FLAMMABLE LIQUIDS.
- 5.) INSTALLATIONS SUCH AS DECORATIVE FOUNTAINS OR WATER FEATURES PROVIDED FOR VISUAL ENJOYMENT MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE ANSI/NFPA 70 AND/OR THE AUTHORITY HAVING JURISDICTION. THIS PUMP IS NOT INTENDED FOR USE IN SWIMMING POOLS, RECREATIONAL WATER PARKS, OR INSTALLATIONS IN WHICH HUMAN CONTACT WITH PUMPED MEDIA IS A COMMON OCCURRENCE.

