



# U.S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT NIFC CAMPUS STORM PIPE AND WATERLINE REPLACEMENT

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- P101 PLUMBING PLAN / ELEVATION / SCHEDULE
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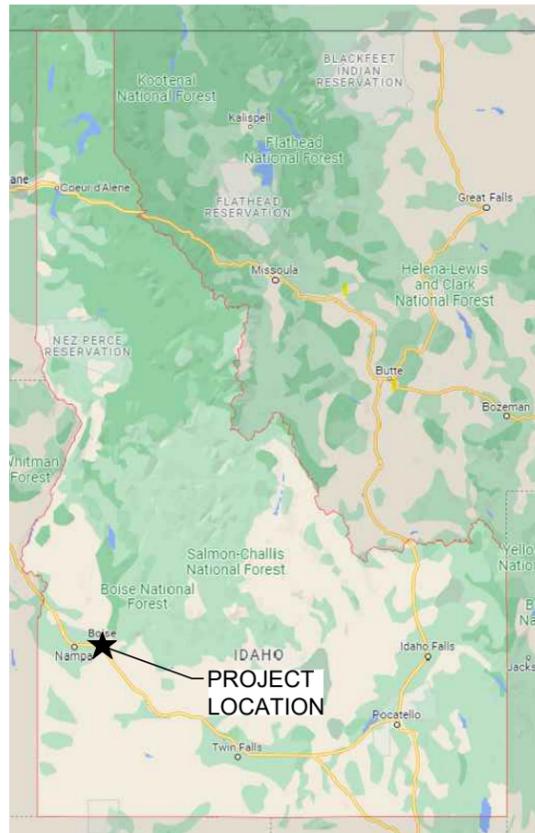


Know what's below.  
Call before you dig.  
CALL 2 BUSINESS DAYS IN ADVANCE BEFORE  
YOU DIG, GRADE, OR EXCAVATE FOR THE  
MARKING OF UNDERGROUND MEMBER  
UTILITIES

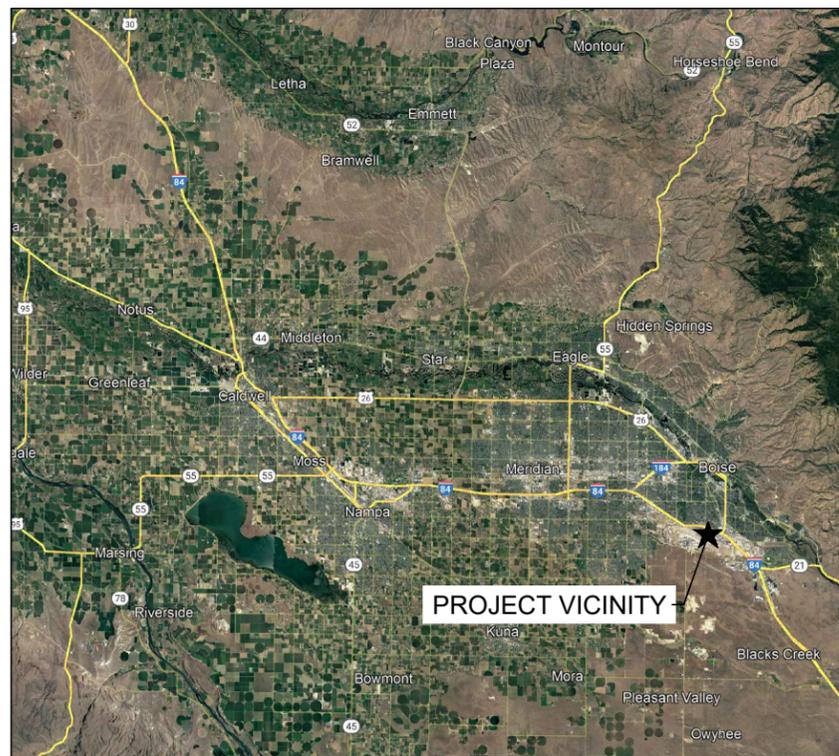
## DESIGNERS



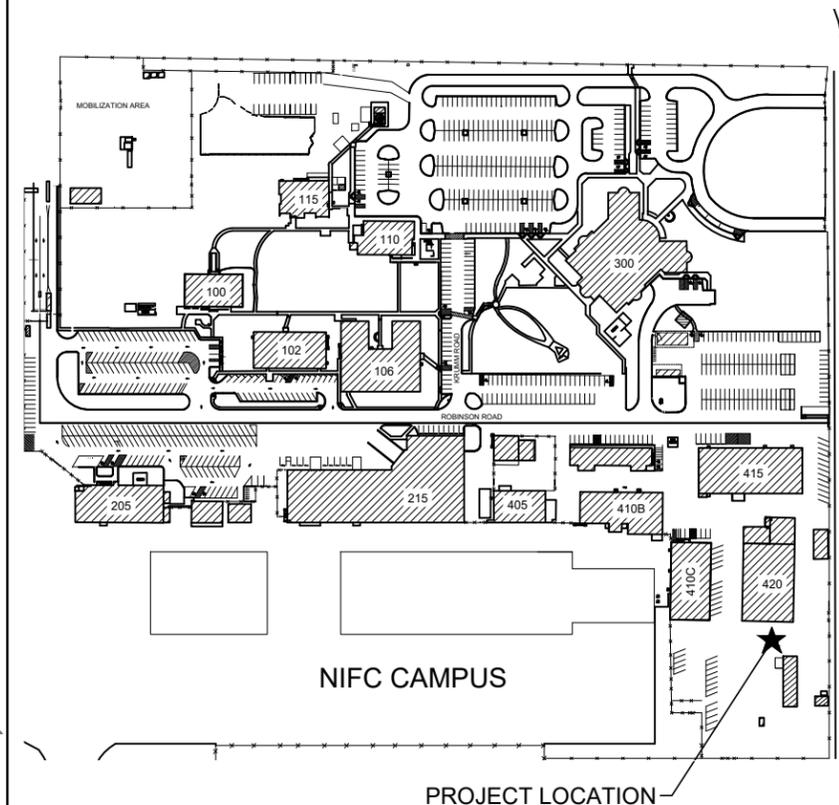
## PROJECT LOCATION



## PROJECT VICINITY - BOISE, IDAHO



## SITE ACCESS - NIFC CAMPUS



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

COVER SHEET

NIFC CAMPUS STORM PIPE AND WATERLINE REPLACEMENT

NATIONAL INTERAGENCY FIRE CENTER

BOISE, IDAHO

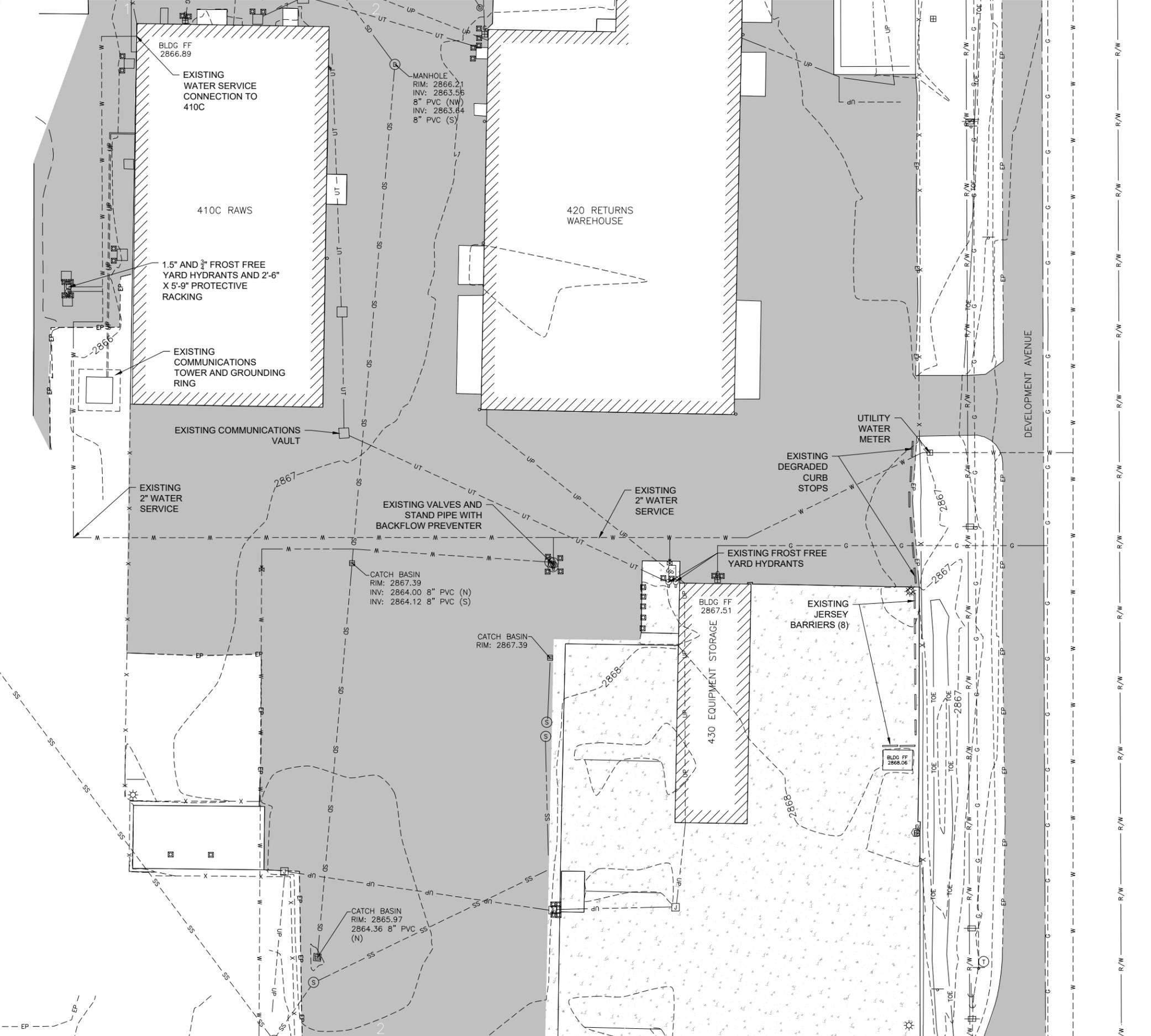
MARK	DESCRIPTION	DATE	APPROVED

PROJECT NO: 070048.052  
DESIGN OFFICE: NORTH WIND IDAHO FALLS  
DESIGNED BY: SM  
DRAWN BY: SM  
CHK'D BY: BC  
APPROVED BY: BC  
DATE: 07/22/2022

G001  
SHEET 1 OF 13

PLOT DATE: 10/20/2022 11:09 AM PLOTTED BY: Sarah Macdonald  
C:\070048.052\NIFC Comp. STA. Fig. 01.dwg RSP/C/S/03 Drawings/CAD/G001

PLOT DATE: 10/20/2022 11:12 AM PLOTTED BY: Ben L. Carter  
 L:\070048\052-NFC Comp. STW Page 6 of 6 REPLIC\03 Drawings\C101



**NOTES:**

1. SURVEY SUPPLIED BY J-U-B ENGINEERS, LLC DURING THE DEVELOPMENT OF "NIFC CAMPUS STORM DRAIN PIPING INVESTIGATION, JAN 2022" AND SUPPLEMENTED BY J-U-B IN MARCH 2022 FOR THIS EFFORT.
2. HORIZONTAL DATUM IS NAD 83 (NSRS2007), MODIFIED IDAHO STATE PLANE COORDINATE SYSTEM (WEST ZONE 1103). ANY BEARINGS SHOWN ARE AT GRID AZIMUTH. ANY DISTANCES SHOWN REPRESENT GROUND DISTANCES.
3. MODIFIED IDAHO STATE PLANE COORDINATES, REPRESENTING GROUND DISTANCES, WERE CALCULATED BY USING A COMBINED FACTOR OF 1.0001799589 DERIVED FROM THE ADA COUNTY GIS SYSTEM.
4. VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88). NGS BENCH MARK'S - (IDA 80 35, PID # OH0133) AND (T 86, PID # OH0127) WERE USED TO CONTROL ELEVATION FOR THE PROJECT.
5. LOCATIONS OF EXISTING UTILITIES ARE SHOWN IN APPROXIMATE WAY ONLY. CONTRACTOR SHALL DETERMINE LOCATIONS OF ALL EXISTING UTILITIES BEFORE WORK.

**LEGEND:**

---UP---	UP	UNDERGROUND POWER
---SS---	SS	SANITARY SEWER
---UT---	UT	UNDERGROUND TELECOM
---W---	W	WATERLINE
---EP---	EP	EDGE OF PAVEMENT
---X---	X	CHAIN LINK FENCE
---SD---	SD	STORM DRAIN
---G---	G	GAS LINE
---R/W---	R/W	PERCEIVED RIGHT OF WAY
		BUILDING
		ASPHALT PAVEMENT
		CONCRETE PAVEMENT
⊙		SANITARY SEWER MANHOLE
⊙		TELECOM MANHOLE
⊙		LIGHTPOLE
⊙		ELECTRICAL POLE
⊙		BOLLARD
⊙		YARD HYDRANT
⊙		GAS METER
⊙		ELECTRICAL JUNCTION BOX

  
 Ben L. Carter  
 PROFESSIONAL REGISTERED ENGINEER  
 No. 13070  
 STATE OF IDAHO  
 Digitally signed by Ben L. Carter  
 Date: 2022.10.19 08:14:15 -06'00'



UNITED STATES DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT  
**EXISTING CONDITIONS PLAN**  
 NIFC CAMPUS STORM PIPE & WATER LINE REPLACEMENT  
 BOISE, IDAHO

PROJECT NO:	DESIGN OFFICE:	DESIGNED BY:	DRAWN BY:	CHK'D BY:	APPROVED BY:	DATE:	MARK	DESCRIPTION	DATE	APPROVED
070048.052	LBVD FEDERAL, IDAHO FALLS	SM	SM	BC	BC	10/19/2022				



**NOTES:**

1. CONTRACTOR SHALL DEMOLISH WATER LINE, FENCING AND PAVEMENTS TO FULL DEPTH. CONTRACTOR SHALL REMOVE AND SALVAGE ALL VALVES AND STANDPIPES AND SHALL RETURN TO OWNER.
2. WHERE CONCRETE OR ASPHALT PAVEMENT IS TO BE REMOVED, CLEAN, PERPENDICULAR SAWCUTS SHALL BE MADE. WHERE CONCRETE IS TO BE REPLACED, EXPANSION JOINT SHALL BE USED AROUND PROPOSED CONCRETE. WHERE ASPHALT IS BEING SAWCUT AN REPLACED, CONTRACTOR SHALL MILL THE TOP HALF INCH OF THE 6 INCHES OF ADJACENT ASPHALT PAVEMENT AND PAVE TO MILLING LIMITS.

**KEY NOTES:**

1. DEMOLISH 2' WATER SERVICE, TYP.
2. DEMOLISH ASPHALT PAVEMENT, TYP.
3. DEMOLISH CONCRETE PAVEMENT, TYP.
4. DEMOLISH YARD HYDRANT / STAND PIPE, TYP.
5. DEMOLISH GATE VALVE, TYP.
6. DEMOLISH SECURITY FENCING, TYP. PRIOR TO FENCE DEMOLITION, REMOVE AND PROTECT FIBER OPTIC SECURITY WIRE. DEMOLITION NEAR FIBER OPTIC WIRE SHALL BE UNDERTAKEN WITH EXTREME CARE, WIRE SHALL NOT BE SEVERED.
7. REMOVE PROTECTIVE RACKING FOR RE-INSTALLATION.
8. DEMOLISH BOLLARD, TYP.
9. PROVIDE 8' TALL LOCKABLE TEMPORARY SECURITY FENCING WITH 2" MESH, AS SHOWN, THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL MAINTAIN PERIMETER SECURITY AT ALL TIMES.
10. PROTECT / RESET BOLLARDS, TYP.
11. BACKFLOW PREVENTION DEVICE LOCATION, SEE ARCHITECTURAL SHEETS.
12. WATER METER TO REMAIN.
13. DEMOLISH DEGRADED WHEELSTOPS, TYP.
14. REMOVE AND SALVAGE (8) JERSEY BARRIERS. MOVE TO GOVERNMENT LAYDOWN AREA ON NE CORNER OF CAMPUS (APPROXIMATELY 2000 LF DRIVE DISTANCE) FOR GOVERNMENTS CONTINUED USE.

**LEGEND:**

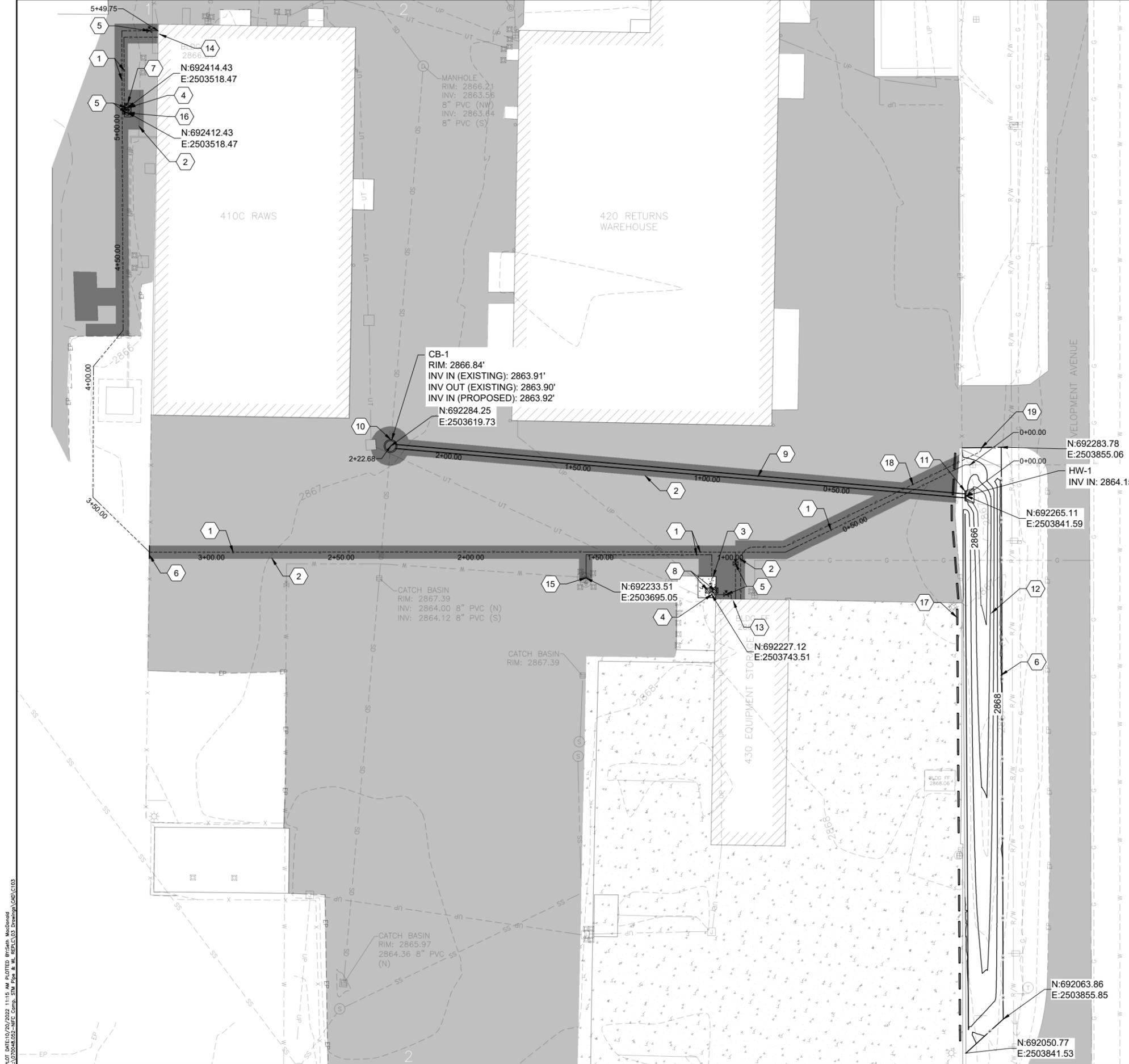
- SECURED AREA, NO UNACCOMPANIED ACCESS
- DEMOLISH ITEM, SEE KEY NOTES
- TEMPORARY SECURITY FENCING



UNITED STATES DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT  
**DEMOLITION AND SITE SECURITY PLAN**  
 NIFC CAMPUS STORM PIPE & WATER LINE REPLACEMENT  
 BOISE, IDAHO

APPROVED	DATE	DESCRIPTION	MARK

PLOT DATE: 10/20/2022 11:13 AM PLOTTED BY: Ben Carter  
 C:\070048\052-NIFC Comp. SW Page 8 of 11 R/F/C/03 Drawings\CAD\C102



**NOTES:**

1. CONTRACTOR SHALL COORDINATE WITH SUEZ/VEOLIA WATER FOR CONNECTION TO EXISTING WATER METER. ALL WATER SERVICE SHALL BE 2" AND PIPING, FITTINGS, AND VALVES SHALL MEET REQUIREMENTS OF MOST RECENT IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION, SECTION 404.
2. VERTICAL SEPARATION OF 18" MINIMUM SHALL BE MAINTAINED FROM EXISTING AND PROPOSED UTILITIES.
3. WATER SERVICE SHALL BE INSTALLED WITH 42" MINIMUM COVER.
4. LABEL EXPOSED WATERLINES TO YARD HYDRANTS AS NON-POTABLE WATER.

**KEY NOTES:**

1. FURNISH AND INSTALL 2" PE WATER SERVICE, TYP. SEE TRENCH DETAIL 1/C501.
2. FURNISH AND INSTALL ASPHALT PAVEMENT, TYP.
3. FURNISH AND INSTALL CONCRETE PAVEMENT, TYP. SEE DETAIL 2/C501.
4. FURNISH AND INSTALL 3/4" HOSE THREAD YARD HYDRANT, TYP. ORIENTATION PER GOVERNMENT.
5. FURNISH AND INSTALL GATE VALVE, TYP.
6. FURNISH AND INSTALL SECURITY FENCING, TYP. SEE DETAIL 7/C502.
7. RE-INSTALL PROTECTIVE RACKING. PAINT SAFETY YELLOW AND INSTALL 4" REFLECTIVE TAPE 2' FROM TOP OF EACH VERTICAL CORNER POST. PROVIDE A MINIMUM OF 10' OF CLEAR SPACE FROM B410C RWS.
8. FURNISH AND INSTALL BOLLARD, TYP. SEE DETAIL 4/C501.
9. FURNISH AND INSTALL 12" HDPE DRAIN LINE. SEE TRENCH DETAIL 1/C501.
10. FURNISH AND INSTALL 4" DIAMETER PRECAST CONCRETE DOGHOUSE CATCH BASIN. SEE DETAIL 5/C501.
11. FURNISH AND INSTALL HEADWALL, SEE DETAIL 6/C502.
12. STORMWATER SWALE, GRADE AS SHOWN. SEE A/C201.
13. FURNISH AND INSTALL PIPING AND 2" DOUBLE CHECK VALVE ASSEMBLY BACKFLOW PREVENTION DEVICE WITHIN INSULATED ENCLOSURE IN BLDG 430, SEE ARCHITECTURAL SHEETS FOR EXACT LOCATION.
14. FURNISH AND INSTALL PIPING AND TWO (2) X 2" DOUBLE CHECK VALVE ASSEMBLY BACKFLOW PREVENTION DEVICE (BFD) WITHIN INSULATED ENCLOSURE IN BLDG 410W, SEE ARCHITECTURAL SHEETS FOR EXACT LOCATION. CONNECT THE DOWNSTREAM PIPING OF ONE BFD TO EXISTING BUILDING 410W WATER SERVICE.
15. RECONNECT EXISTING WATER SERVICE TO PROPOSED, SEE DETAIL 9/C502.
16. FURNISH AND INSTALL 1.5" HOSE THREAD YARD HYDRANT, TYP. ORIENTATION PER GOVERNMENT.
17. FURNISH AND INSTALL 6" CURB STOP, TYP. SEE DETAIL 8/C502.
18. FURNISH AND INSTALL 2 X 2" SCHEDULE 40 PVC ELECTRICAL CONDUITS (SOLVENT WELDED) WITH STUB UPS AND TERMINATION CAPS. END INSIDE BLDG 430 BESIDE BFP ENCLOSURE AND AS SHOWN IN THE YARD NEAR PROPOSED MAN GATE.
19. 2' IN EACH DIRECTION FROM CENTERLINE OF NORTH FACING FENCE ALONG DRIVEWAY, PROVIDE 4" POST (2 TOTAL) PER CORNER POST IN DETAIL 7/C502.

**LEGEND:**

- UNDERGROUND CONDUITS
- 2" WATER SERVICE
- 12" DRAIN LINE
- ASPHALT
- CONCRETE
- GATE VALVE
- YARD HYDRANT
- BOLLARD

  
 Ben L. Carter  
 PROFESSIONAL REGISTERED ENGINEER  
 No. 13070  
 State of Idaho  
 Digitally signed by Ben L. Carter  
 Date: 2022.10.19 09:15:58 -06'00'



UNITED STATES DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT  
**SITE PLAN**  
 NIFC CAMPUS STORM PIPE & WATER LINE REPLACEMENT  
 BOISE, IDAHO

APPROVED	DATE	DESCRIPTION	MARK

PLOT DATE: 10/20/2022 11:15 AM PLOTTED BY: Sarah Macdonald  
 L:\070048.052-NIFC Comp. SWP Pipe & W. REPLACEMENT.dwg



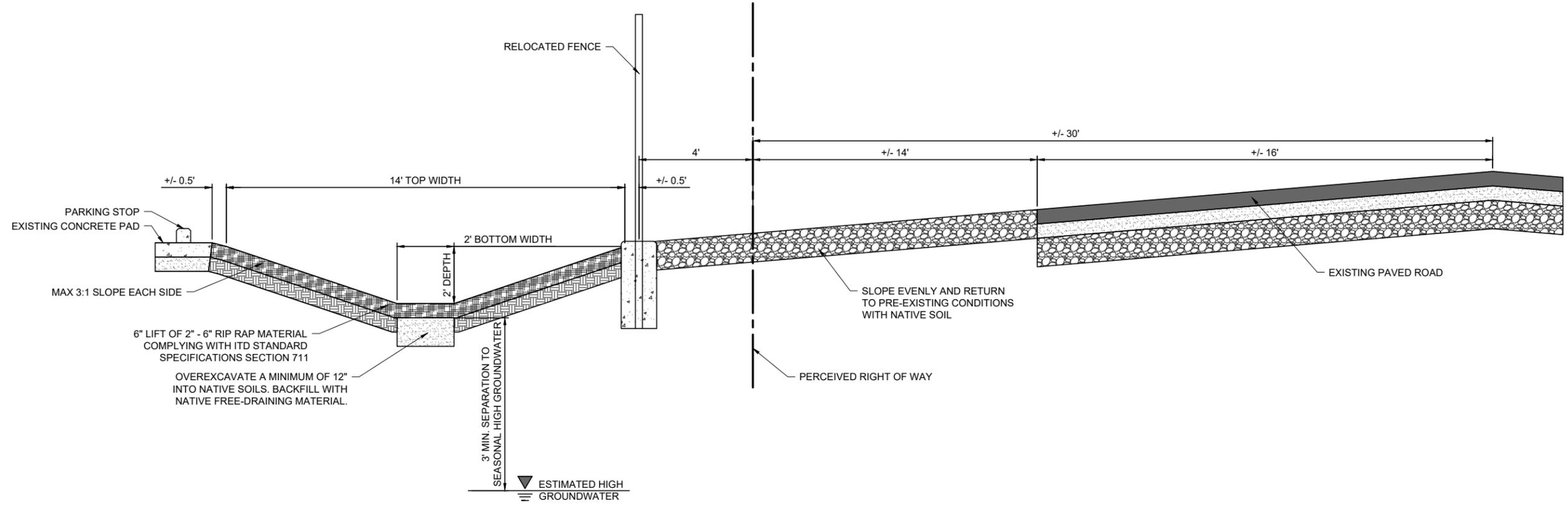
UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

PROFILES

NIFC CAMPUS STORM PIPE & WATER LINE REPLACEMENT

NATIONAL INTERAGENCY FIRE CENTER

BOISE, IDAHO

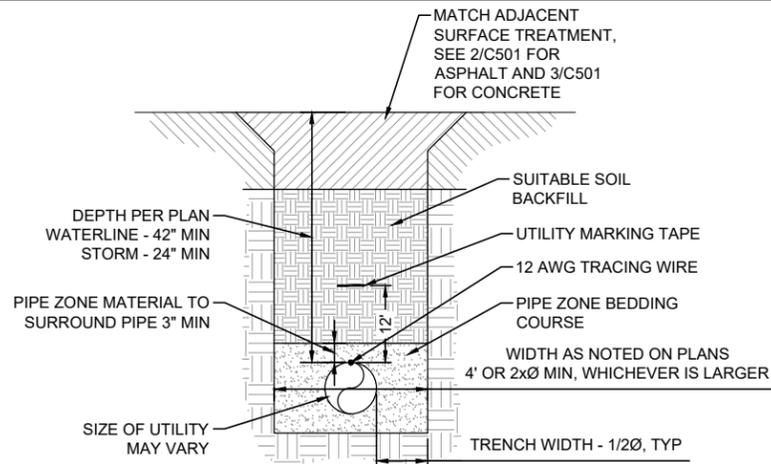


**A** STORMWATER SWALE  
SCALE: NTS

PLOT DATE: 10/20/2022 11:16 AM PLOTTED BY: Sarah Macdonald  
L:\070048.052-NFC Comp. SW Pipe & W. REPLACEMENT.dwg

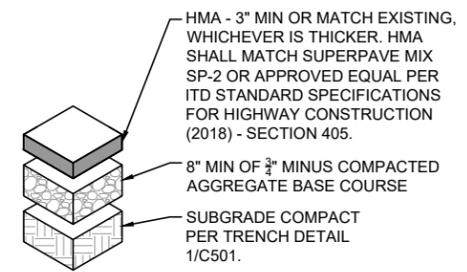
Ben L. Carter  
  
 Digitally signed by Ben L. Carter  
 Date: 2022.10.19 15:45:06-06'00'

PROJECT NO:	DESIGN OFFICE:	DESIGNED BY:	DRAWN BY:	CHK'D BY:	APPROVED BY:	DATE:	MARK	DESCRIPTION	DATE	APPROVED
070048.052	LBYD FEDERAL, IDAHO FALLS	SM	SM	BC	BC	10/19/2022				

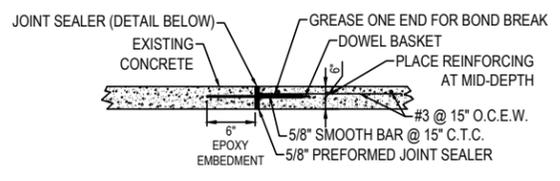
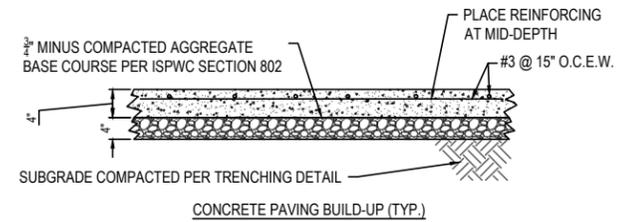


NOTE: BACKFILL MATERIALS COMPACTION  
 - 95% STD PROCTOR UNDER SLABS AND ROADS  
 - 90% STANDARD PROCTOR MIN ALL OTHER AREAS

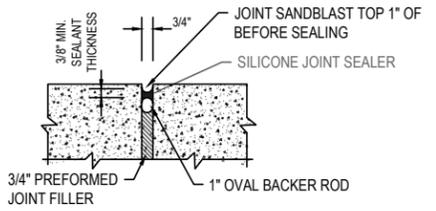
**1 TYPICAL WET UTILITY TRENCH**  
 SCALE: NTS



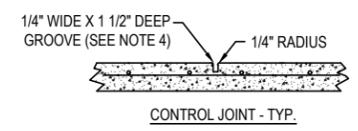
**2 TYPICAL ASPHALT PAVING**  
 SCALE: NTS



**EXPANSION JOINT - DOWELED AT JOINTS WITH EXISTING CONCRETE**



**JOINT SEALER - AT POUR BREAKS AND ADJACENT TO EXISTING HARDSCAPES**

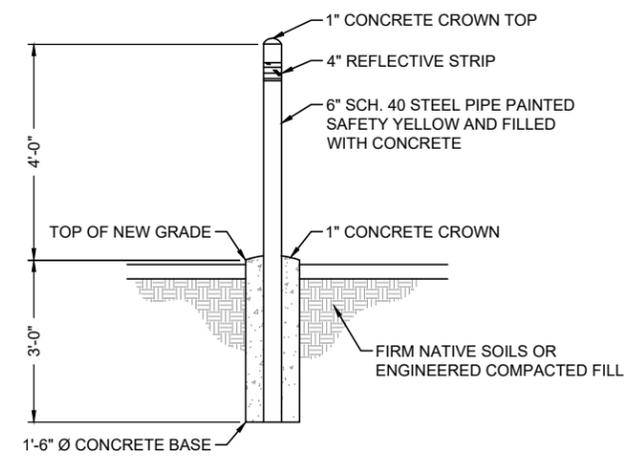


**CONTROL JOINT - TYP.**

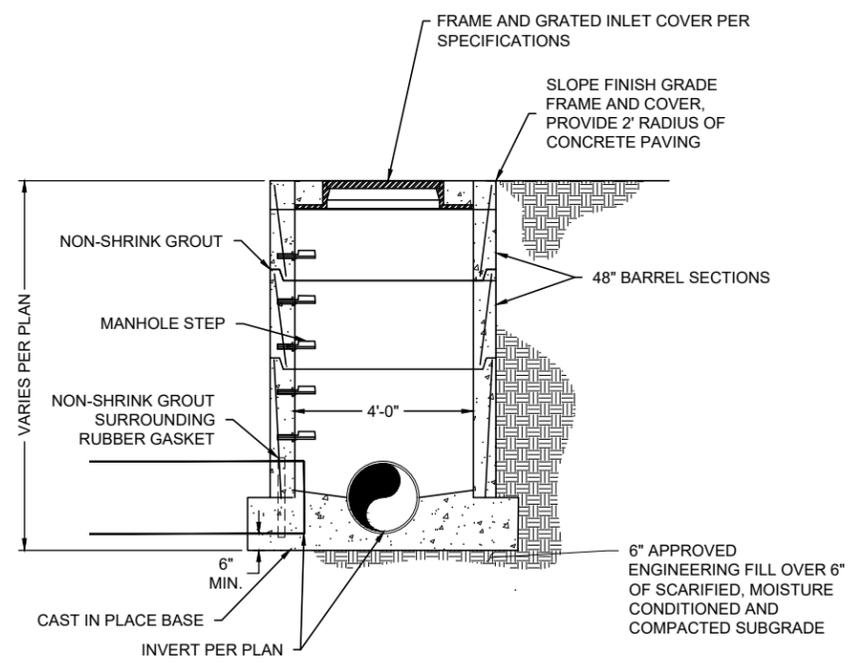
**NOTES:**

1. CONTRACTOR SHALL INSTALL 4" OF CRUSHED AGGREGATE BASE COURSE UNDER ALL CONCRETE PAVING PER ISPPWC SECTION 802.
2. CONCRETE SHALL BE CLASS 3000 PER ISPPWC SECTION 703.
3. CONTRACTOR SHALL INSTALL CONTROL JOINTS IN CONCRETE PAVING AT 12' MAX SPACING BOTH WAYS. COORDINATE WITH ARCHITECTURAL PLANS FOR SCORING PATTERN.
4. CONTROL JOINT TO BE 1/4 OF THE SLAB THICKNESS TYPICALLY.
5. COORDINATE WITH CONTROL JOINTS. WHERE CONCRETE PAVING ABUTS BUILDING STRUCTURES, COLUMNS, FOOTINGS, POLE BASES, INLETS AND OTHER SIMILAR IMMOVABLE OBJECTS, CONTRACTOR SHALL PROVIDE EXPANSION JOINT WITH FILLER MATERIAL. CONTRACTOR SHALL ALSO PROVIDE CONTROL JOINTS TO MINIMIZE POTENTIAL FOR CRACKING. COORDINATE WITH ENGINEER FOR LOCATIONS. EXISTING CONCRETE PAVEMENT MUST HAVE PAVING DEPTH OF 4" OR MORE FOR INSTALLATION OF EXPANSION JOINT WITH A DOWEL.
6. IN LIEU OF REINFORCEMENT SHOWN, CONTRACTOR MAY USE 6x6 W1.4/W1.4 WELDED WIRE FABRIC.
7. CONSTRUCTION JOINTS & CONTROL JOINT SHALL DIVIDE SLAB INTO AREAS NOT EXCEEDING 225 SQFT WITHOUT REENRANT CORNERS AND WITH LENGTH TO WIDTH RATIOS NOT EXCEEDING 1 1/2 TO 1. CONTRACTOR SHALL SUBMIT LAYOUT PLAN SHOWING PROPOSED CONTROL AND CONSTRUCTION JOINT LOCATIONS. JOINT SPACING SHALL NOT EXCEED 20 FEET IN EITHER DIRECTION. FOR SIDEWALKS, CONTRACTOR SHALL HAVE CONTROL JOINTS EVERY 5 FEET AND EXPANSION JOINTS EVERY 50 FEET MINIMUM.

**3 TYPICAL CONCRETE PAVING**  
 SCALE: NTS



**4 TYPICAL BOLLARD**  
 SCALE: NTS



**5 TYPICAL PRECAST DOGHOUSE CATCHBASIN**  
 SCALE: NTS

PLOT DATE: 10/20/2022 11:11 AM PLOTTED BY: Sarah Macdonald C:\070048.052-NFC Comp. SW Page 6 of 6 RFP\C501 Drawings\CAD\C501.dwg



UNITED STATES DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT  
 NATIONAL INTERAGENCY FIRE CENTER  
 BOISE, IDAHO  
 NIFC CAMPUS STORM PIPE & WATER LINE REPLACEMENT  
 DETAILS

DATE	APPROVED	MARK	DESCRIPTION

PROJECT NO: 070048.052  
 DESIGN OFFICE: LBYD FEDERAL, IDAHO FALLS  
 DESIGNED BY: SM  
 DRAWN BY: SM  
 CHK'D BY: BC  
 APPROVED BY: BC  
 DATE: 10/19/2022



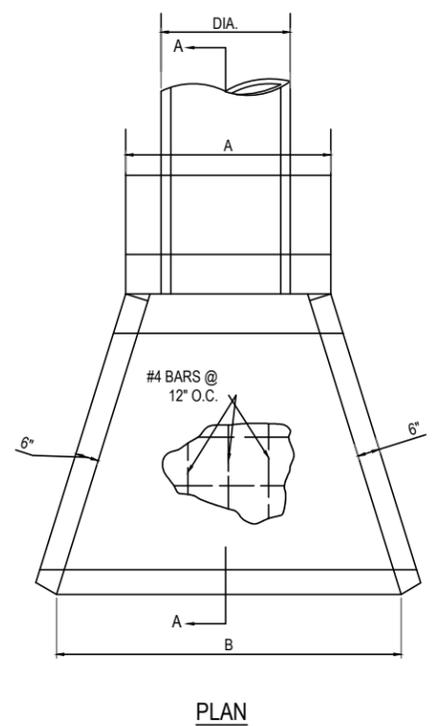


UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DETAILS

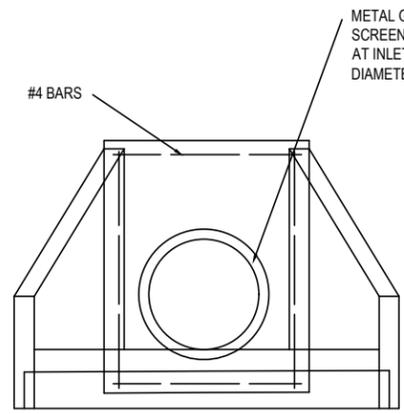
NIFC CAMPUS STORM PIPE & WATER LINE REPLACEMENT

BOISE, IDAHO

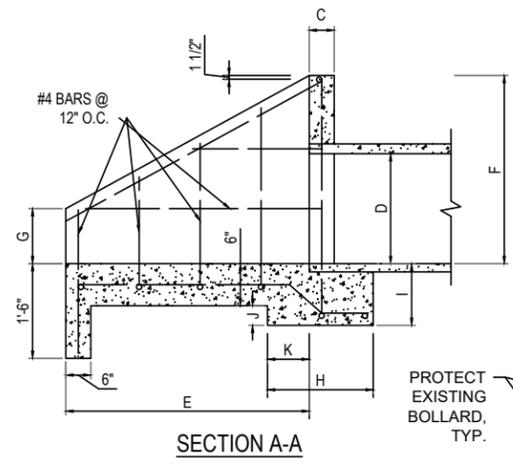


PLAN

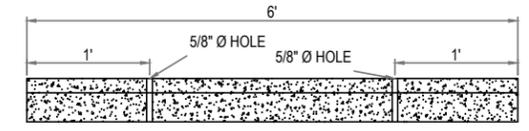
DIMENSIONS FOR HEADWALL										
DIA.	A	B	C	E	F	G	H	I	J	K
12"	3'-0"	5'-0"	0'-6"	3'-0"	2'-4"	0'-9"	2'-0"	1'-0"	0'-6"	0'-6"



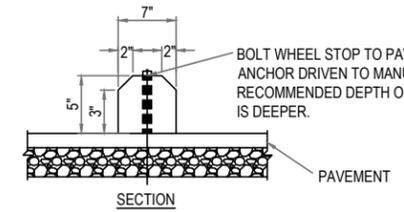
ELEVATION



SECTION A-A



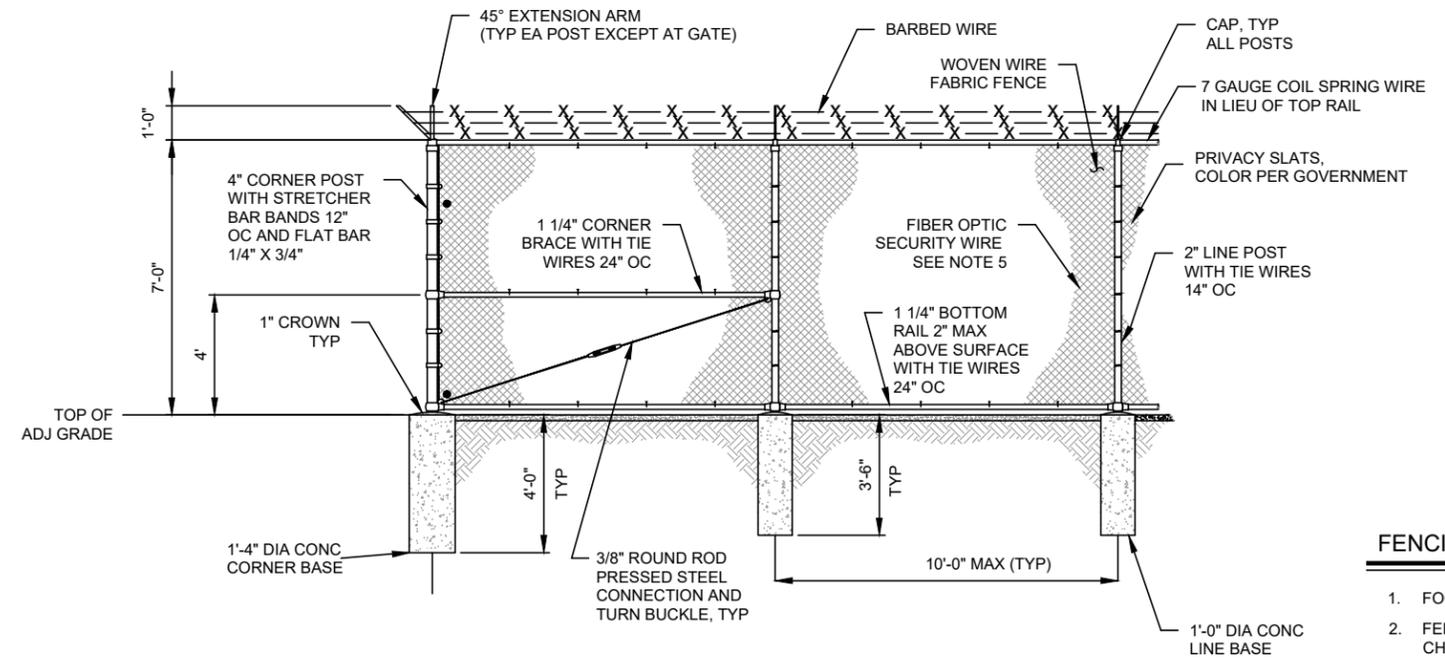
ELEVATION



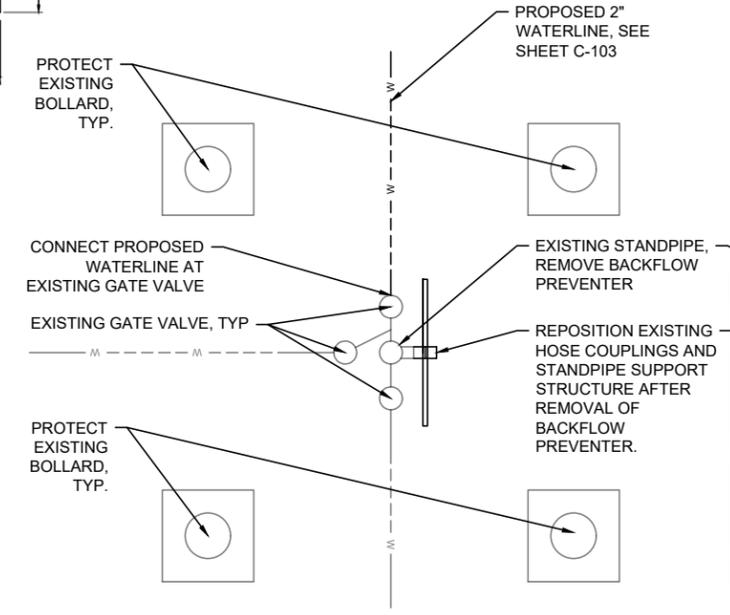
SECTION

8 CURB STOP DETAIL  
SCALE: NTS

6 VERTICAL HEADWALL  
SCALE: NTS



7 TYPICAL PERIMETER FENCE AND CORNER  
SCALE: NTS



9 STANDPIPE LAYOUT  
SCALE: NTS



9A STANDPIPE  
SCALE: NTS

FENCING NOTES:

- FOOTINGS SHALL BE CYLINDRICAL OF THE DIAMETERS INDICATED.
- FENCE FABRIC SHALL BE #9 GA. HOT GALVANIZED WIRE WOVEN IN A 2" MESH, CHAIN LINK FABRIC AND SHALL BE TWISTED SELVAGE.
- ALL POSTS, RAILS AND FITTINGS GALVANIZED BY HOT DIP PROCESS.
- ALL PIPE (RAILS AND POSTS) TO BE NOMINAL STD. WEIGHT.
- REINSTALL SENSTAR FIBER PATROL FP1150 SERIES OPTIC SECURITY WIRE ALONG INSIDE OF PROPOSED FENCING PER MANUFACTURER'S RECOMMENDATIONS. WIRE SHALL NOT BE SEVERED DURING DEMOLITION OF EXISTING FENCE OR CONSTRUCTION OF NEW FENCE.



MARK	DESCRIPTION	DATE	APPROVED

PLOT DATE: 10/20/2022 11:12 AM PLOTTED BY: Sara Macdonald  
 L:\070048.052-NFC Comp. SW\_Plan & W. RFP\103\_Drawing\CAD\C502



UNITED STATES DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT  
**FIRST FLOOR PLAN AND DETAILS - 410C-RWS**  
 NIFC CAMPUS STORM PIPE & WATER LINE REPLACEMENT  
 BOISE, IDAHO

PROJECT NO:	DESIGN OFFICE:	DESIGNED BY:	DRAWN BY:	CHK'D BY:	APPROVED BY:	DATE:
NWBLM2022-DO#52	CUSHING TERRELL	AR	AR	SC	-	10/19/2022

A101  
 SHEET 8 OF 13

### GENERAL NOTES

- THESE DRAWINGS ARE BASED UPON EXISTING DRAWINGS AND SITE OBSERVATIONS. THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO COMMENCING WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING CONTINUOUS ACCESS TO ENTRIES AND LIFE-SAFETY EXITS FOR OCCUPANTS AT ALL TIMES.
- PROTECT ALL EXISTING ITEMS TO REMAIN FROM DAMAGE. PATCH AND REPAIR ALL ITEMS DAMAGED DURING CONSTRUCTION.
- SEE CIVIL AND PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS.

### PLAN LEGEND

# → PLAN/SHEET NOTE

### PLAN NOTES

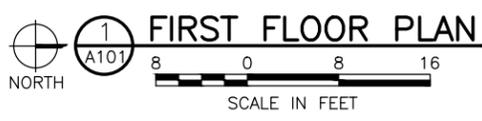
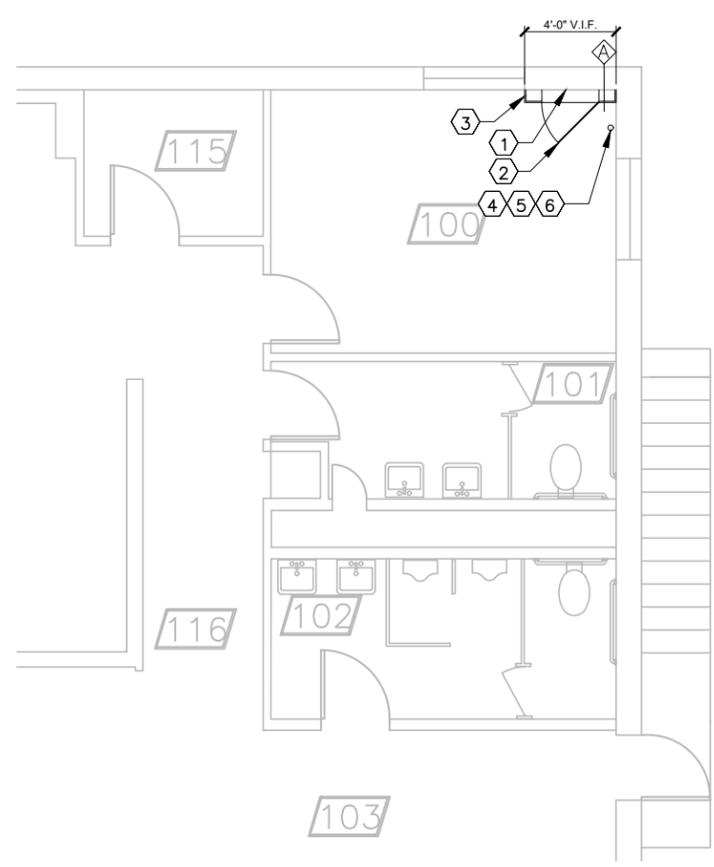
- REMOVE LAYER OF EXISTING GYPSUM WALL BOARD AS REQUIRED TO ACCOMODATE NEW WORK, EXISTING STUDS TO REMAIN.
- INSTALL ACCESS PANEL, PAINT TO MATCH COLOR OF WALL. COORDINATE FINAL LOCATION OF ACCESS PANEL WITH PLUMBING TRADE, SEE PLUMBING DRAWINGS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS.
- EXISTING CARPET TO REMAIN, REMOVE PORTION OF CARPET TO ACCOMODATE NEW WORK.
- DEMOLISH EXISTING WATER SUPPLY PIPE, SEE PLUMBING DRAWINGS FOR FURTHER REQUIREMENTS.
- INFILL EXISTING HOLE WITH SELF-LEVELING COMPOUND. PROVIDE A FLUSH SURFACE SUITABLE FOR CARPET FLOORING USING 'PROSPEC' FLOORING PRODUCTS OR EQUAL. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PATCH AND REPAIR FLOOR SURFACE TO MATCH EXISTING CARPET FINISH.

IMAGES ARE FOR REFERENCE ONLY - VERIFY ALL ITEMS IN FIELD.

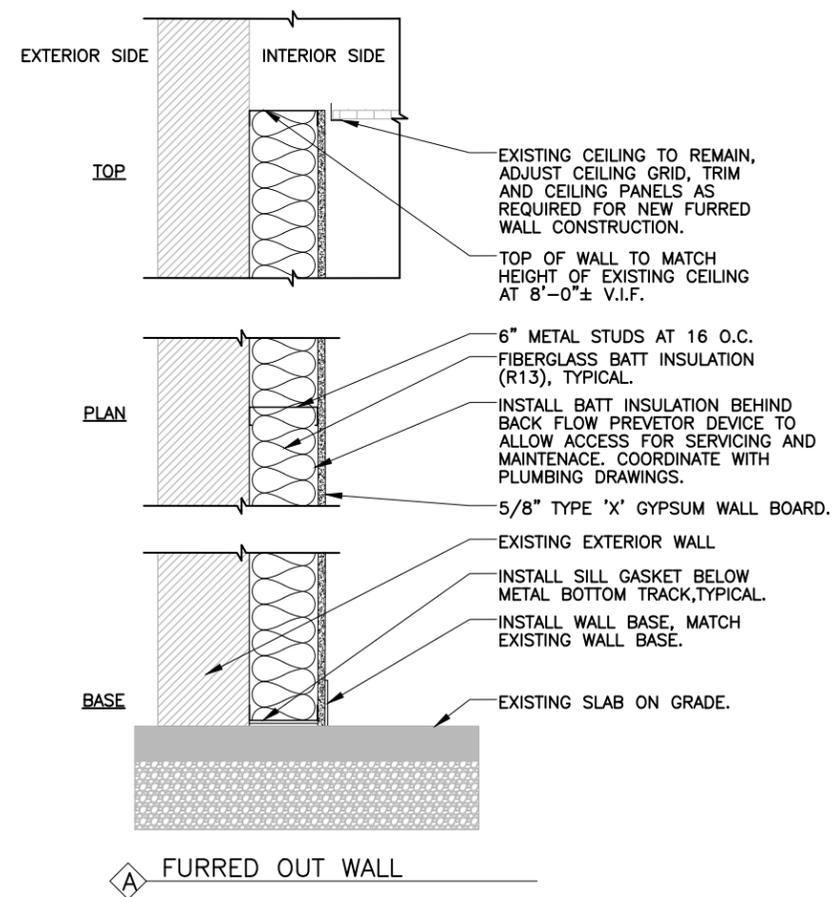


- LOCATE ACCESS PANEL BEHIND FILING CABINET. COORDINATE WITH CIVIL AND PLUMBING DRAWINGS.
- GOVERNMENT TO REMOVE FILING CABINET.
- DEMOLISH WATER SUPPLY PIPE, SEE PLUMBING DRAWINGS.

EXISTING OFFICE 100



### WALL TYPES



LICENSED ARCHITECT  
 AR 984755  
  
 Scott D. Roberts  
 STATE OF IDAHO



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**FIRST FLOOR PLAN AND DETAILS - 430 EQS**

NIFC CAMPUS STORM PIPE & WATER LINE REPLACEMENT

NATIONAL INTERAGENCY FIRE CENTER

BOISE, IDAHO

**GENERAL NOTES**

- A. THESE DRAWINGS ARE BASED UPON EXISTING DRAWINGS AND SITE OBSERVATIONS. THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO COMMENCING WORK.
- B. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING CONTINUOUS ACCESS TO ENTRIES AND LIFE-SAFETY EXITS FOR OCCUPANTS AT ALL TIMES.
- C. PROTECT ALL EXISTING ITEMS TO REMAIN FROM DAMAGE. PATCH AND REPAIR ALL ITEMS DAMAGED DURING CONSTRUCTION.
- D. SEE CIVIL AND PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS.

**PLAN LEGEND**

# → PLAN/SHEET NOTE

**PLAN NOTES**

- 1. INSTALL ACCESS PANEL, PAINT TO MATCH COLOR OF WALL. COORDINATE FINAL LOCATION OF ACCESS PANEL WITH PLUMBING TRADE, SEE PLUMBING DRAWINGS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS.

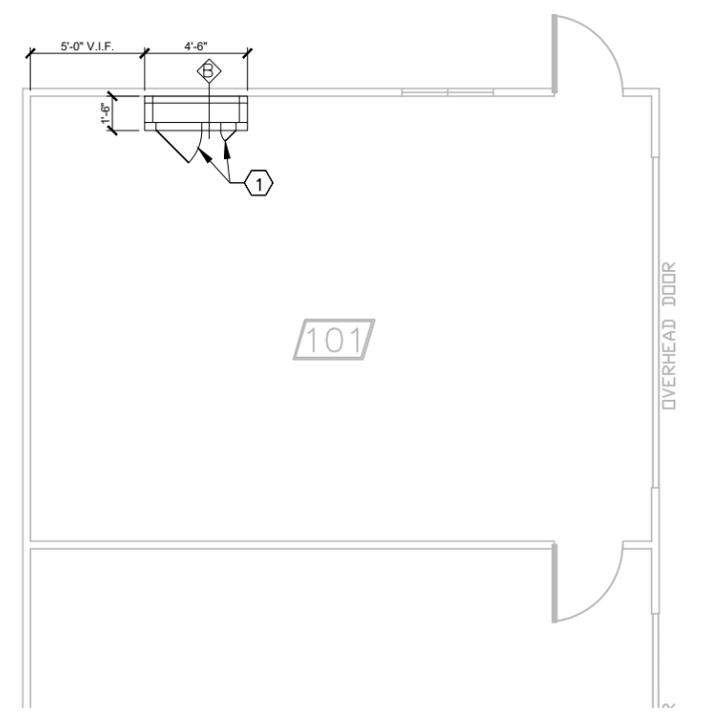
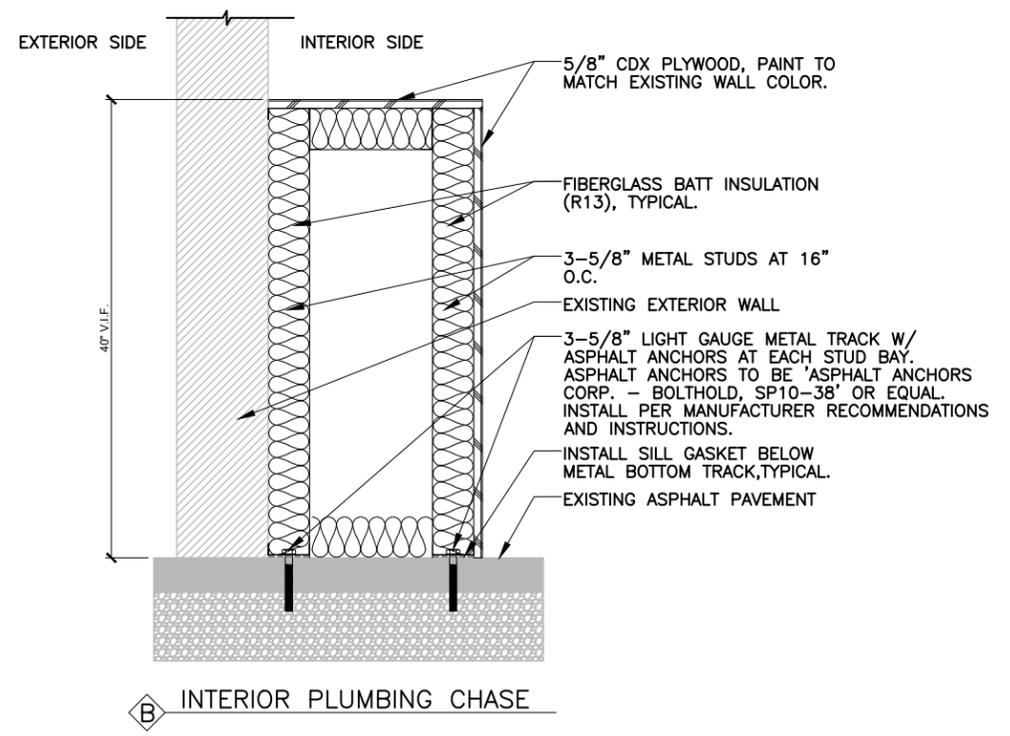
IMAGES ARE FOR REFERENCE ONLY - VERIFY ALL ITEMS IN FIELD.



LOCATE PLUMBING CHASE IN THIS VACINITY. COORDINATE WITH CIVIL AND PLUMBING DRAWINGS.

EXISTING STORAGE 101

**WALL TYPES**



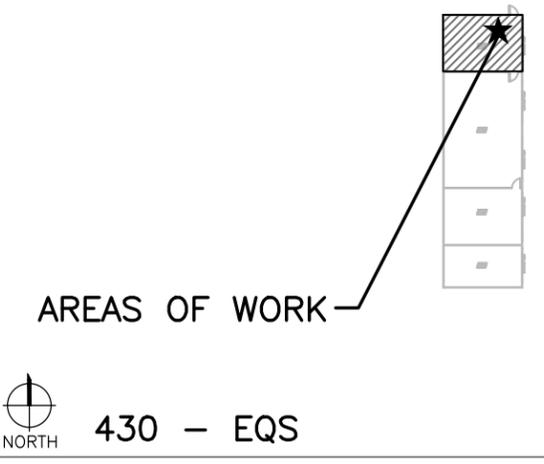
**FIRST FLOOR PLAN**

1 A102

8 0 8 16

SCALE IN FEET

**KEY PLAN**



PROJECT NO:	DESIGNED BY:	DRAWN BY:	CHK'D BY:	APPROVED BY:	DATE:
NWBLM2022-DO#52	AR	AR	SC	-	10/19/2022
DESIGN OFFICE:	CUSHING TERRELL				
MARK	DESCRIPTION	DATE	APPROVED		

LICENSED ARCHITECT AR 984755

*Scott D. Roberts*

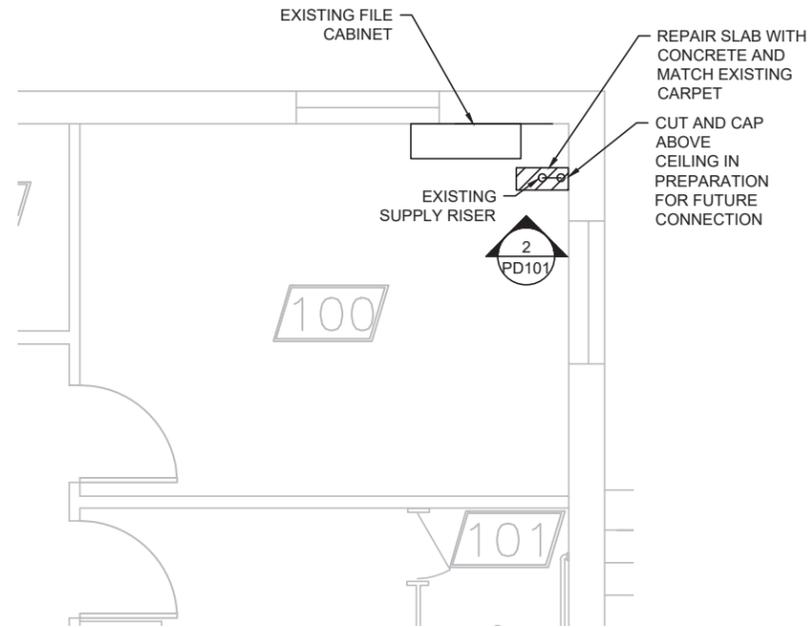
10/19/22

Scott D. Roberts  
STATE OF IDAHO

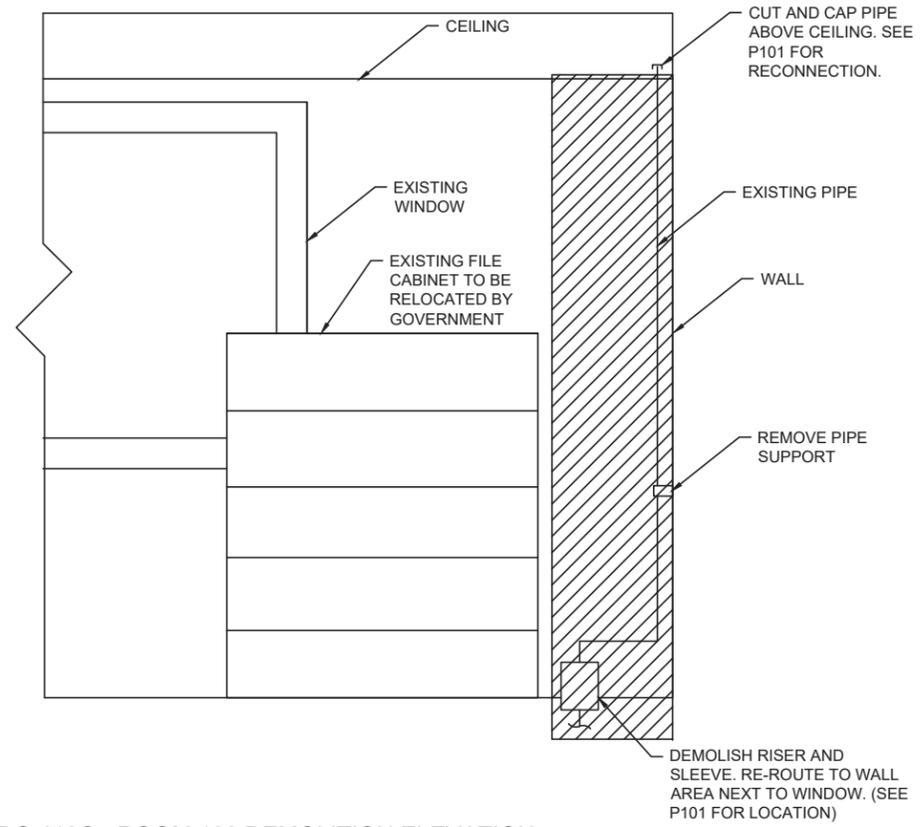


PLOT DATE: 10/19/2022 11:54 AM PLOTTED BY: Coyne, Sanger  
 C:\BDD Federal Project Files\01-Active Projects\070048.052-NFC Comp. STM Pipe & W. REPL\03 Drawings\04\VP-08\DWGNS

**1** BLDG 410C - ROOM 100 DEMOLITION PLAN  
 SCALE: 3/8" : 1'-0"



**2** BLDG 410C - ROOM 100 DEMOLITION ELEVATION  
 SCALE: 3/8" : 1'-0"



GENERAL NOTES:

1. DEMOLISH PIPE, ACCESSORIES AND PIPE SLEEVE OF THE RISER.
2. RE-ROUTE THE PIPE UNDERGROUND TO PENETRATE IN THE WALL NEAR THE WINDOW. SEE P101 DRAWING FOR LOCATION.
3. CUT, CAP AND PROTECT THE EXISTING PIPE FOR FUTURE RECONNECTION.



UNITED STATES DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT  
**PLUMBING DEMOLITION PLAN / ELEVATION**  
 NIFC CAMPUS STORM PIPE & WATER LINE REPLACEMENT  
 BOISE, IDAHO

MARK	DESCRIPTION	DATE	APPROVED



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

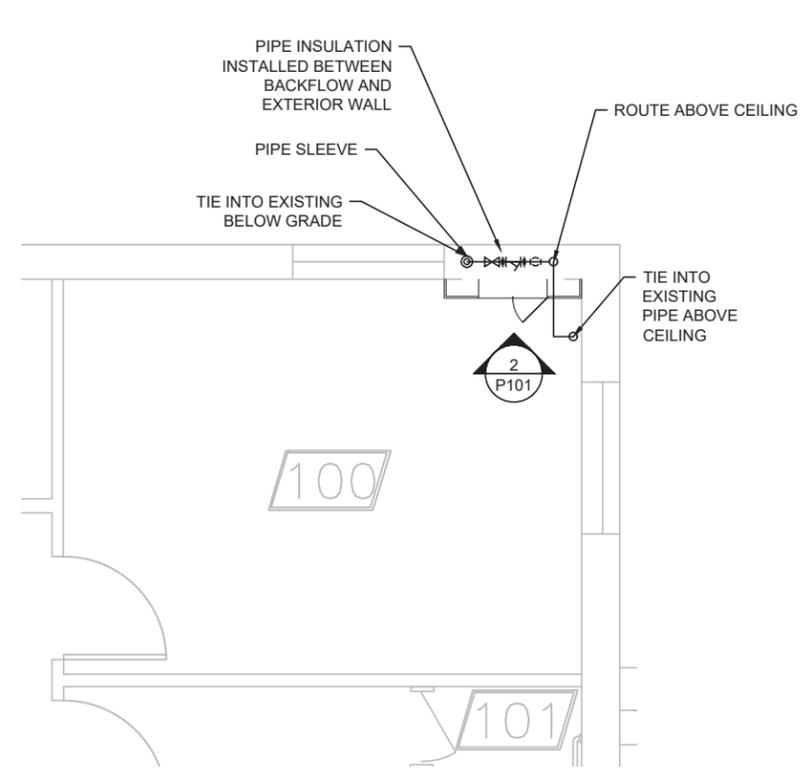
PLUMBING PLAN / ELEVATION / SCHEDULE

NIFC CAMPUS STORM PIPE & WATER LINE REPLACEMENT

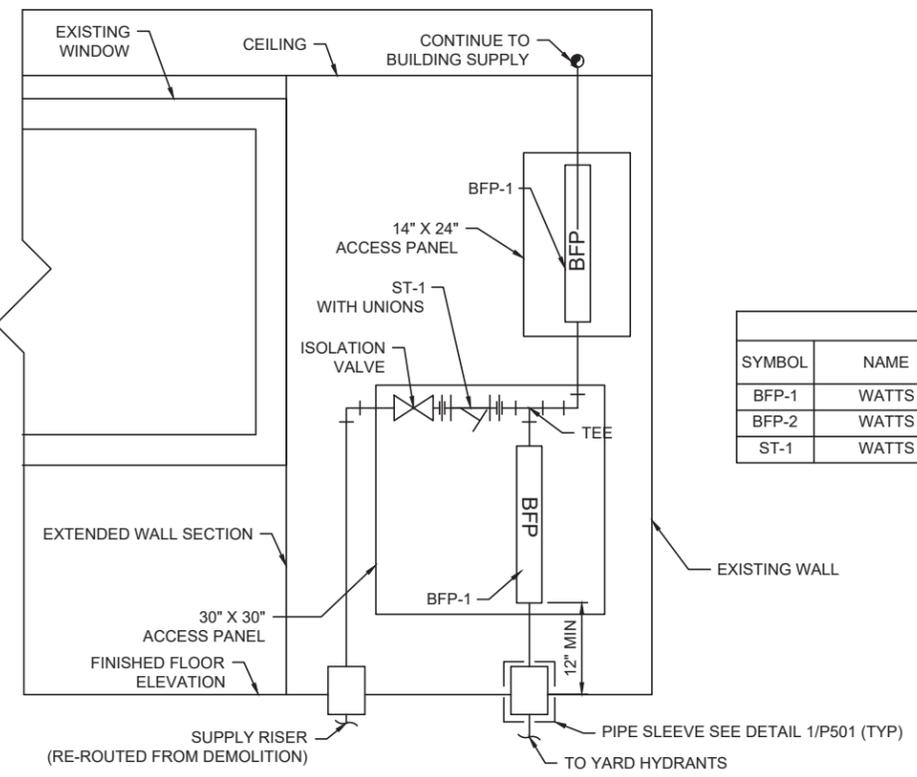
BOISE, IDAHO

- GENERAL NOTES:
1. ALL PIPES ARE 2"
  2. ENGRAVED, LAMINATED PHENOLIC NAMEPLATES (BLACK LETTERS ON A WHITE BACKGROUND). NAMEPLATES ARE TO HAVE AT LEAST 1/2-INCH- (6-MM-) HIGH LETTERING. NAMEPLATES TO INCLUDE BFP TAG AND TO BE INSTALLED ON BOTH THE BFP AND THE ACCESS PANEL
  3. POSITION ACCESS PANELS TO ENABLE SERVICING AND MAINTENANCE OF THE BACKFLOW PREVENTERS AND STRAINERS.
  4. ACCESS PANELS SHALL HAVE HINGES AND NON-KEYED CLOSURES.

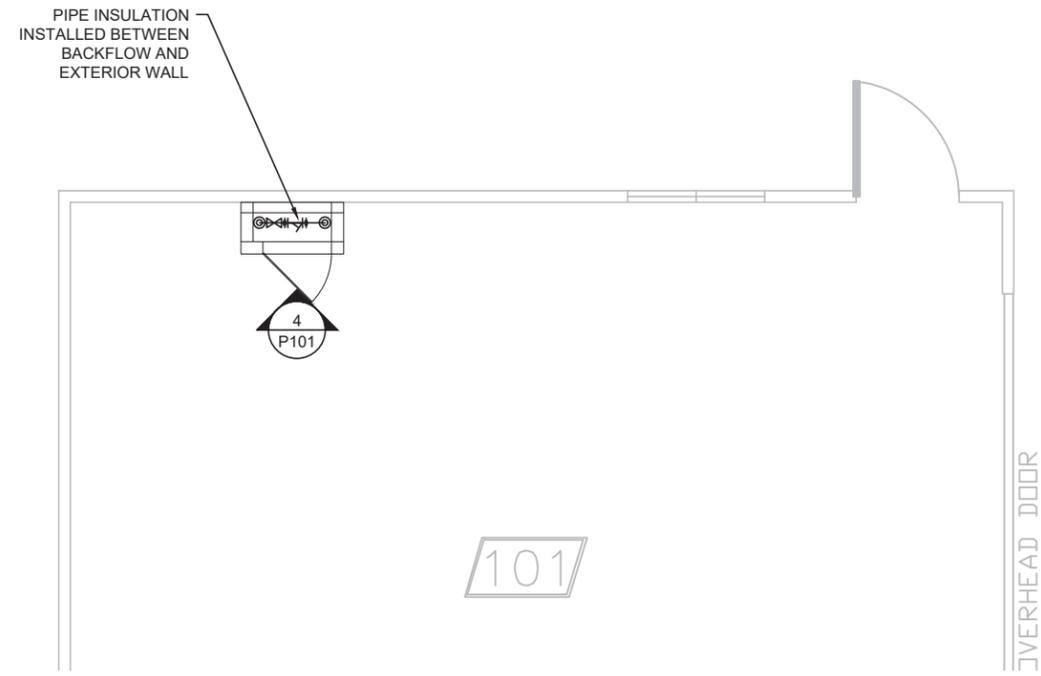
BACKFLOW PREVENTER SCHEDULE				
SYMBOL	NAME	DESCRIPTION	QTY	MODEL #
BFP-1	WATTS	2" DOUBLE CHECK VALVE, SERIES LF-007	2	LF007M1QT
BFP-2	WATTS	2" DOUBLE CHECK VALVE WITH STRAINER, SERIES LF-007	1	LF007M1QT-S
ST-1	WATTS	2" WYE PATTERN LEAD FREE CAST COPPER SILICON ALLOY STRAINER	1	LF777



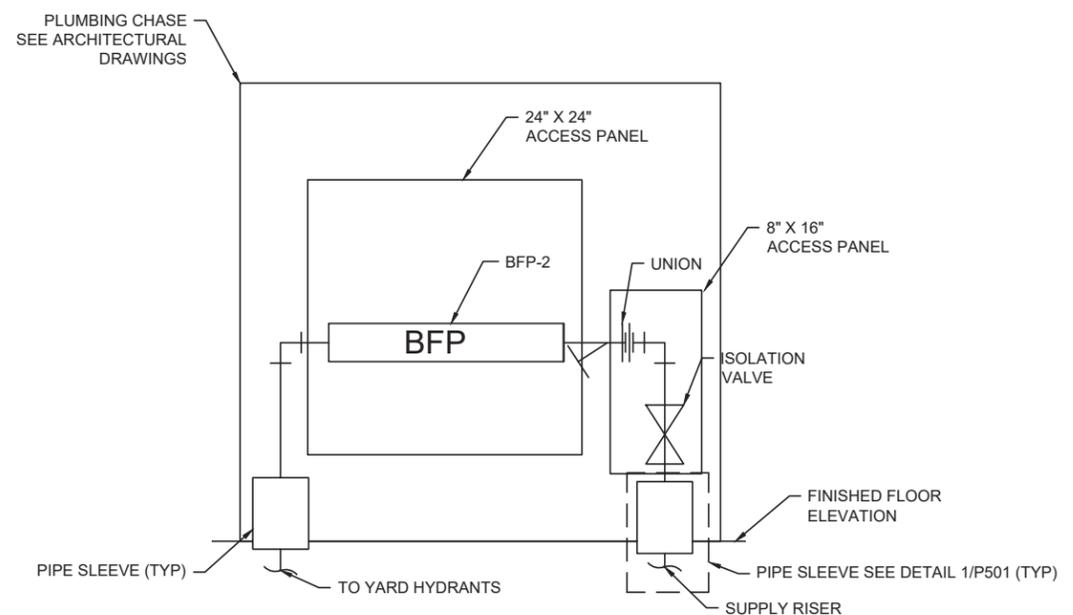
1 BLDG 410C - ROOM 100 PLAN  
SCALE: 3/8" : 1'-0"



2 BLDG 410C - ROOM 100 ELEVATION  
SCALE: 1" : 1'-0"



3 BLDG 430 - ROOM 101 PLAN  
SCALE: 3/8" : 1'-0"



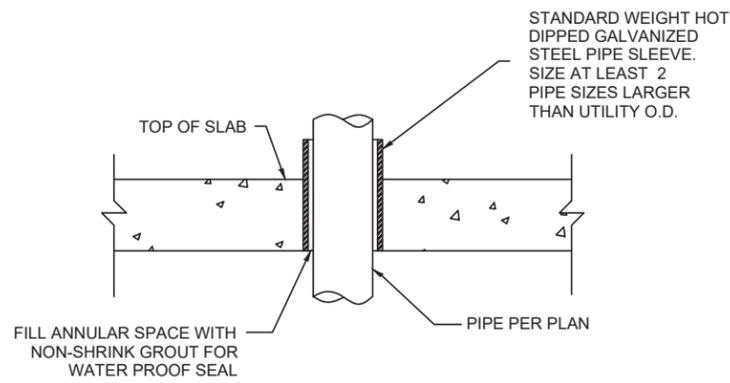
4 BLDG 430 - ROOM 101 ELEVATION  
SCALE: 1 1/2" : 1'-0"



PROJECT NO:	DESIGN OFFICE:	DESIGNED BY:	DRAWN BY:	CHK'D BY:	APPROVED BY:	DATE:	MARK	DESCRIPTION	DATE	APPROVED
070048.052	LBVD FEDERAL, IDAHO FALLS	CS	CS	JR	JR	10/19/2022				

PLOT DATE: 10/19/2022 11:54 AM PLOTTED BY: Bryan Singer  
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PLOT DATE: 10/19/2022 11:54 AM PLOTTED BY: Coyne, Sangar  
 Q:\LBD Federal Project Files\01-Active Projects\2024\05-NFC-Comp-25M Pipe & W. REPL\03 Drawings\04\1-28\DWGNS



**1** TYPICAL PIPE PENETRATION THROUGH SLAB  
 SCALE: NTS



UNITED STATES DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

PLUMBING PLAN / ELEVATION / SCHEDULE

NIFC CAMPUS STORM PIPE & WATER LINE REPLACEMENT

NATIONAL INTERAGENCY FIRE CENTER

BOISE, IDAHO

PROJECT NO:	DESIGN OFFICE:	DESIGNED BY:	DRAWN BY:	CHK'D BY:	APPROVED BY:	DATE:	MARK	DESCRIPTION	DATE	APPROVED
070048.052	LBVD FEDERAL, IDAHO FALLS	CS	CS	JR	JR	10/19/2022				